

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
 Data File : VY001129.D
 Acq On : 02 Jan 2020 11:03
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
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 1/3/2020 11:11:13 AM

Quant Time: Jan 02 13:05:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y010220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 02 12:11:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	375906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	620509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	534795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	259160	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	31564	8.70	ug/l	0.00
Spiked Amount			Recovery	=	17.40%	
35) Dibromofluoromethane	7.74	113	35789	9.76	ug/l	0.00
Spiked Amount			Recovery	=	19.52%	
50) Toluene-d8	10.18	98	117749	8.39	ug/l	0.00
Spiked Amount			Recovery	=	16.78%	
62) 4-Bromofluorobenzene	12.49	95	55649	10.69	ug/l	0.00
Spiked Amount			Recovery	=	21.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	27659	8.445	ug/l	96
3) Chloromethane	2.12	50	17063	4.186	ug/l	93
4) Vinyl Chloride	2.26	62	16228	4.074	ug/l #	86
5) Bromomethane	2.65	94	14373	5.795	ug/l	90
6) Chloroethane	2.80	64	12775	5.163	ug/l	92
7) Trichlorofluoromethane	3.13	101	53743	8.677	ug/l	94
8) Diethyl Ether	3.54	74	16378	6.680	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	32008	7.898	ug/l	97
10) Methyl Iodide	4.10	142	44700	7.753	ug/l	98
11) Tert butyl alcohol	4.97	59	13727	34.544	ug/l #	89
12) 1,1-Dichloroethene	3.88	96	31003	7.531	ug/l	93
13) Acrolein	3.74	56	13354	29.231	ug/l	92
14) Allyl chloride	4.49	41	30395	4.831	ug/l	90
15) Acrylonitrile	5.18	53	33559	26.891	ug/l	97
16) Acetone	3.96	43	28166	34.974	ug/l	99
17) Carbon Disulfide	4.21	76	87977	6.507	ug/l	96
18) Methyl Acetate	4.49	43	14303	4.568	ug/l	95
19) Methyl tert-butyl Ether	5.24	73	71908	6.687	ug/l	98
20) Methylene Chloride	4.73	84	37575	7.488	ug/l	93
21) trans-1,2-Dichloroethene	5.22	96	34270	7.322	ug/l #	85
22) Diisopropyl ether	6.14	45	64799	5.117	ug/l #	90
23) Vinyl Acetate	6.08	43	206962	25.954	ug/l	94
24) 1,1-Dichloroethane	6.04	63	45951	6.018	ug/l	96
25) 2-Butanone	7.00	43	44868	31.463	ug/l	95
26) 2,2-Dichloropropane	7.00	77	53647	8.365	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	41918	8.170	ug/l	98
28) Bromochloromethane	7.35	49	17762	6.111	ug/l	90
29) Tetrahydrofuran	7.36	42	32192	31.904	ug/l	99
30) Chloroform	7.52	83	63263	8.627	ug/l	99
31) Cyclohexane	7.80	56	65923	8.219	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	60783	9.539	ug/l	99
36) 1,1-Dichloropropene	7.93	75	56249	9.502	ug/l	98
37) Ethyl Acetate	7.08	43	18564	5.891	ug/l	96
38) Carbon Tetrachloride	7.91	117	57965	10.867	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	73622	9.321	ug/l	97
40) Benzene	8.18	78	171219	9.573	ug/l	98
41) Methacrylonitrile	7.32	41	7850m	5.949	ug/l	
42) 1,2-Dichloroethane	8.25	62	40258	9.475	ug/l	99
43) Isopropyl Acetate	8.28	43	45191	7.757	ug/l	98
44) Trichloroethene	8.94	130	50719	10.547	ug/l	95
45) 1,2-Dichloropropane	9.23	63	37516	8.543	ug/l	98
46) Dibromomethane	9.31	93	21407	9.343	ug/l	98
47) Bromodichloromethane	9.50	83	49012	9.268	ug/l	97
48) Methyl methacrylate	9.30	41	19311	7.822	ug/l	97
49) 1,4-Dioxane	9.31	88	6905	206.374	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	104620	35.013	ug/l	99
52) Toluene	10.25	92	99689	9.123	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	49855	8.716	ug/l	93
54) cis-1,3-Dichloropropene	9.93	75	57203	8.382	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	30250	8.768	ug/l	94
56) Ethyl methacrylate	10.51	69	38763	8.060	ug/l	93
57) 1,3-Dichloropropane	10.79	76	51274	8.581	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	70227	38.132	ug/l	97
59) 2-Hexanone	10.83	43	69771	33.308	ug/l	99
60) Dibromochloromethane	10.99	129	37401	10.007	ug/l	99
61) 1,2-Dibromoethane	11.09	107	30907	9.331	ug/l	99
64) Tetrachloroethene	10.72	164	51130	10.704	ug/l	98
65) Chlorobenzene	11.52	112	119213	10.560	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	41814	11.144	ug/l	98
67) Ethyl Benzene	11.60	91	205975	10.203	ug/l	98
68) m/p-Xylenes	11.70	106	163915	21.288	ug/l	99
69) o-Xylene	12.03	106	77391	10.685	ug/l	97
70) Styrene	12.05	104	129420	10.507	ug/l	100
71) Bromoform	12.21	173	22696	10.875	ug/l #	93
73) Isopropylbenzene	12.33	105	205920	10.175	ug/l	100
74) N-amyl acetate	12.14	43	37499	7.417	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	35372	9.084	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	26799m	8.420	ug/l	
77) Bromobenzene	12.61	156	50592	11.033	ug/l	93
78) n-propylbenzene	12.67	91	234465	9.542	ug/l	100
79) 2-Chlorotoluene	12.75	91	132274	9.770	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	171925	10.345	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	12393	8.384	ug/l #	84
82) 4-Chlorotoluene	12.86	91	135179	9.648	ug/l	98
83) tert-Butylbenzene	13.08	119	144057	10.246	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	171131	10.279	ug/l	99
85) sec-Butylbenzene	13.25	105	205503	10.000	ug/l	98
86) p-Isopropyltoluene	13.37	119	184590	10.356	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	94159	10.750	ug/l	96
88) 1,4-Dichlorobenzene	13.44	146	93316	10.554	ug/l	96
89) n-Butylbenzene	13.70	91	171557	9.684	ug/l	99
90) Hexachloroethane	13.96	117	34197	10.250	ug/l	94
91) 1,2-Dichlorobenzene	13.74	146	85436	10.585	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	6281	9.685	ug/l	98

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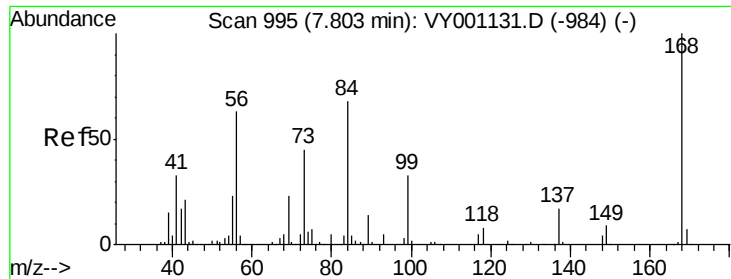
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	59692	10.938	ug/l	96
94) Hexachlorobutadiene	15.11	225	29968	11.397	ug/l	99
95) Naphthalene	15.23	128	135003	10.628	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	51664	10.616	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC010

Tot Ion:168 Resp: 375906

Ion Ratio Lower Upper

168 100

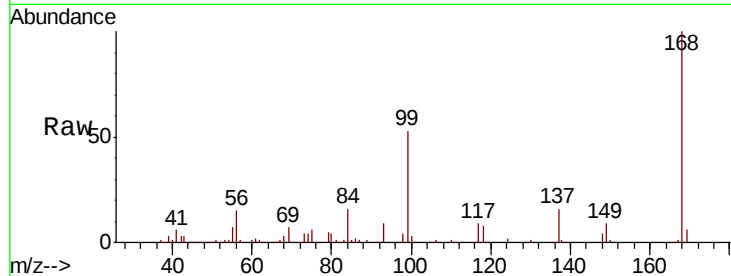
99 53.3 42.5 63.7

Manual Integrations

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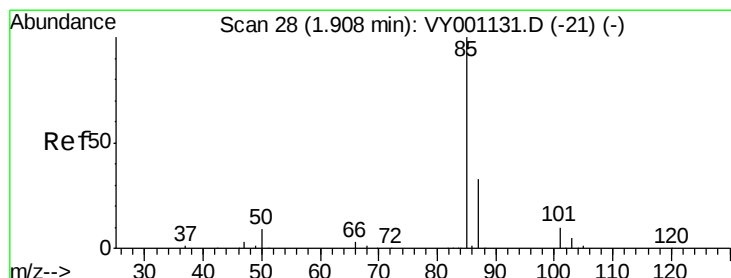
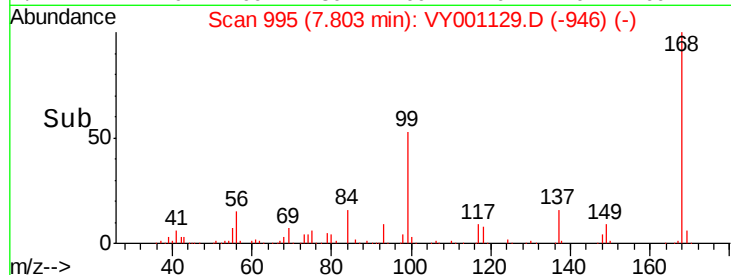
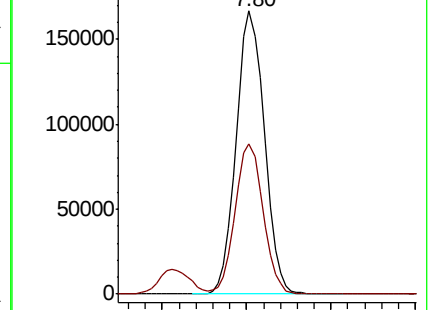
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Abundance Ion 167.90 (167.60 to 168.60): VY001131.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY001131.D (-984) (-)



#2

Dichlorodifluoromethane

Concen: 8.445 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY001129.D

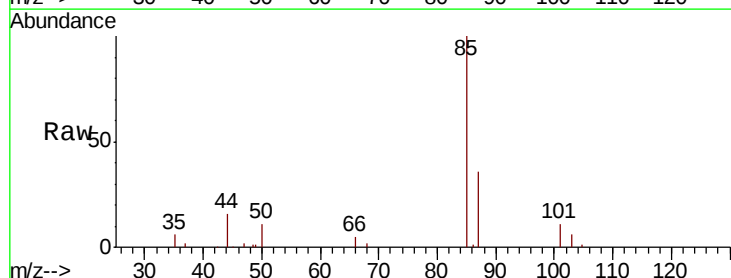
Acq: 02 Jan 2020 11:03

Tgt Ion: 85 Resp: 27659

Ion Ratio Lower Upper

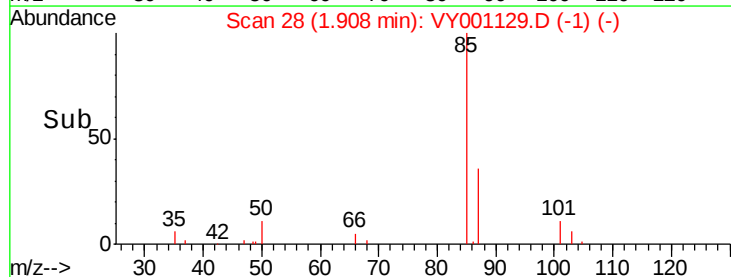
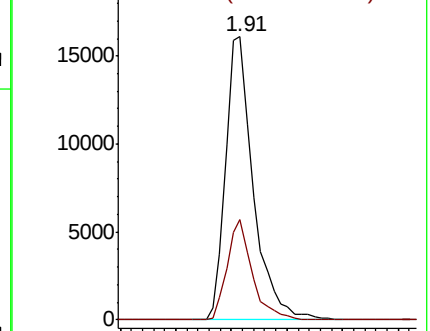
85 100

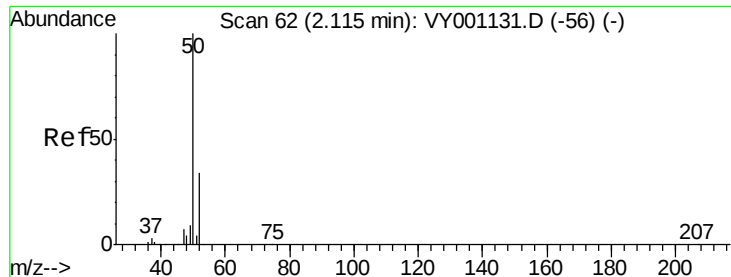
87 35.6 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VY001131.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY001131.D (-21) (-)





#3

Chloromethane

Concen: 4.186 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 17063

Ion Ratio Lower Upper

50 100

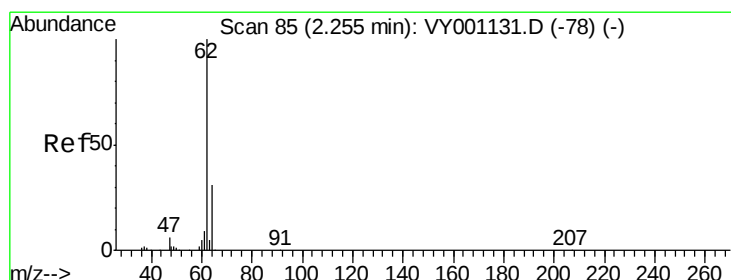
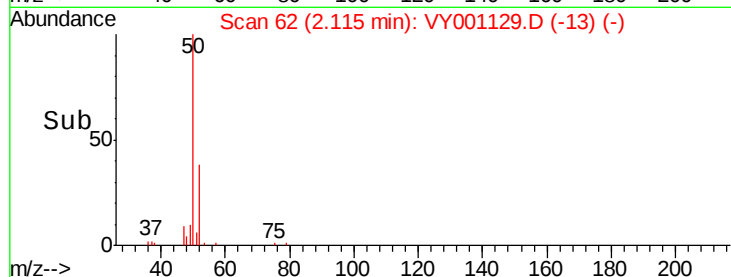
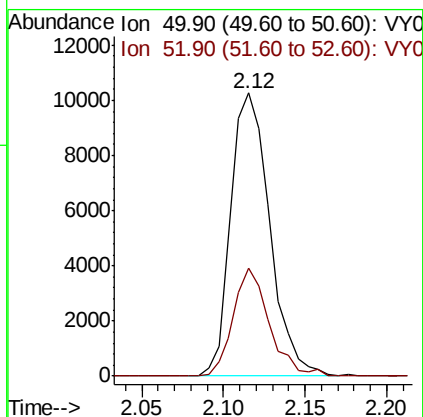
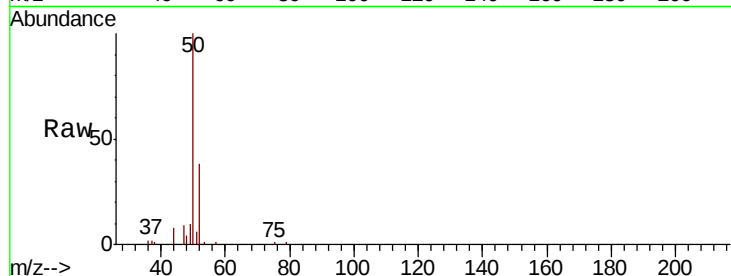
52 38.3 27.3 40.9

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#4

Vinyl Chloride

Concen: 4.074 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY001129.D

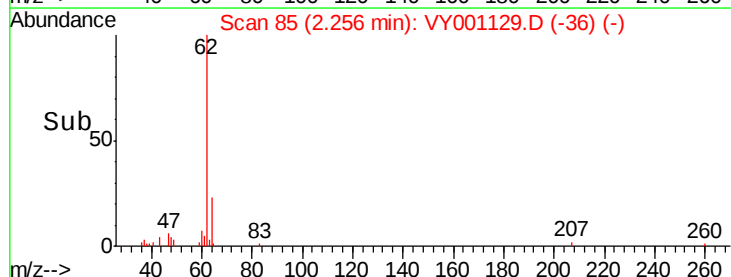
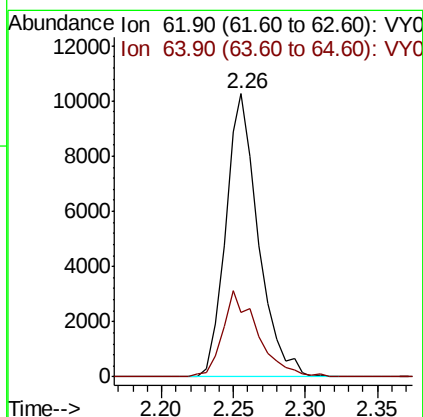
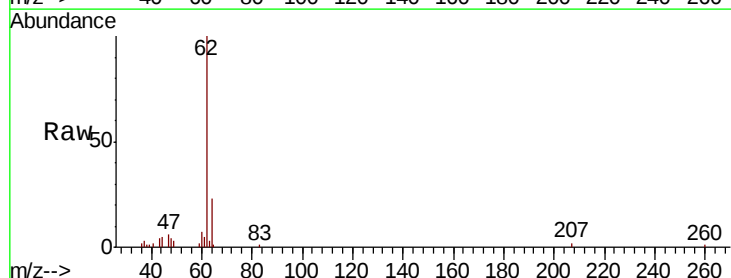
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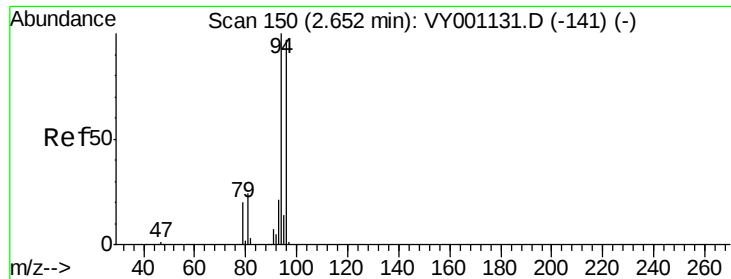
Tgt Ion: 62 Resp: 16228

Ion Ratio Lower Upper

62 100

64 22.9 24.4 36.6#





#5

Bromomethane

Concen: 5.795 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 14373

Ion Ratio Lower Upper

94 100

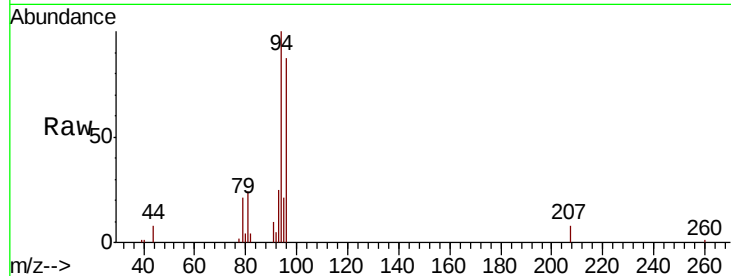
96 87.1 77.3 115.9

Manual Integrations

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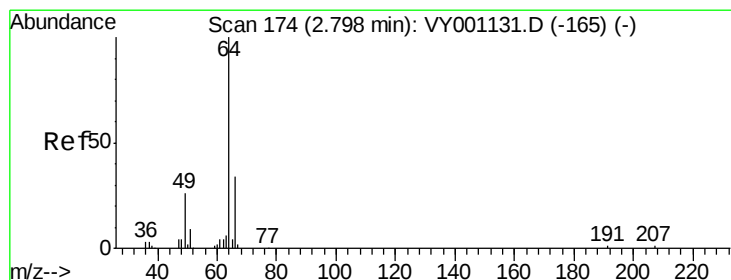
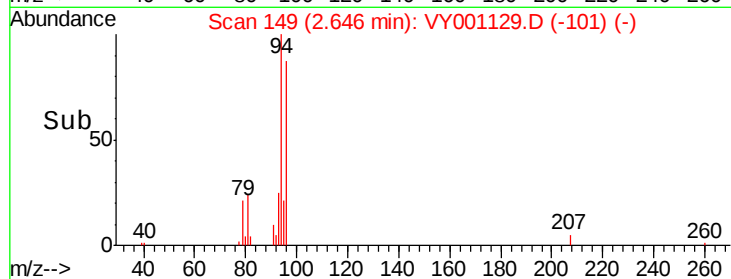
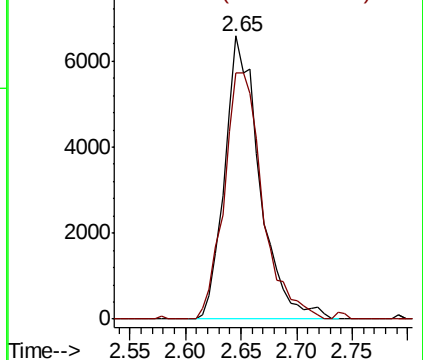
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 5.163 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY001129.D

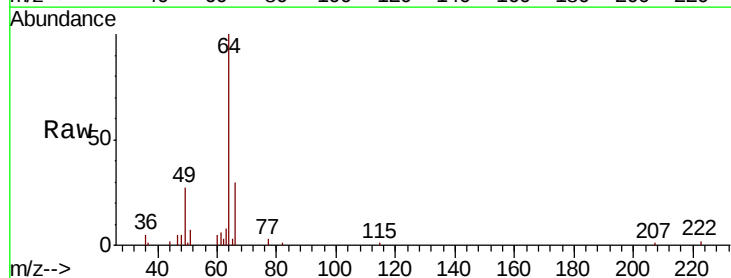
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Tgt Ion: 64 Resp: 12775

Ion Ratio Lower Upper

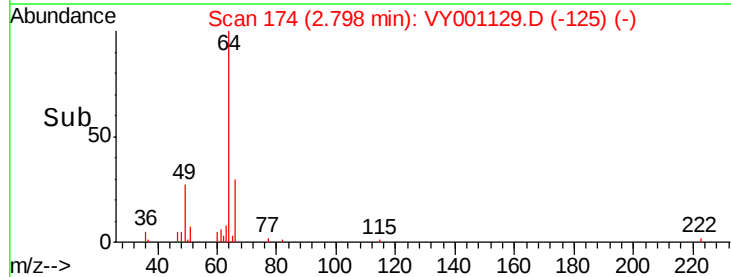
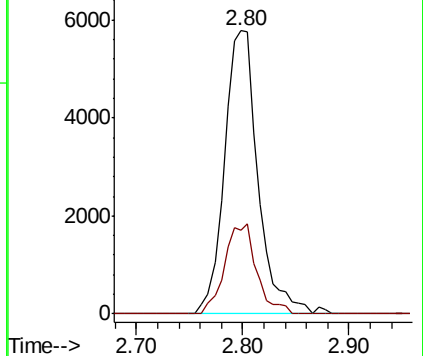
64 100

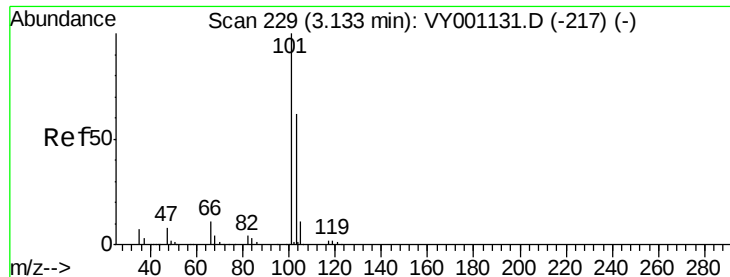
66 29.8 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

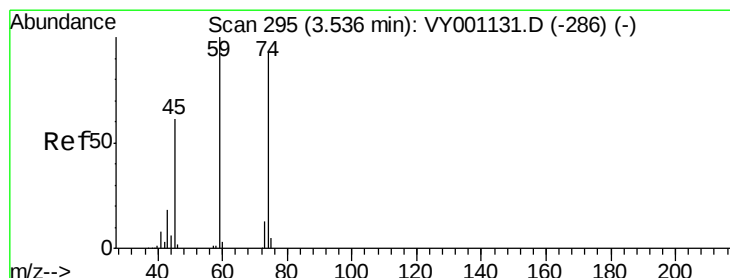
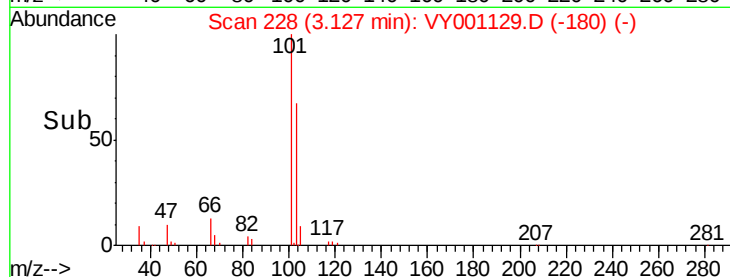
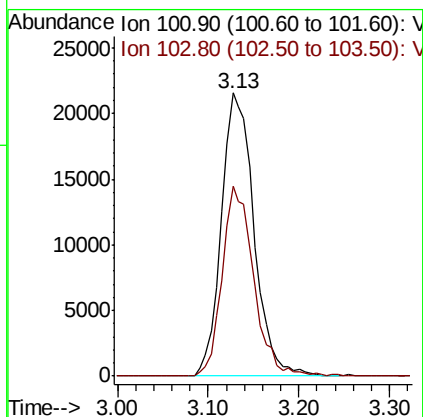
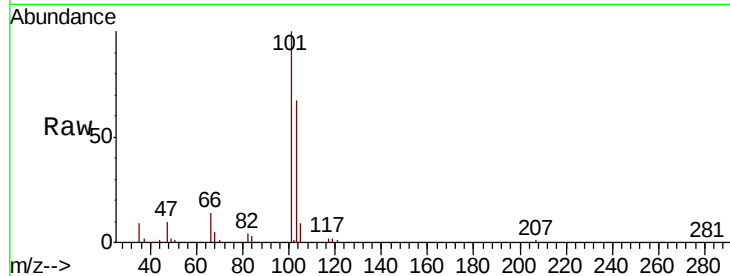
Trichlorofluoromethane
 Concen: 8.677 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VY001129.D
 Acq: 02 Jan 2020 11:03

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Tot Ion:101 Resp: 53743
 Ion Ratio Lower Upper
 101 100
 103 66.9 49.7 74.5

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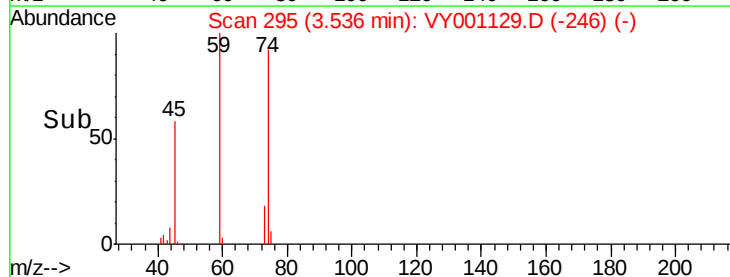
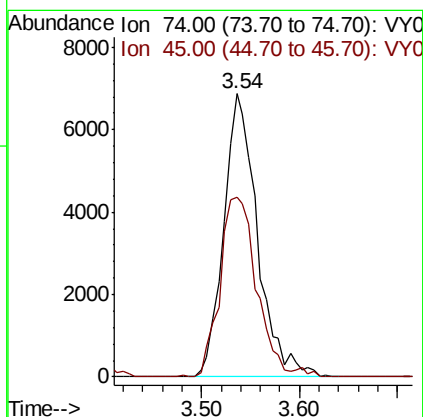
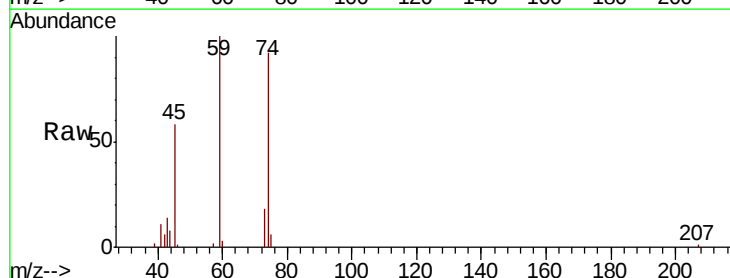
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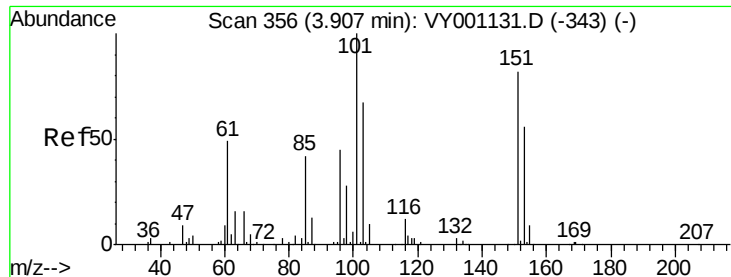


#8

Diethyl Ether
 Concen: 6.680 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY001129.D
 Acq: 02 Jan 2020 11:03

Tgt Ion: 74 Resp: 16378
 Ion Ratio Lower Upper
 74 100
 45 68.4 33.2 99.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 7.898 ug/l

RT: 3.91 min Scan# 357

Delta R.T. 0.01 min

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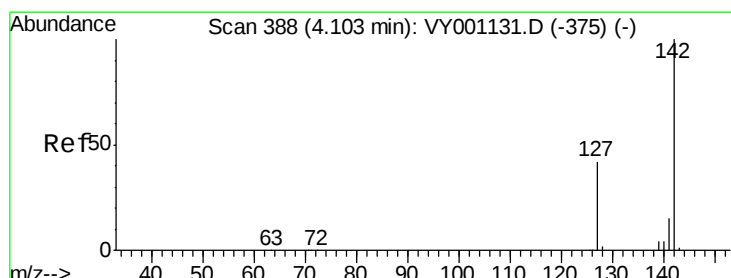
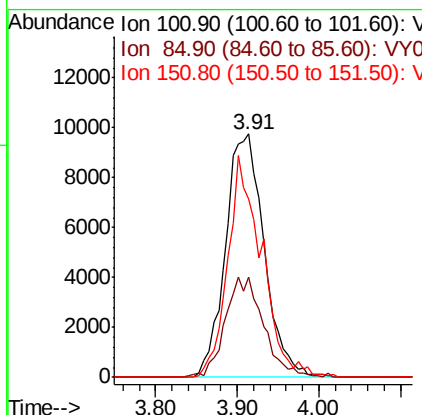
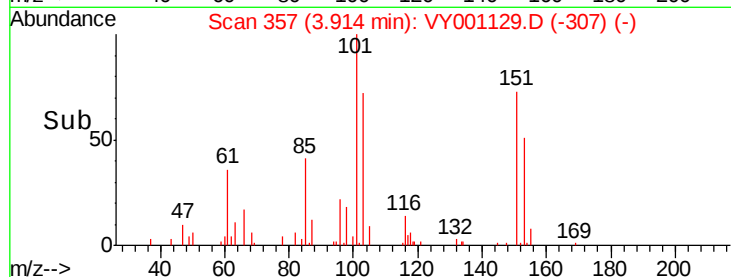
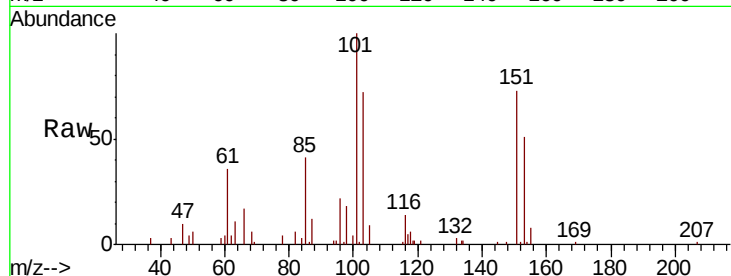
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	32008
Ion Ratio	Lower	Upper	
101	100		
85	40.9	32.8	49.2
151	80.4	67.4	101.0

Manual Integrations
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#10

Methyl Iodide

Concen: 7.753 ug/l

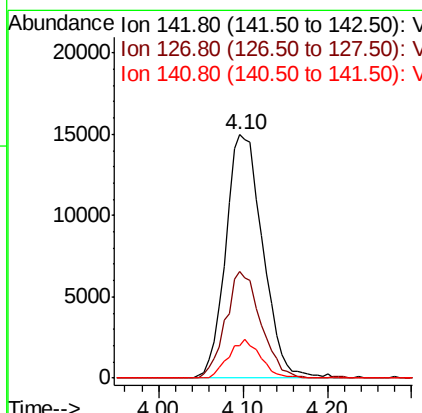
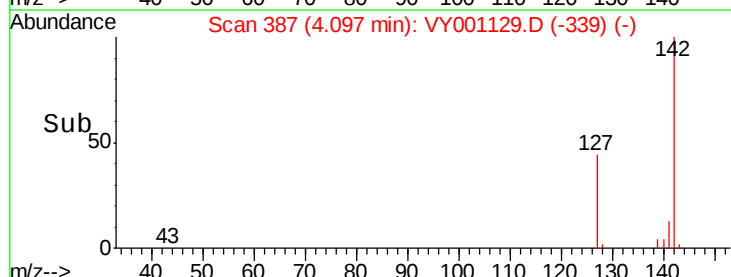
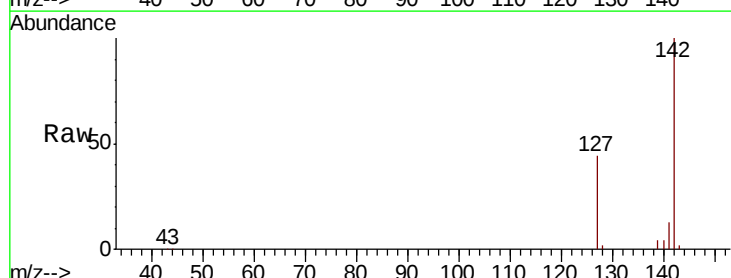
RT: 4.10 min Scan# 387

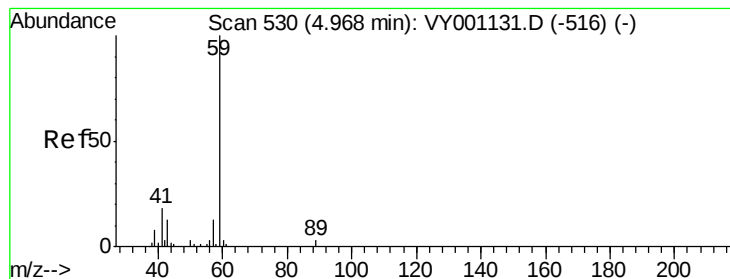
Delta R.T. -0.01 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Tgt Ion:	142	Resp:	44700
Ion Ratio	Lower	Upper	
142	100		
127	41.6	32.2	48.4
141	13.6	11.1	16.7





#11

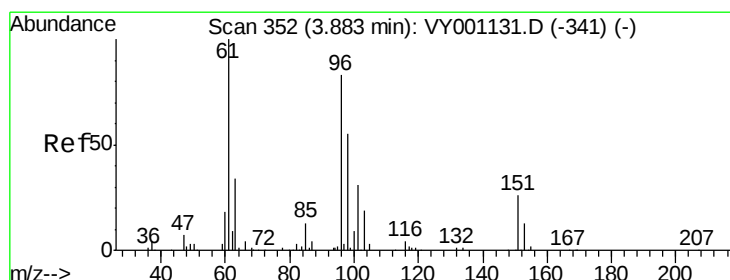
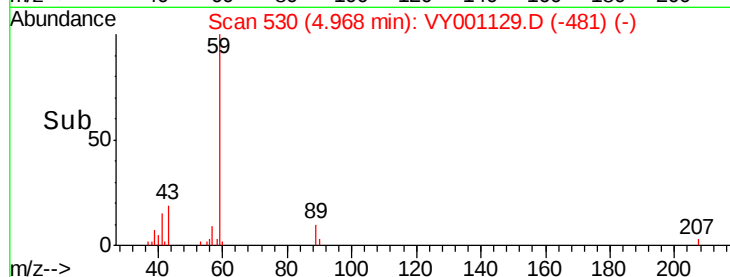
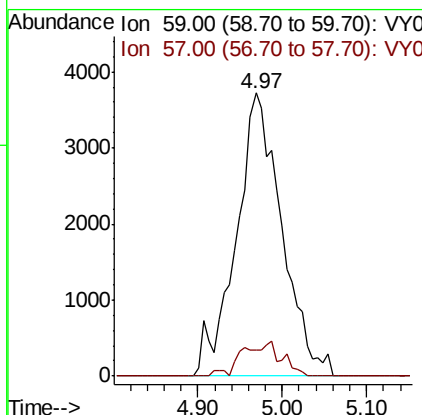
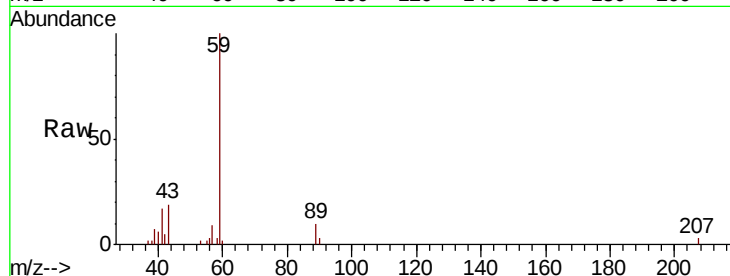
Tert butyl alcohol
 Concen: 34.544 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY001129.D
 Acq: 02 Jan 2020 11:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.7	7.8	11.6#

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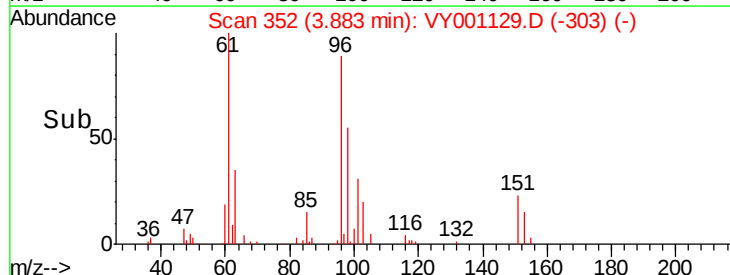
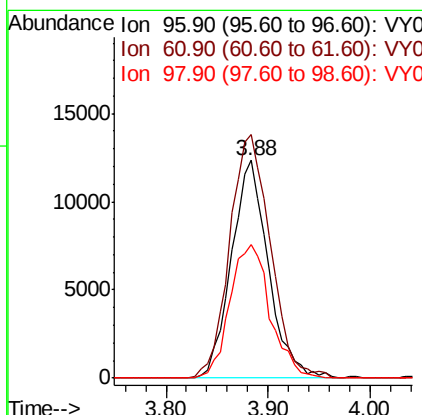
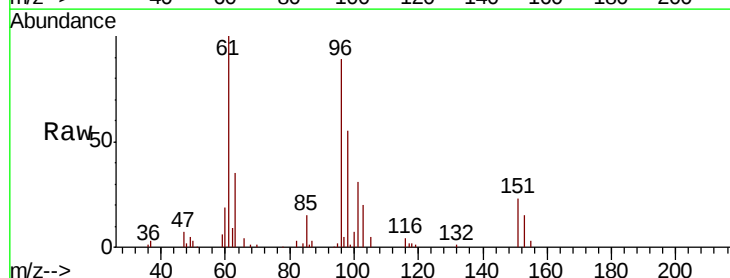
apatel
 1/3/2020 11:11:13 AM

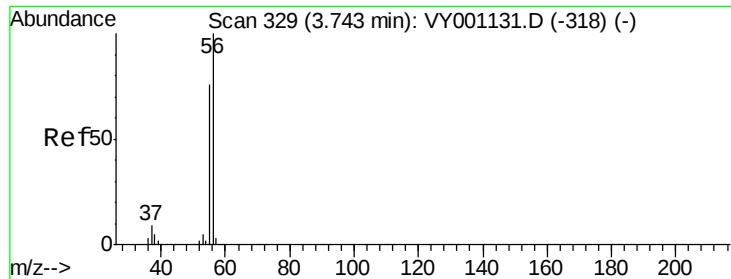


#12

1,1-Dichloroethene
 Concen: 7.531 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VY001129.D
 Acq: 02 Jan 2020 11:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	111.9	96.2	144.4
98	61.5	52.8	79.2





#13

Acrolein

Concen: 29.231 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 13354

Ion Ratio Lower Upper

56 100

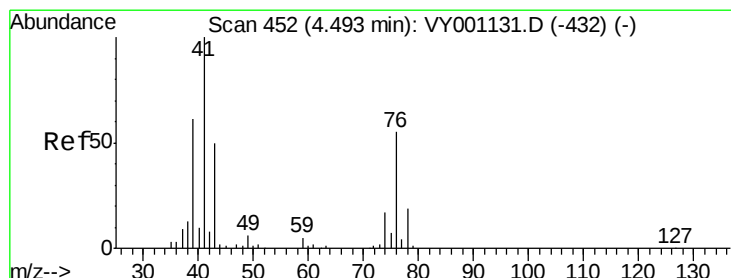
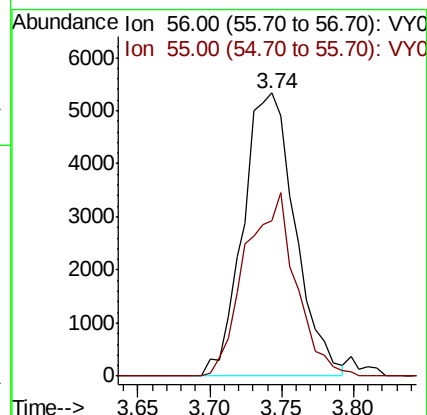
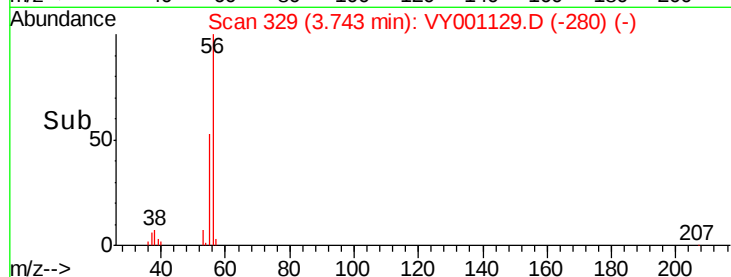
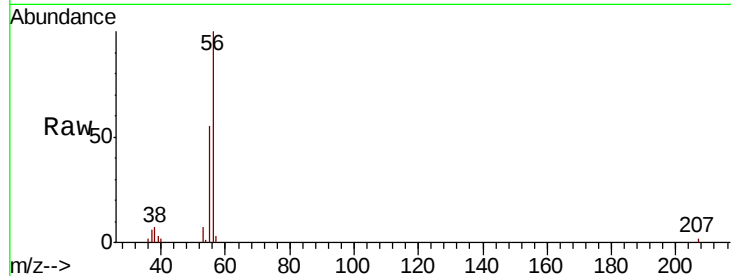
55 63.2 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 4.831 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

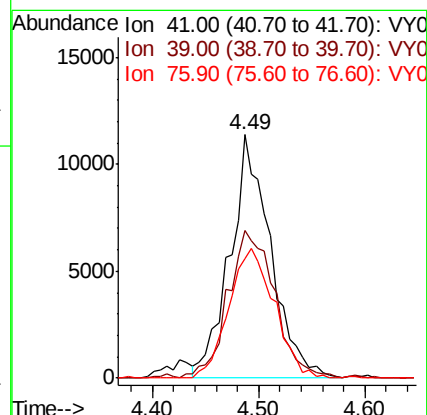
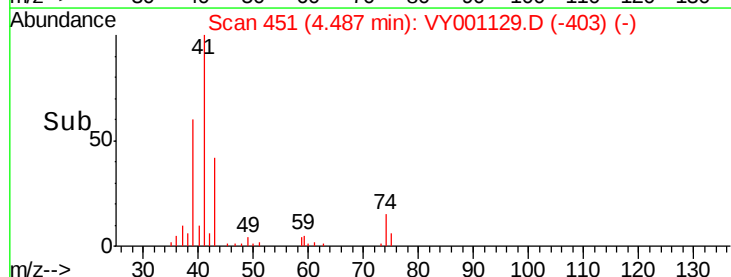
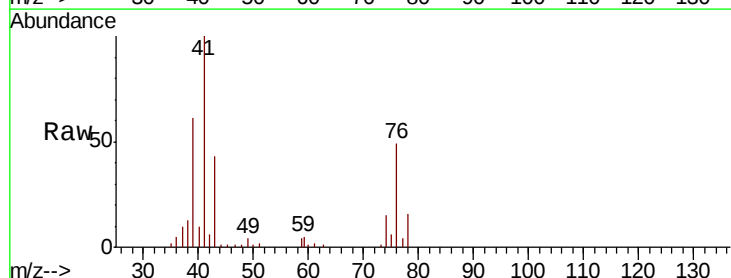
Tgt Ion: 41 Resp: 30395

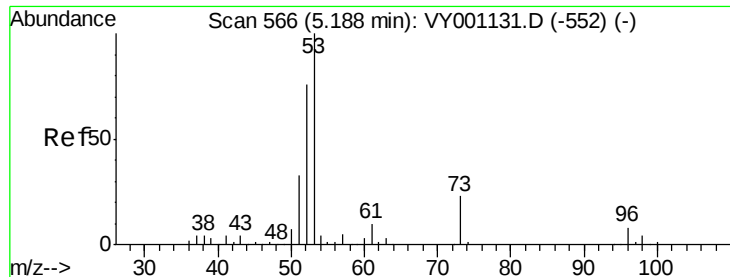
Ion Ratio Lower Upper

41 100

39 69.8 50.1 75.1

76 59.6 42.1 63.1





#15

Acrylonitrile

Concen: 26.891 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

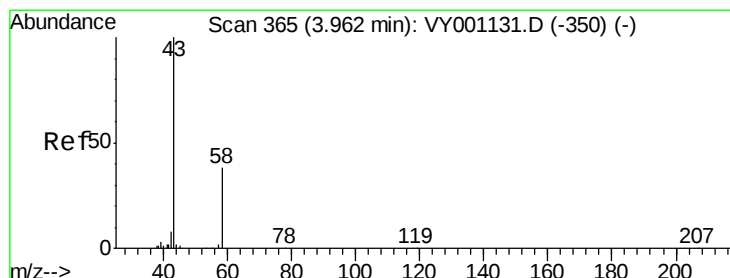
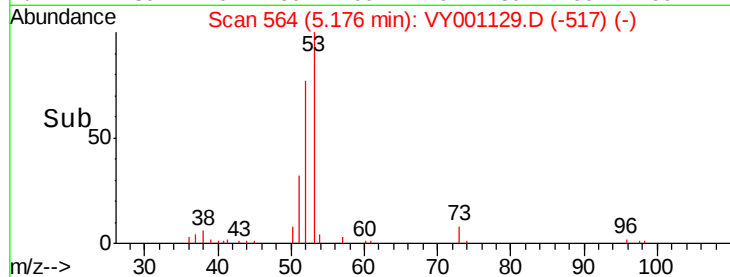
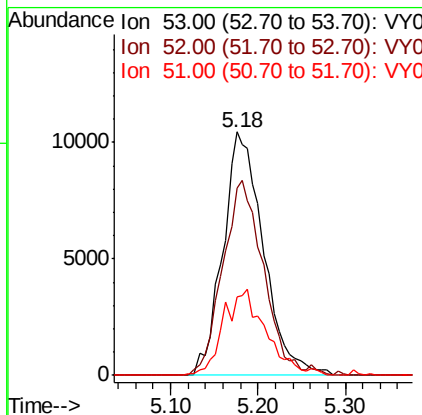
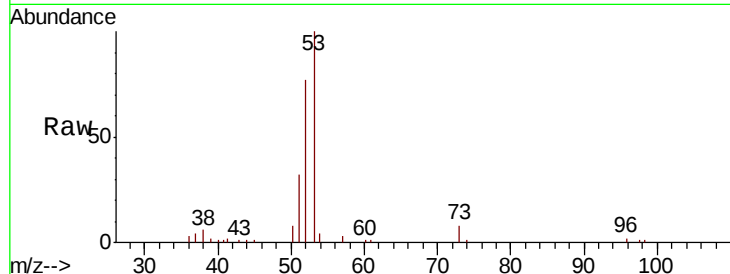
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	33559
Ion	Ratio	Lower	Upper
53	100		
52	79.9	63.0	94.4
51	36.4	26.1	39.1

Manual Integrations
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#16

Acetone

Concen: 34.974 ug/l

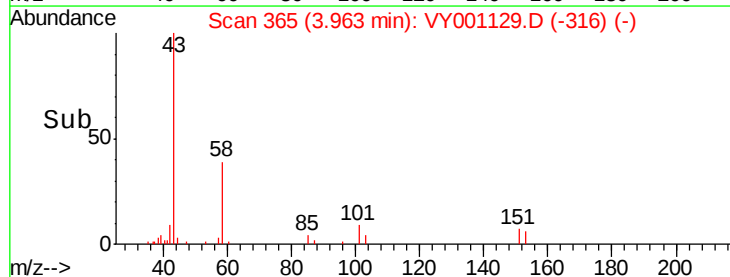
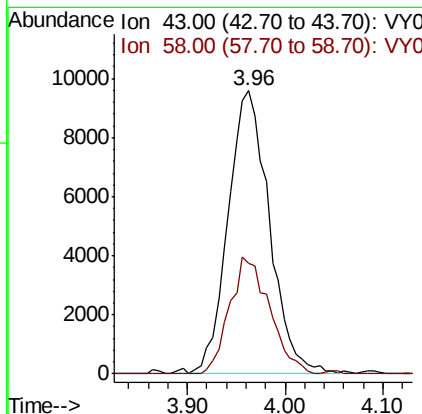
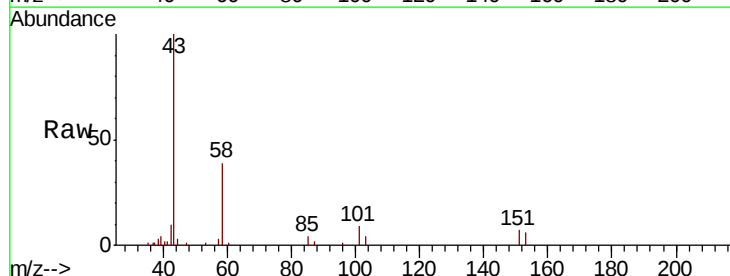
RT: 3.96 min Scan# 365

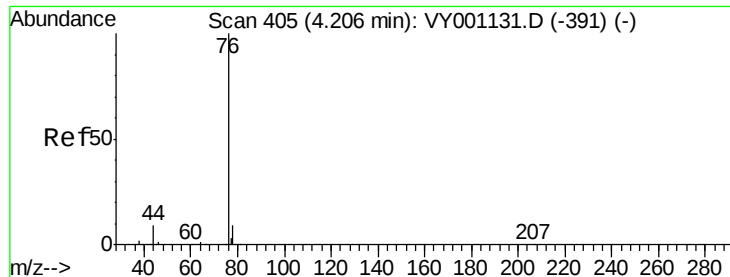
Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Tgt Ion:	43	Resp:	28166
Ion	Ratio	Lower	Upper
43	100		
58	39.0	30.6	46.0





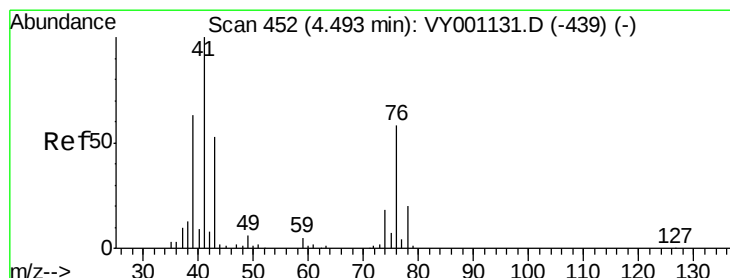
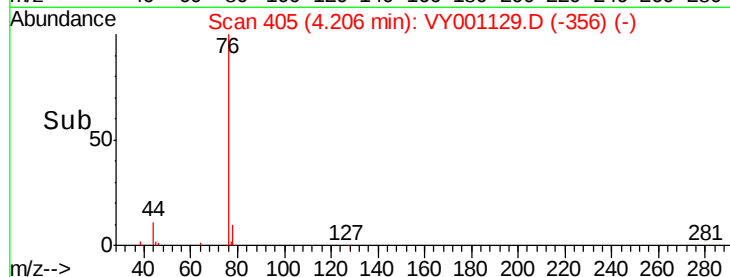
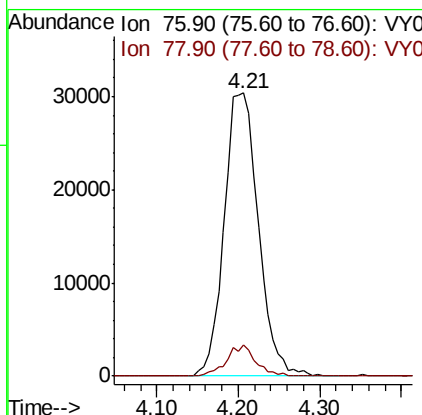
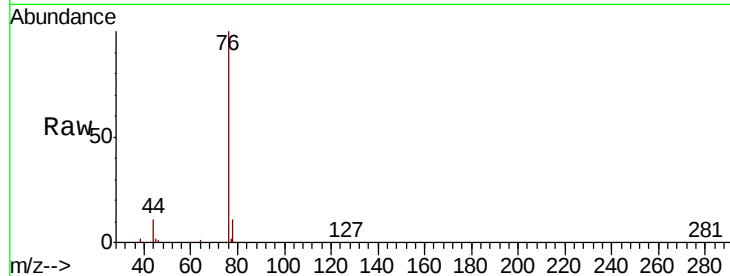
#17
Carbon Disulfide
Concen: 6.507 ug/l
RT: 4.21 min Scan# 405
Delta R.T. 0.00 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.8	7.4	11.0

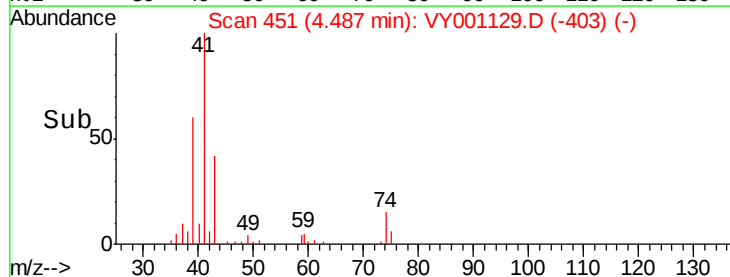
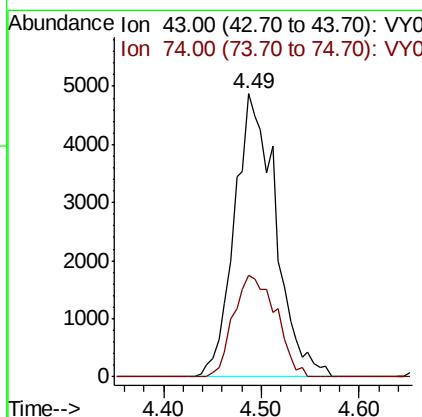
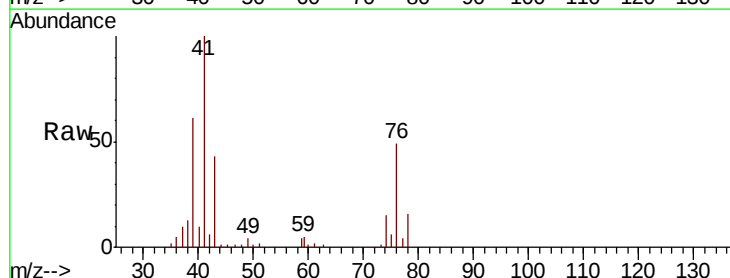
Manual Integrations
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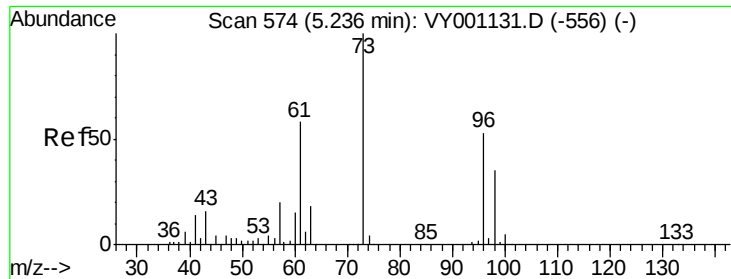
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#18
Methyl Acetate
Concen: 4.568 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	36.7	27.3	40.9





#19

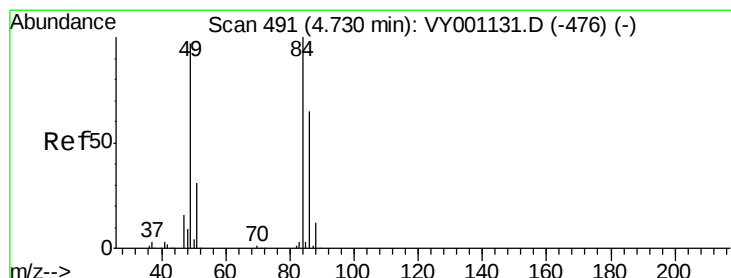
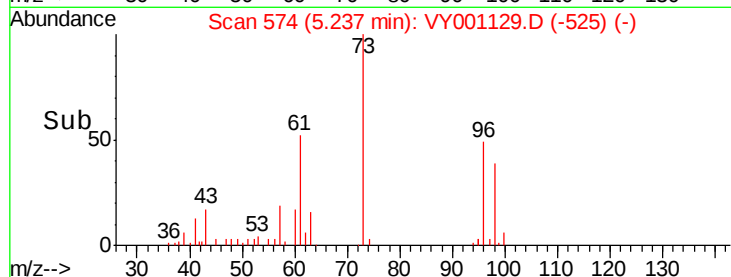
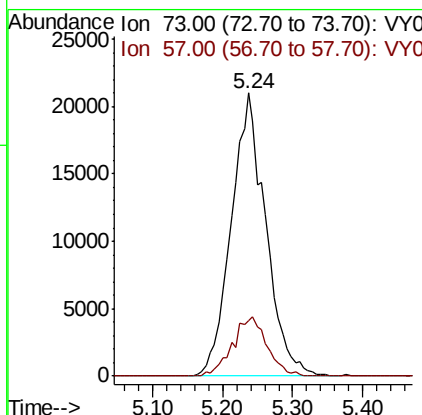
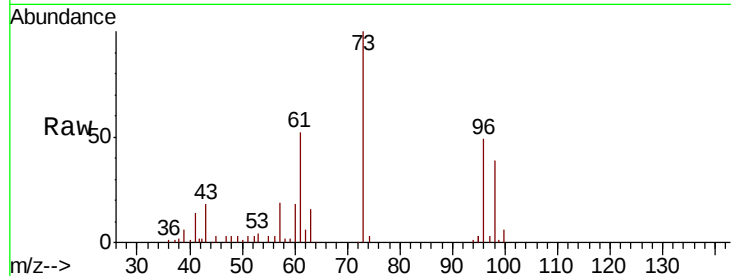
Methyl tert-butyl Ether
 Concen: 6.687 ug/l
 RT: 5.24 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: VY001129.D
 Acq: 02 Jan 2020 11:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion: 73 Resp: 71908
 Ion Ratio Lower Upper
 73 100
 57 19.5 16.3 24.5

Manual Integrations
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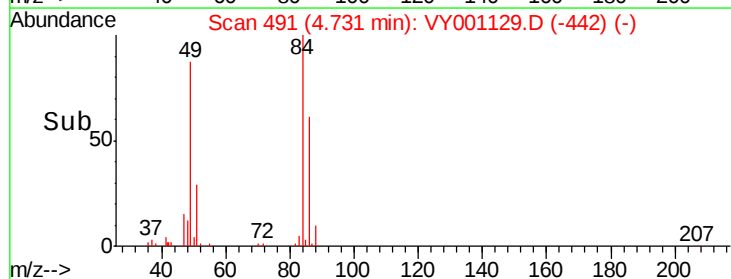
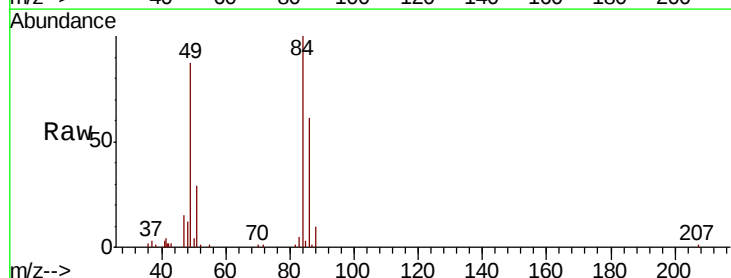
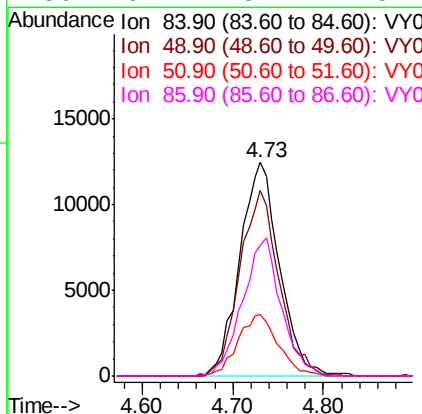
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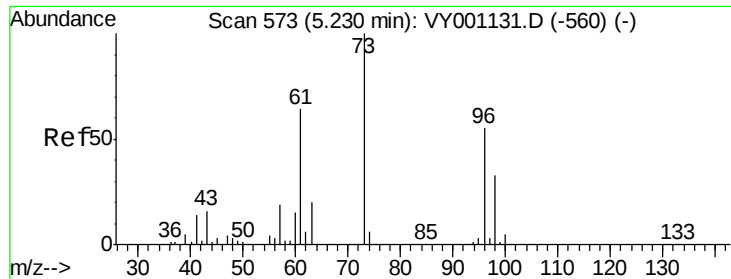


#20

Methylene Chloride
 Concen: 7.488 ug/l
 RT: 4.73 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: VY001129.D
 Acq: 02 Jan 2020 11:03

Tgt Ion: 84 Resp: 37575
 Ion Ratio Lower Upper
 84 100
 49 86.9 77.5 116.3
 51 28.7 24.7 37.1
 86 61.4 52.2 78.2





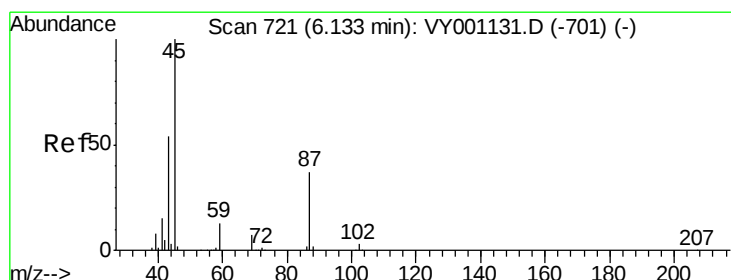
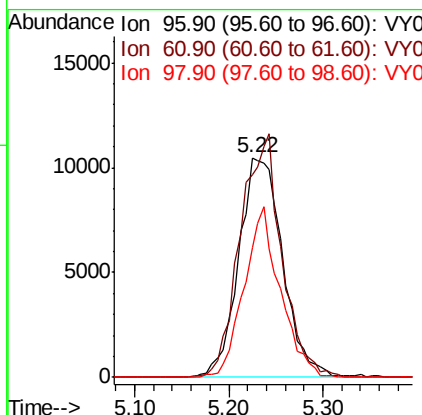
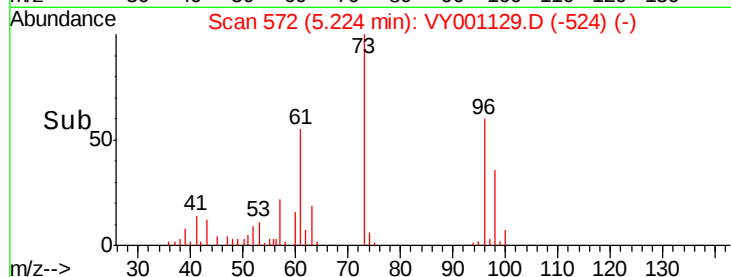
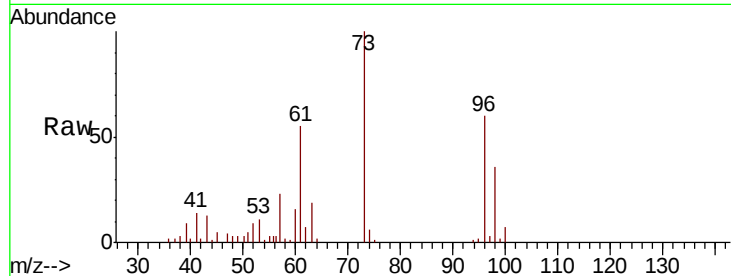
#21
trans-1,2-Dichloroethene
Concen: 7.322 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	92.1	93.2	139.8#
98	59.2	48.8	73.2

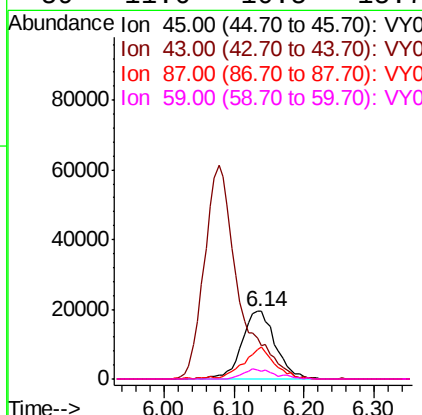
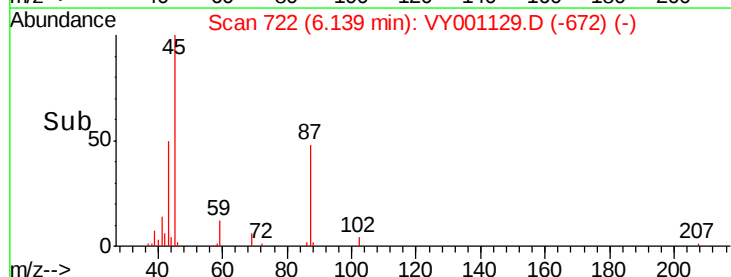
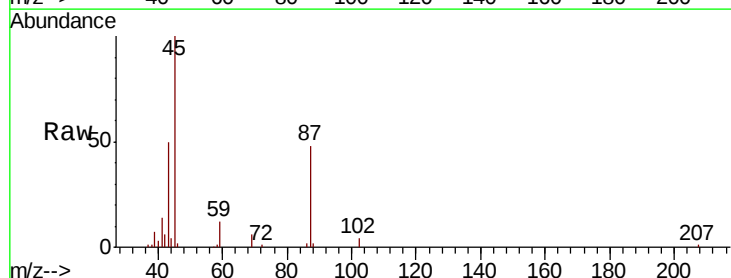
Manual Integrations
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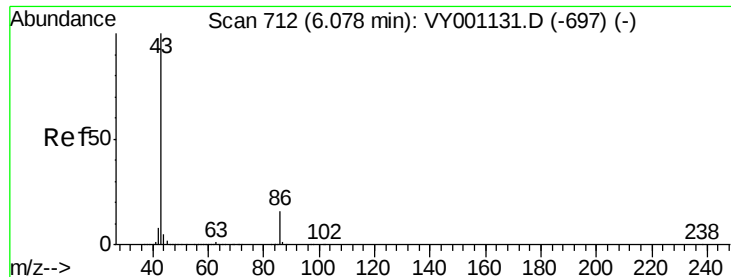
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#22
Diisopropyl ether
Concen: 5.117 ug/l
RT: 6.14 min Scan# 722
Delta R.T. 0.01 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Tgt Ion	Ratio	Lower	Upper
45	100		
43	50.1	43.7	65.5
87	47.7	30.0	45.0#
59	11.6	10.5	15.7





#23

Vinyl Acetate

Concen: 25.954 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 206962

Ion Ratio Lower Upper

43 100

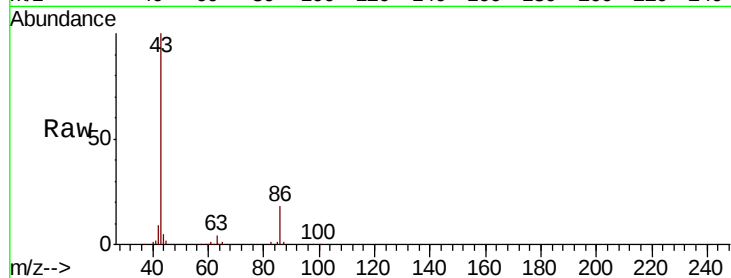
86 18.4 12.6 18.8

Manual Integrations

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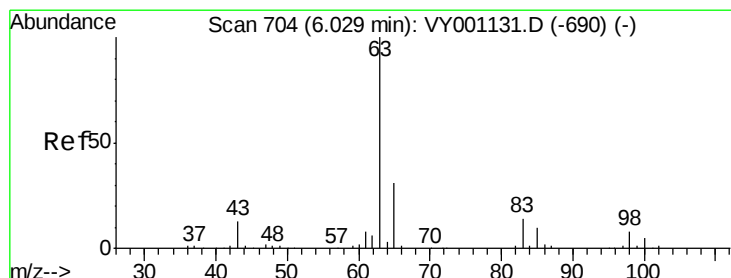
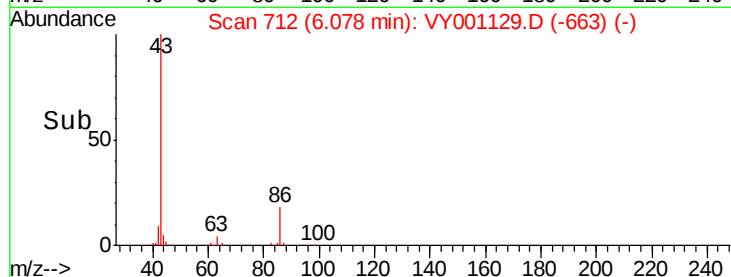
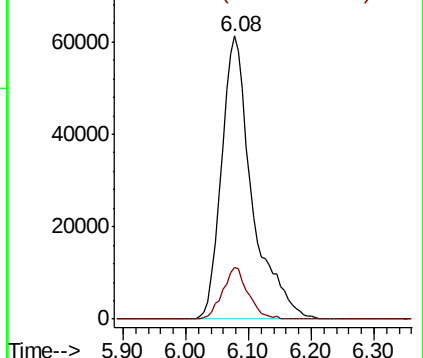
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 6.018 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

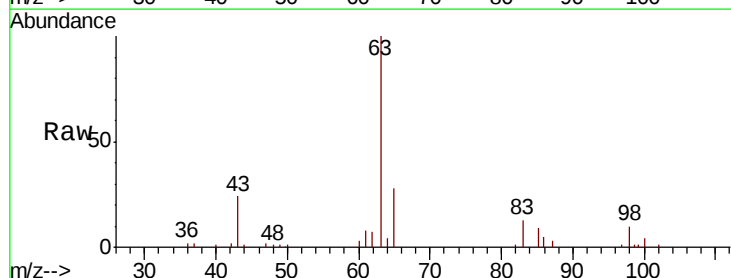
Tgt Ion: 63 Resp: 45951

Ion Ratio Lower Upper

63 100

98 9.7 4.1 12.3

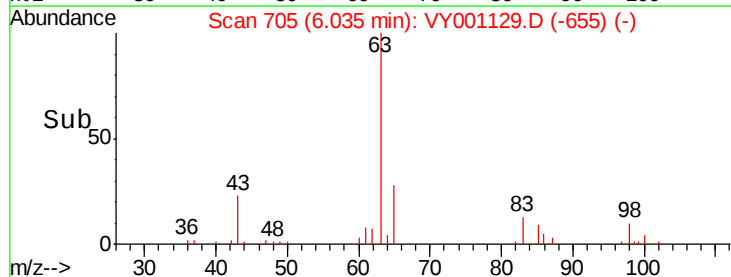
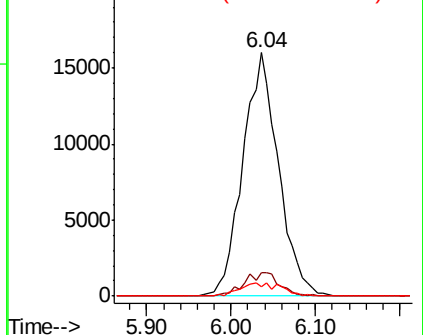
100 4.0 2.5 7.6

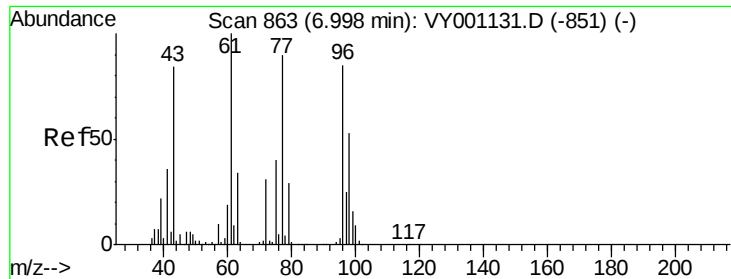


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 31.463 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 44868

Ion Ratio Lower Upper

43 100

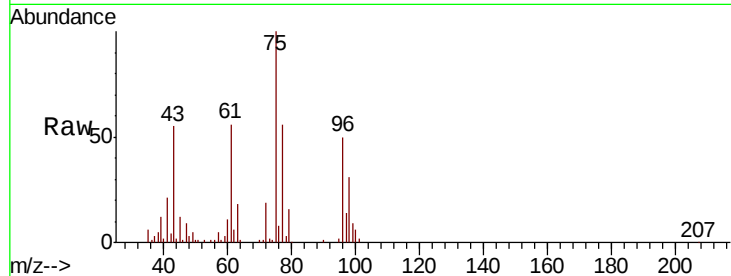
72 34.1 29.5 44.3

Manual Integrations

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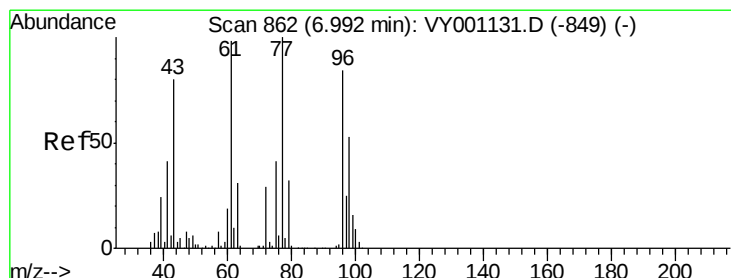
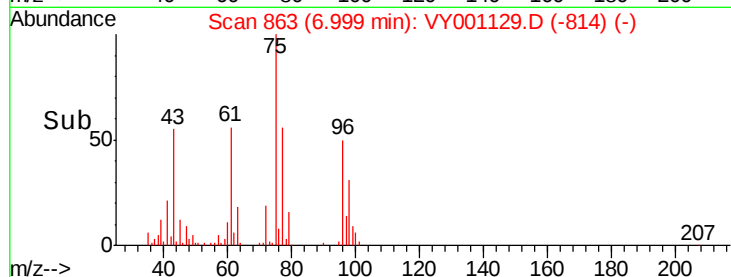
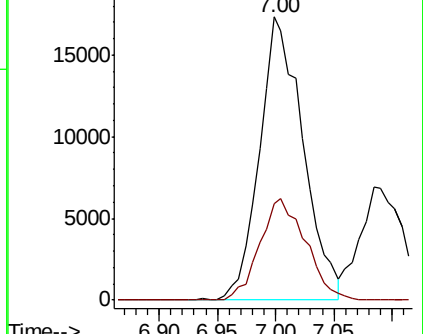
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 8.365 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY001129.D

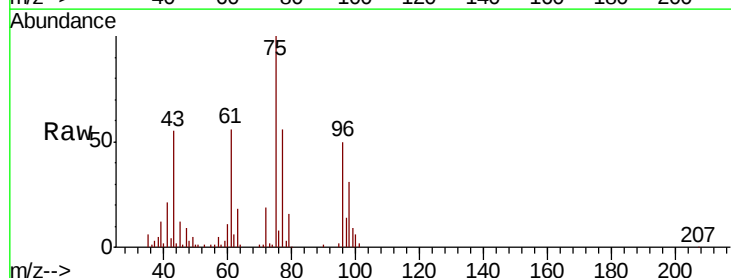
Acq: 02 Jan 2020 11:03

Tgt Ion: 77 Resp: 53647

Ion Ratio Lower Upper

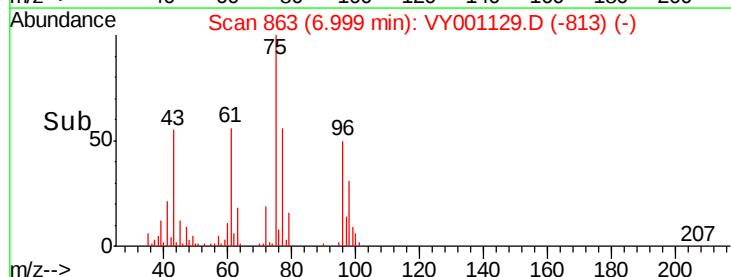
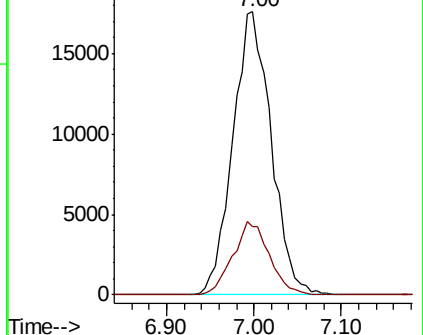
77 100

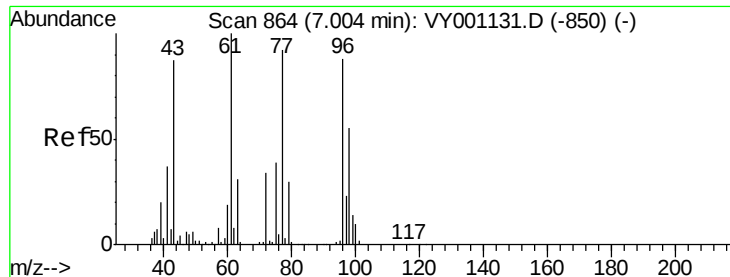
97 24.5 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

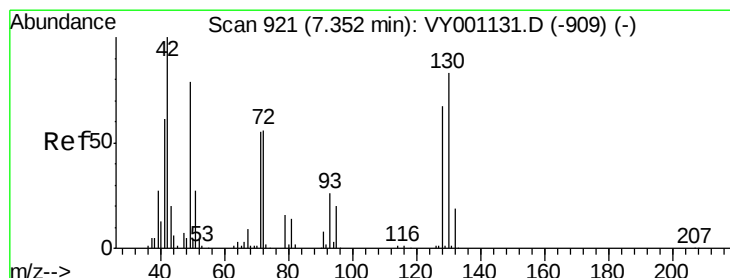
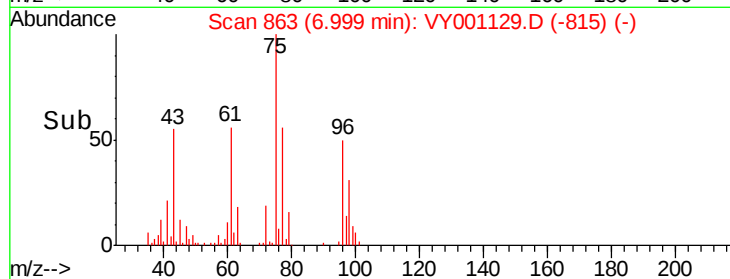
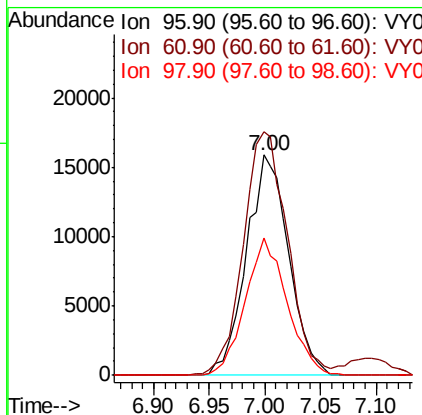
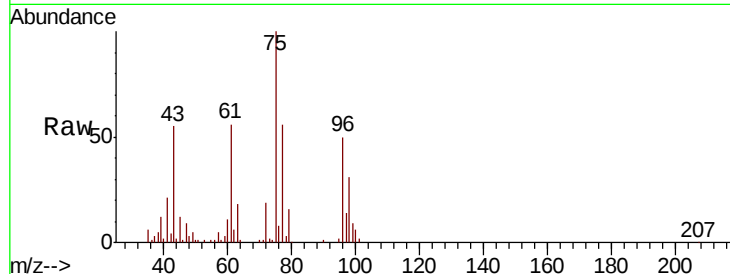
cis-1,2-Dichloroethene
Concen: 8.170 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	116.0	0.0	235.0
98	61.8	0.0	127.4

Manual Integrations
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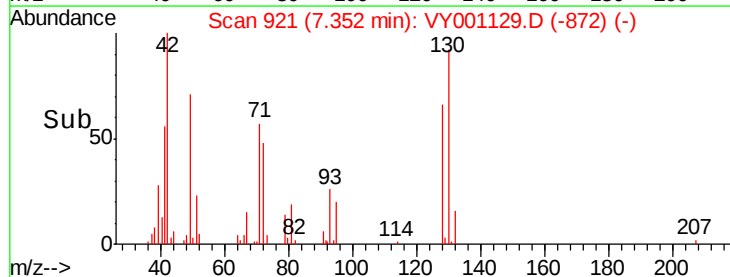
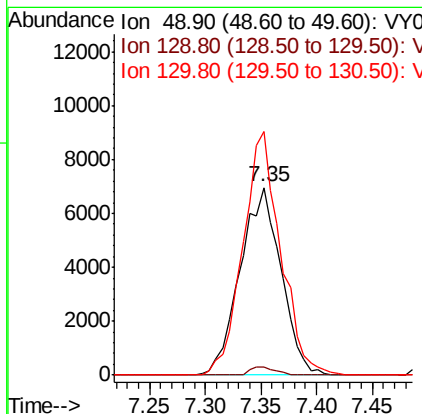
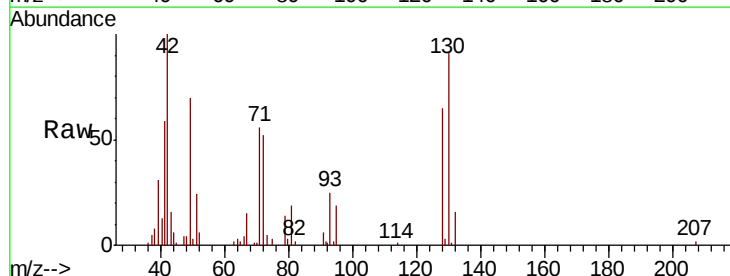
apatel
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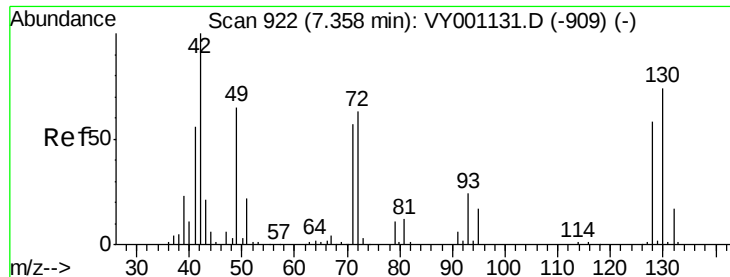


#28

Bromochloromethane
Concen: 6.111 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	6.0
130	119.7	86.9	130.3





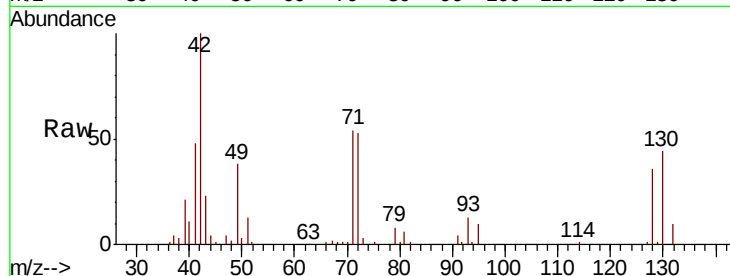
#29
Tetrahydrofuran
Concen: 31.904 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	61.7	49.0	73.6
71	55.5	45.3	67.9

Manual Integrations
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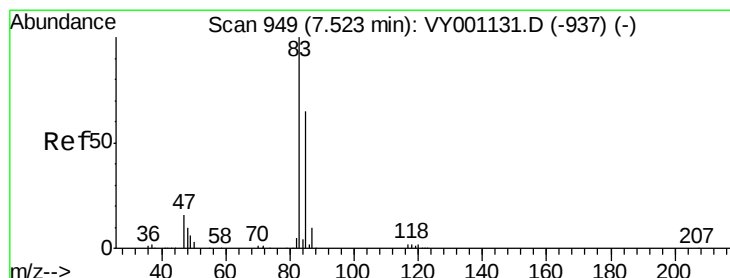
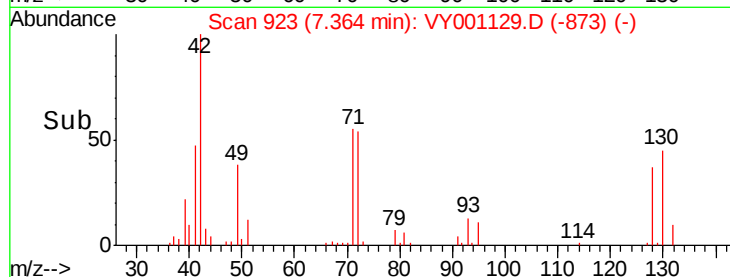
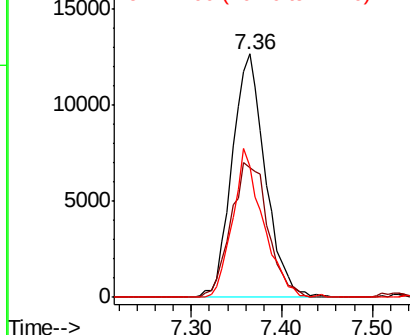


Abundance

Ion 42.00 (41.70 to 42.70): VY0

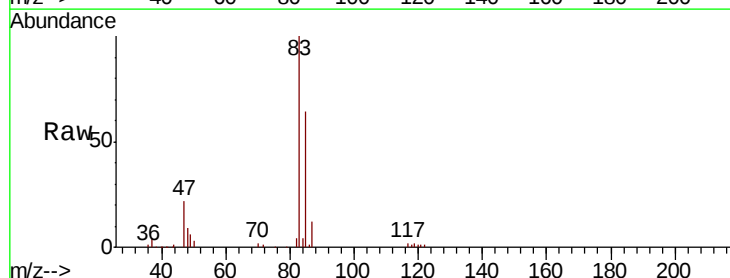
Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30
Chloroform
Concen: 8.627 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.00 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

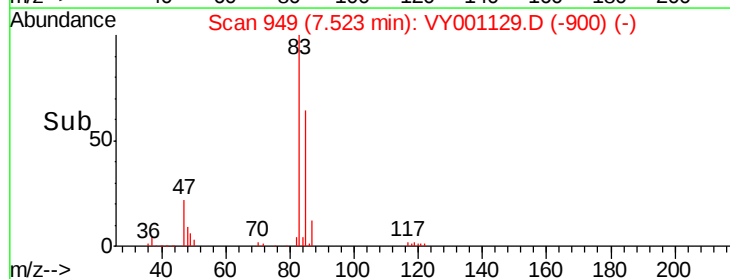
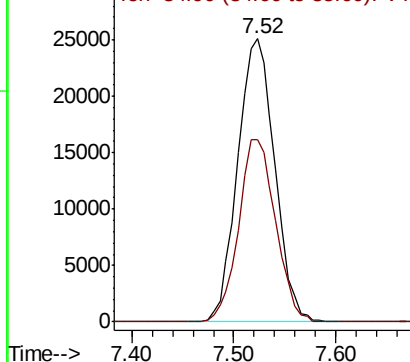
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.0	78.0

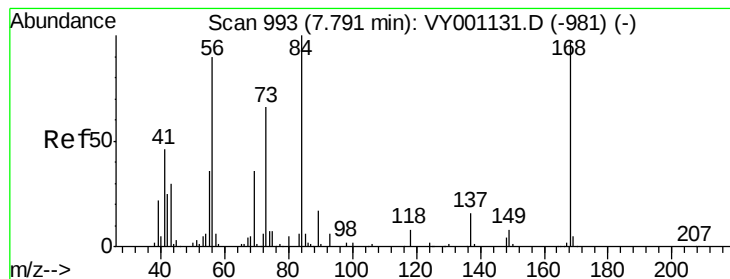


Abundance

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 8.219 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

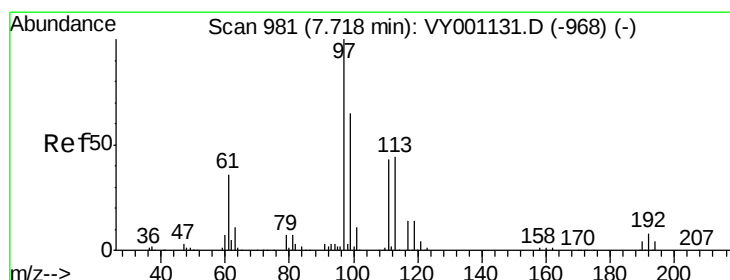
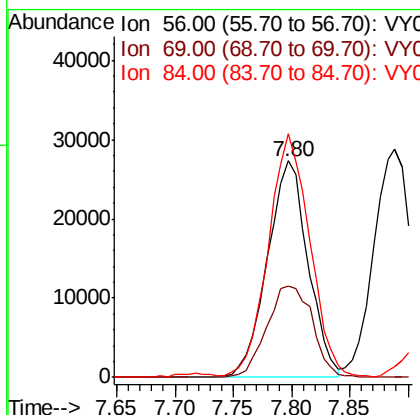
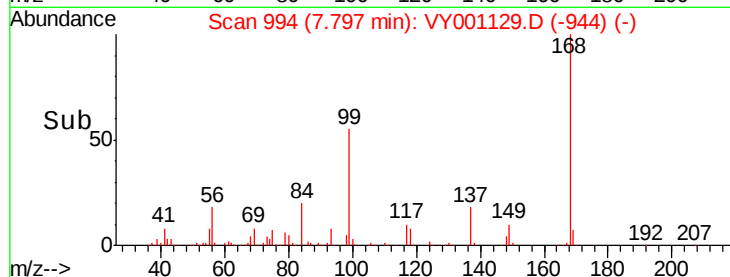
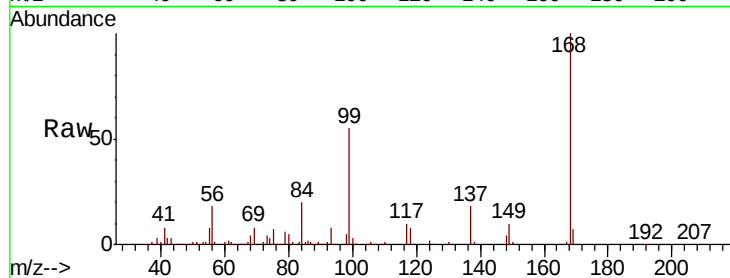
ClientSampled :

VSTDIC010

Tot Ion:	56	Resp:	65923
Ion	Ratio	Lower	Upper
56	100		
69	41.9	32.0	48.0
84	110.7	89.1	133.7

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#32

1,1,1-Trichloroethane

Concen: 9.539 ug/l

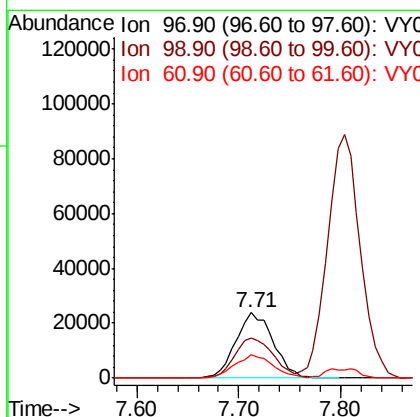
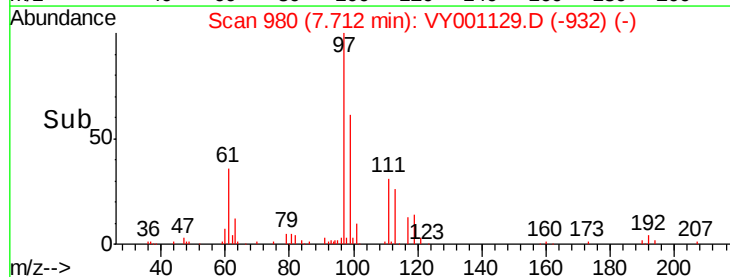
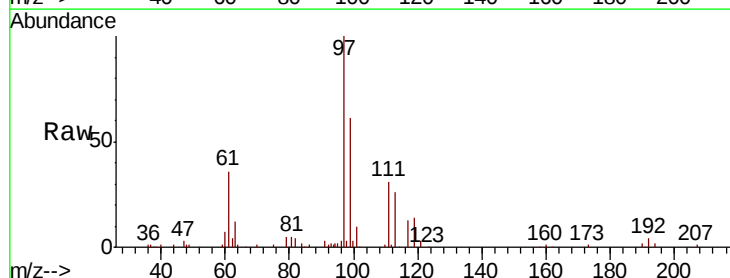
RT: 7.71 min Scan# 980

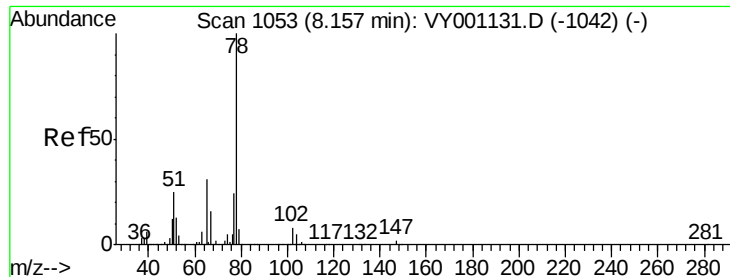
Delta R.T. -0.01 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Tgt Ion:	97	Resp:	60783
Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.0	76.6
61	36.5	29.2	43.8





#33

1,2-Dichloroethane-d4

Concen: 8.695 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 65 Resp: 31564

Ion Ratio Lower Upper

65 100

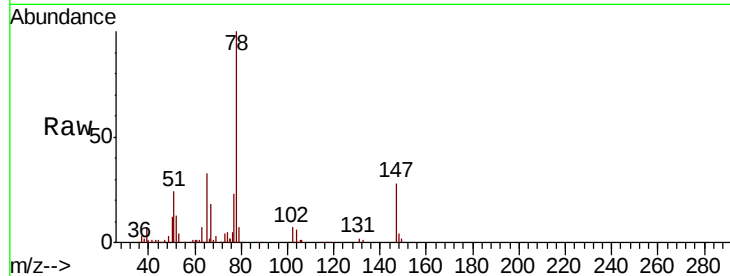
67 58.9 0.0 110.6

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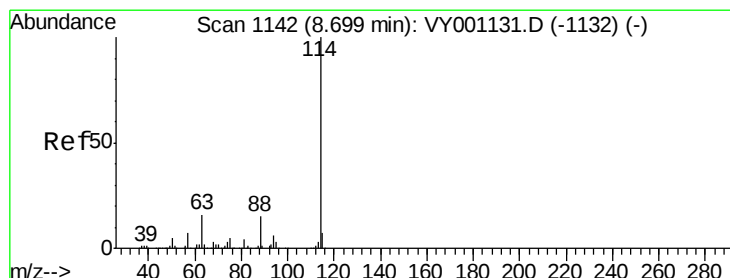
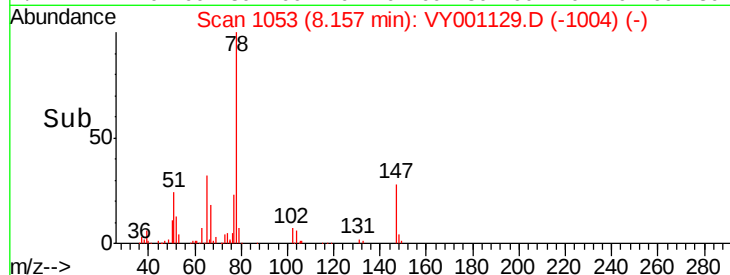
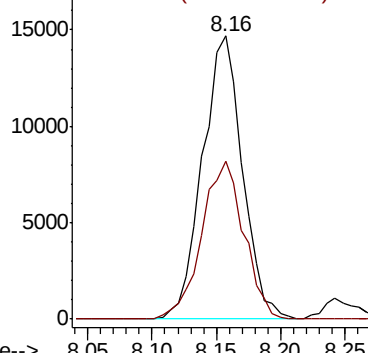
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Abundance Ion 64.90 (64.60 to 65.60): VY001129.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY001129.D (-1042) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

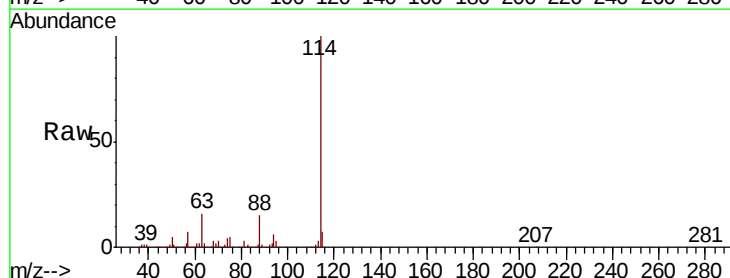
Tgt Ion: 114 Resp: 620509

Ion Ratio Lower Upper

114 100

63 15.6 0.0 33.0

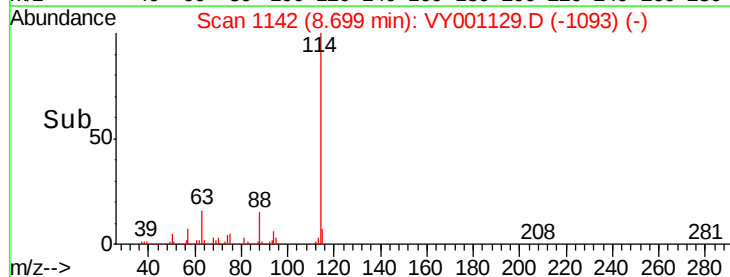
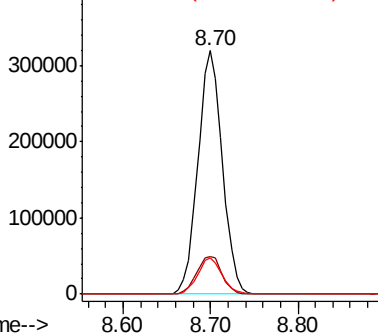
88 14.7 0.0 30.0

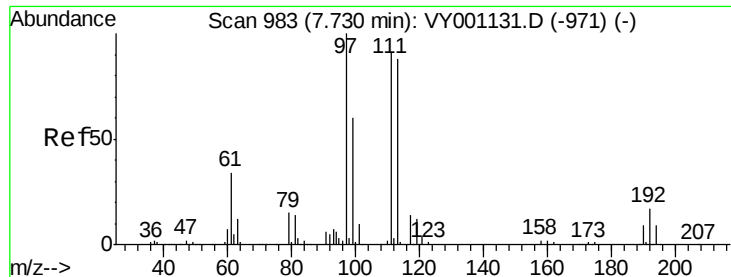


Abundance Ion 113.90 (113.60 to 114.60): VY001129.D (-1093) (-)

Ion 63.00 (62.70 to 63.70): VY001129.D (-1093) (-)

Ion 87.90 (87.60 to 88.60): VY001129.D (-1093) (-)





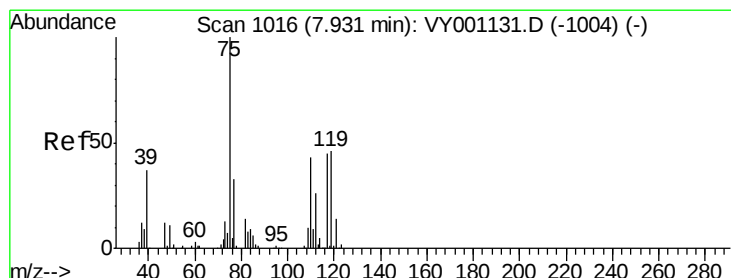
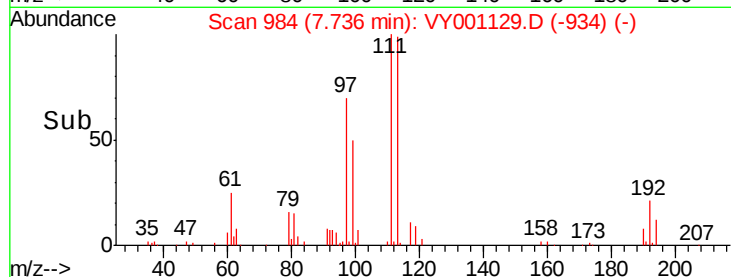
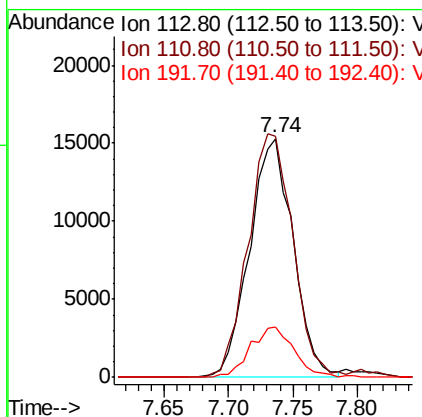
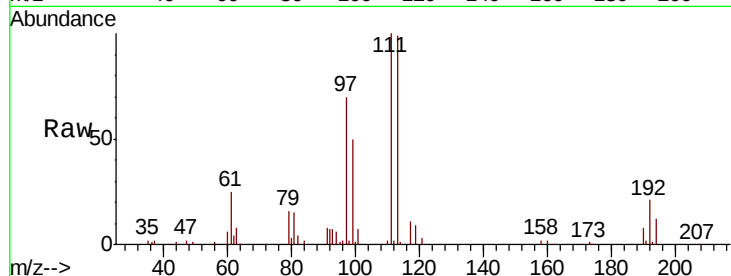
#35
 Dibromofluoromethane
 Concen: 9.762 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY001129.D
 Acq: 02 Jan 2020 11:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.2	81.0	121.4
192	21.2	16.4	24.6

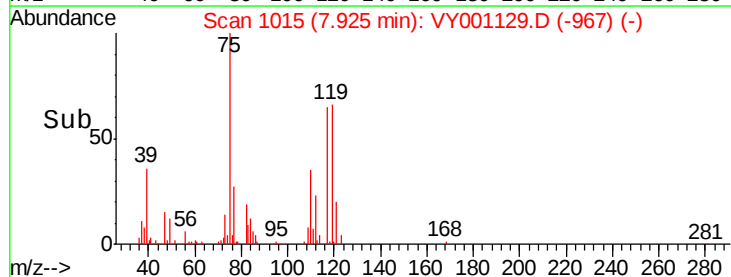
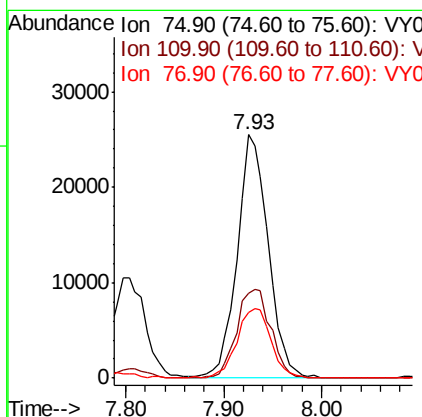
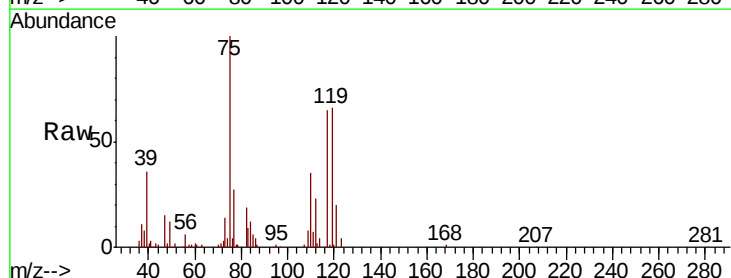
Manual Integrations
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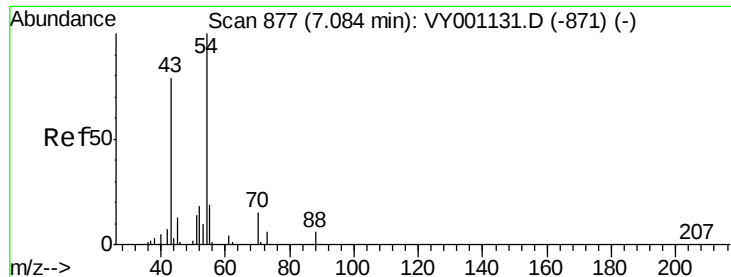
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#36
 1,1-Dichloropropene
 Concen: 9.502 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY001129.D
 Acq: 02 Jan 2020 11:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.8	20.6	61.8
77	31.3	25.7	38.5





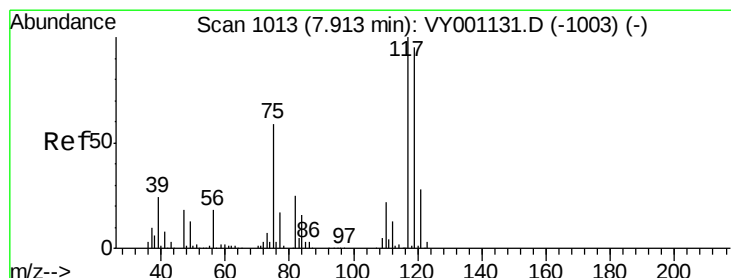
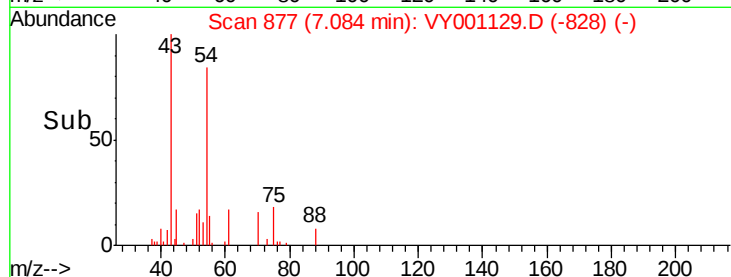
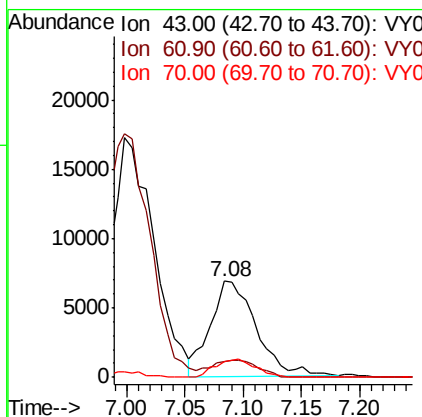
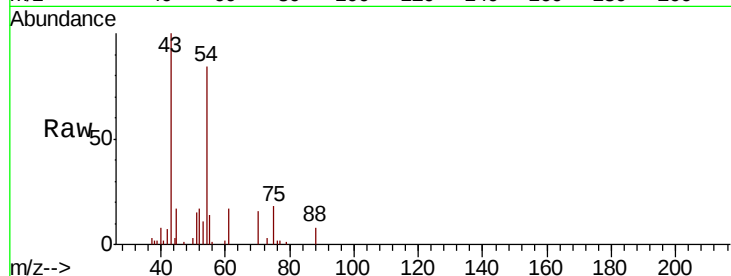
#37
Ethyl Acetate
Concen: 5.891 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.7	14.4	21.6
70	17.0	11.5	17.3

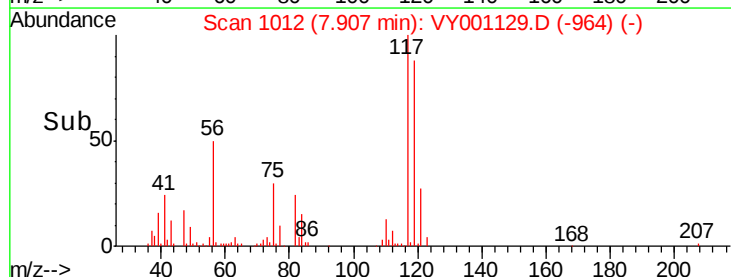
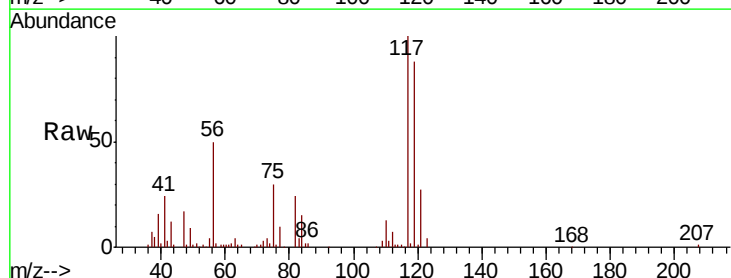
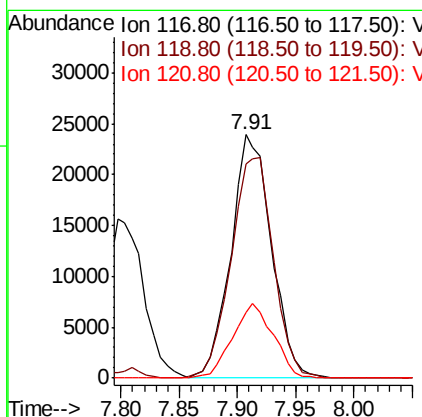
Manual Integrations
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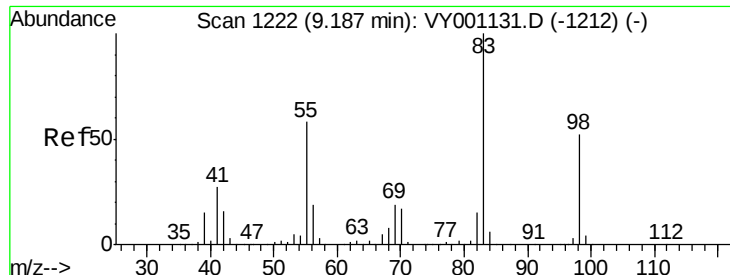
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#38
Carbon Tetrachloride
Concen: 10.867 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.7	75.8	113.6
121	27.2	22.5	33.7





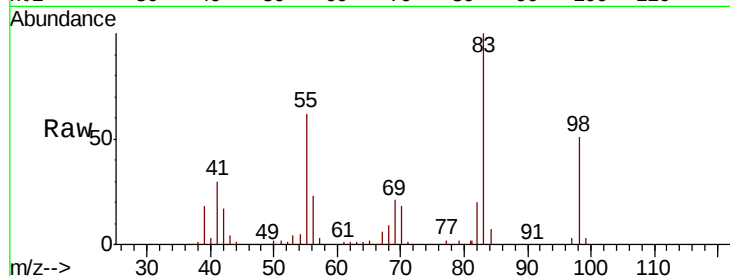
#39
Methvlcvclohexane
Concen: 9.321 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	61.7	46.4	69.6
98	51.3	41.5	62.3

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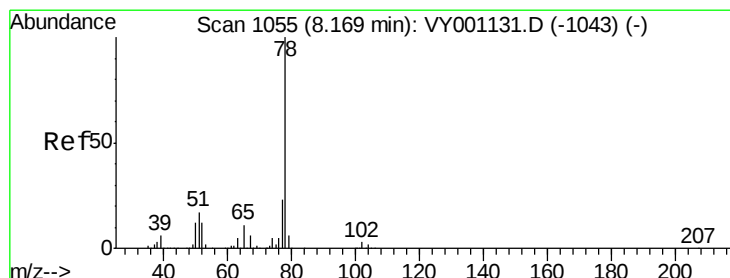
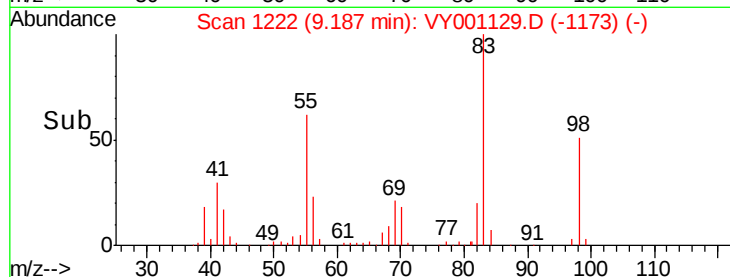
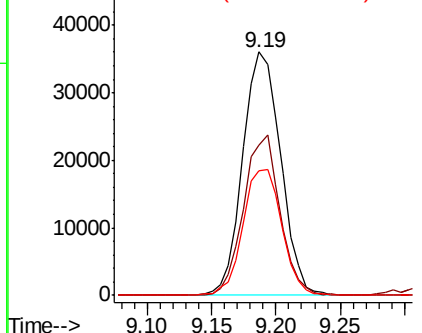


Abundance

Ion 83.00 (82.70 to 83.70): VY0

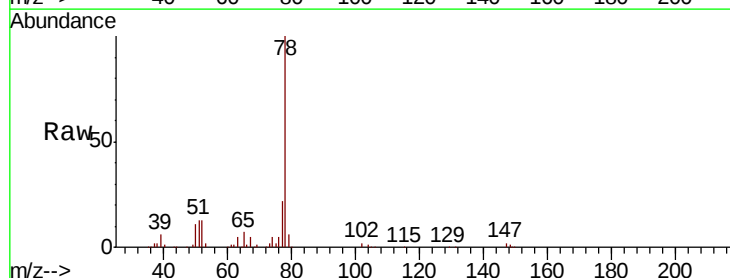
Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0



#40
Benzene
Concen: 9.573 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

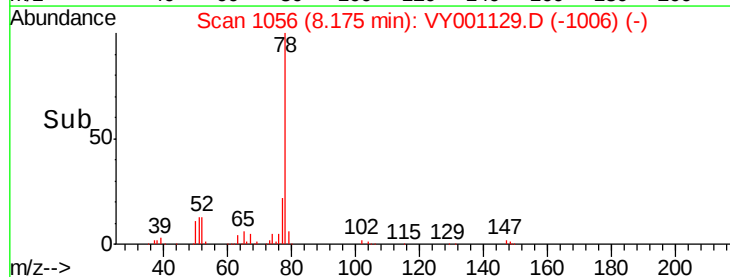
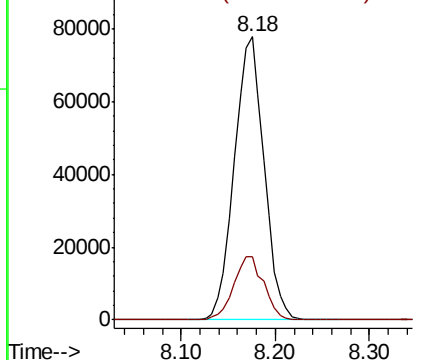
Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.8	28.2

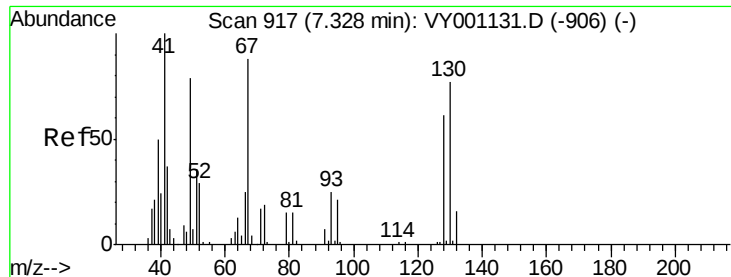


Abundance

Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0





#41

Methacrylonitrile

Concen: 5.949 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 41 Resp: 7850

Ion Ratio Lower Upper

41 100

39 0.0 122.9 184.3#

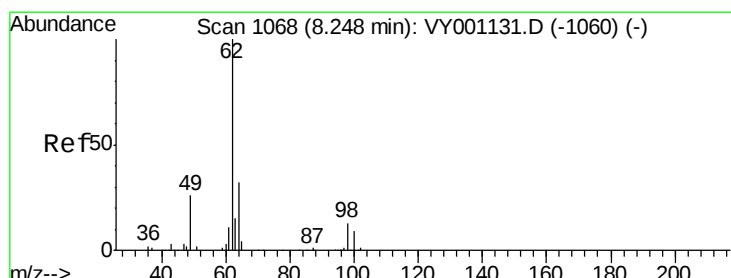
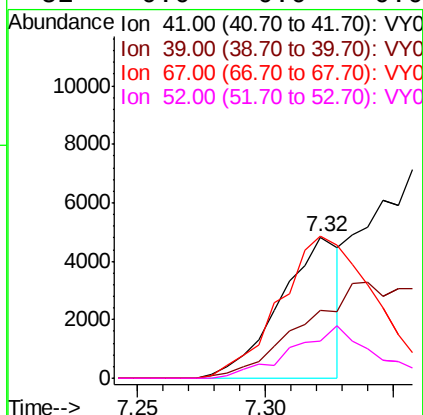
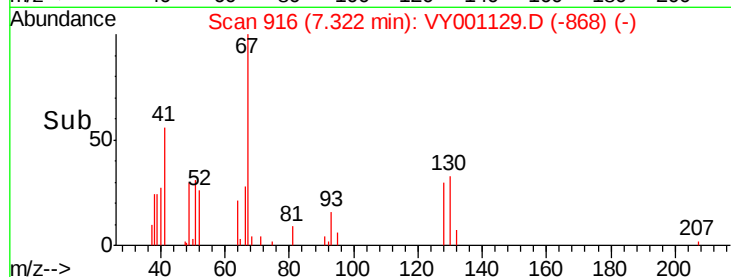
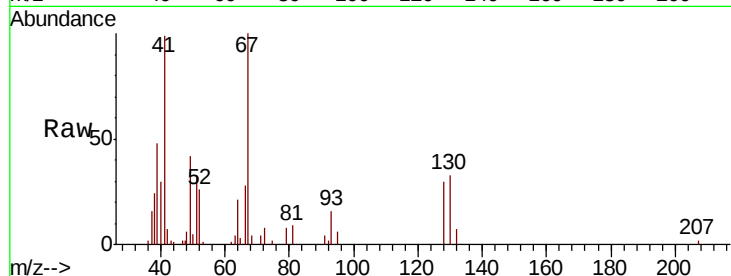
67 0.0 0.0 0.0

52 0.0 0.0 0.0

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#42

1,2-Dichloroethane

Concen: 9.475 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY001129.D

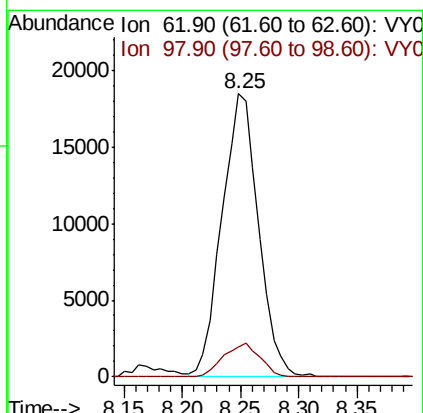
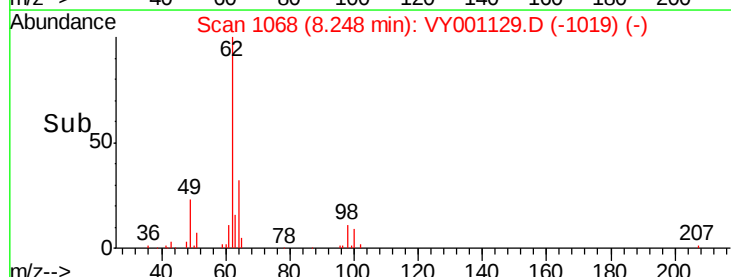
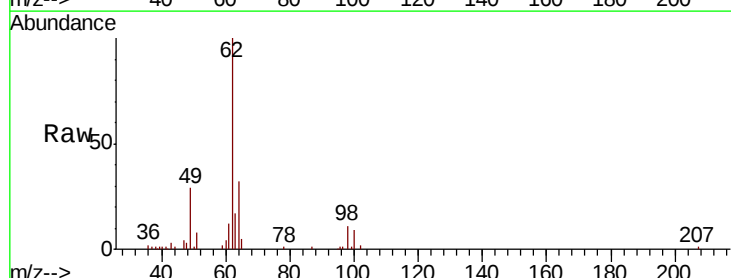
Acq: 02 Jan 2020 11:03

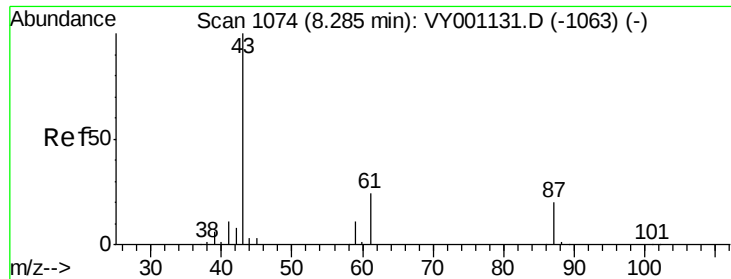
Tgt Ion: 62 Resp: 40258

Ion Ratio Lower Upper

62 100

98 11.9 0.0 24.4





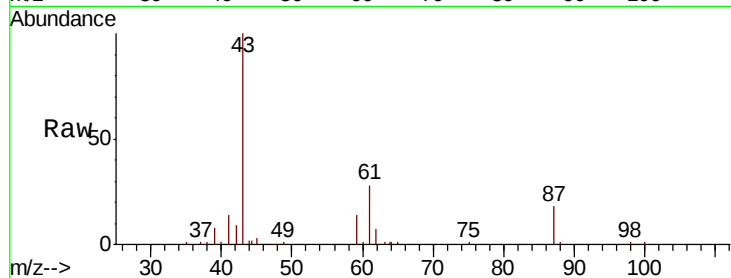
#43
Isopropyl Acetate
Concen: 7.757 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

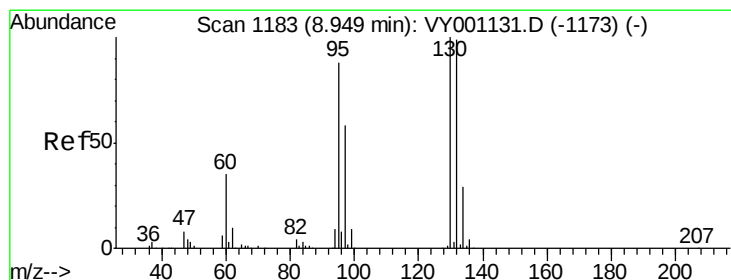
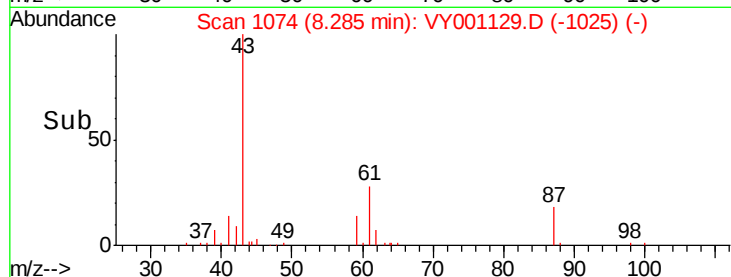
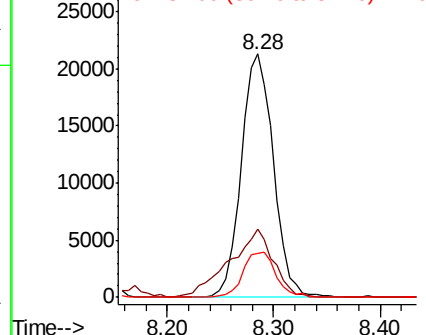
Tot Ion	Ratio	Lower	Upper
43	100		
61	37.9	29.1	43.7
87	18.8	15.4	23.2

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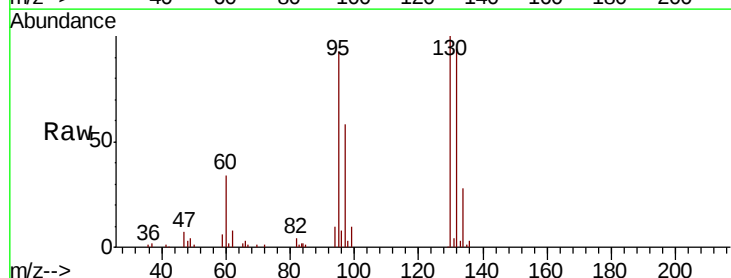


Abundance Ion 43.00 (42.70 to 43.70): VY001131.D (-1063) (-)

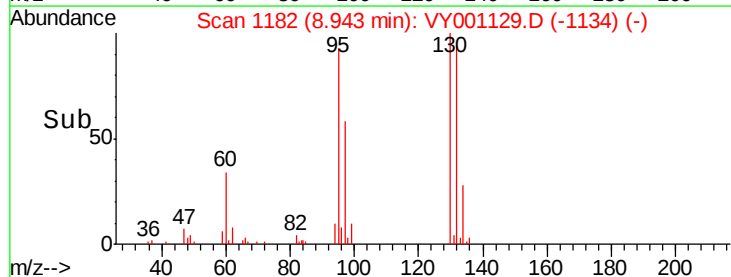
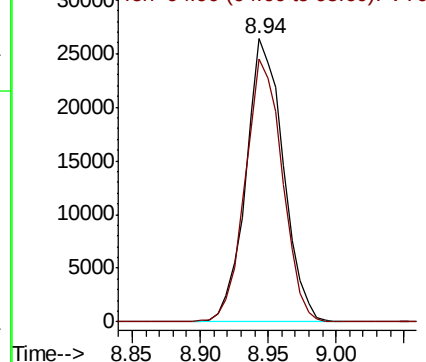


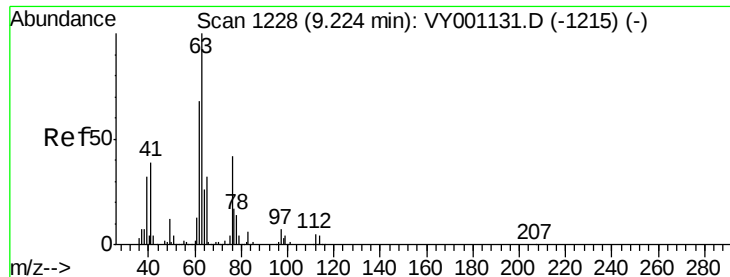
#44
Trichloroethene
Concen: 10.547 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	176.8



Abundance Ion 129.80 (129.50 to 130.50): VY001131.D (-1173) (-)





#45

1,2-Dichloropropane

Concen: 8.543 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 63 Resp: 37516

Ion Ratio Lower Upper

63 100

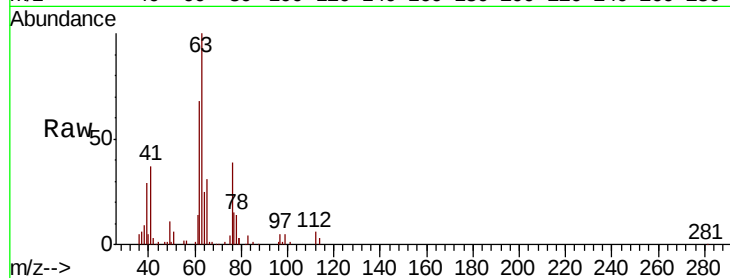
65 31.0 25.6 38.4

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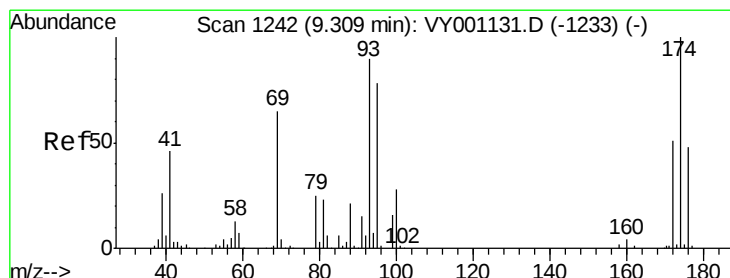
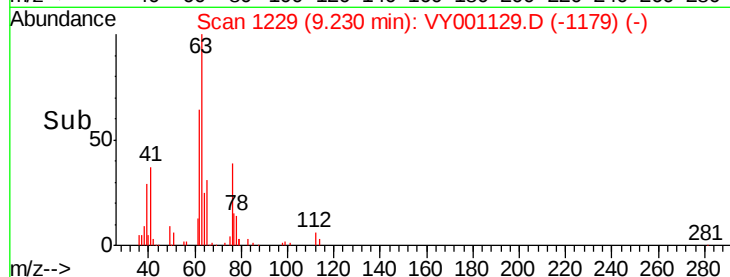
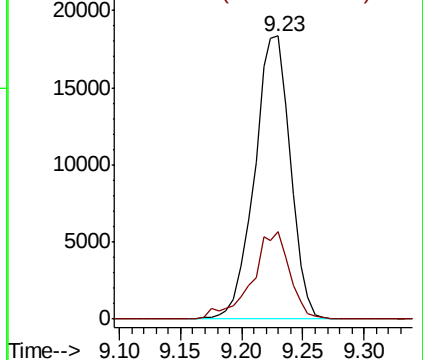
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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 9.343 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

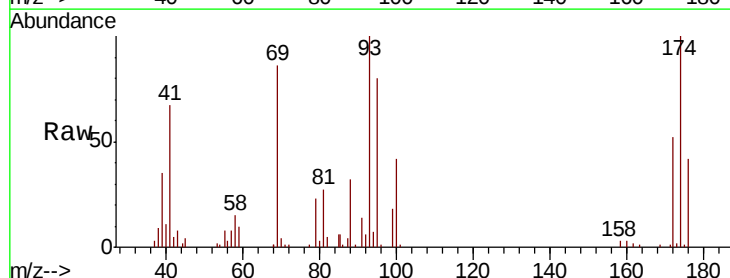
Tgt Ion: 93 Resp: 21407

Ion Ratio Lower Upper

93 100

95 83.2 68.7 103.1

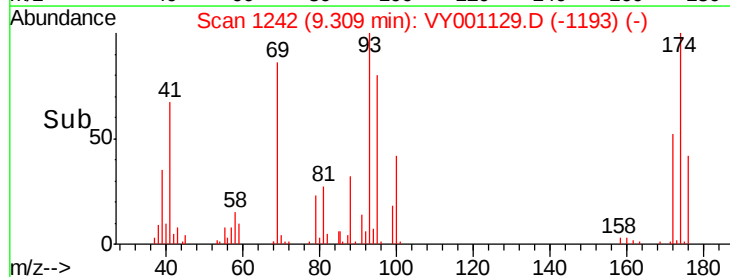
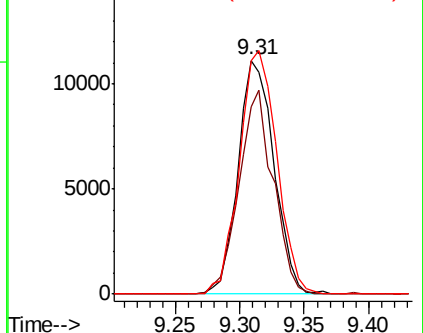
174 108.7 88.0 132.0

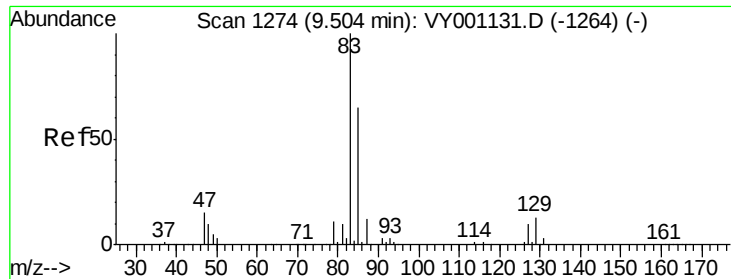


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





#47

Bromodichloromethane

Concen: 9.268 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

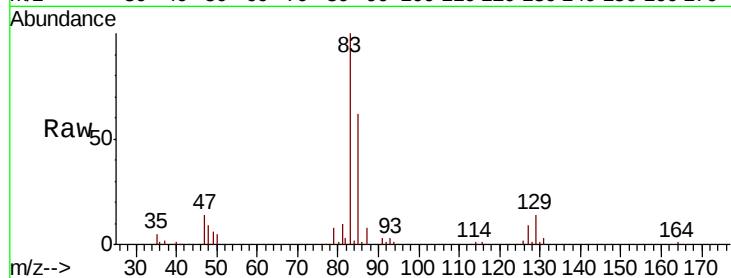
ClientSampleId :

VSTDIC010

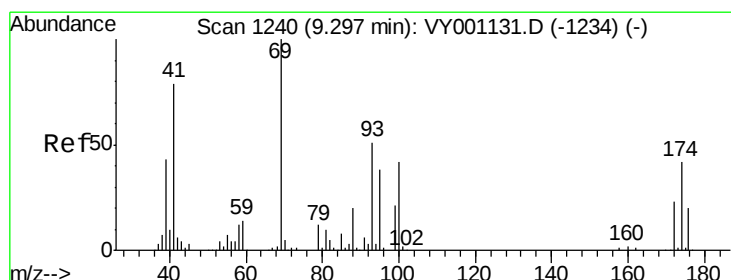
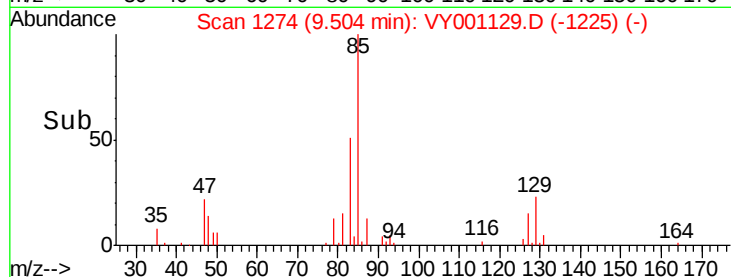
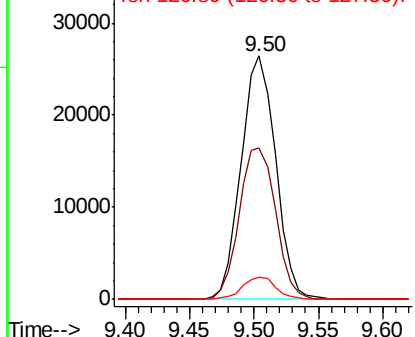
Tot Ion:	83	Resp:	49012
Ion Ratio	Lower	Upper	
83	100		
85	62.1	51.7	77.5
127	9.1	7.6	11.4

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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 7.822 ug/l

RT: 9.30 min Scan# 1241

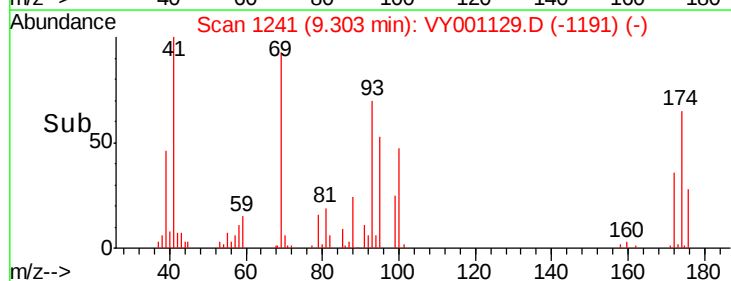
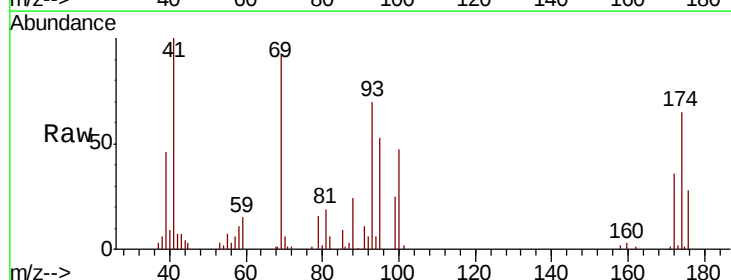
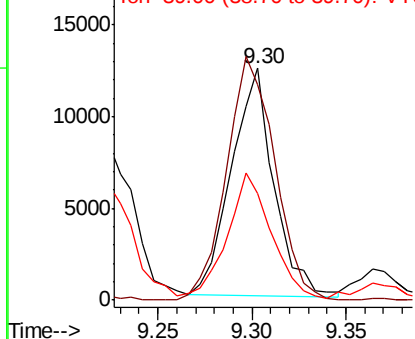
Delta R.T. 0.01 min

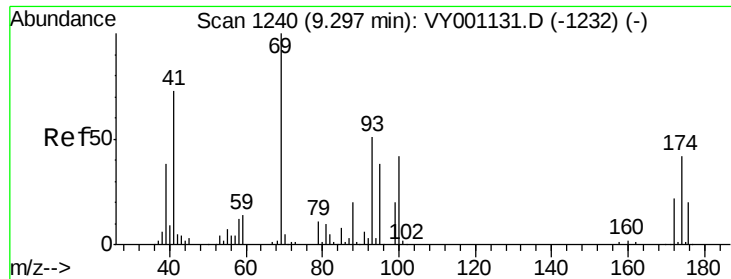
Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Tgt Ion:	41	Resp:	19311
Ion Ratio	Lower	Upper	
41	100		
69	122.1	100.3	150.5
39	56.5	47.6	71.4

Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 206.374 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

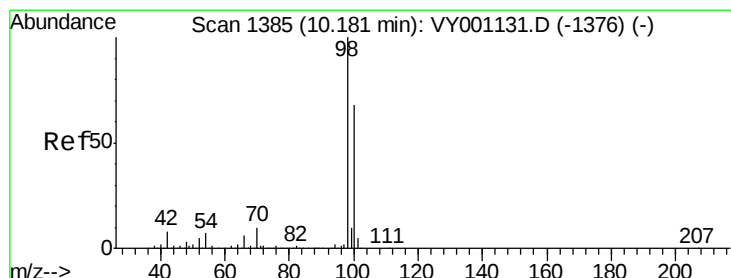
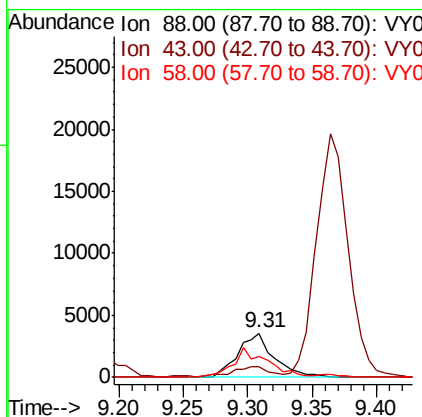
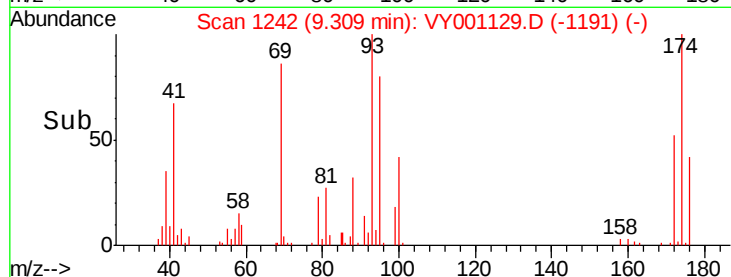
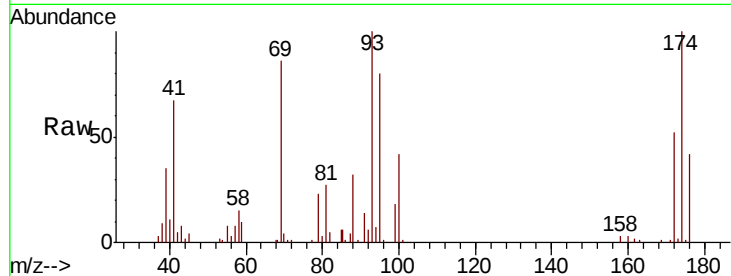
ClientSampleId :

VSTDIC010

Tot Ion	88	Resp	6905
Ion	Ratio	Lower	Upper
88	100		
43	26.2	19.0	28.4
58	63.9	48.2	72.4

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#50

Toluene-d8

Concen: 8.391 ug/l

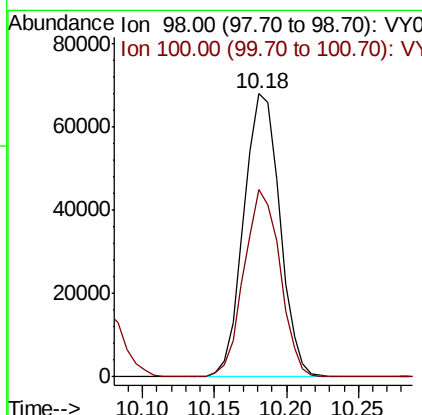
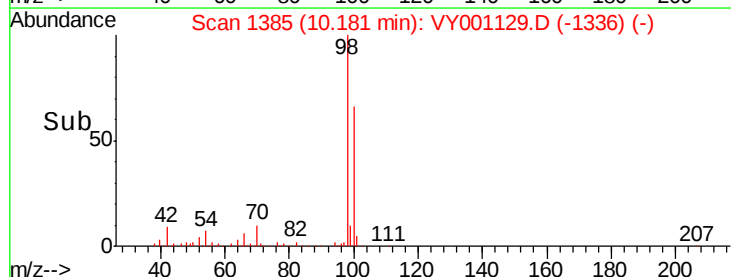
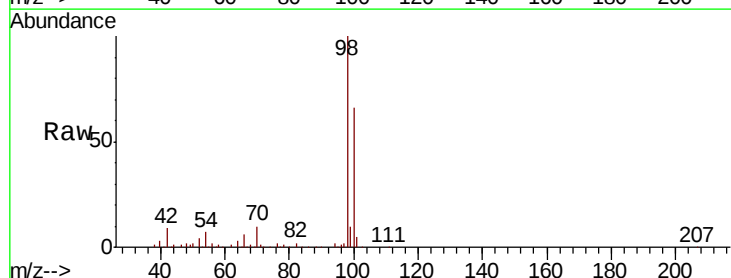
RT: 10.18 min Scan# 1385

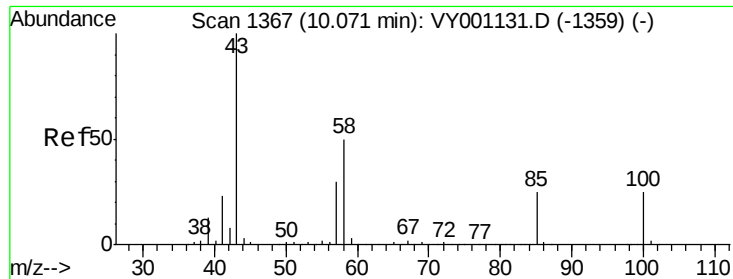
Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Tgt Ion	98	Resp	117749
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.2	79.8





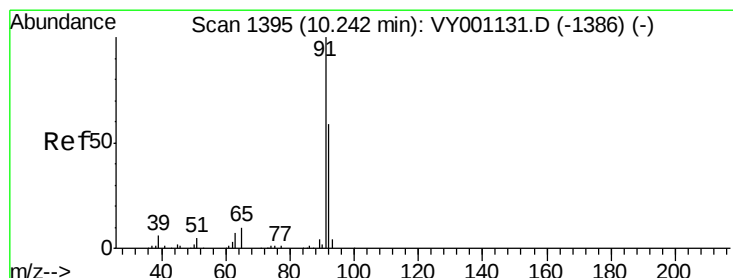
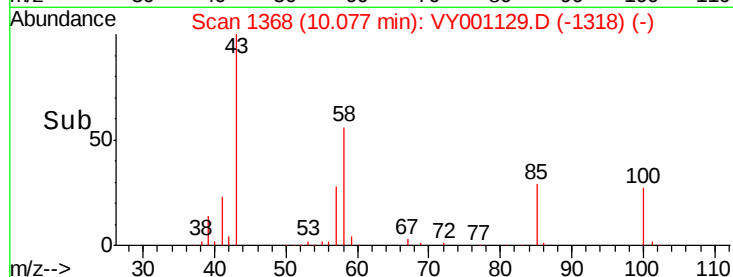
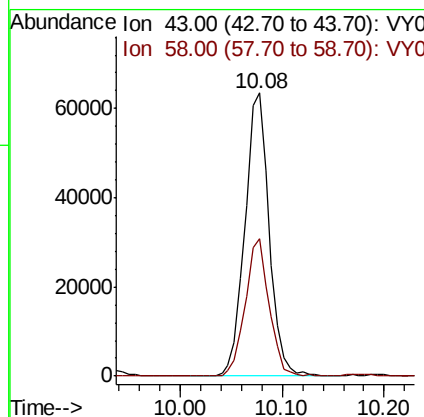
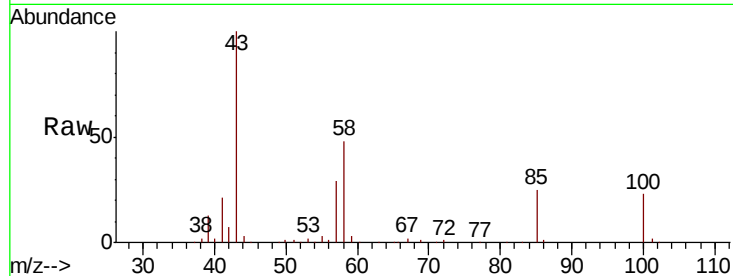
#51
4-Methyl-2-Pentanone
Concen: 35.013 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

Tot Ion: 43 Resp: 104620
Ion Ratio Lower Upper
43 100
58 48.1 39.1 58.7

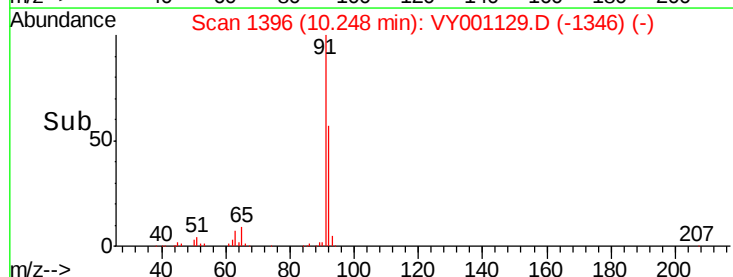
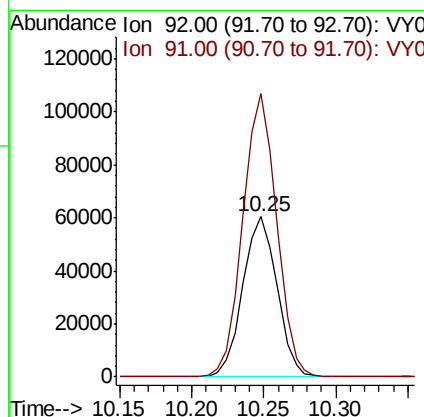
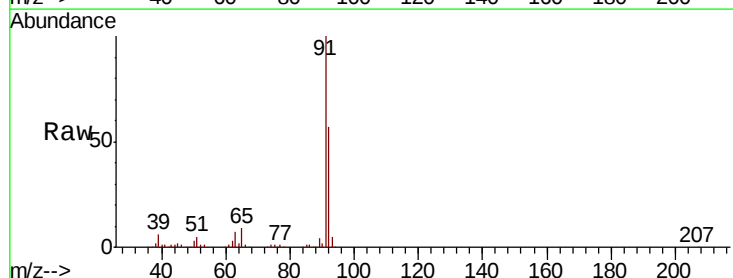
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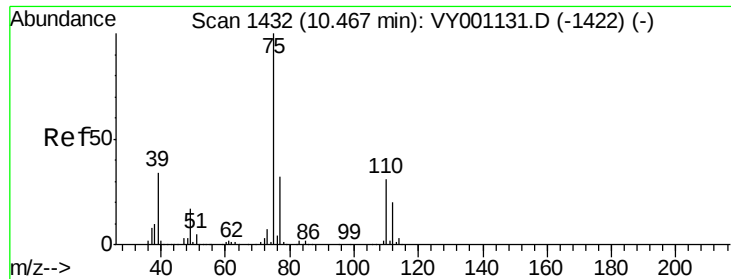
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#52
Toluene
Concen: 9.123 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Tgt Ion: 92 Resp: 99689
Ion Ratio Lower Upper
92 100
91 173.5 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 8.716 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 75 Resp: 49855

Ion Ratio Lower Upper

75 100

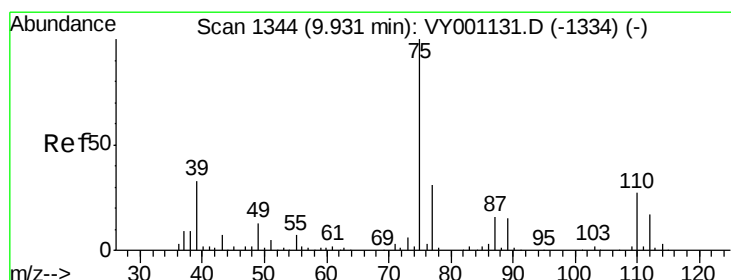
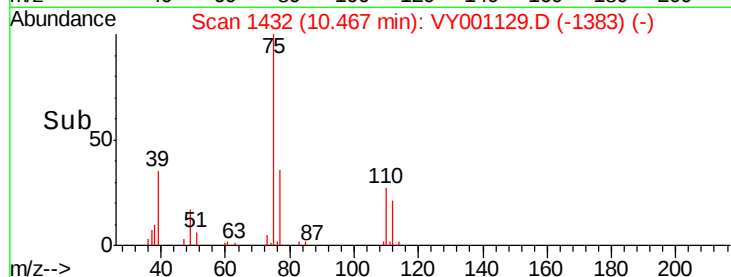
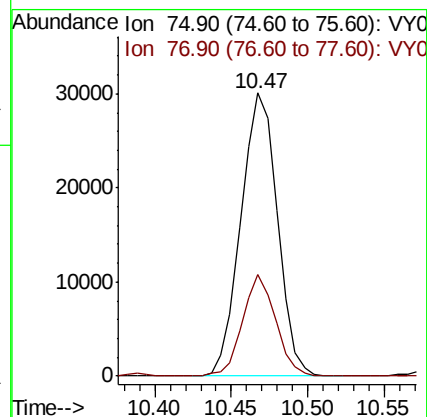
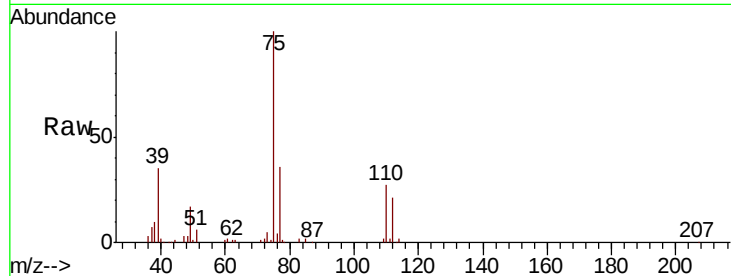
77 35.8 25.7 38.5

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#54

cis-1,3-Dichloropropene

Concen: 8.382 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

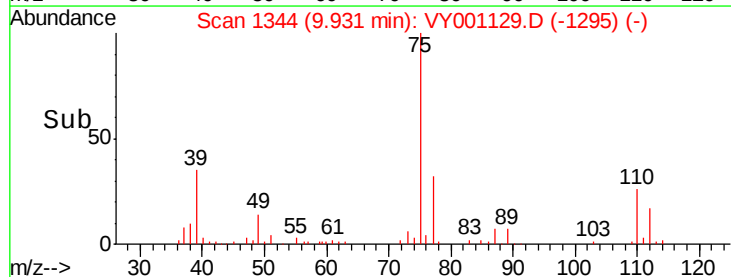
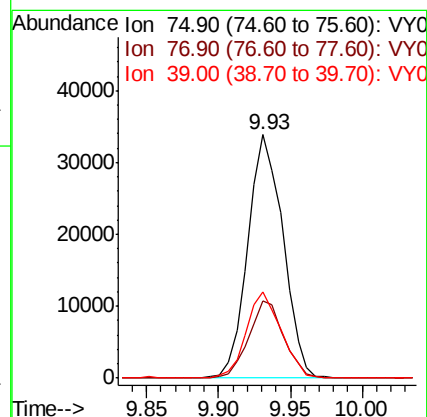
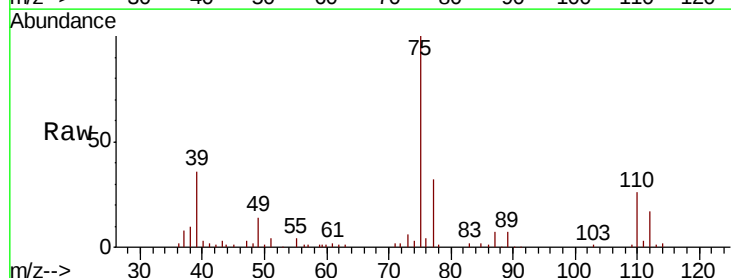
Tgt Ion: 75 Resp: 57203

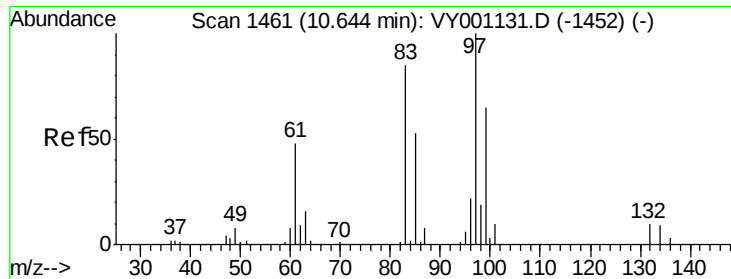
Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0

39 35.6 26.2 39.4





#55

1,1,2-Trichloroethane

Concen: 8.768 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC010

Tot Ion: 97 Resp: 30250

Ion Ratio Lower Upper

97 100

83 77.9 67.7 101.5

85 57.2 42.7 64.1

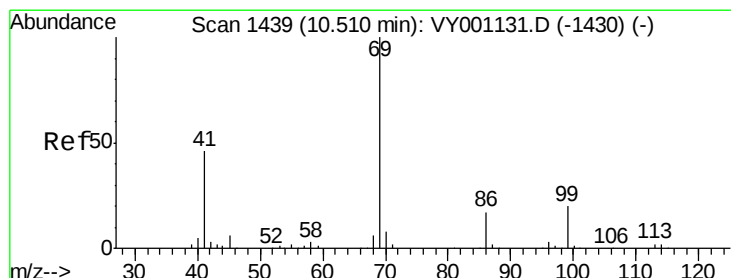
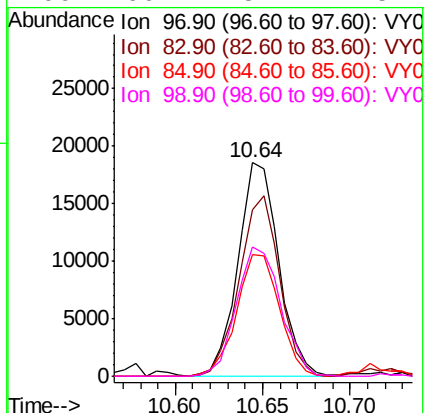
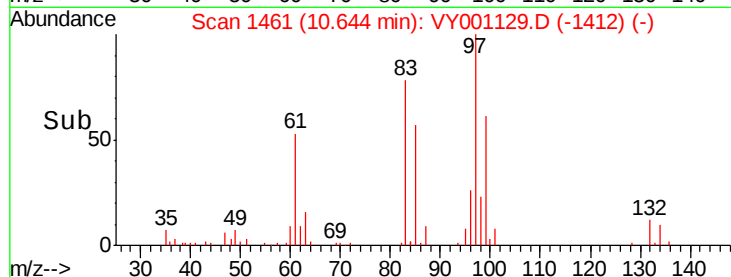
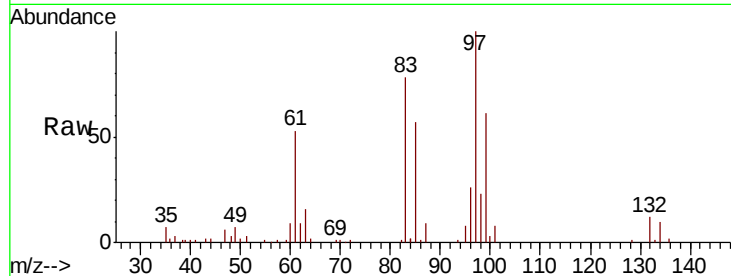
99 60.7 52.2 78.2

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#56

Ethyl methacrylate

Concen: 8.060 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

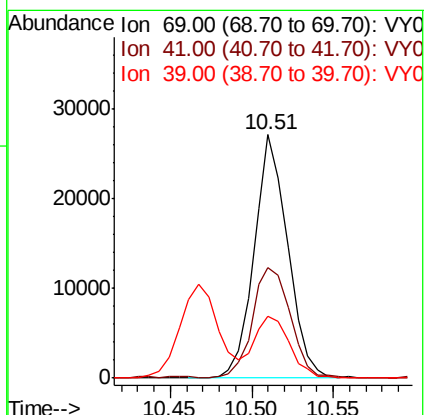
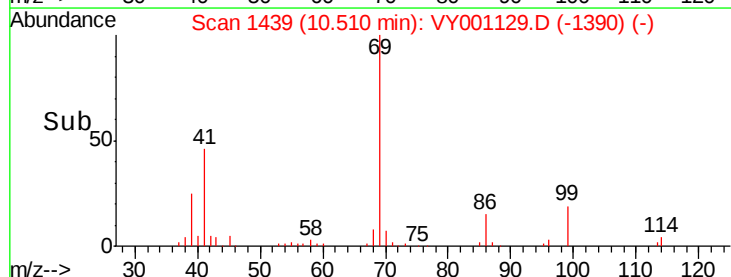
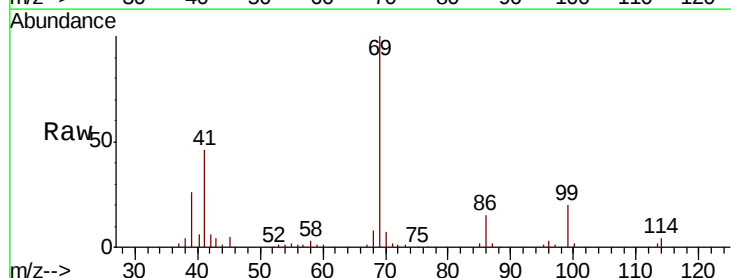
Tgt Ion: 69 Resp: 38763

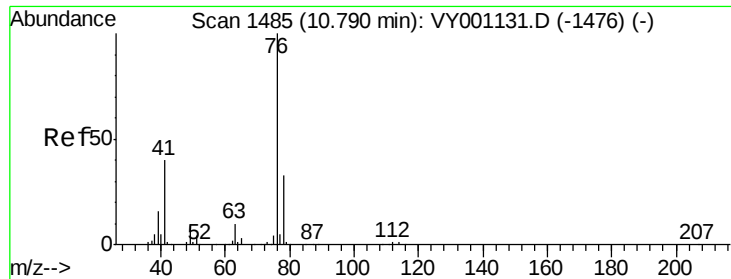
Ion Ratio Lower Upper

69 100

41 52.0 37.5 56.3

39 27.1 19.0 28.6





#57

1,3-Dichloropropane

Concen: 8.581 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 76 Resp: 51274

Ion Ratio Lower Upper

76 100

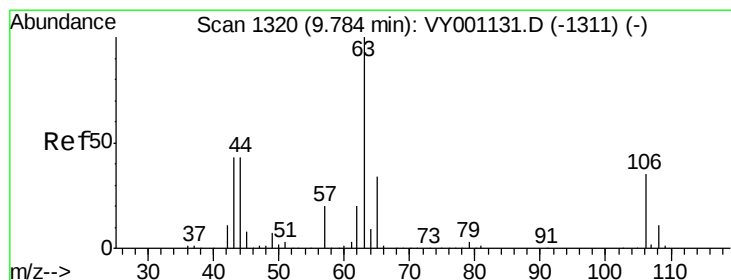
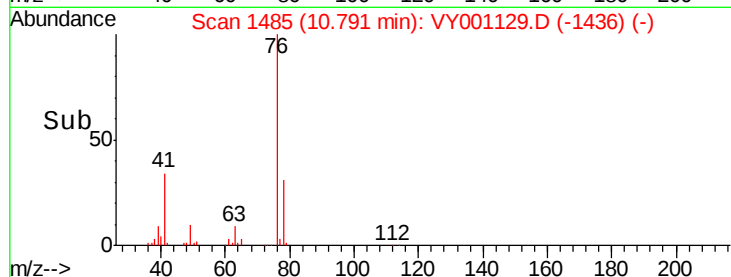
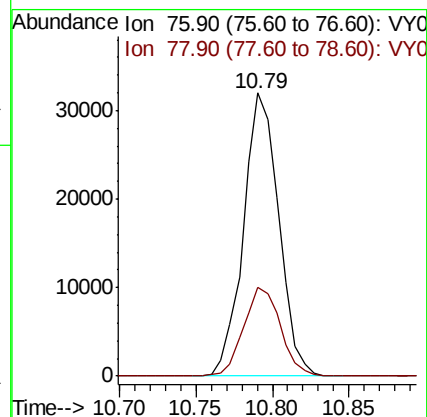
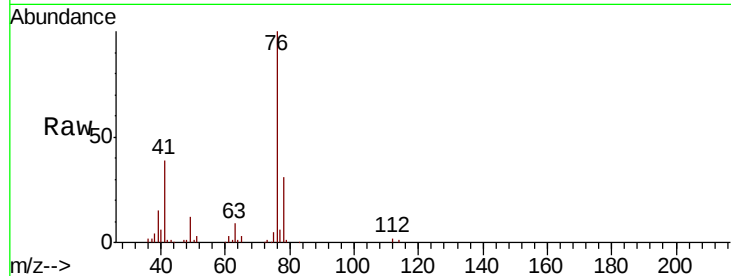
78 32.9 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 38.132 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.01 min

Lab File: VY001129.D

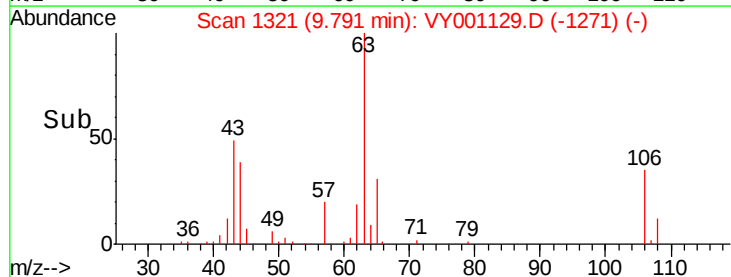
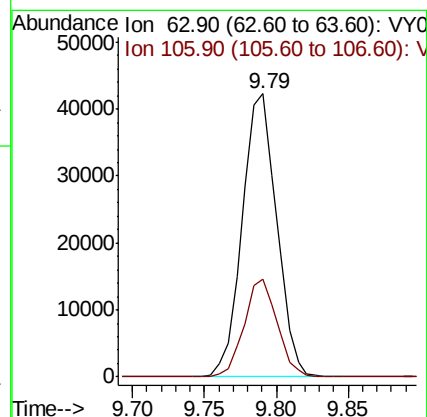
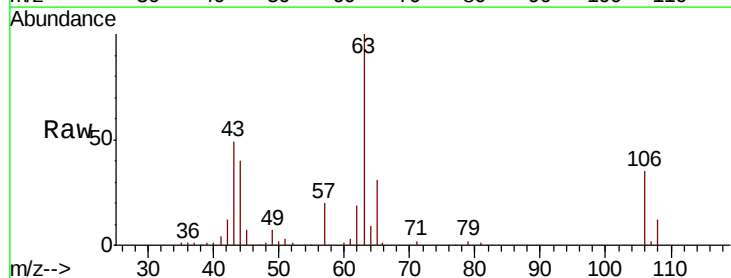
Acq: 02 Jan 2020 11:03

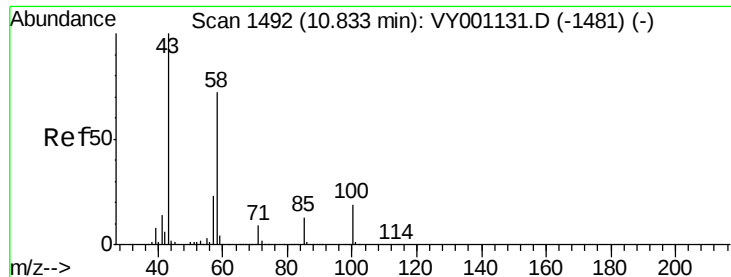
Tgt Ion: 63 Resp: 70227

Ion Ratio Lower Upper

63 100

106 33.3 28.0 42.0





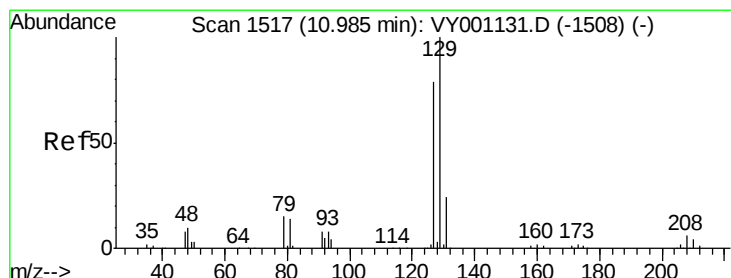
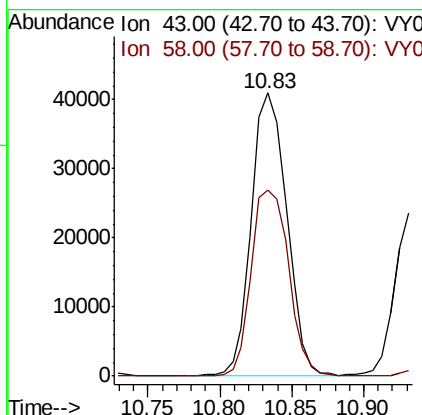
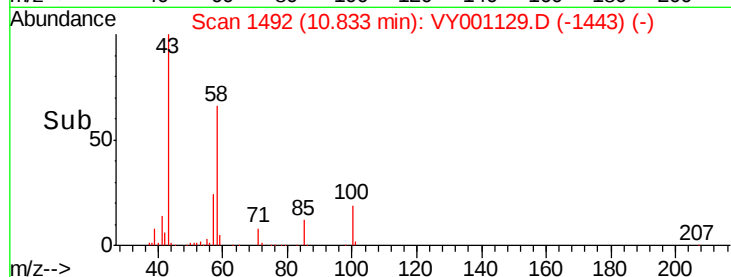
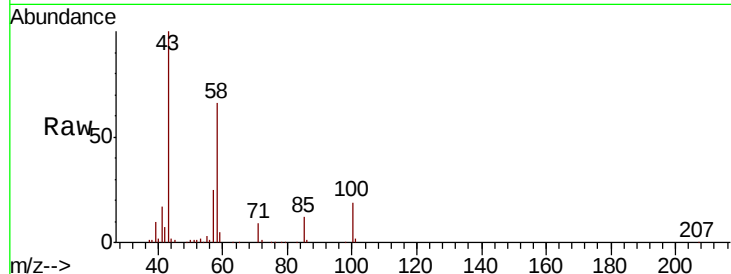
#59
2-Hexanone
Concen: 33.308 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 69771
Ion Ratio Lower Upper
43 100
58 69.4 34.4 103.3

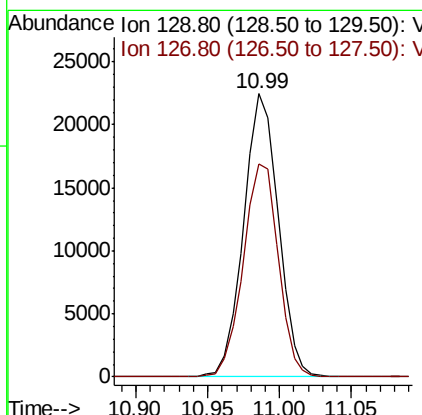
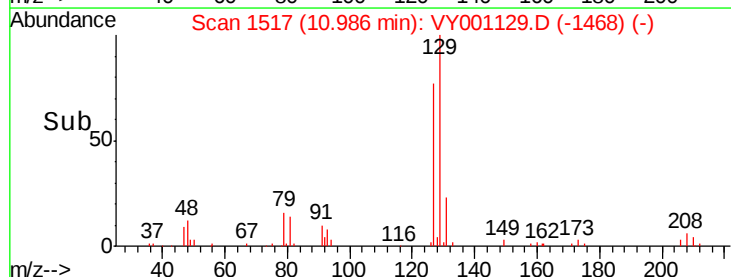
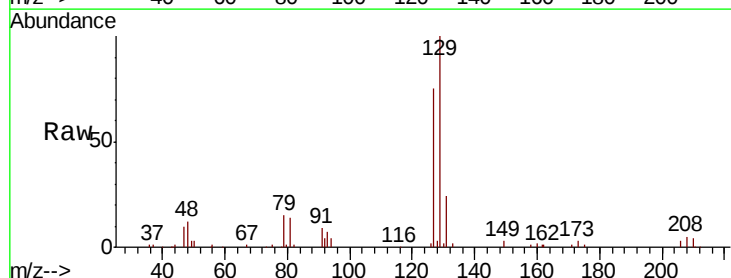
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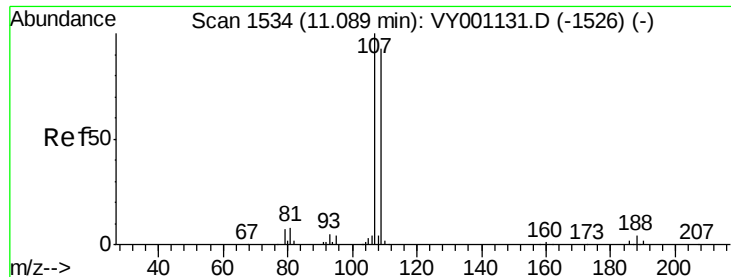
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#60
Dibromochloromethane
Concen: 10.007 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Tgt Ion: 129 Resp: 37401
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 9.331 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:107 Resp: 30907

Ion Ratio Lower Upper

107 100

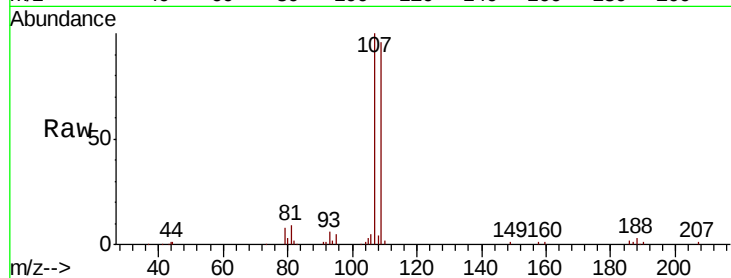
109 93.4 75.4 113.2

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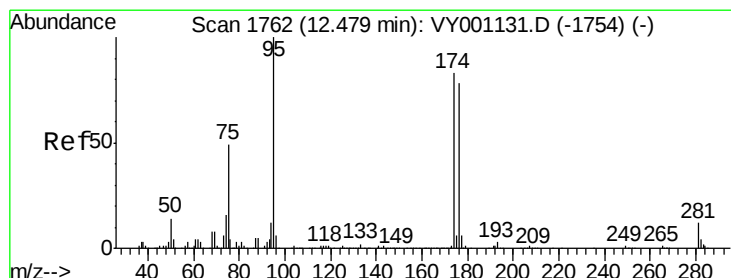
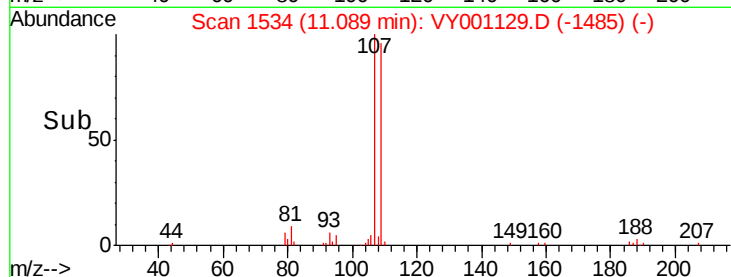
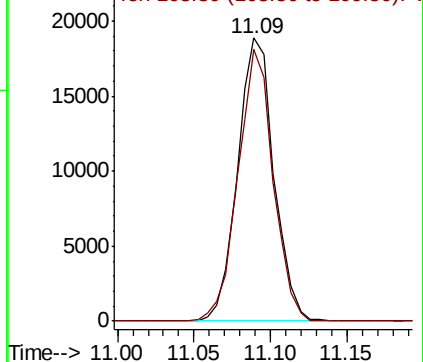
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 10.695 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

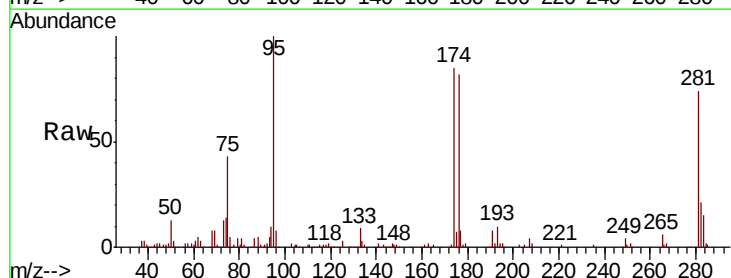
Tgt Ion: 95 Resp: 55649

Ion Ratio Lower Upper

95 100

174 84.8 0.0 171.8

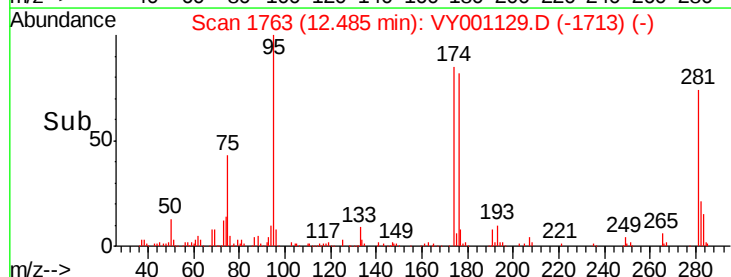
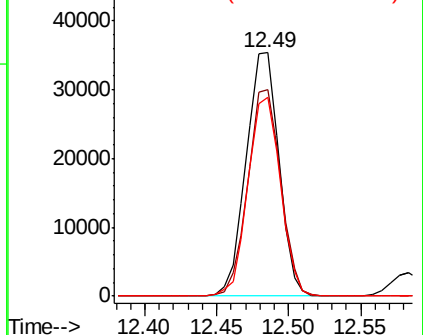
176 80.8 0.0 163.6

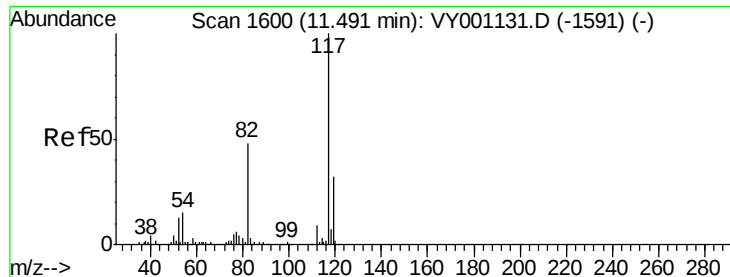


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





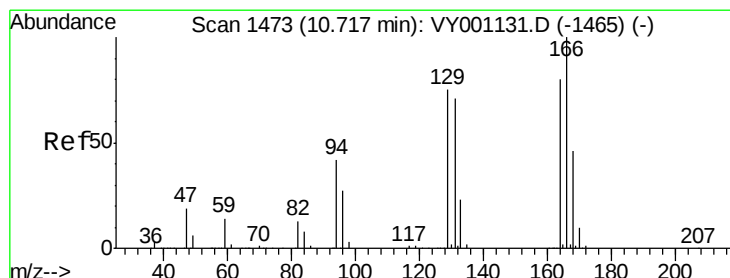
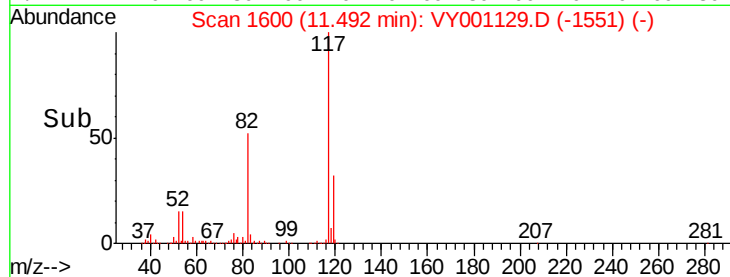
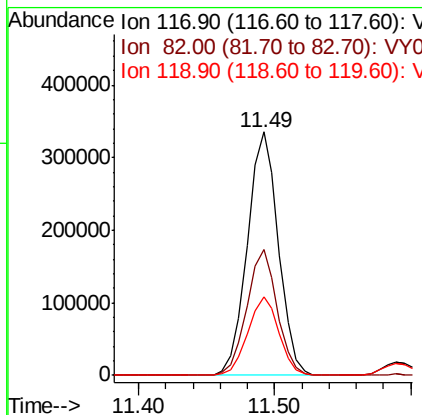
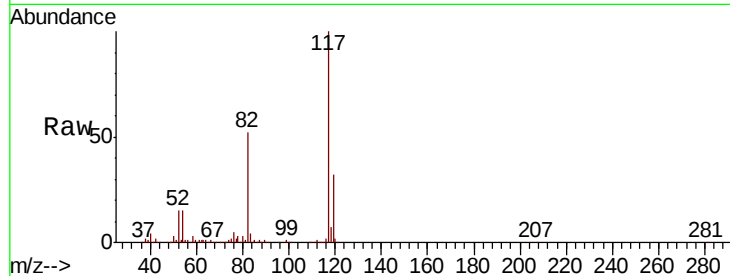
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	38.5	57.7
119	32.1	25.9	38.9

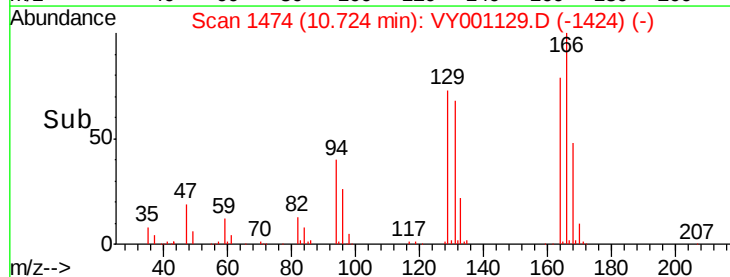
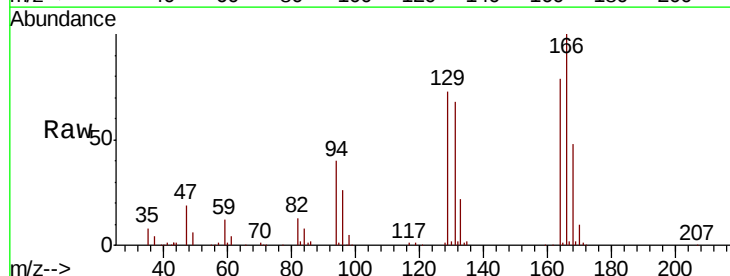
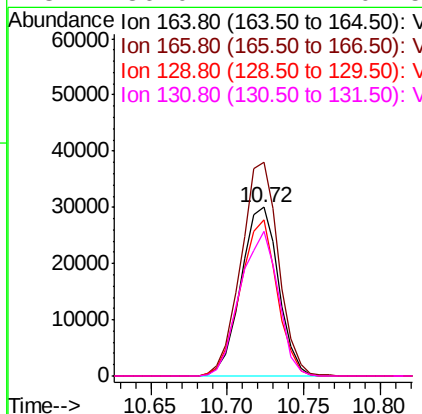
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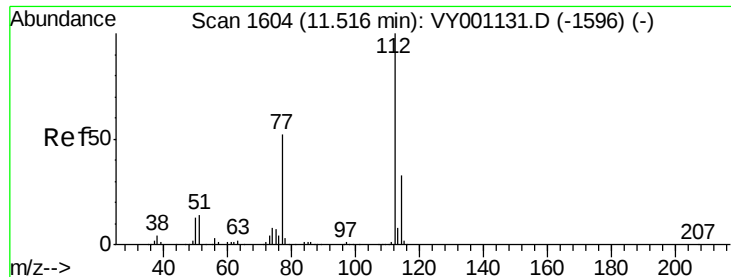
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#64
Tetrachloroethene
Concen: 10.704 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	100.6	151.0
129	93.1	75.0	112.4
131	86.0	71.7	107.5





#65

Chlorobenzene

Concen: 10.560 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:112 Resp: 119213

Ion Ratio Lower Upper

112 100

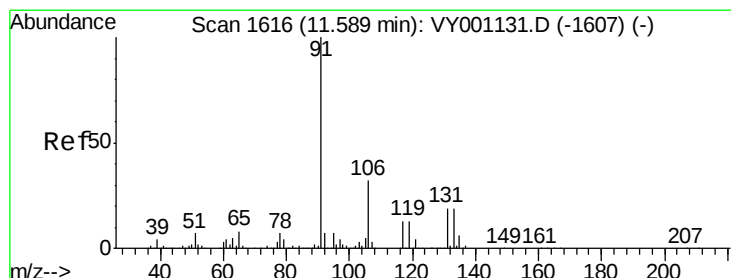
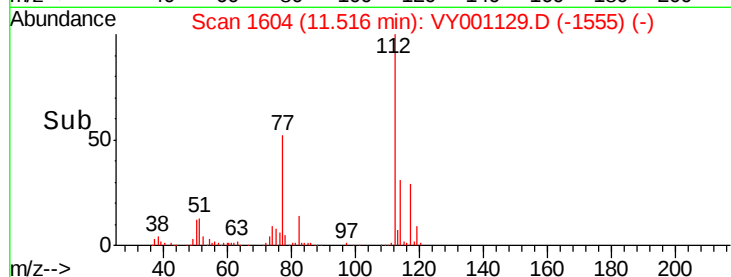
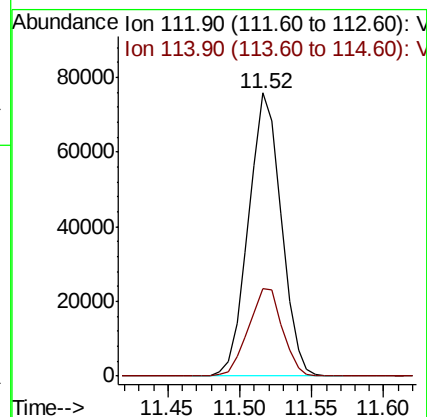
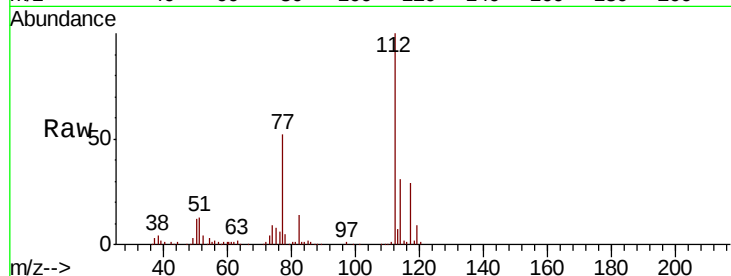
114 31.1 26.5 39.7

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#66

1,1,1,2-Tetrachloroethane

Concen: 11.144 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

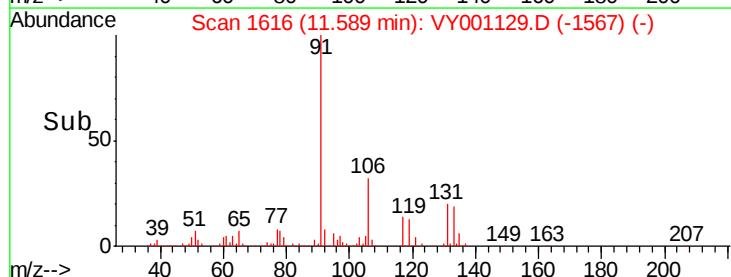
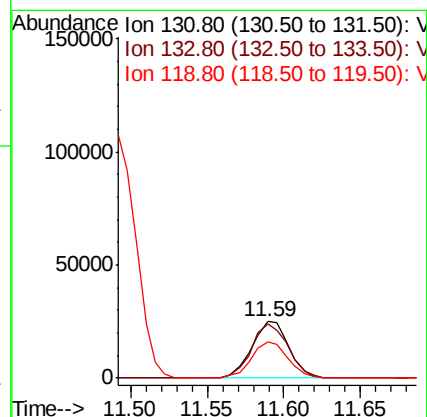
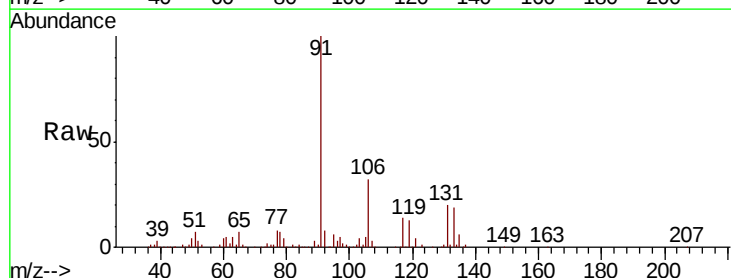
Tgt Ion:131 Resp: 41814

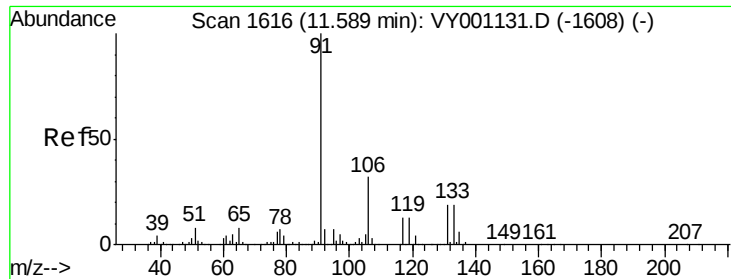
Ion Ratio Lower Upper

131 100

133 96.5 47.3 141.8

119 64.3 33.1 99.3





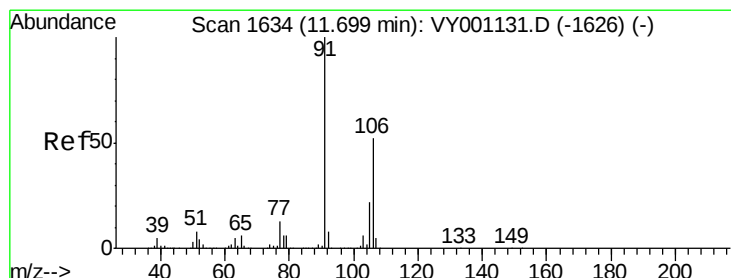
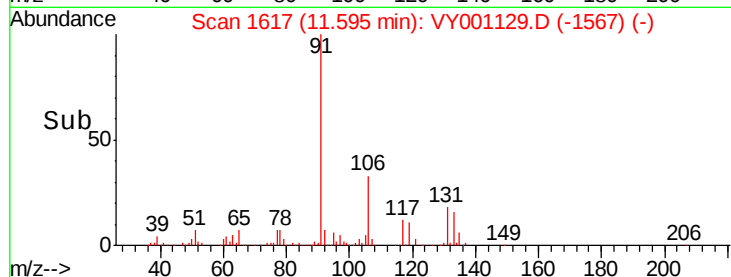
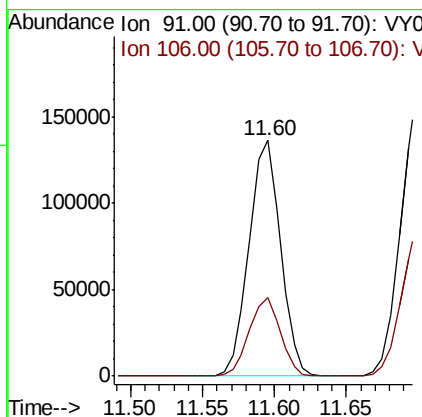
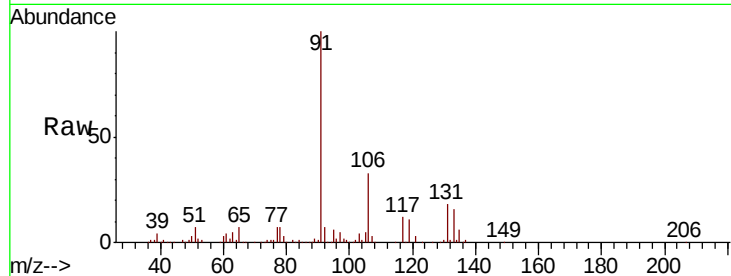
#67
Ethyl Benzene
Concen: 10.203 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

Tot Ion: 91 Resp: 205975
Ion Ratio Lower Upper
91 100
106 33.4 25.9 38.9

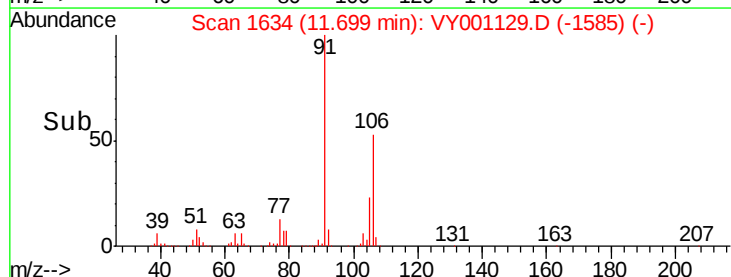
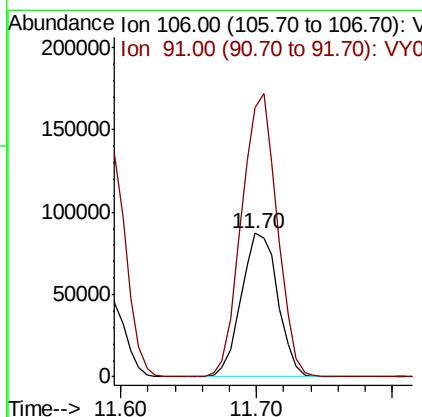
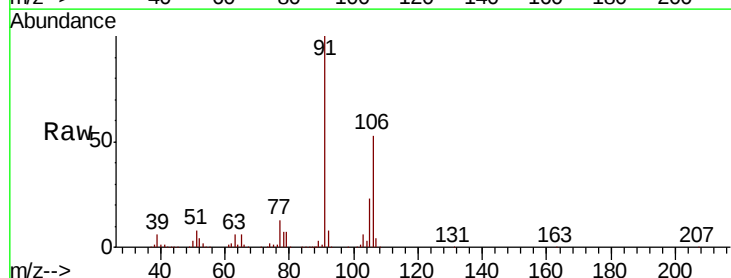
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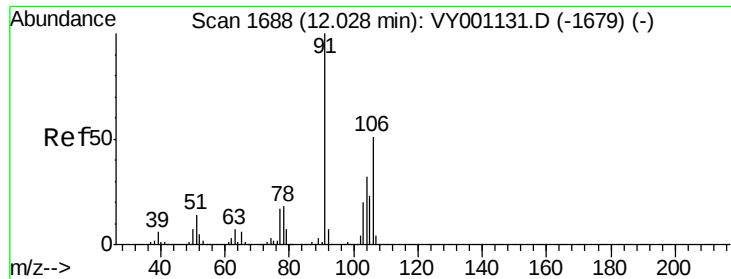
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#68
m/p-Xylenes
Concen: 21.288 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Tgt Ion: 106 Resp: 163915
Ion Ratio Lower Upper
106 100
91 192.1 154.3 231.5





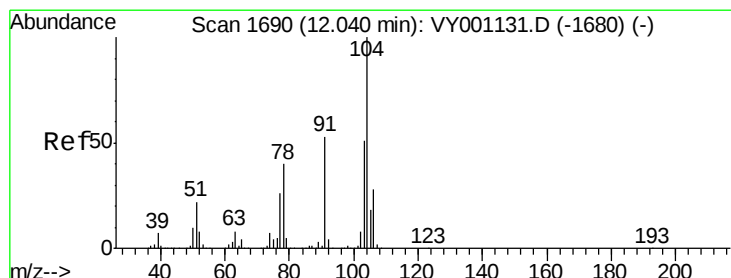
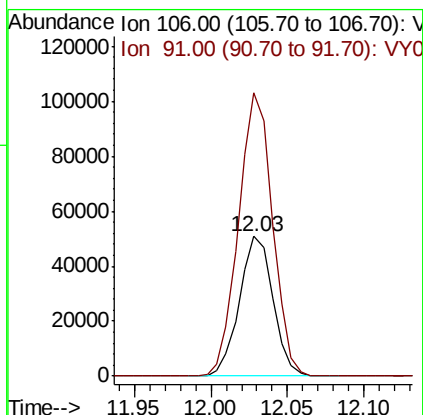
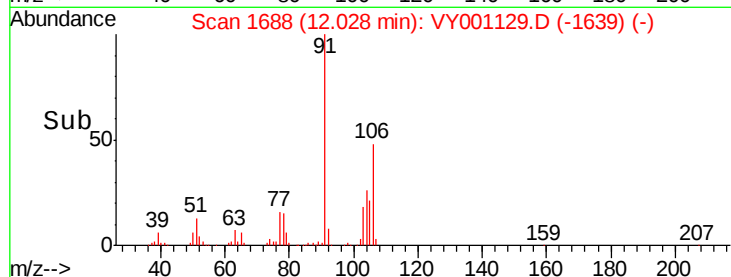
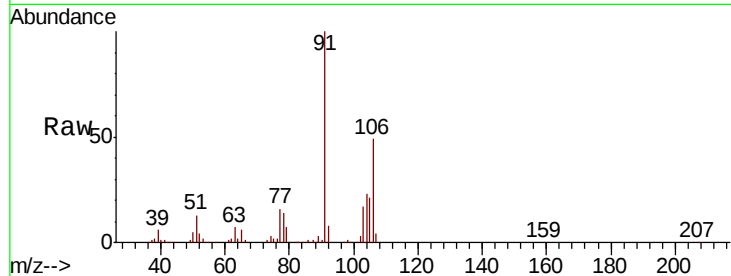
#69
o-Xylene
Concen: 10.685 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

Tot Ion:106 Resp: 77391
Ion Ratio Lower Upper
106 100
91 205.6 100.8 302.4

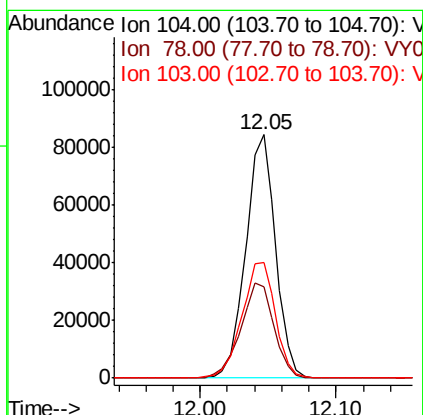
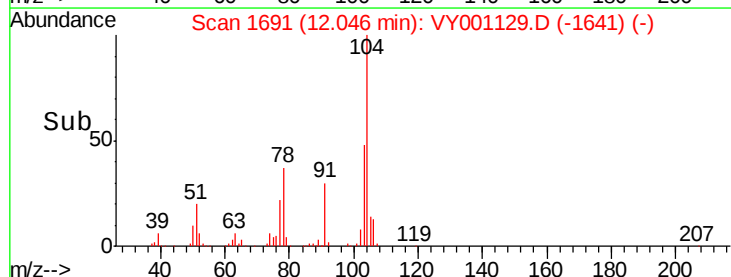
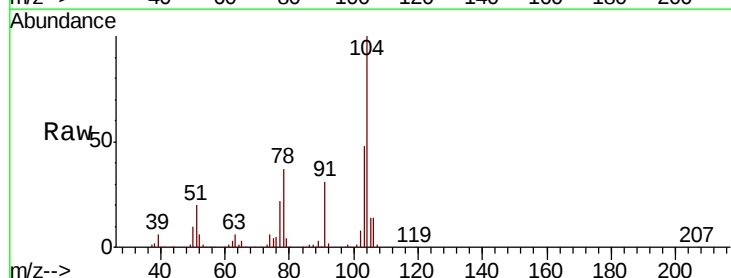
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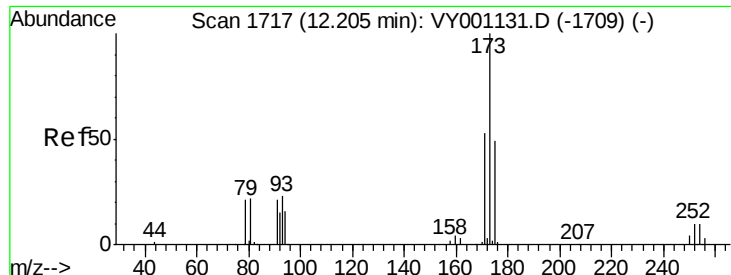
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#70
Styrene
Concen: 10.507 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Tgt Ion:104 Resp: 129420
Ion Ratio Lower Upper
104 100
78 43.7 34.7 52.1
103 53.3 42.6 64.0





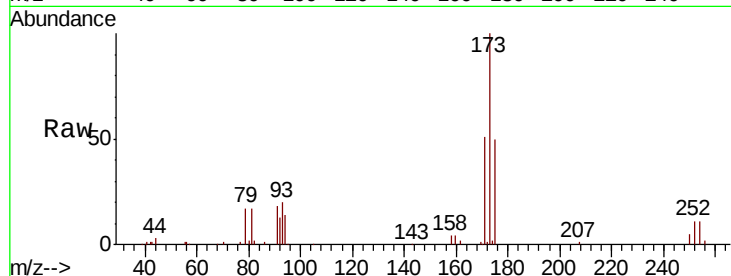
#71
Bromoform
Concen: 10.875 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	53.7	24.4	73.2
254	0.0	0.1	0.1#

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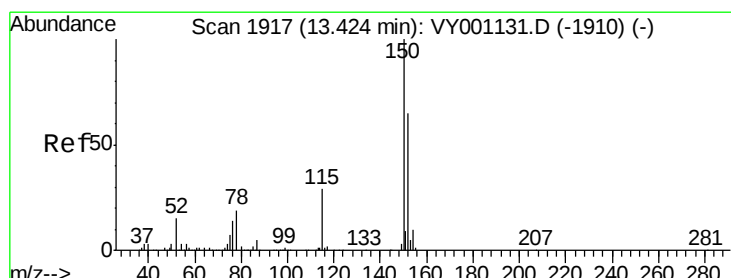
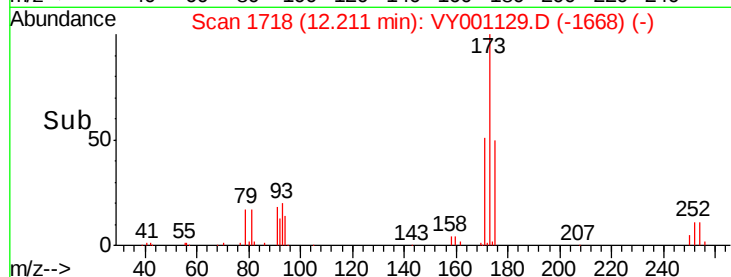
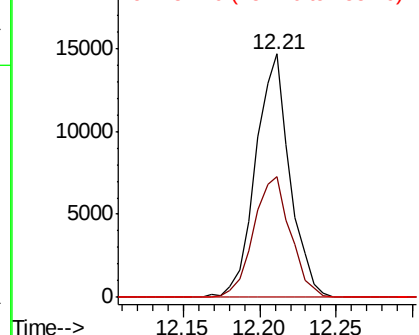


Abundance

Ion 172.70 (172.40 to 173.40): V

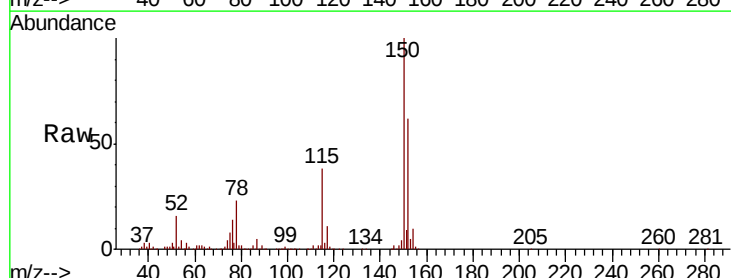
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	27.7	83.0
150	160.9	0.0	342.6

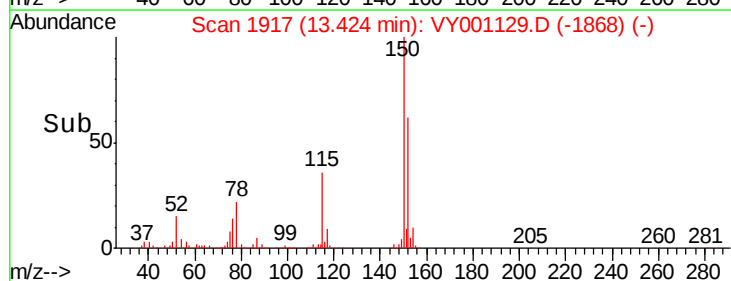
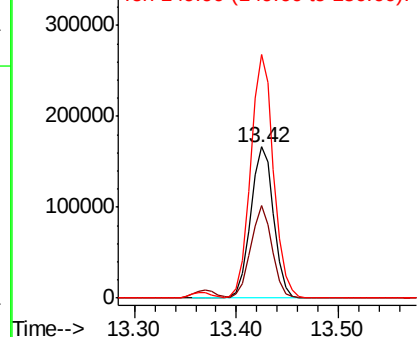


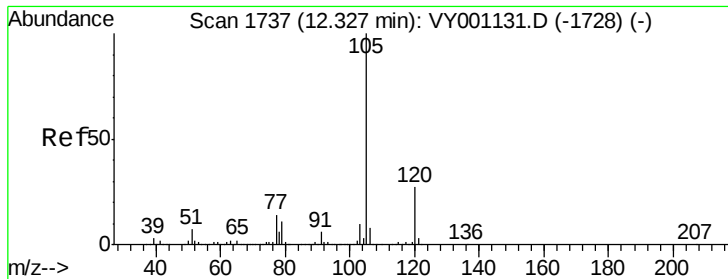
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.175 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 205920

Ion Ratio Lower Upper

105 100

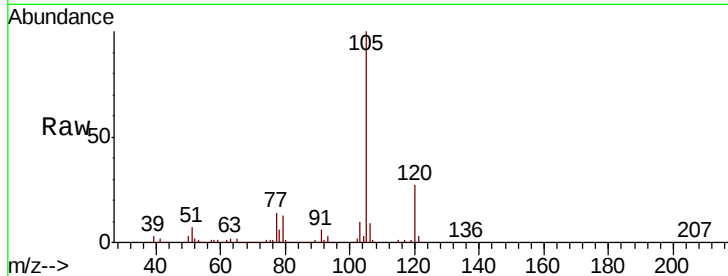
120 27.9 13.9 41.7

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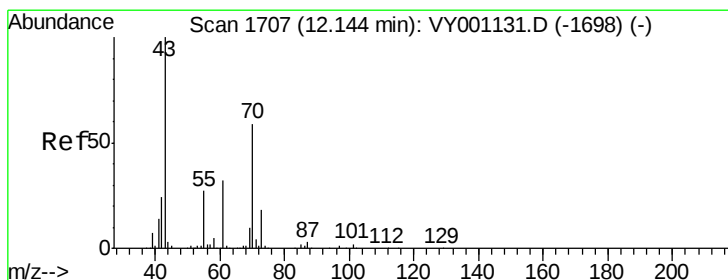
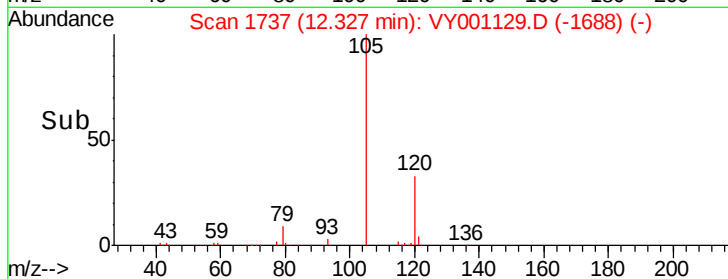
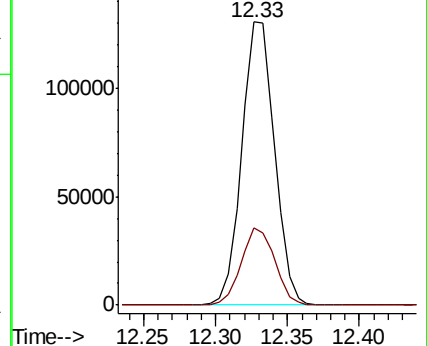
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 7.417 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Tgt Ion: 43 Resp: 37499

Ion Ratio Lower Upper

43 100

70 58.6 46.2 69.4

55 28.6 21.3 31.9

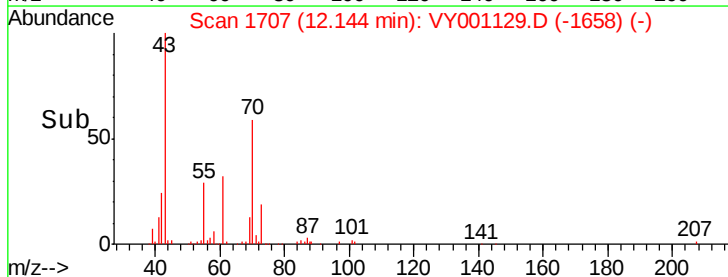
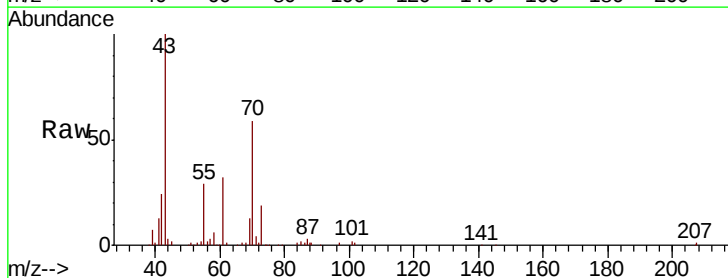
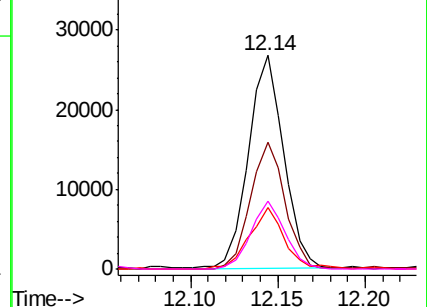
61 31.0 25.0 37.6

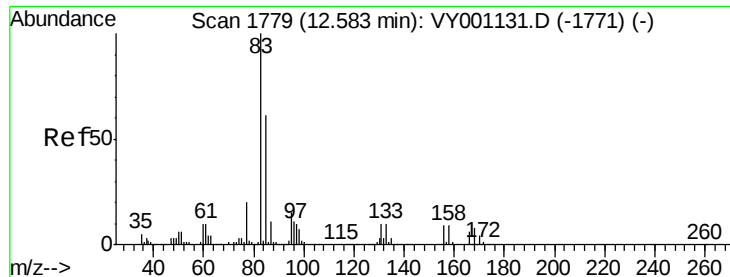
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 9.084 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

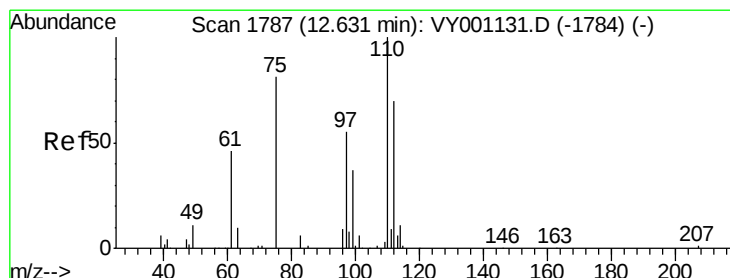
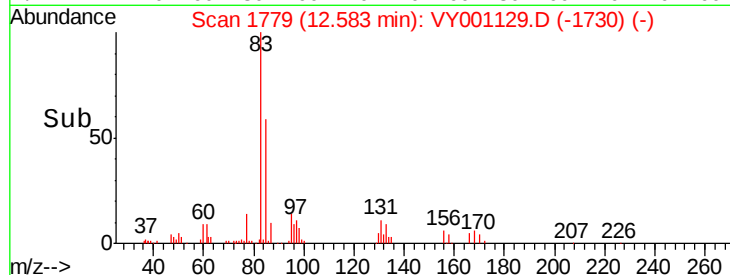
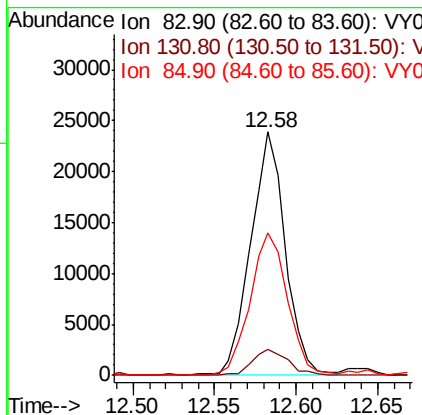
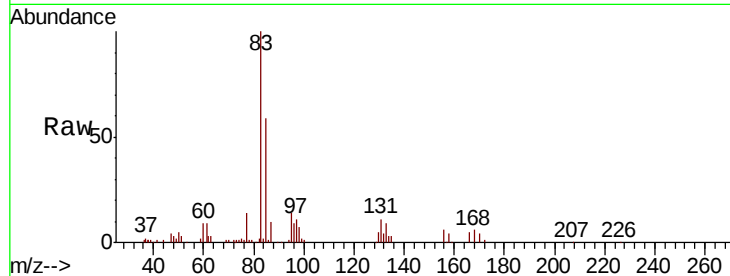
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	35372
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.7
85	63.2	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 8.420 ug/l m

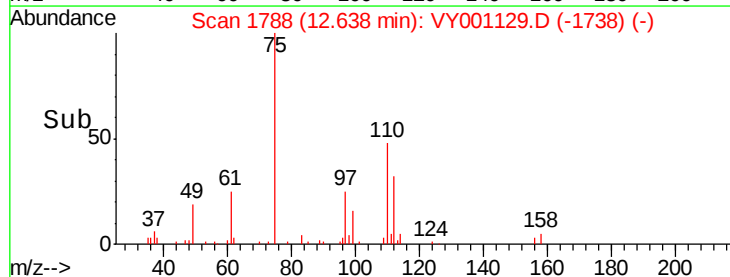
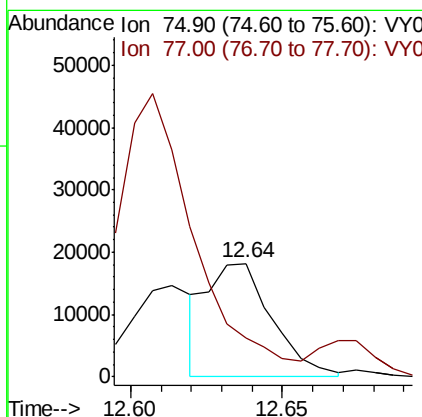
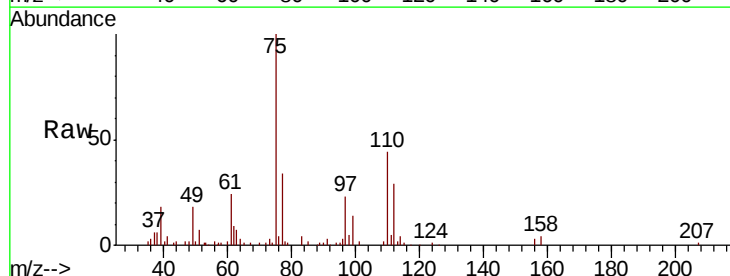
RT: 12.64 min Scan# 1788

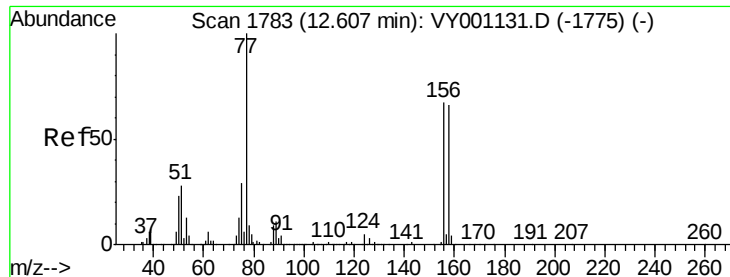
Delta R.T. 0.01 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Tgt Ion:	75	Resp:	26799
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 11.033 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:156 Resp: 50592

Ion Ratio Lower Upper

156 100

77 161.8 85.9 257.7

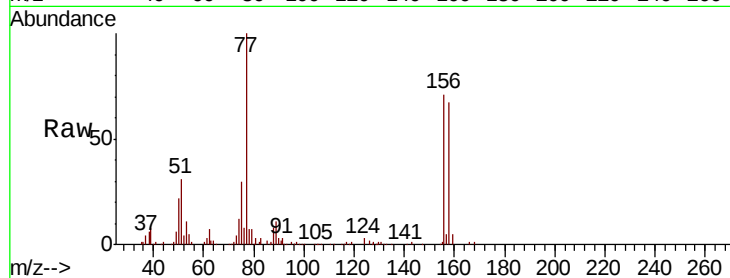
158 93.3 49.7 149.1

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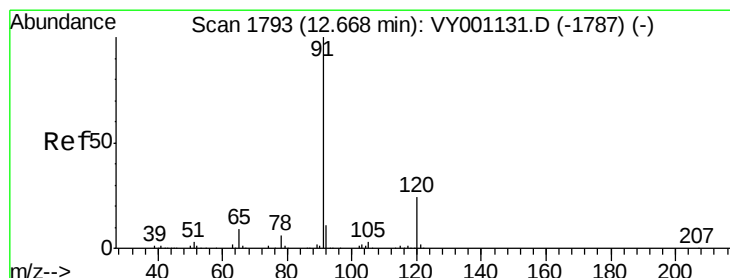
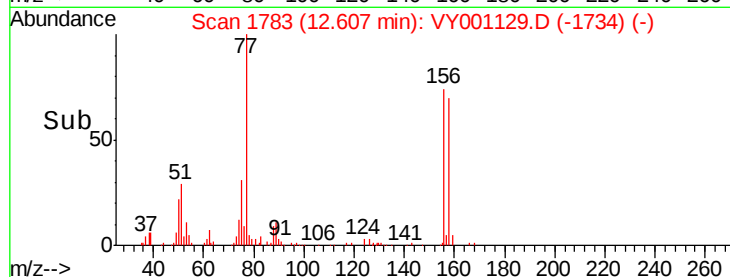
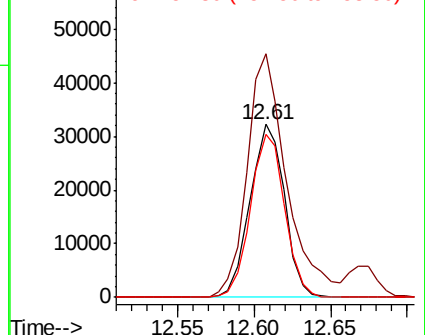
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 9.542 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001129.D

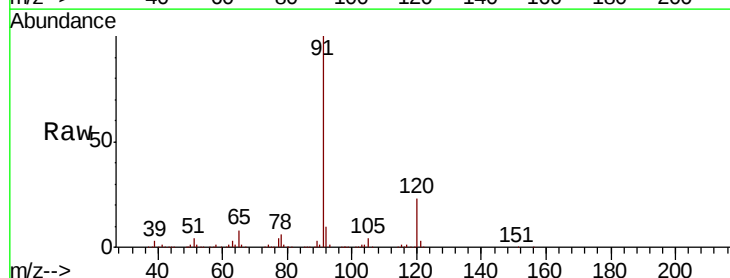
Acq: 02 Jan 2020 11:03

Tgt Ion: 91 Resp: 234465

Ion Ratio Lower Upper

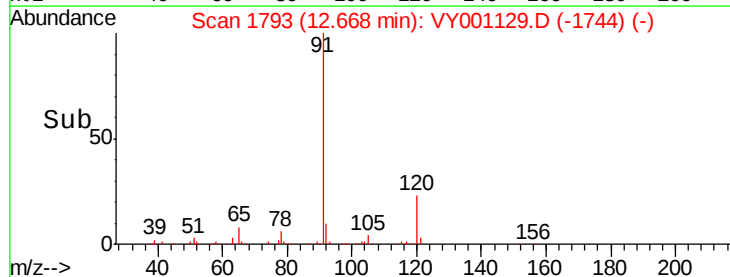
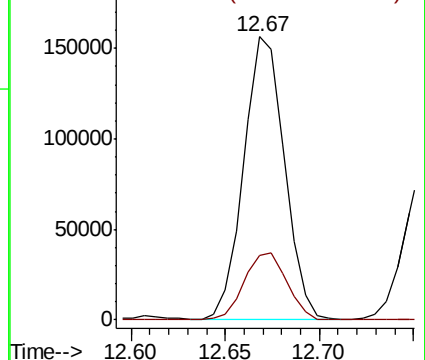
91 100

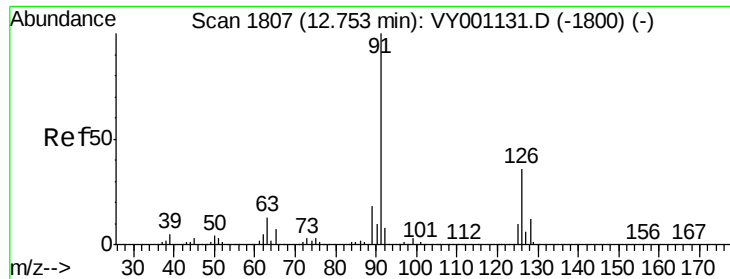
120 24.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 9.770 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC010

Tot Ion: 91 Resp: 132274

Ion Ratio Lower Upper

91 100

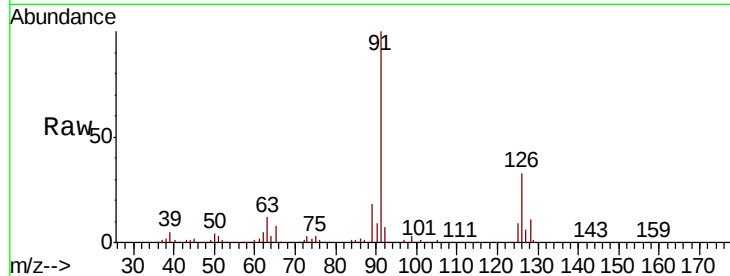
126 35.6 18.3 54.8

Manual Integrations

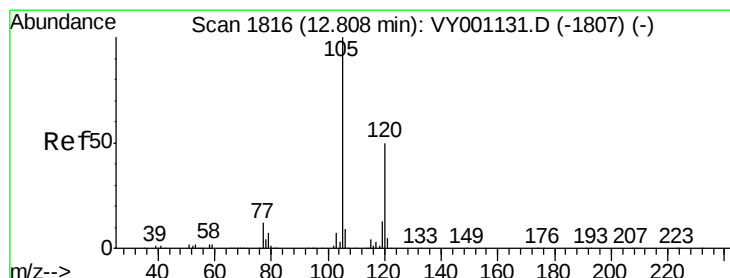
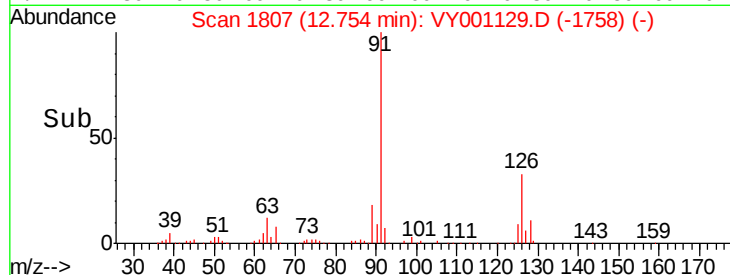
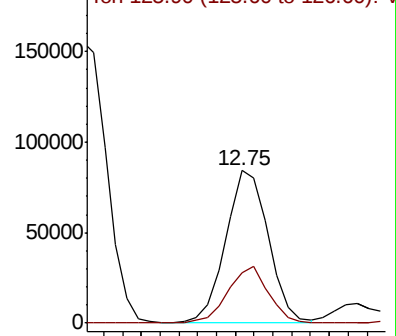
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Abundance Ion 91.00 (90.70 to 91.70): VY001129.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 10.345 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY001129.D

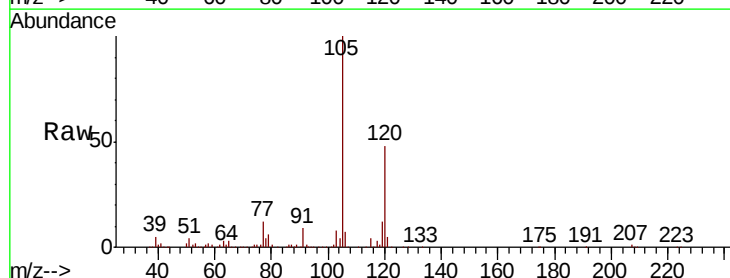
Acq: 02 Jan 2020 11:03

Tgt Ion: 105 Resp: 171925

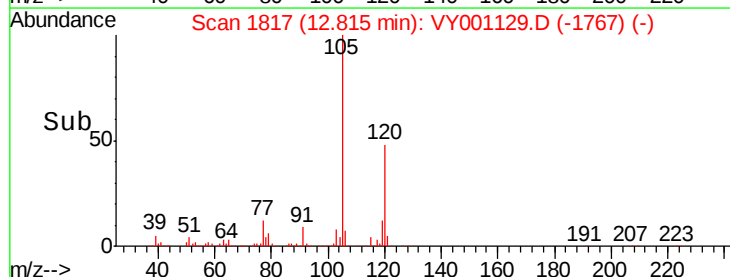
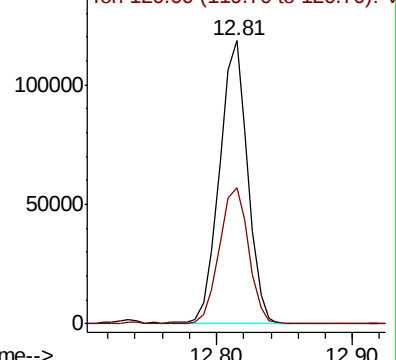
Ion Ratio Lower Upper

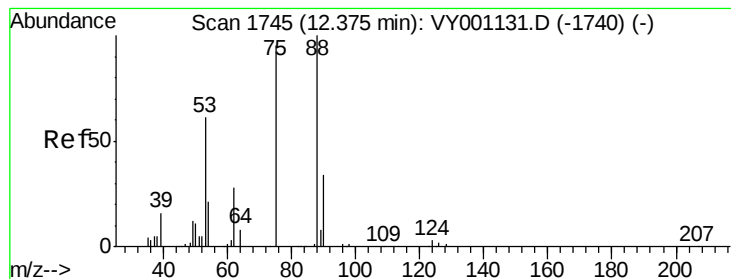
105 100

120 50.4 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VY001129.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 8.384 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

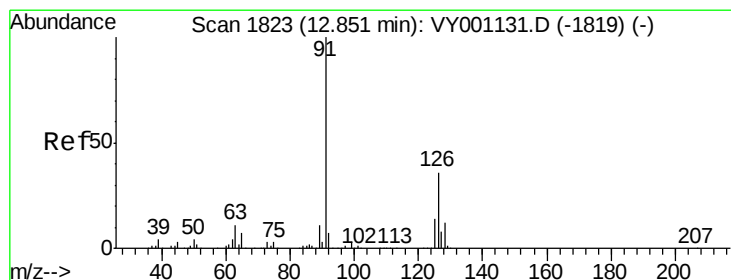
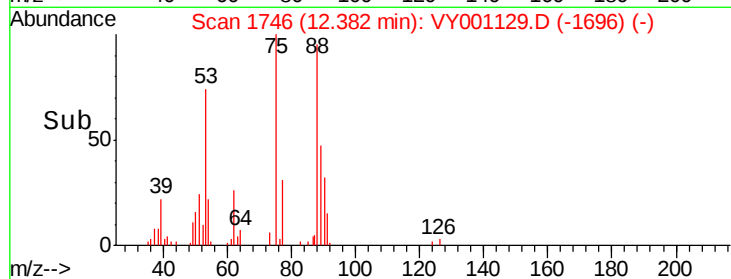
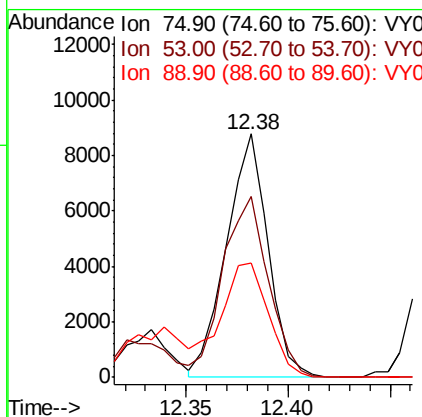
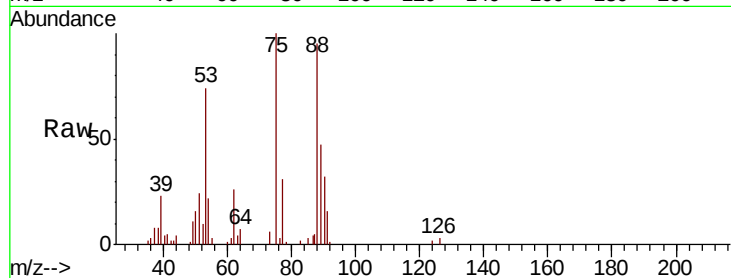
ClientSampleId :

VSTDIC010

Tot Ion:	75	Resp:	12393
Ion Ratio	Lower	Upper	
75	100		
53	81.5	55.6	83.4
89	54.9	34.7	52.1#

Manual Integrations
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#82

4-Chlorotoluene

Concen: 9.648 ug/l

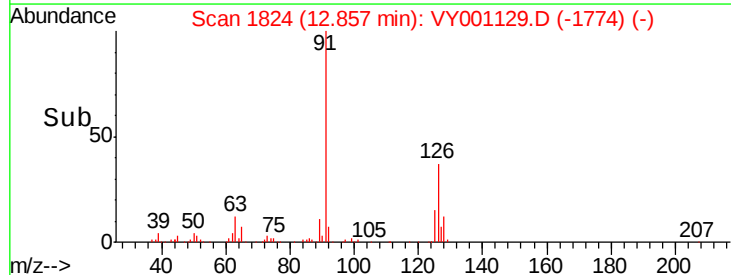
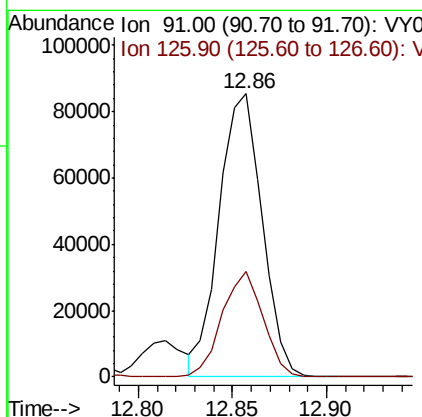
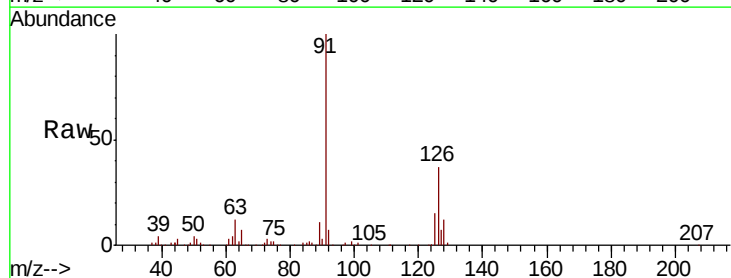
RT: 12.86 min Scan# 1824

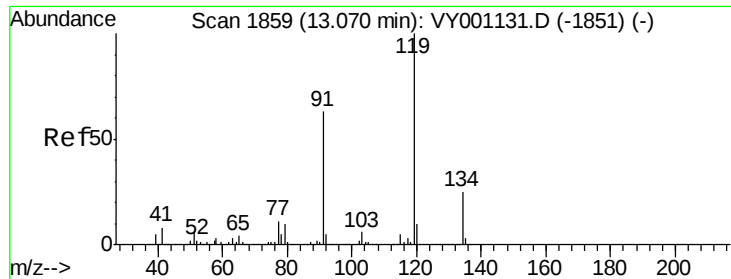
Delta R.T. 0.01 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Tgt Ion:	91	Resp:	135179
Ion Ratio	Lower	Upper	
91	100		
126	35.8	18.6	56.0





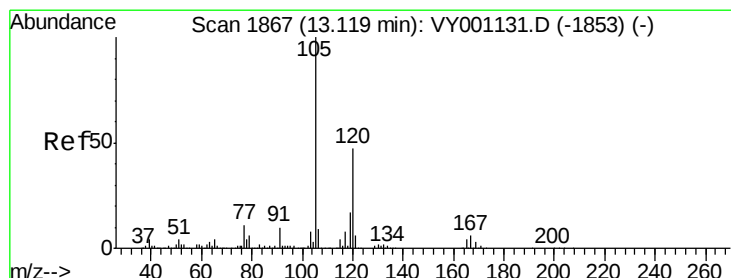
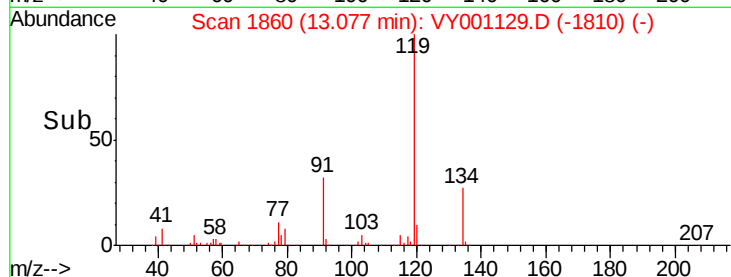
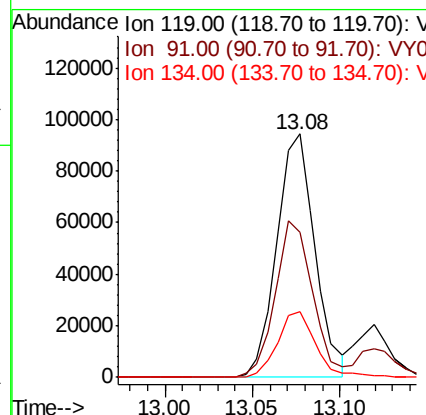
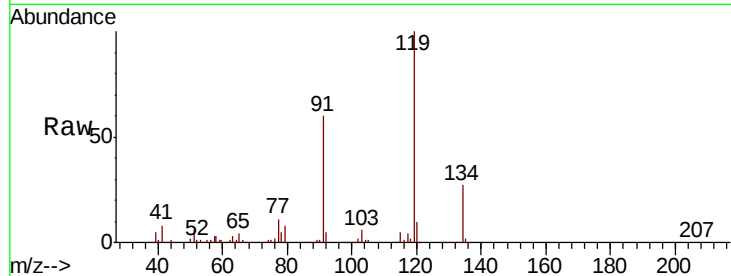
#83
tert-Butylbenzene
Concen: 10.246 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.8	30.9	92.7
134	27.4	13.2	39.5

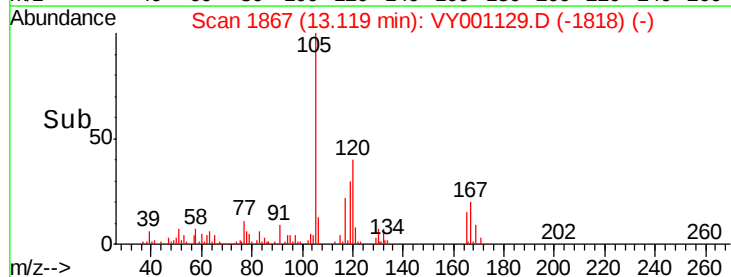
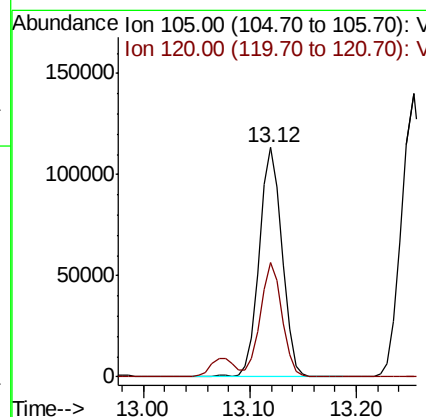
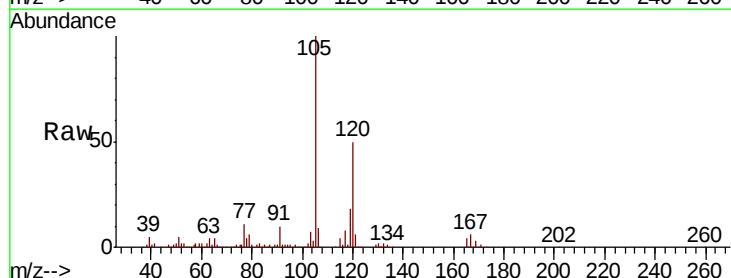
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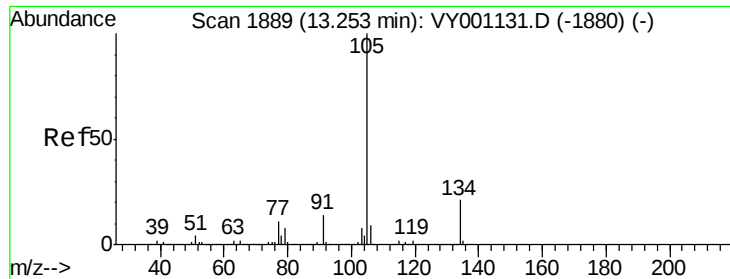
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#84
1,2,4-Trimethylbenzene
Concen: 10.279 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	24.0	72.0





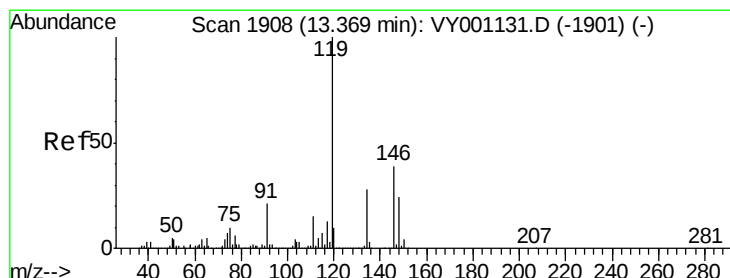
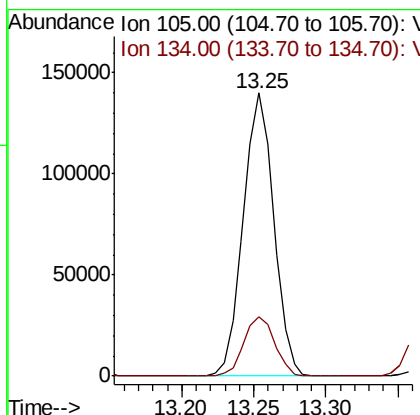
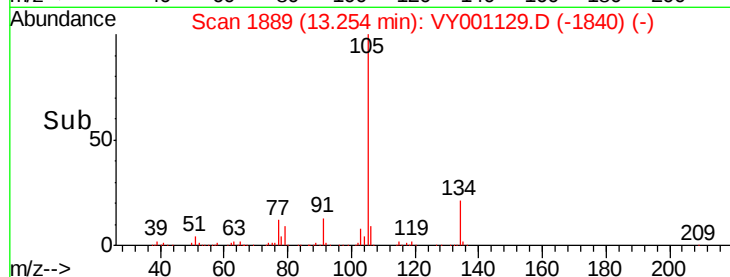
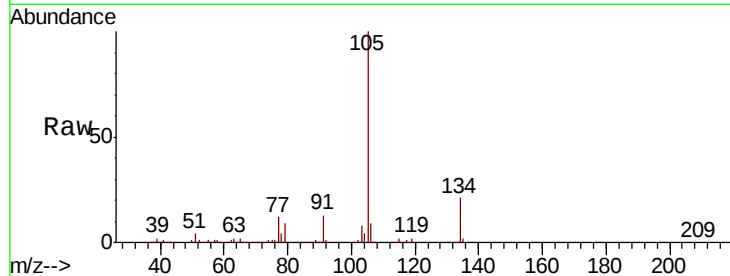
#85
 sec-Butylbenzene
 Concen: 10.000 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY001129.D
 Acq: 02 Jan 2020 11:03

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.2	30.6

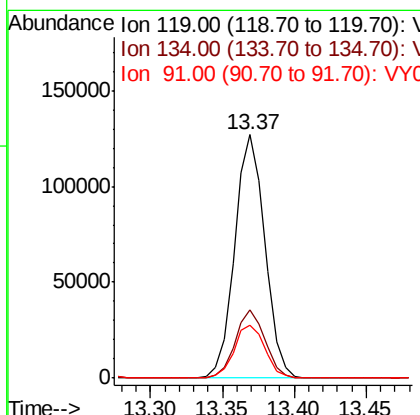
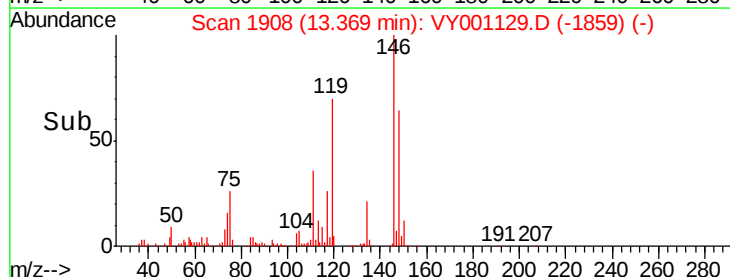
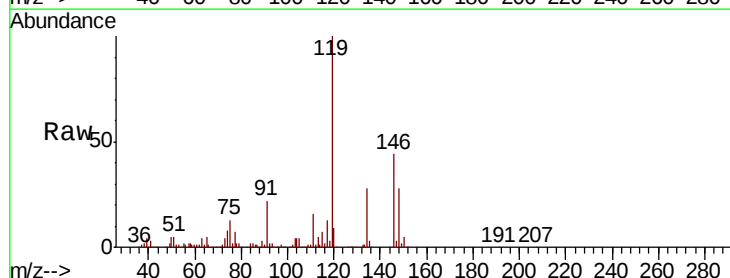
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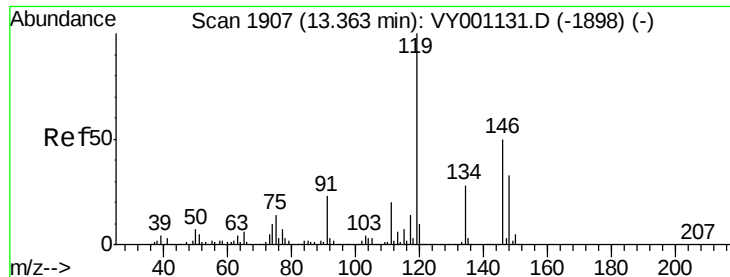
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#86
 p-Isopropyltoluene
 Concen: 10.356 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY001129.D
 Acq: 02 Jan 2020 11:03

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.8	41.3
91	22.5	11.1	33.1





#87

1,3-Dichlorobenzene

Concen: 10.750 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

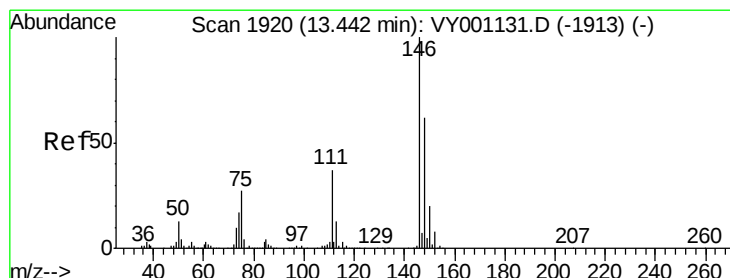
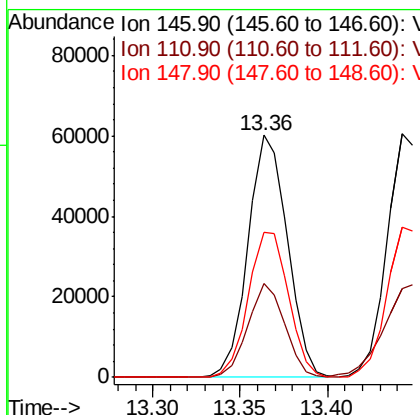
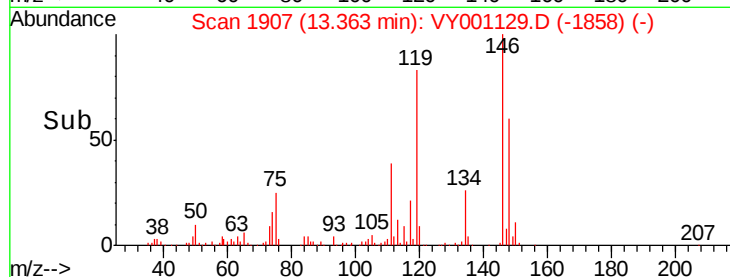
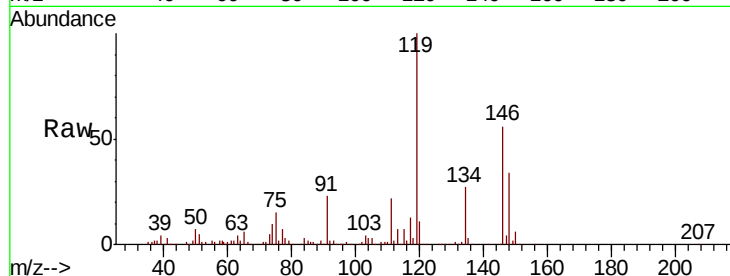
ClientSampleId :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.3	19.5	58.5
148	61.3	31.9	95.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 10.554 ug/l

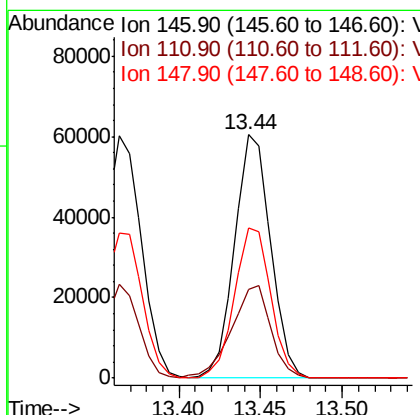
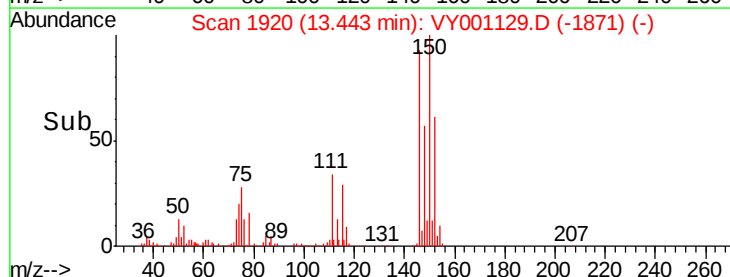
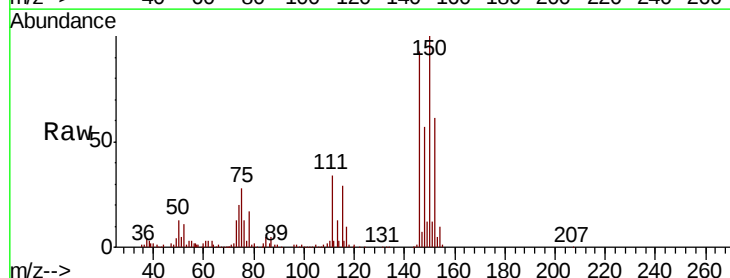
RT: 13.44 min Scan# 1920

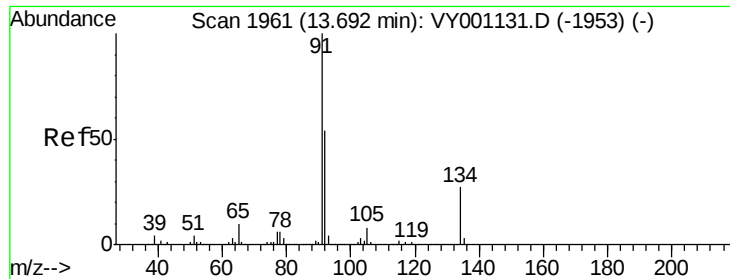
Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	19.1	57.3
148	62.1	32.0	96.0





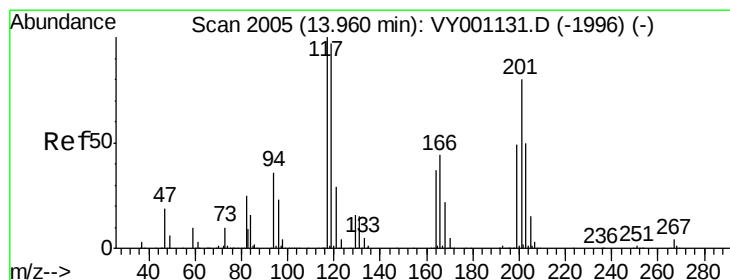
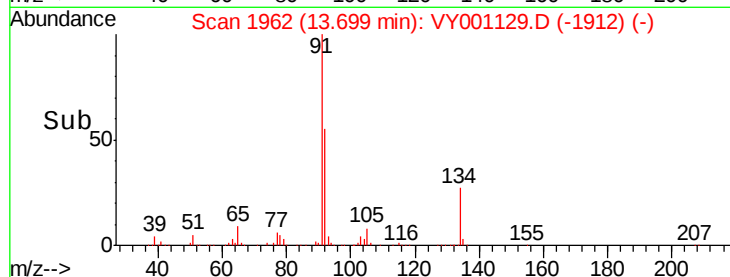
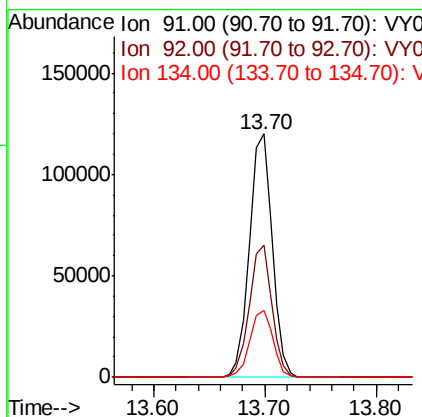
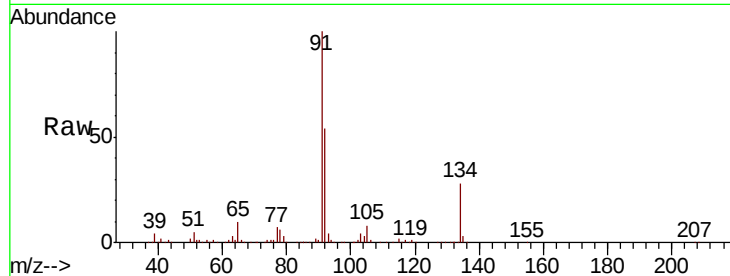
#89
n-Butylbenzene
Concen: 9.684 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.2	81.5
134	28.2	14.1	42.4

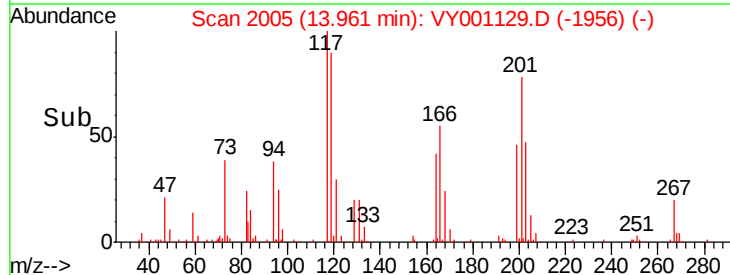
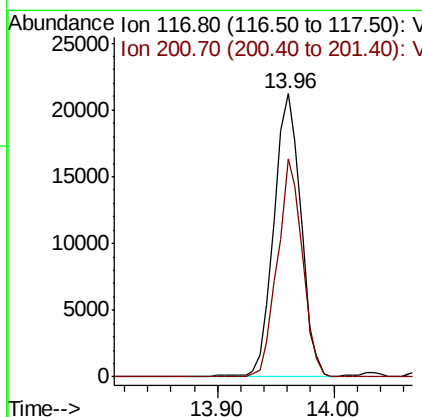
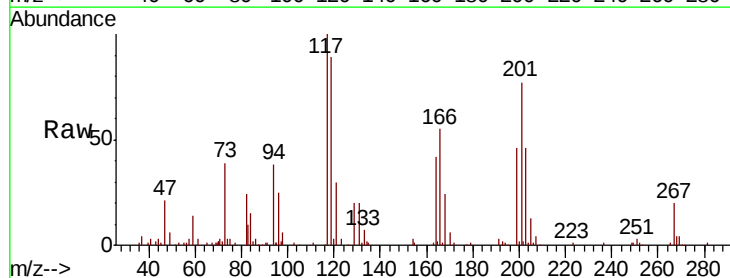
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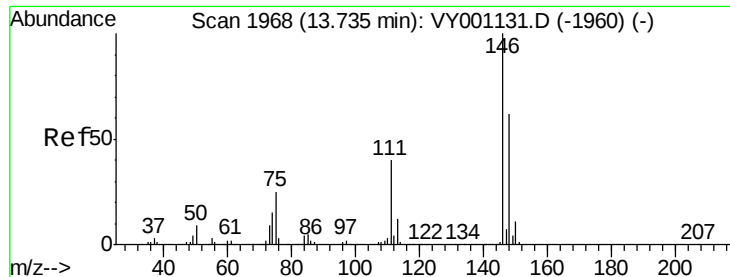
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#90
Hexachloroethane
Concen: 10.250 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY001129.D
Acq: 02 Jan 2020 11:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.7	38.0	114.0





#91

1,2-Dichlorobenzene

Concen: 10.585 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

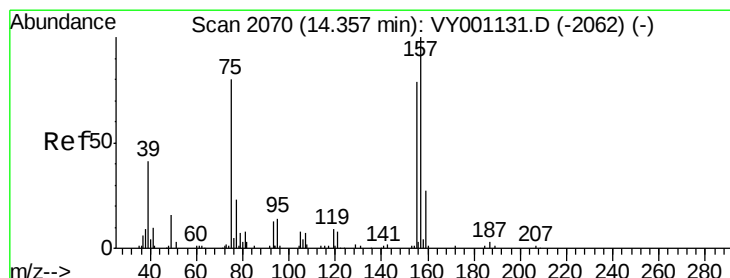
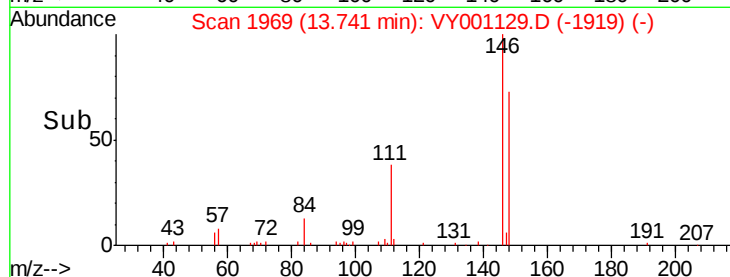
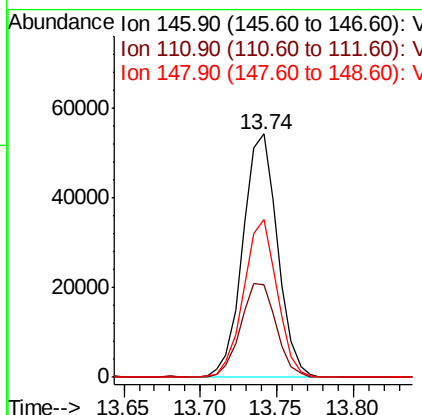
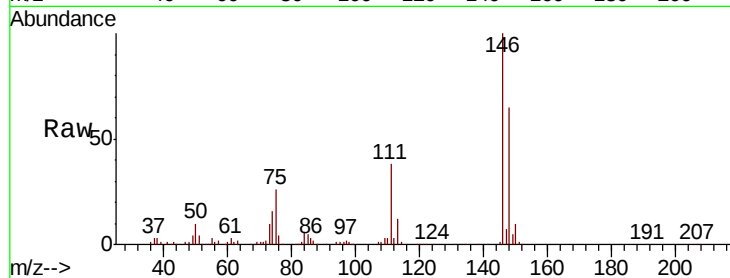
ClientSampled :

VSTDIC010

Tot Ion:	146	Resp:	85436
Ion Ratio	Lower	Upper	
146	100		
111	39.5	20.1	60.3
148	62.8	31.9	95.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 9.685 ug/l

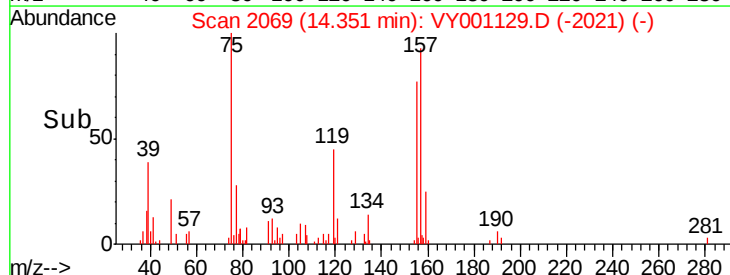
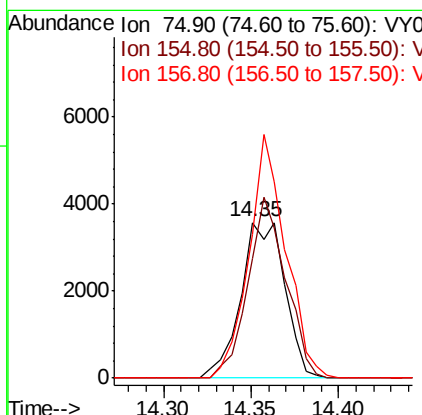
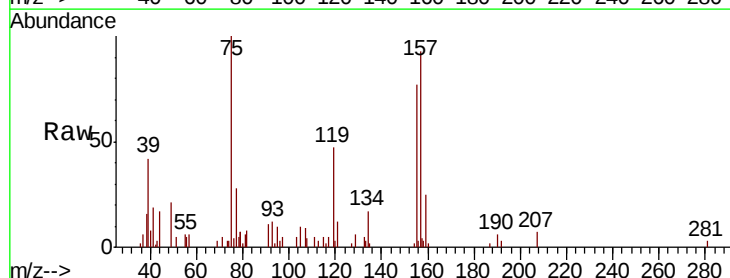
RT: 14.35 min Scan# 2069

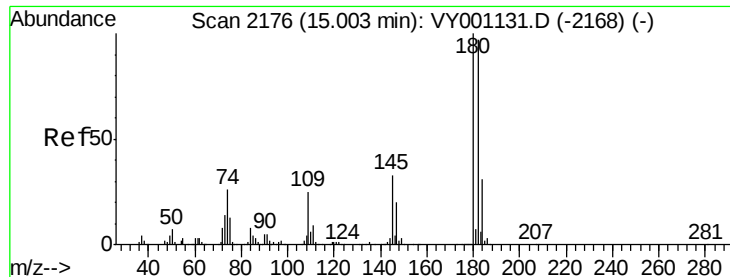
Delta R.T. -0.01 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Tgt Ion:	75	Resp:	6281
Ion Ratio	Lower	Upper	
75	100		
155	99.3	50.4	151.3
157	130.2	64.0	192.0





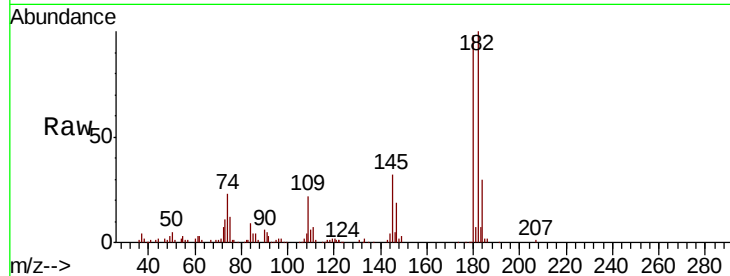
#93
 1,2,4-Trichlorobenzene
 Concen: 10.938 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY001129.D
 Acq: 02 Jan 2020 11:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

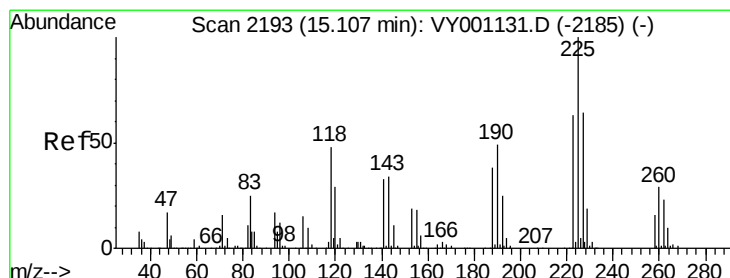
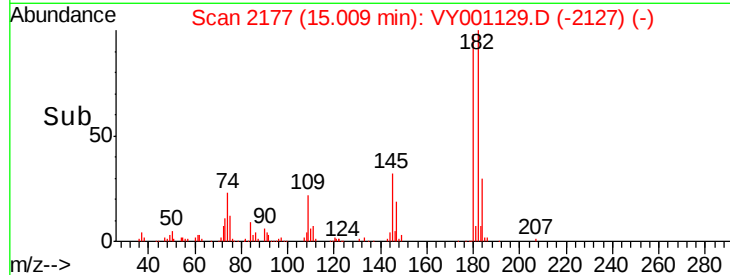
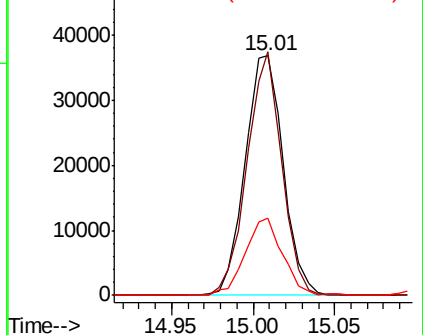
Tot Ion:	180	Resp:	59692
Ion Ratio	Lower	Upper	
180	100		
182	92.3	48.6	145.8
145	31.9	16.1	48.3

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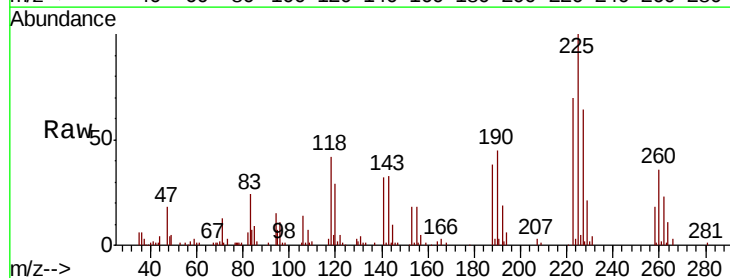


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

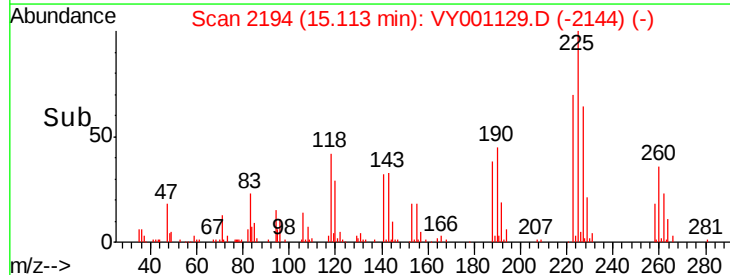
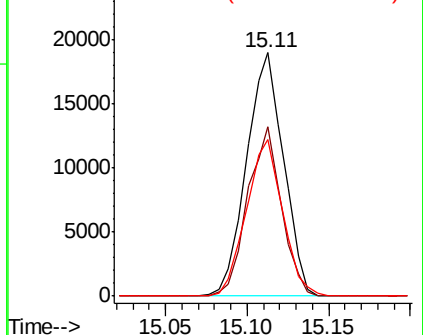


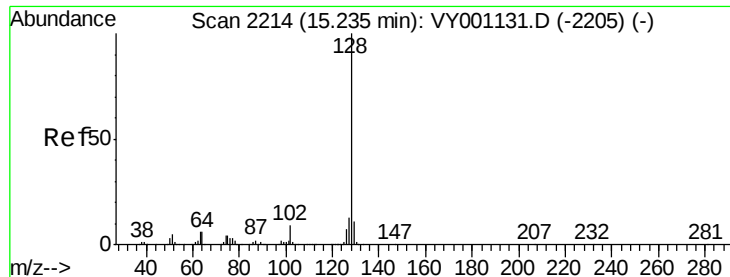
#94
 Hexachlorobutadiene
 Concen: 11.397 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY001129.D
 Acq: 02 Jan 2020 11:03

Tgt Ion:	225	Resp:	29968
Ion Ratio	Lower	Upper	
225	100		
223	63.6	31.8	95.3
227	63.1	32.6	97.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 10.628 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Instrument :

MSVOA_Y

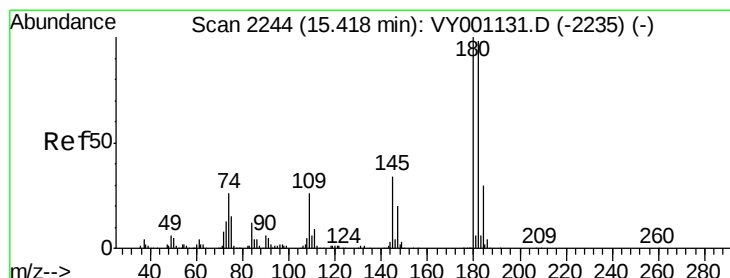
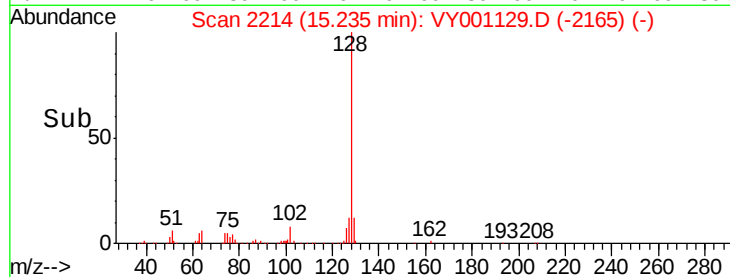
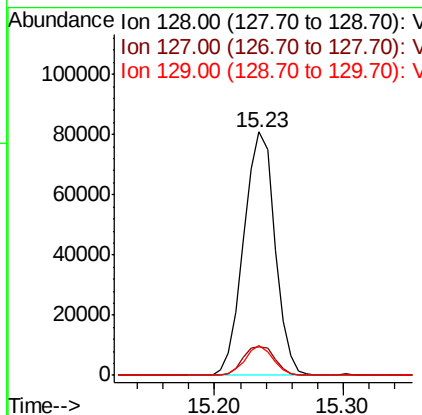
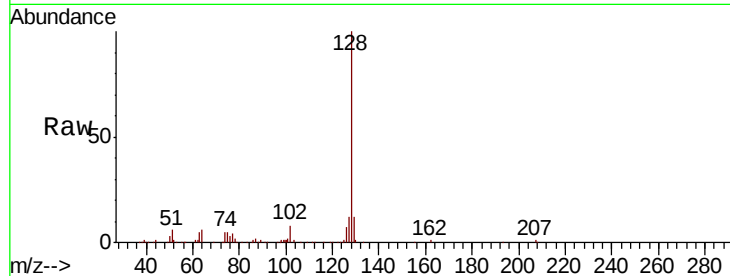
ClientSampleId :

VSTDIC010

Tot Ion:	128	Resp:	135003
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.1	15.1
129	11.1	8.7	13.1

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#96

1,2,3-Trichlorobenzene

Concen: 10.616 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.01 min

Lab File: VY001129.D

Acq: 02 Jan 2020 11:03

Tgt Ion:	180	Resp:	51664
Ion Ratio	Lower	Upper	
180	100		
182	98.4	47.8	143.3
145	32.3	16.5	49.5

