

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
 Data File : VY001133.D
 Acq On : 02 Jan 2020 12:29
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
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 1/3/2020 11:12:21 AM

Quant Time: Jan 02 13:11:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y010220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 02 12:52:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	365853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	621080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	532868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	237306	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	425389	137.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	275.50%	
35) Dibromofluoromethane	7.73	113	470385	130.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	260.54%	
50) Toluene-d8	10.18	98	1877109	144.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.96%	
62) 4-Bromofluorobenzene	12.48	95	614660	121.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	242.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	402284	149.179	ug/l	96
3) Chloromethane	2.12	50	299936	162.652	ug/l	99
4) Vinyl Chloride	2.25	62	313287	168.092	ug/l	96
5) Bromomethane	2.62	94	182552	129.125	ug/l	96
6) Chloroethane	2.79	64	197818	153.996	ug/l	99
7) Trichlorofluoromethane	3.12	101	693421	132.939	ug/l	97
8) Diethyl Ether	3.53	74	324613	186.352	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	542838	173.063	ug/l	98
10) Methyl Iodide	4.10	142	896903	182.958	ug/l	99
11) Tert butyl alcohol	4.97	59	231377	765.448	ug/l	100
12) 1,1-Dichloroethene	3.88	96	562354	173.913	ug/l	94
13) Acrolein	3.73	56	238707	1022.475	ug/l	99
14) Allyl chloride	4.49	41	622474	173.195	ug/l	100
15) Acrylonitrile	5.17	53	689859	864.814	ug/l	99
16) Acetone	3.95	43	463373	834.427	ug/l	94
17) Carbon Disulfide	4.19	76	1779244	182.869	ug/l	99
18) Methyl Acetate	4.49	43	319644	179.750	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	1351195	166.234	ug/l	98
20) Methylene Chloride	4.72	84	591446	147.047	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	606918	161.218	ug/l	94
22) Diisopropyl ether	6.13	45	1222429	165.488	ug/l	97
23) Vinyl Acetate	6.07	43	3884251	840.521	ug/l	99
24) 1,1-Dichloroethane	6.03	63	855854	168.088	ug/l	98
25) 2-Butanone	7.00	43	705842	732.995	ug/l	99
26) 2,2-Dichloropropane	6.99	77	795316	140.413	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	654830	145.505	ug/l	100
28) Bromochloromethane	7.35	49	299967	154.920	ug/l	99
29) Tetrahydrofuran	7.35	42	477713	738.593	ug/l	98
30) Chloroform	7.52	83	914332	143.109	ug/l	100
31) Cyclohexane	7.79	56	814295	132.592	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	840295	140.475	ug/l	99
36) 1,1-Dichloropropene	7.92	75	747915	135.862	ug/l	99
37) Ethyl Acetate	7.08	43	321167	141.082	ug/l	98
38) Carbon Tetrachloride	7.91	117	781092	136.680	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	1050623	138.098	ug/l	97
40) Benzene	8.17	78	2293163	135.200	ug/l	100
41) Methacrylonitrile	7.33	41	174902m	67.598	ug/l	
42) 1,2-Dichloroethane	8.25	62	547052	135.576	ug/l	99
43) Isopropyl Acetate	8.28	43	632905	141.578	ug/l	100
44) Trichloroethene	8.94	130	674004	132.391	ug/l	95
45) 1,2-Dichloropropane	9.22	63	513761	136.594	ug/l	97
46) Dibromomethane	9.31	93	307920	139.438	ug/l	98
47) Bromodichloromethane	9.50	83	721740	146.402	ug/l	98
48) Methyl methacrylate	9.30	41	269687	141.622	ug/l	98
49) 1,4-Dioxane	9.30	88	90218	2703.103	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	1543908	737.154	ug/l	100
52) Toluene	10.25	92	1440898	140.290	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	767432	149.549	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	890705	147.399	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	460169	145.063	ug/l	96
56) Ethyl methacrylate	10.51	69	617408	153.252	ug/l	98
57) 1,3-Dichloropropane	10.79	76	749633	152.531	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	983204	665.801	ug/l	98
59) 2-Hexanone	10.83	43	1092417	779.265	ug/l	100
60) Dibromochloromethane	10.99	129	553037	153.727	ug/l	100
61) 1,2-Dibromoethane	11.09	107	456249	148.484	ug/l	99
64) Tetrachloroethene	10.72	164	661001	129.134	ug/l	99
65) Chlorobenzene	11.52	112	1562985	135.727	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	543439	133.584	ug/l	99
67) Ethyl Benzene	11.59	91	2688072	133.658	ug/l	100
68) m/p-Xylenes	11.70	106	2078003	260.279	ug/l	100
69) o-Xylene	12.03	106	972936	128.051	ug/l	100
70) Styrene	12.04	104	1652575	128.579	ug/l	99
71) Bromoform	12.20	173	326507	136.812	ug/l	99
73) Isopropylbenzene	12.33	105	2567889	142.264	ug/l	100
74) N-amyl acetate	12.14	43	518612	153.434	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	472374	149.227	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	337138m	76.502	ug/l	
77) Bromobenzene	12.61	156	617225	141.281	ug/l	98
78) n-propylbenzene	12.67	91	3024544	141.618	ug/l	100
79) 2-Chlorotoluene	12.75	91	1665557	140.778	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	2069759	134.340	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	192909	161.314	ug/l	97
82) 4-Chlorotoluene	12.85	91	1709104	140.499	ug/l	99
83) tert-Butylbenzene	13.07	119	1803369	137.928	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	2069637	134.138	ug/l	99
85) sec-Butylbenzene	13.25	105	2515106	137.246	ug/l	99
86) p-Isopropyltoluene	13.37	119	2167696	130.324	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	1069941	129.053	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	1113513	134.182	ug/l	99
89) n-Butylbenzene	13.69	91	2094397	134.843	ug/l	100
90) Hexachloroethane	13.96	117	432921	142.453	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	1017948	134.743	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	79408	140.892	ug/l	94

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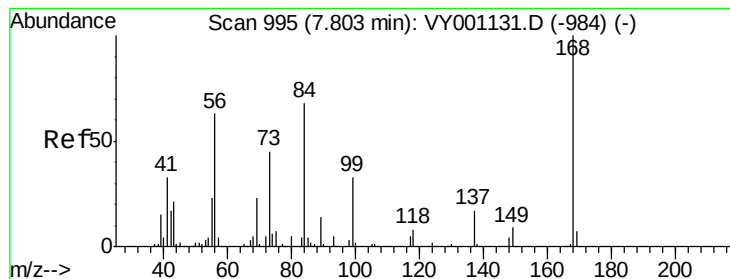
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	700302	134.550	ug/l	97
94) Hexachlorobutadiene	15.11	225	338042	127.169	ug/l	98
95) Naphthalene	15.23	128	1656818	140.415	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	630917	135.627	ug/l	99

(#) = 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: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 365853

Ion Ratio Lower Upper

168 100

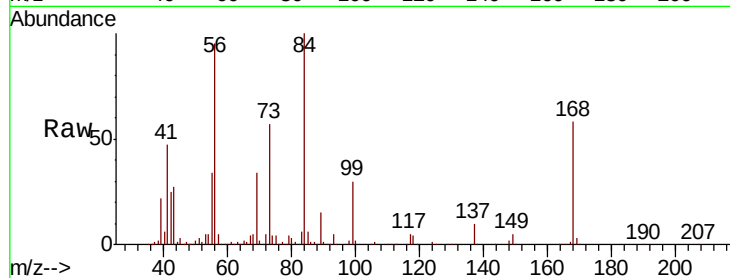
99 51.0 42.5 63.7

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Abundance Ion 167.90 (167.60 to 168.60): VY001133.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY001133.D (-984) (-)

200000

150000

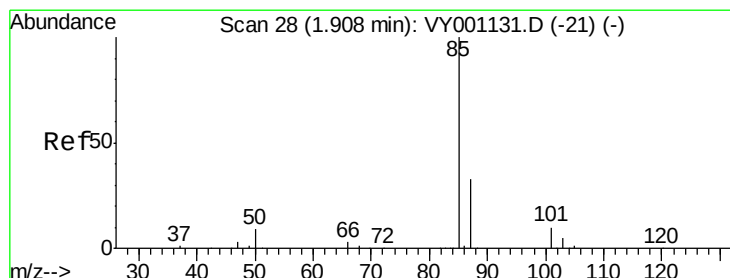
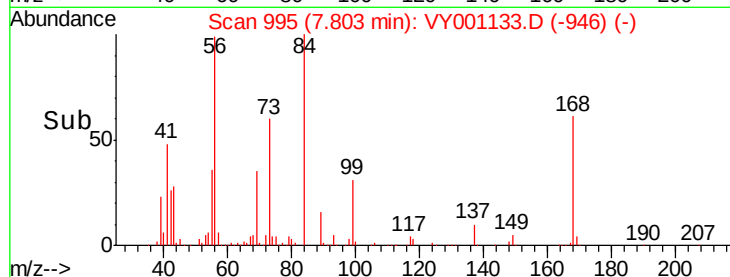
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 149.179 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY001133.D

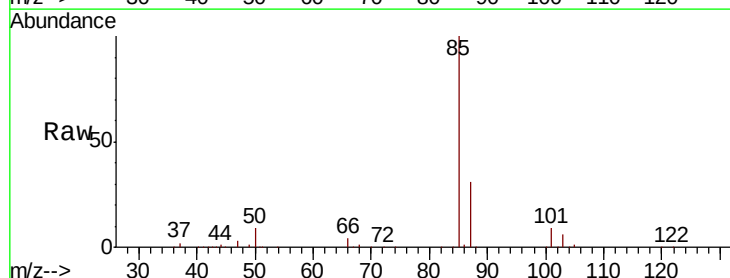
Acq: 02 Jan 2020 12:29

Tgt Ion: 85 Resp: 402284

Ion Ratio Lower Upper

85 100

87 30.9 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VY001133.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001133.D (-1) (-)

300000

250000

200000

150000

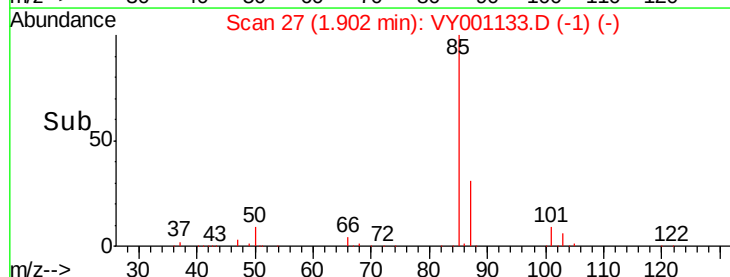
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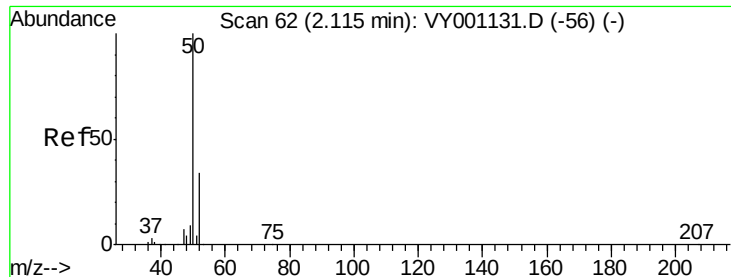
50000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 162.652 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 299936

Ion Ratio Lower Upper

50 100

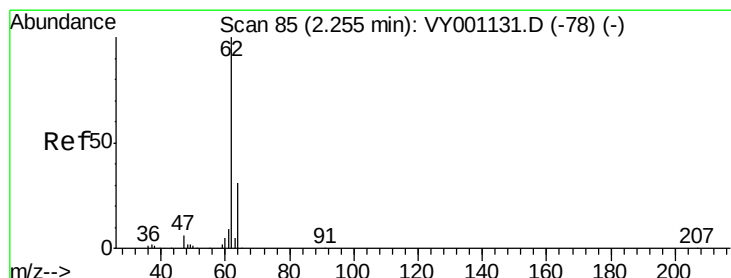
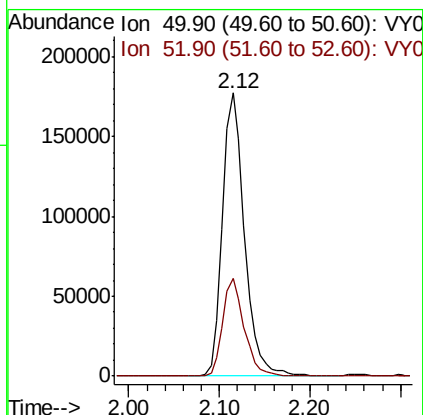
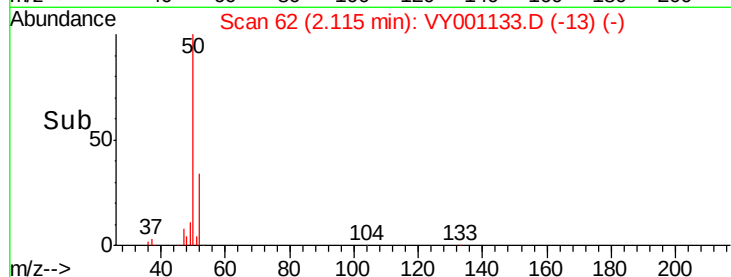
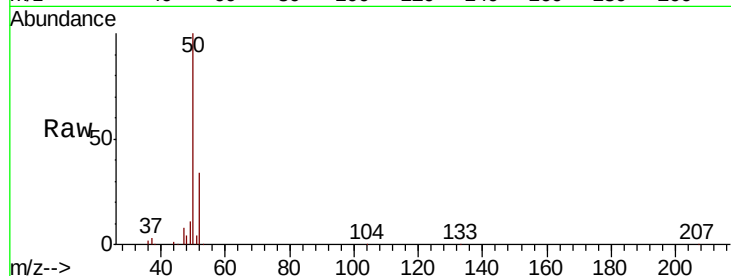
52 34.4 27.3 40.9

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#4

Vinyl Chloride

Concen: 168.092 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY001133.D

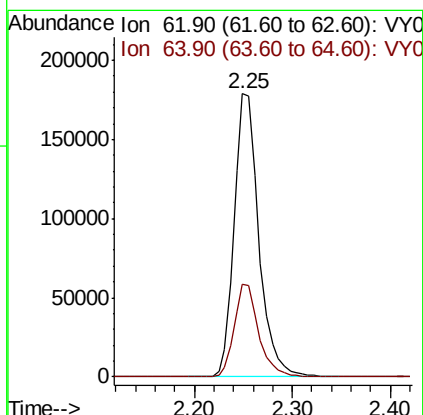
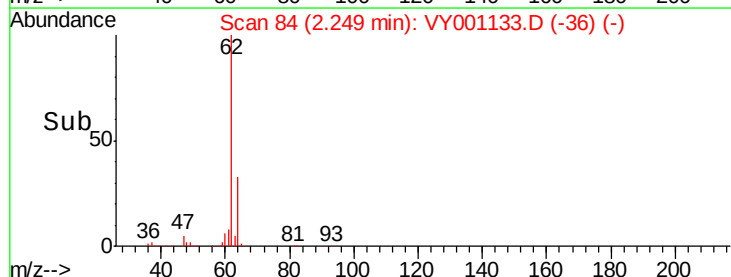
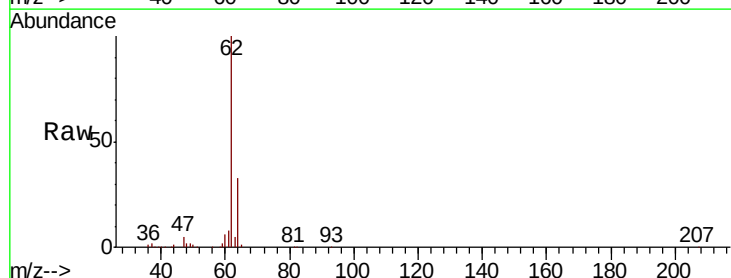
Acq: 02 Jan 2020 12:29

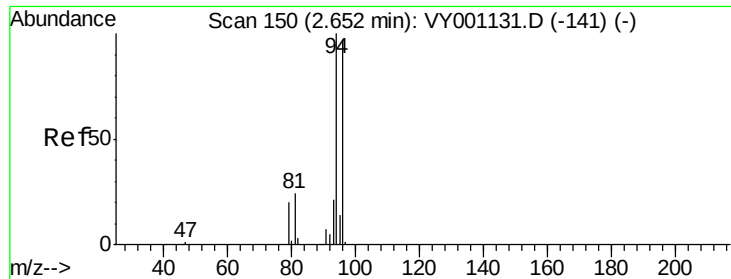
Tgt Ion: 62 Resp: 313287

Ion Ratio Lower Upper

62 100

64 32.6 24.4 36.6





#5

Bromomethane

Concen: 129.125 ug/l

RT: 2.62 min Scan# 145

Delta R.T. -0.03 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 182552

Ion Ratio Lower Upper

94 100

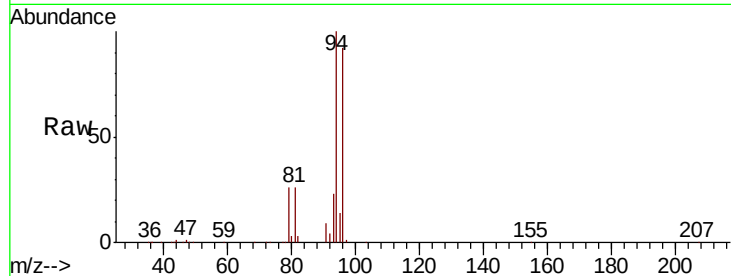
96 92.4 77.3 115.9

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

100000

80000

60000

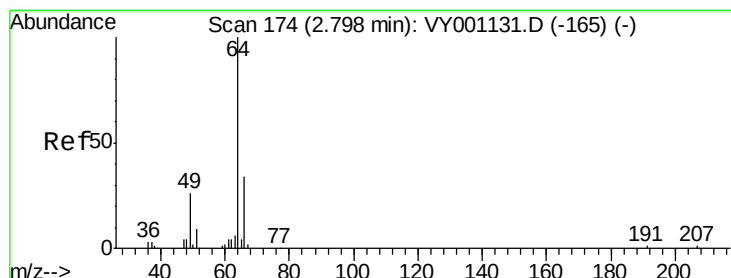
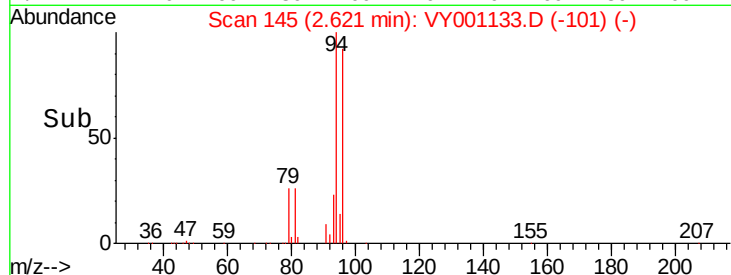
40000

20000

0

2.50 2.60 2.70 2.80

Time-->



#6

Chloroethane

Concen: 153.996 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY001133.D

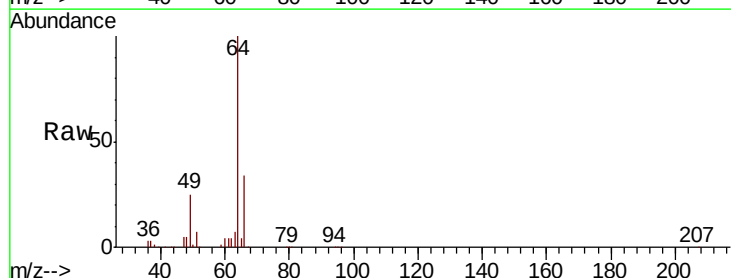
Acq: 02 Jan 2020 12:29

Tgt Ion: 64 Resp: 197818

Ion Ratio Lower Upper

64 100

66 33.7 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

100000

80000

60000

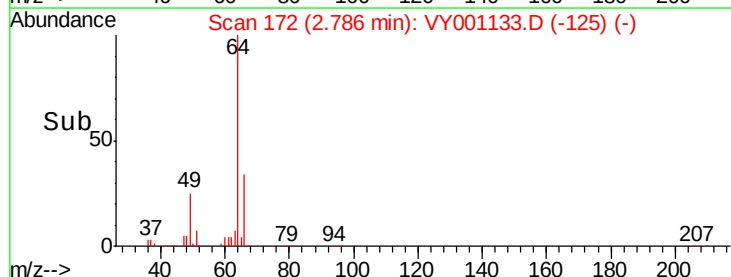
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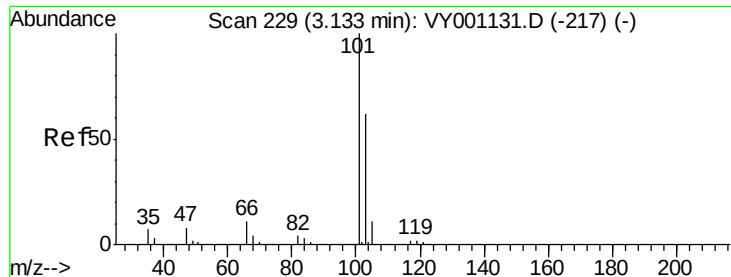
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0

2.70 2.80 2.90

Time-->





#7

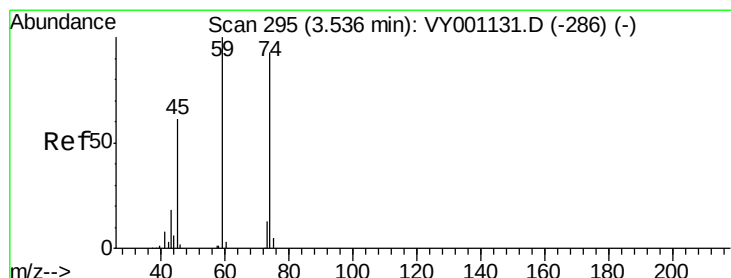
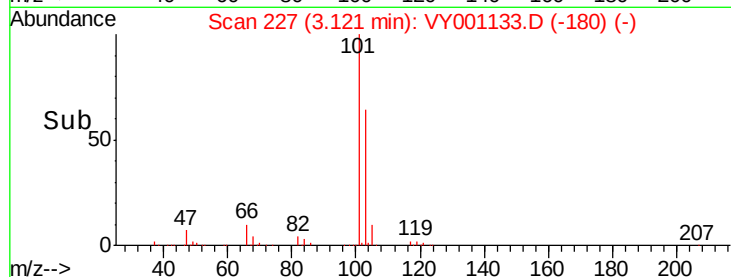
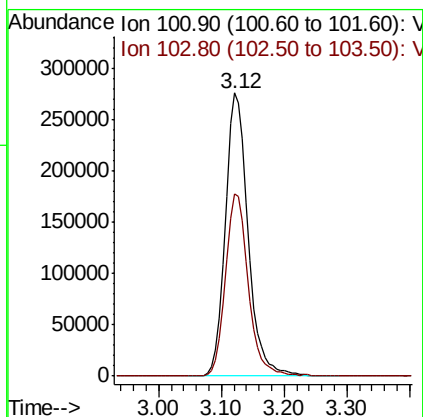
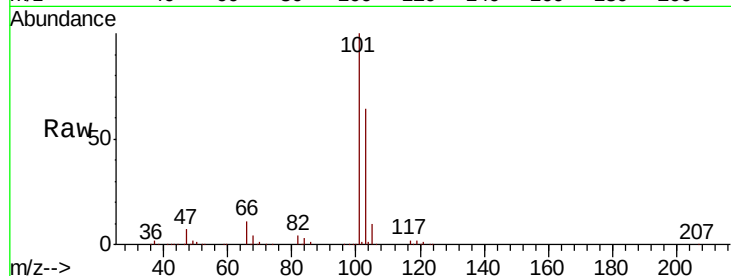
Trichlorofluoromethane
Concen: 132.939 ug/l
RT: 3.12 min Scan# 227
Delta R.T. -0.01 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Instrument :
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ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	49.7	74.5

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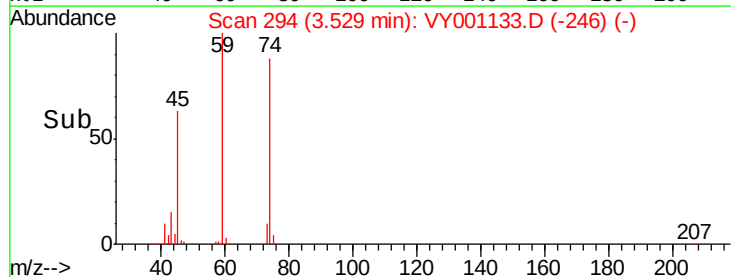
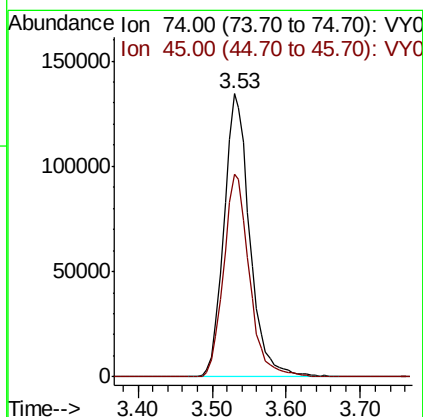
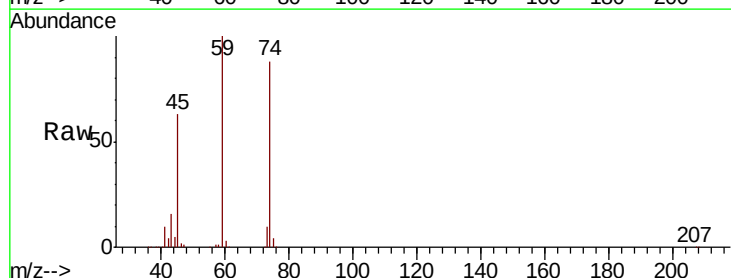
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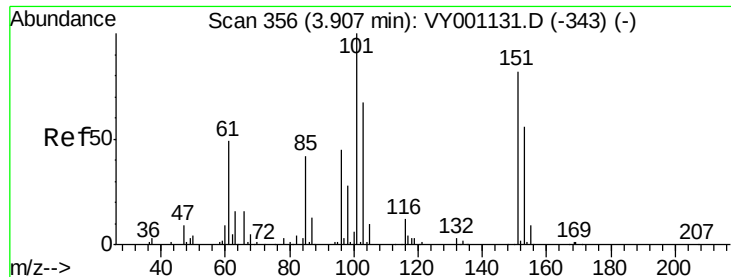


#8

Diethyl Ether
Concen: 186.352 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	71.5	33.2	99.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 173.063 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

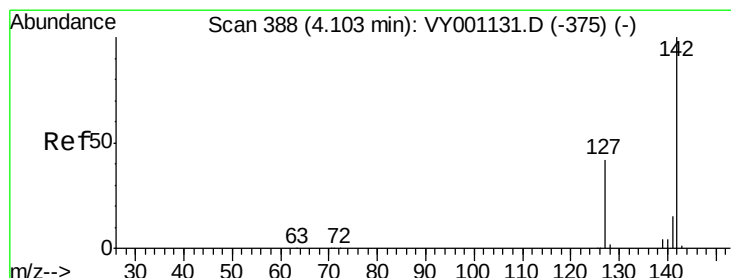
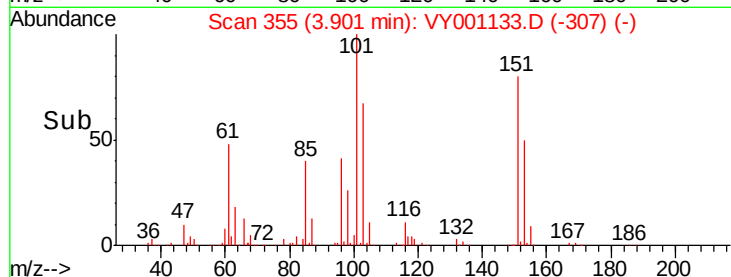
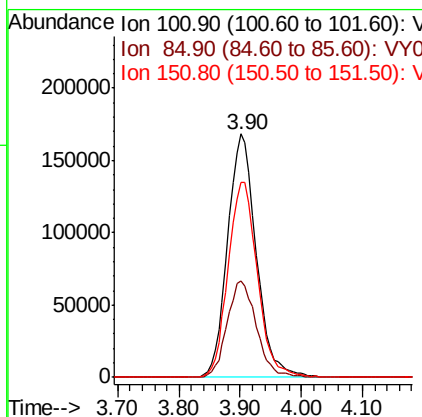
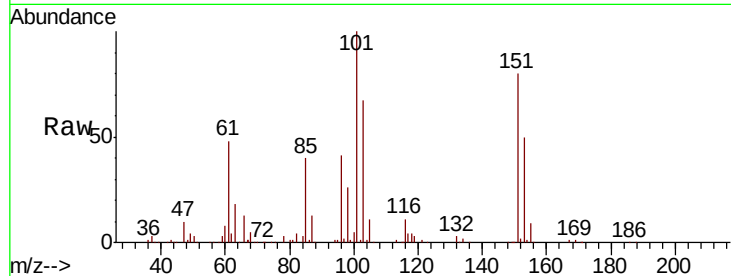
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	542838
Ion Ratio	Lower	Upper	
101	100		
85	40.3	32.8	49.2
151	82.1	67.4	101.0

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#10

Methyl Iodide

Concen: 182.958 ug/l

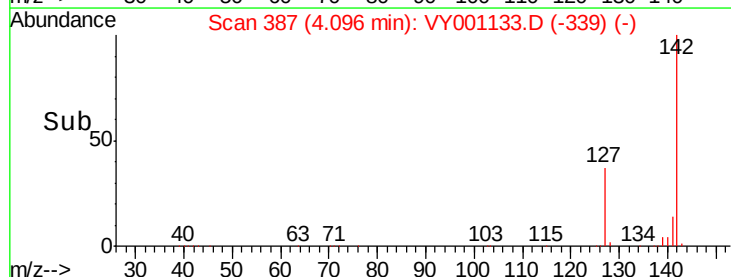
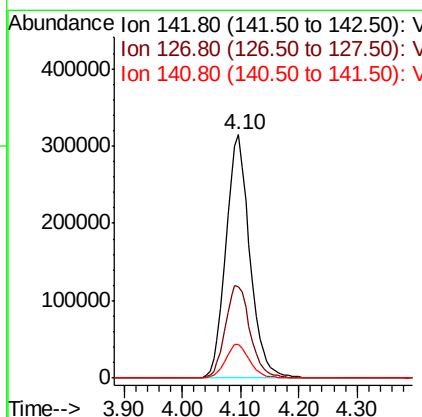
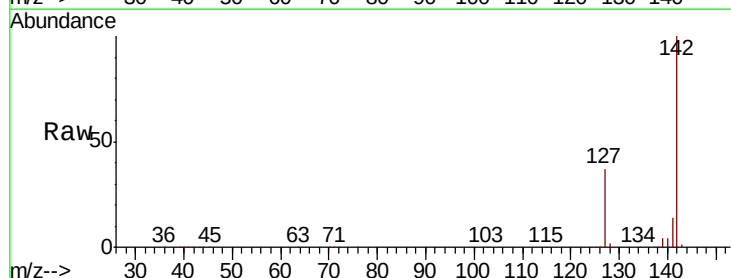
RT: 4.10 min Scan# 387

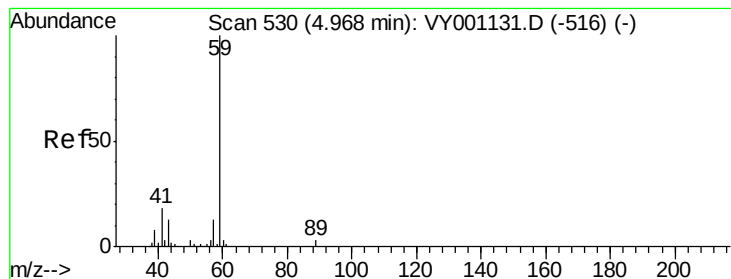
Delta R.T. -0.01 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Tgt Ion:	142	Resp:	896903
Ion Ratio	Lower	Upper	
142	100		
127	39.6	32.2	48.4
141	14.0	11.1	16.7





#11

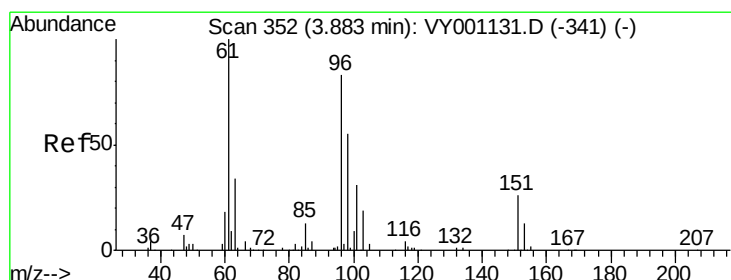
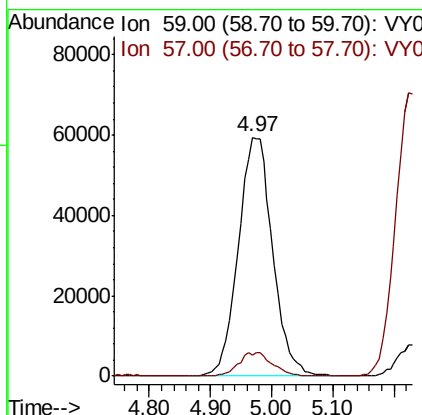
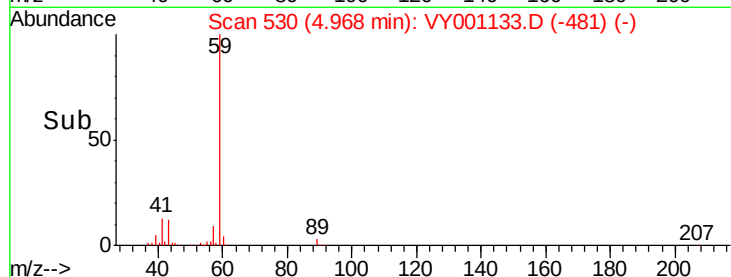
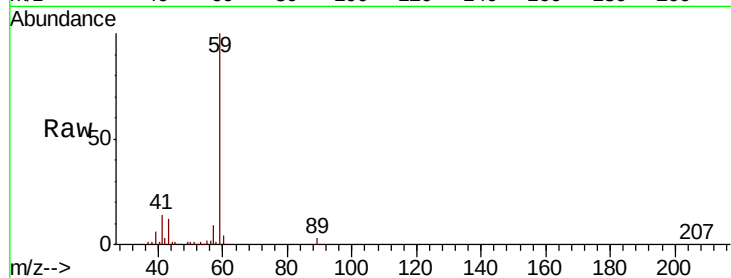
Tert butyl alcohol
Concen: 765.448 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.00 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.8	11.6

Manual Integrations
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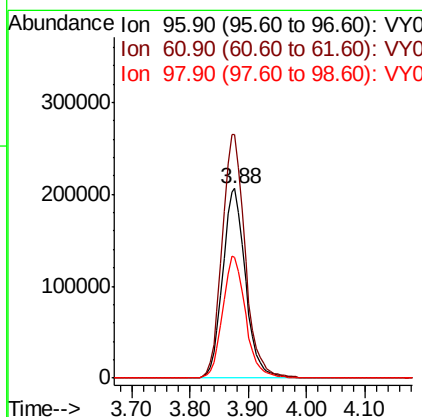
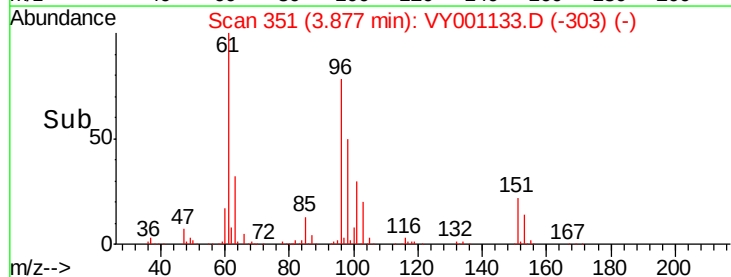
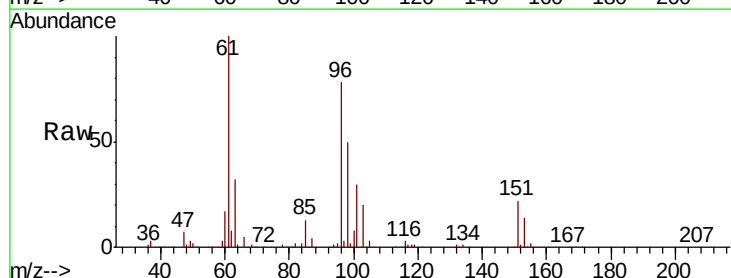
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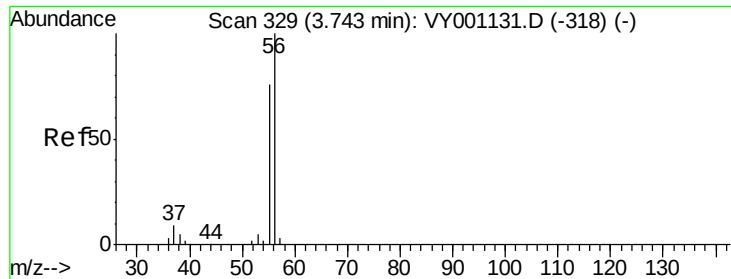


#12

1,1-Dichloroethene
Concen: 173.913 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.01 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	128.4	96.2	144.4
98	63.7	52.8	79.2





#13

Acrolein

Concen: 1022.475 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC150

Tot Ion: 56 Resp: 238707

Ion Ratio Lower Upper

56 100

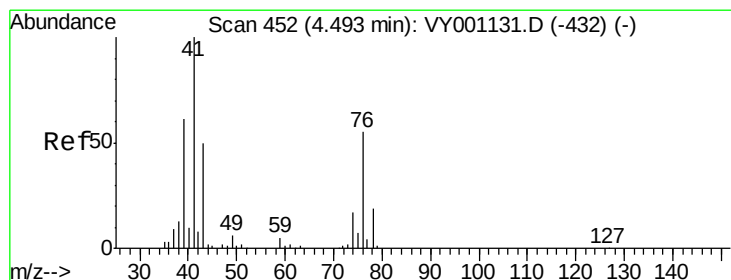
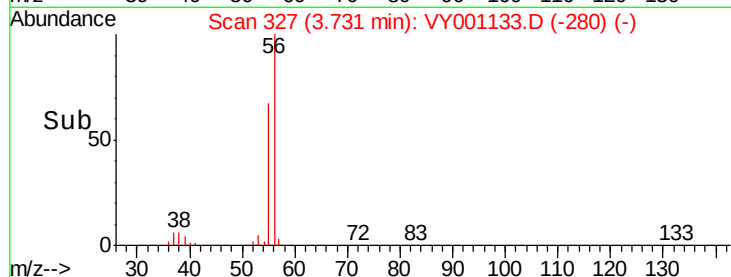
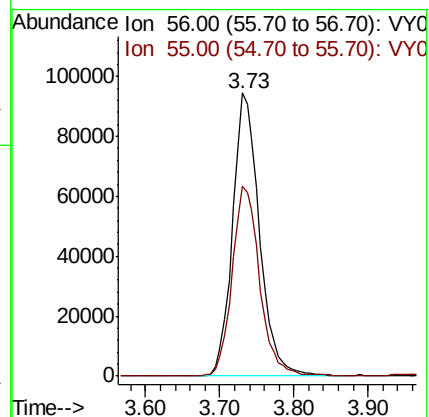
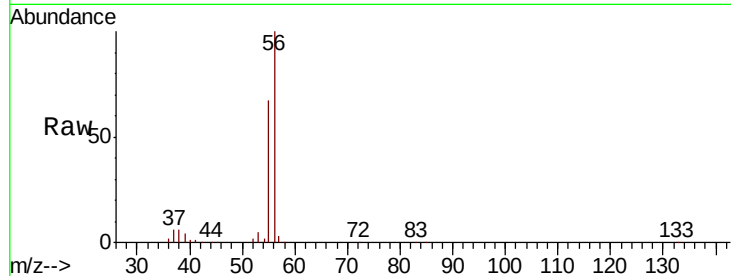
55 68.7 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 173.195 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

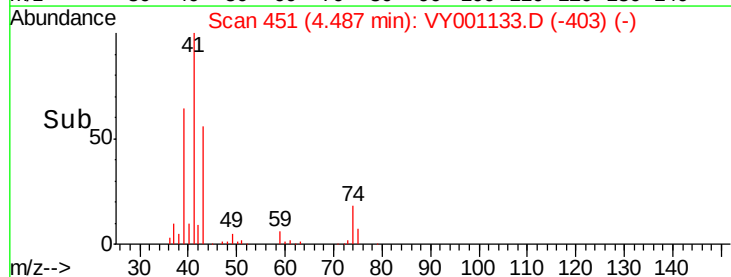
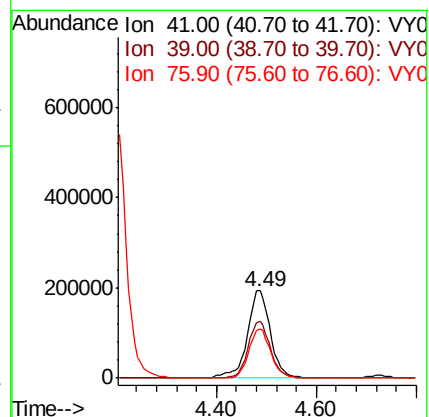
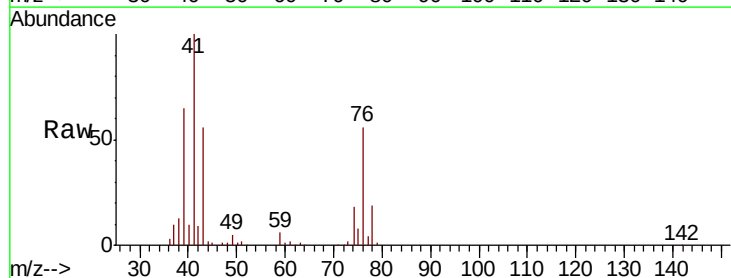
Tgt Ion: 41 Resp: 622474

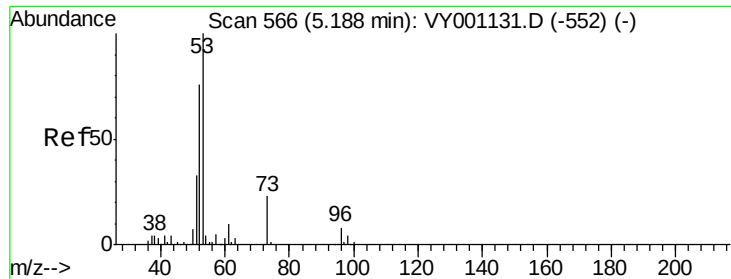
Ion Ratio Lower Upper

41 100

39 62.9 50.1 75.1

76 53.1 42.1 63.1





#15

Acrylonitrile

Concen: 864.814 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.02 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

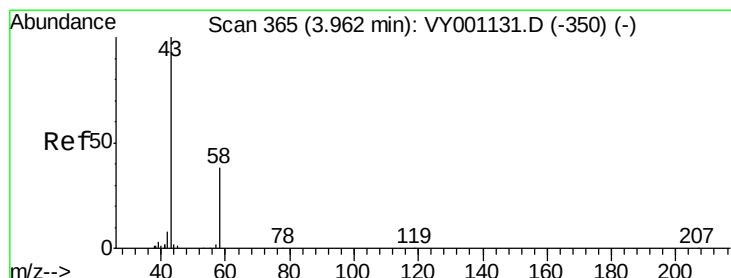
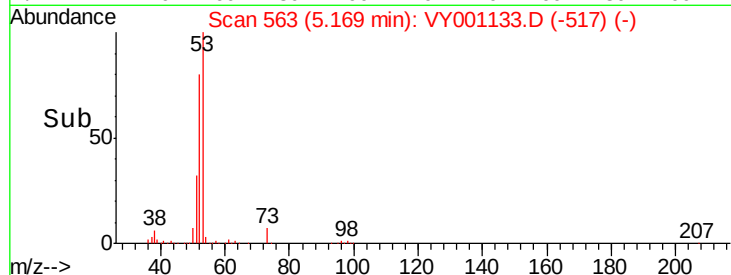
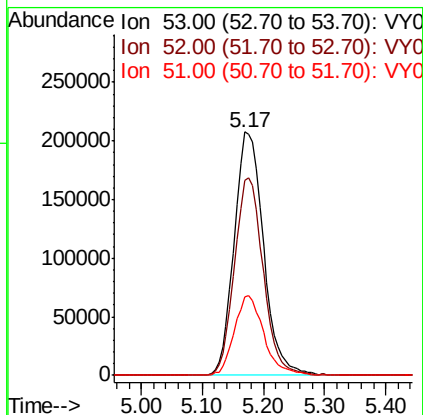
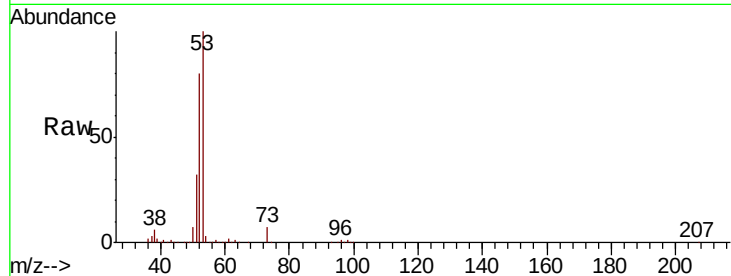
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	689859
Ion Ratio	Lower	Upper	
53	100		
52	79.4	63.0	94.4
51	33.2	26.1	39.1

Manual Integrations
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#16

Acetone

Concen: 834.427 ug/l

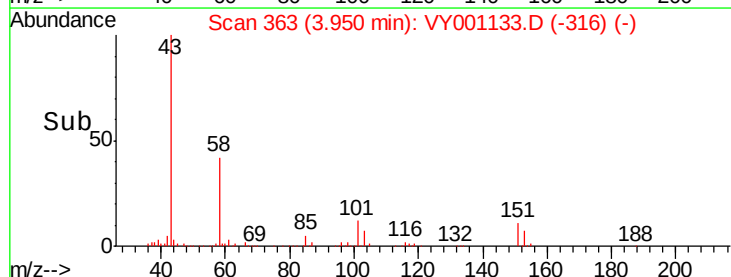
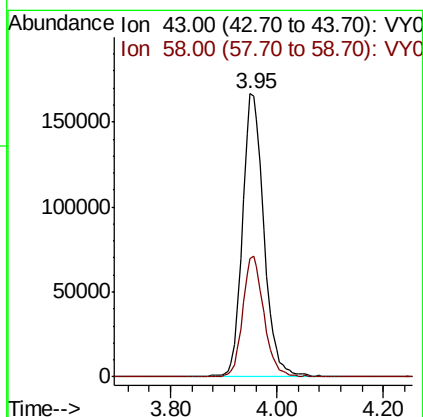
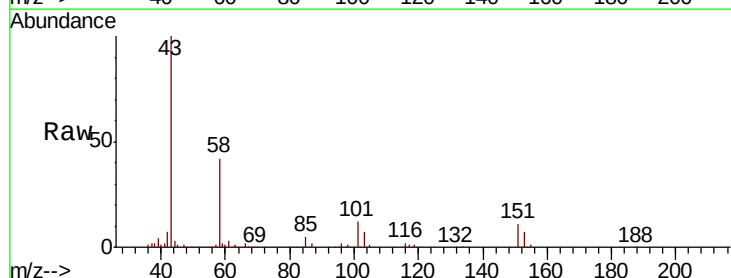
RT: 3.95 min Scan# 363

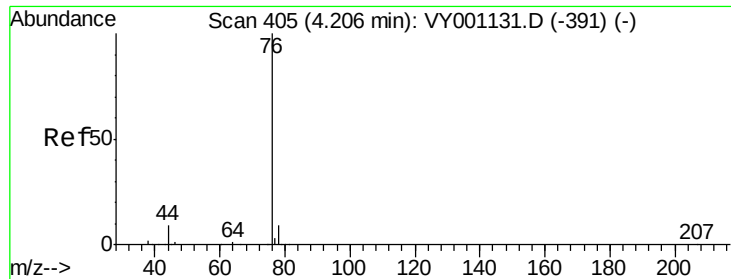
Delta R.T. -0.01 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Tgt Ion:	43	Resp:	463373
Ion Ratio	Lower	Upper	
43	100		
58	41.7	30.6	46.0





#17

Carbon Disulfide

Concen: 182.869 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1779244

Ion Ratio Lower Upper

76 100

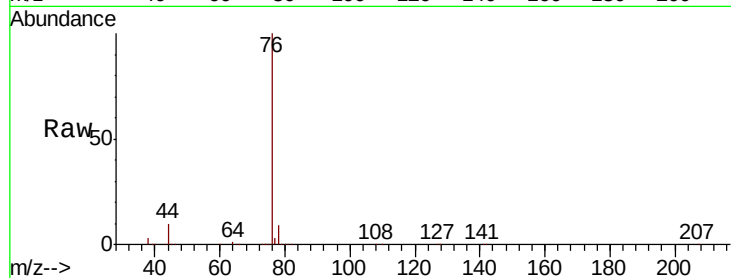
78 8.9 7.4 11.0

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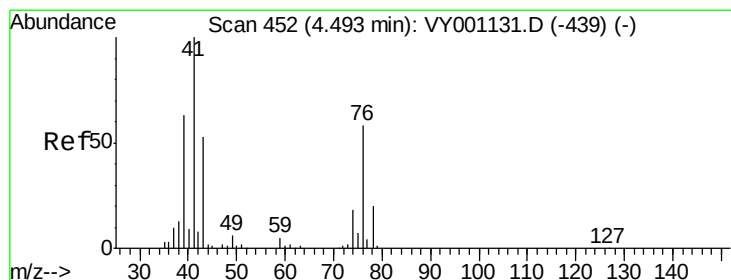
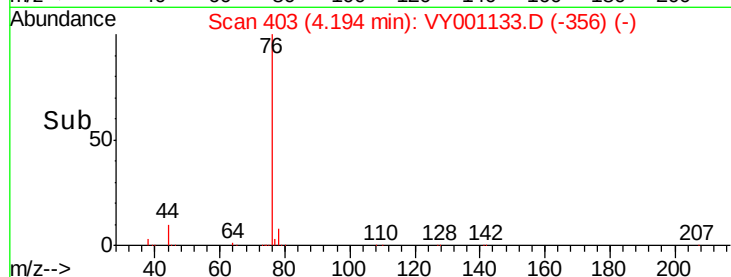
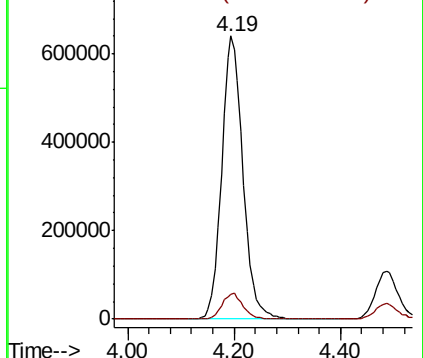
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 179.750 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY001133.D

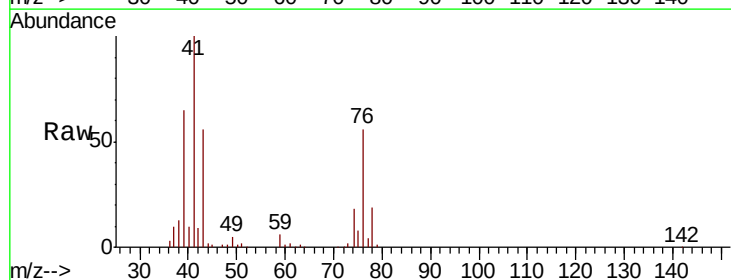
Acq: 02 Jan 2020 12:29

Tgt Ion: 43 Resp: 319644

Ion Ratio Lower Upper

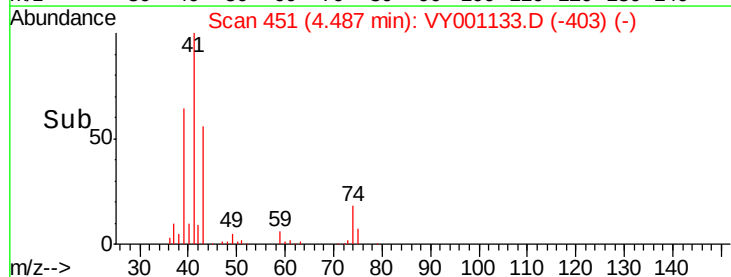
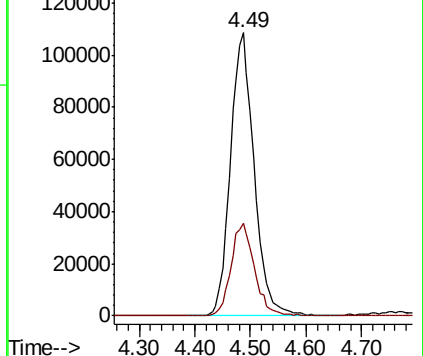
43 100

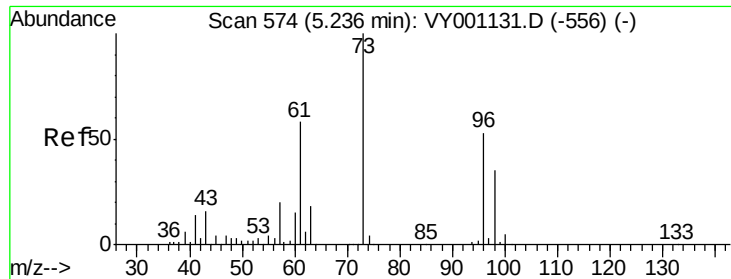
74 32.4 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





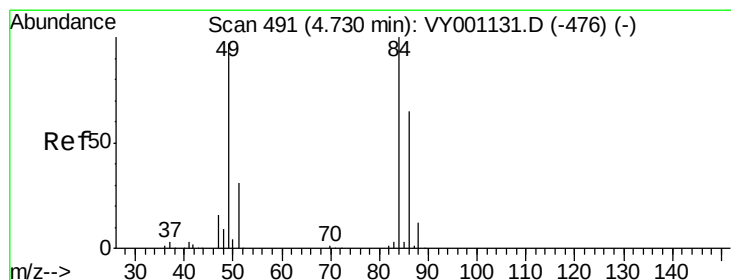
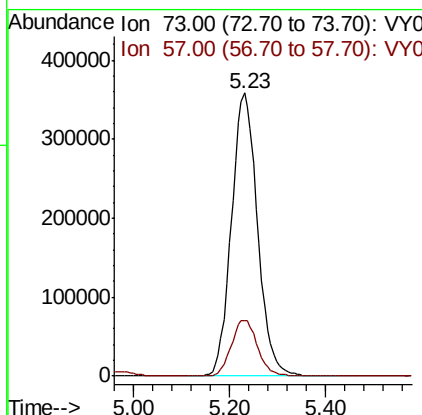
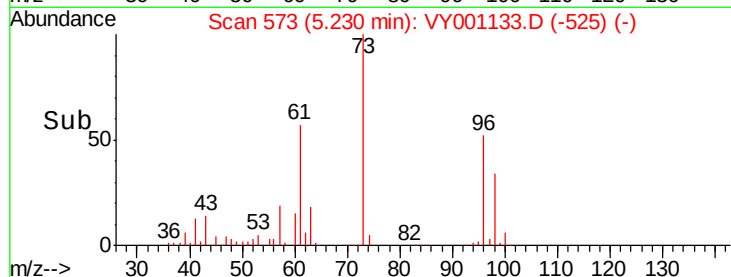
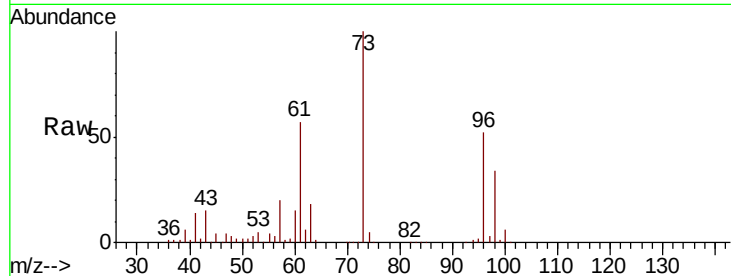
#19
Methyl tert-butyl Ether
Concen: 166.234 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1351195
Ion Ratio Lower Upper
73 100
57 19.6 16.3 24.5

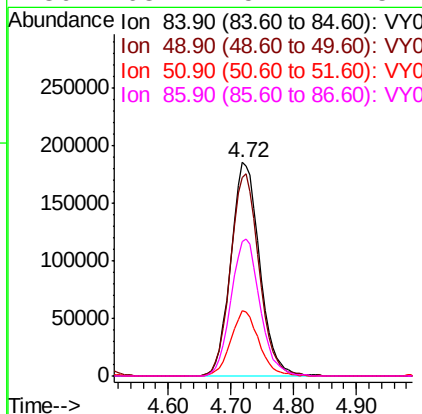
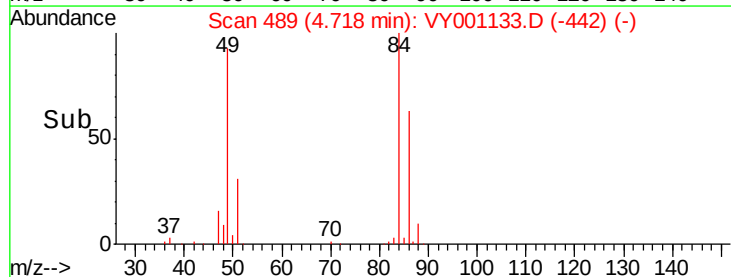
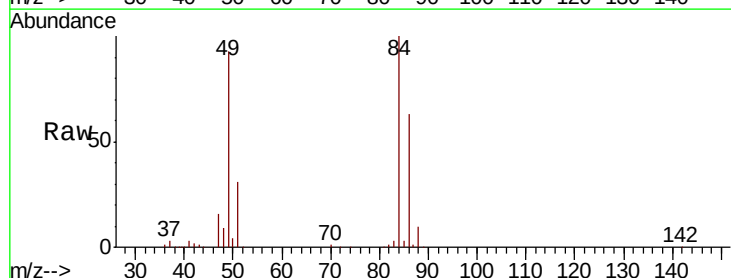
Manual Integrations
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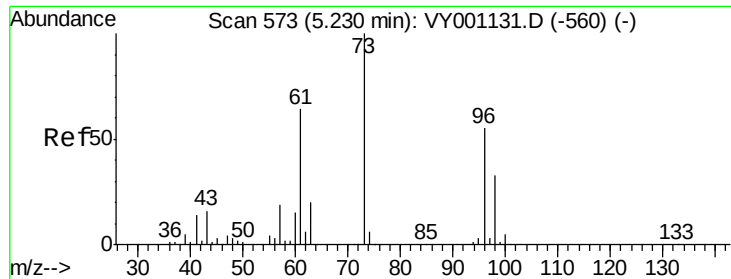
apatel
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#20
Methylene Chloride
Concen: 147.047 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Tgt Ion: 84 Resp: 591446
Ion Ratio Lower Upper
84 100
49 93.1 77.5 116.3
51 30.8 24.7 37.1
86 63.2 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 161.218 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

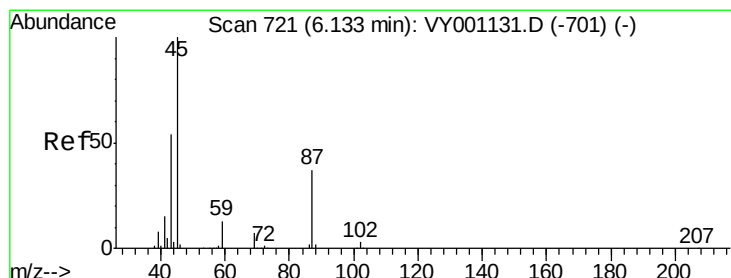
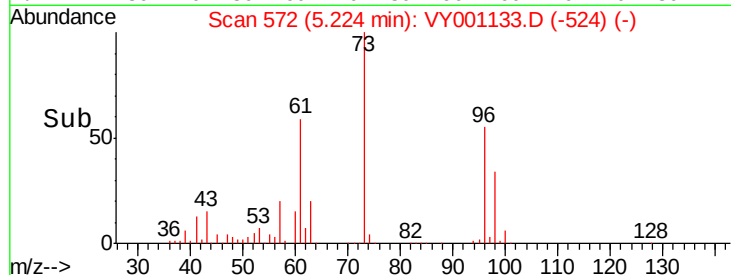
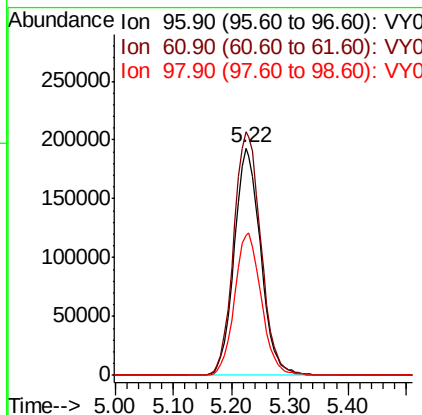
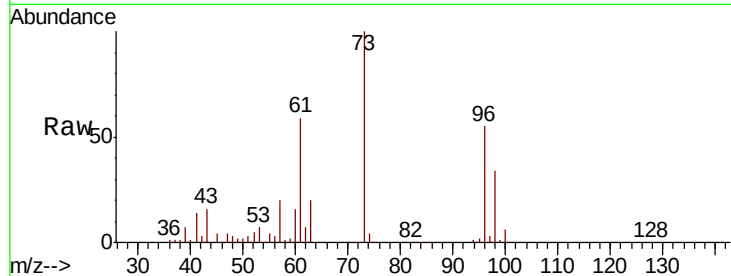
ClientSampled :

VSTDIC150

Tot Ion:	96	Resp:	606918
Ion	Ratio	Lower	Upper
96	100		
61	107.1	93.2	139.8
98	61.7	48.8	73.2

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#22

Diisopropyl ether

Concen: 165.488 ug/l

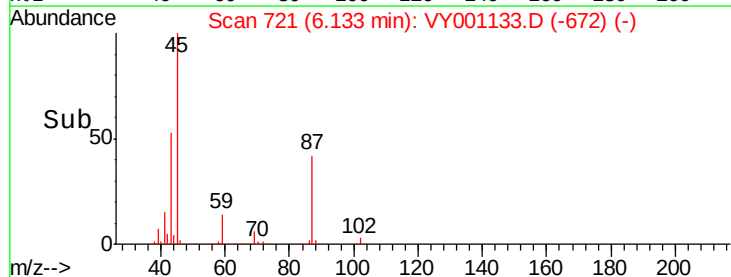
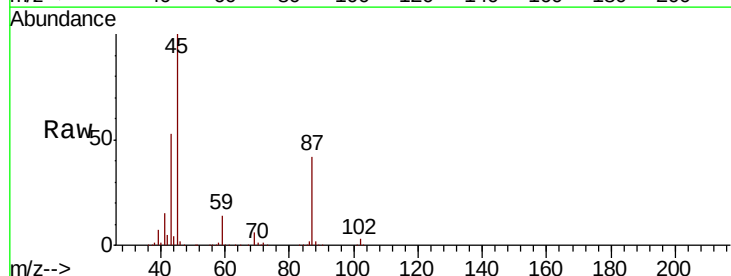
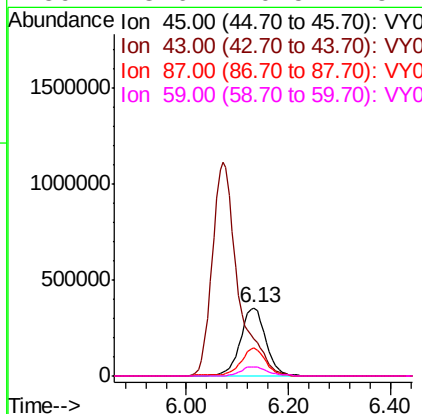
RT: 6.13 min Scan# 721

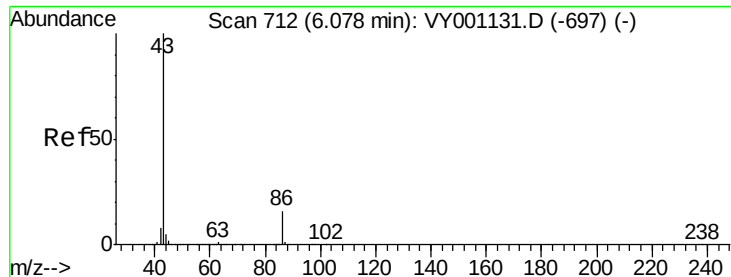
Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Tgt Ion:	45	Resp:	1222429
Ion	Ratio	Lower	Upper
45	100		
43	53.3	43.7	65.5
87	41.5	30.0	45.0
59	13.6	10.5	15.7





#23

Vinyl Acetate

Concen: 840.521 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Tot Ion: 43 Resp: 3884251

Ion Ratio Lower Upper

43 100

86 16.1 12.6 18.8

Instrument :

MSVOA_Y

ClientSampleId :

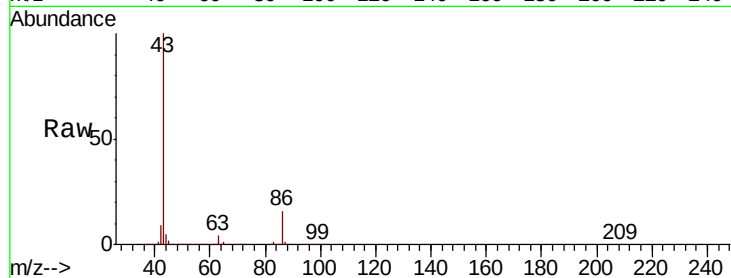
VSTDIC150

Manual Integrations

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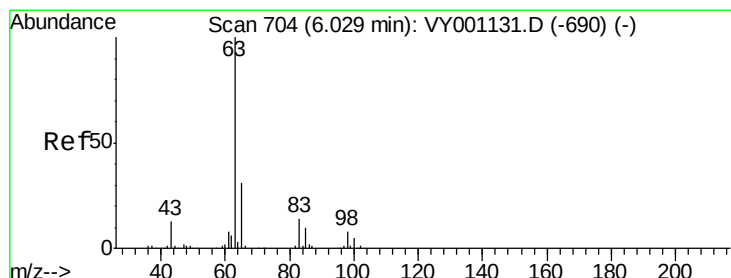
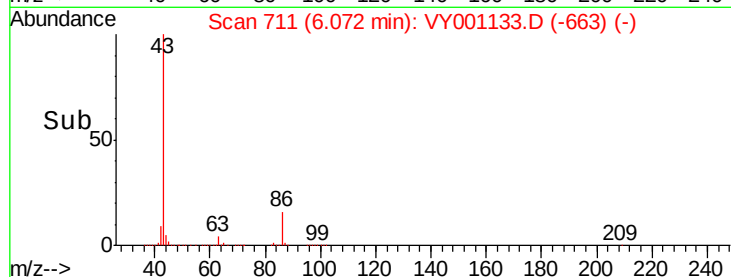
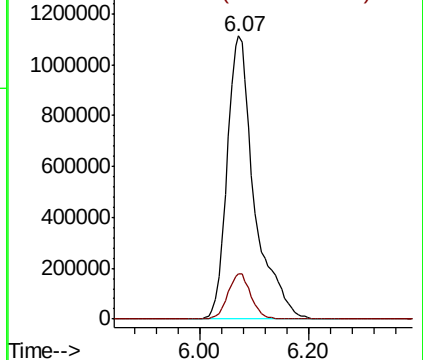
apatel

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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: 168.088 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

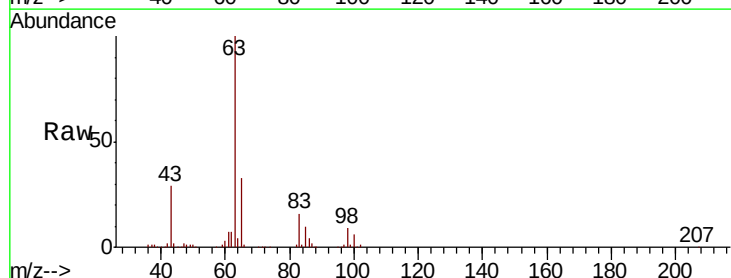
Tgt Ion: 63 Resp: 855854

Ion Ratio Lower Upper

63 100

98 8.9 4.1 12.3

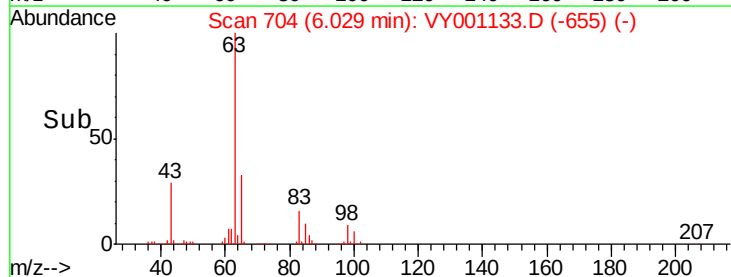
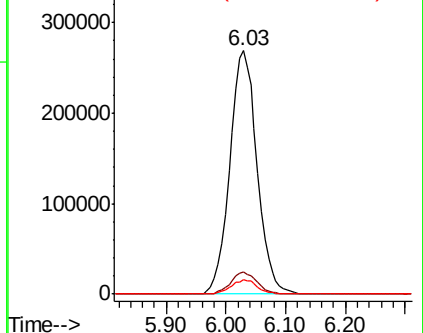
100 6.0 2.5 7.6

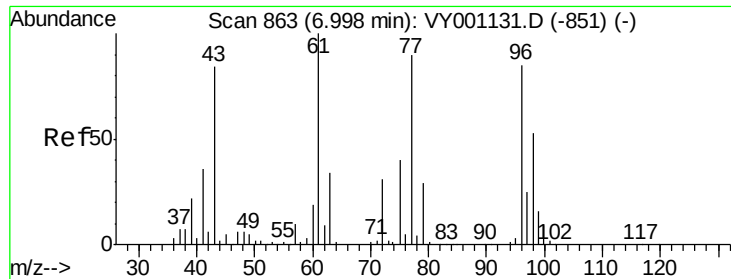


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 732.995 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tot Ion: 43 Resp: 705842

Ion Ratio Lower Upper

43 100

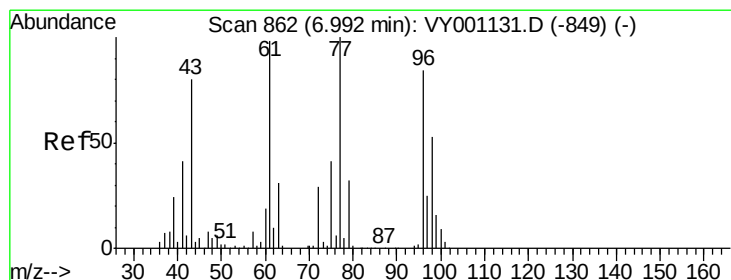
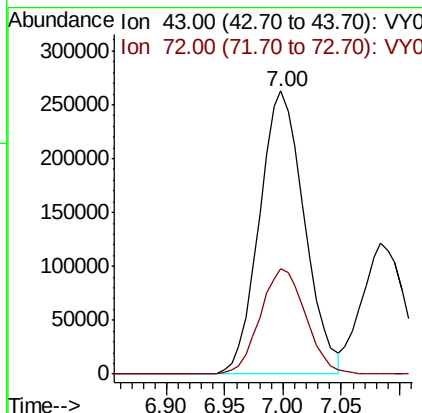
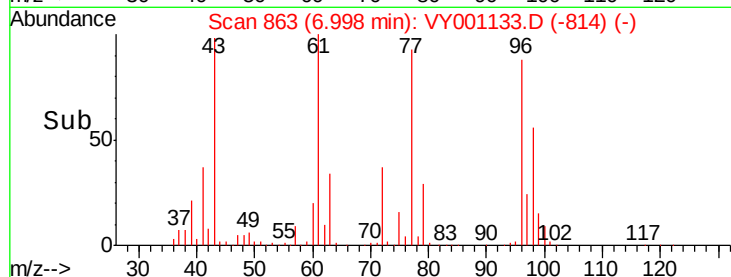
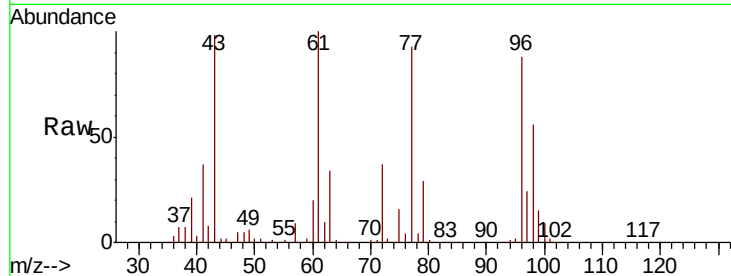
72 37.2 29.5 44.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 140.413 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY001133.D

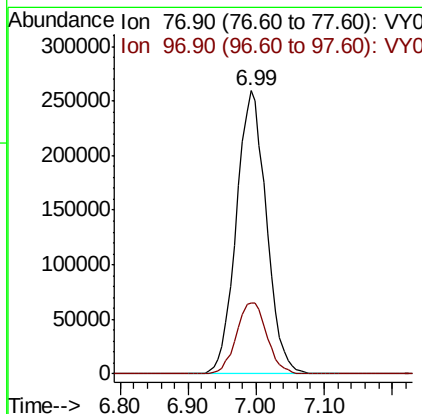
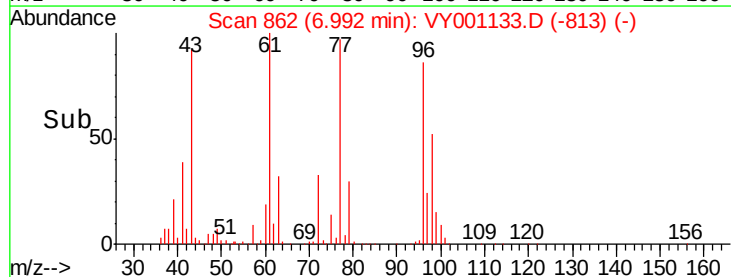
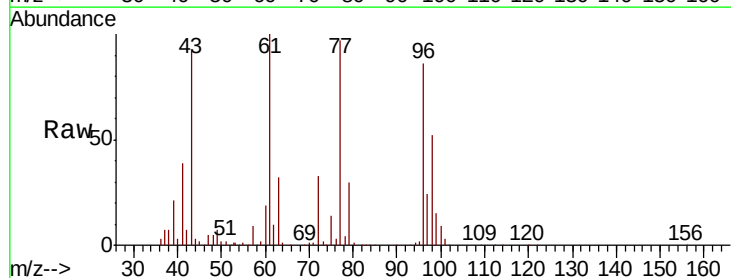
Acq: 02 Jan 2020 12:29

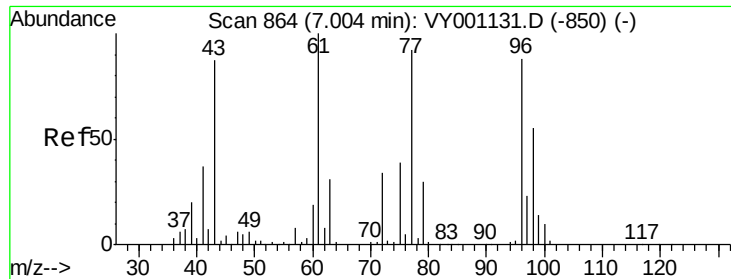
Tgt Ion: 77 Resp: 795316

Ion Ratio Lower Upper

77 100

97 25.5 12.6 37.6





#27

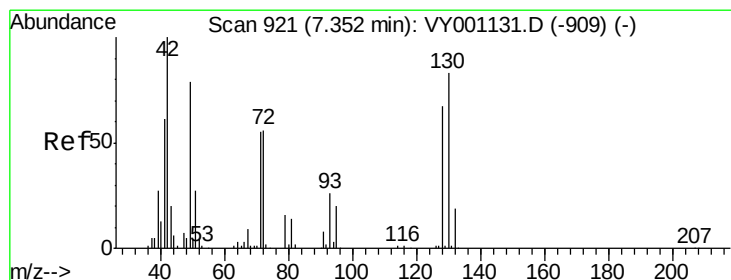
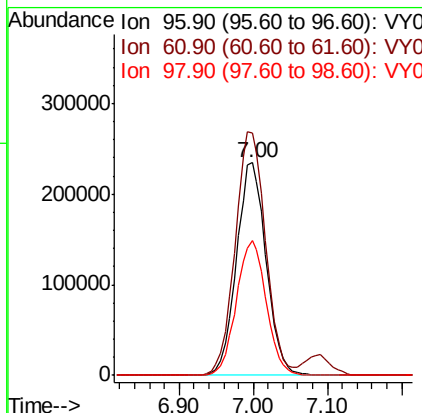
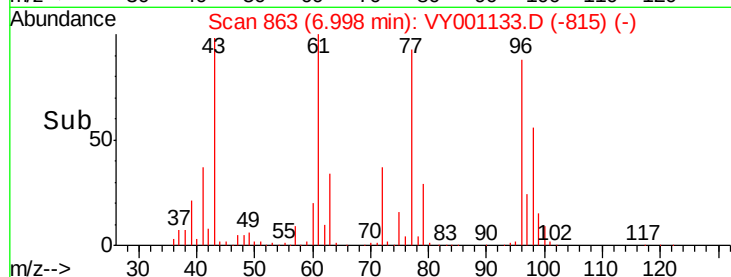
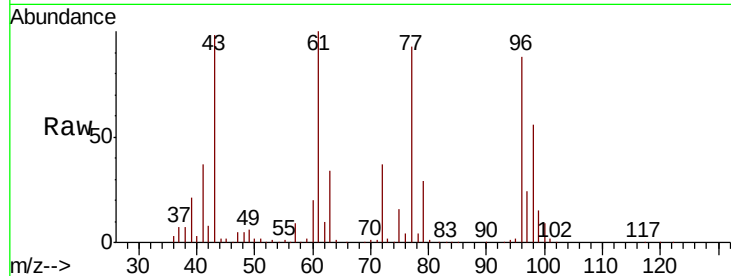
cis-1,2-Dichloroethene
Concen: 145.505 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	654830		
61	117.9	0.0	235.0	
98	64.0	0.0	127.4	

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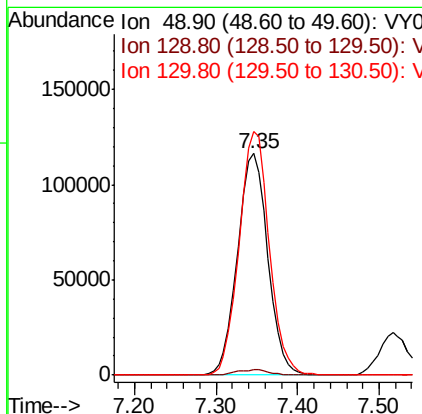
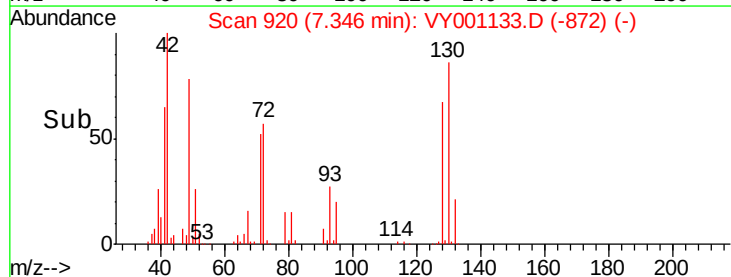
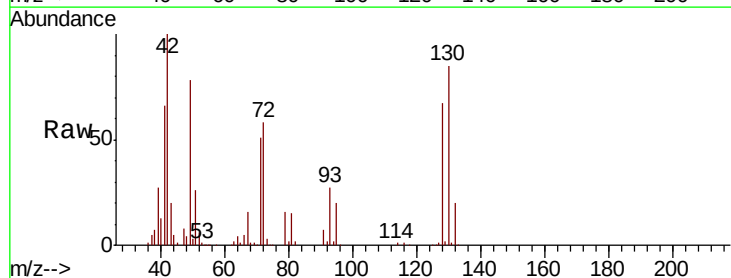
apatel
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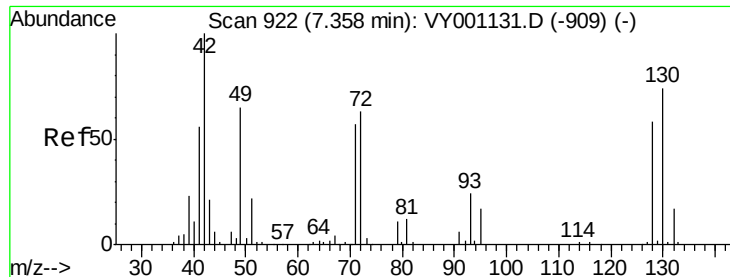


#28

Bromochloromethane
Concen: 154.920 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	299967		
129	2.7	0.0	6.0	
130	109.2	86.9	130.3	





#29

Tetrahydrofuran

Concen: 738.593 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

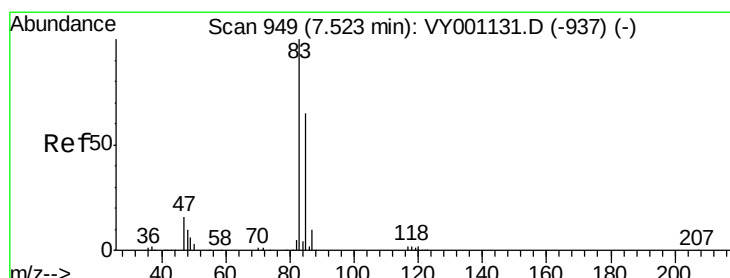
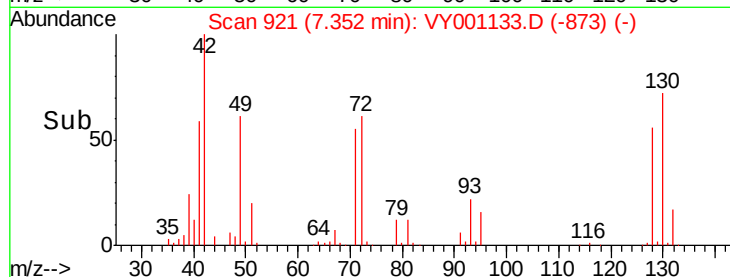
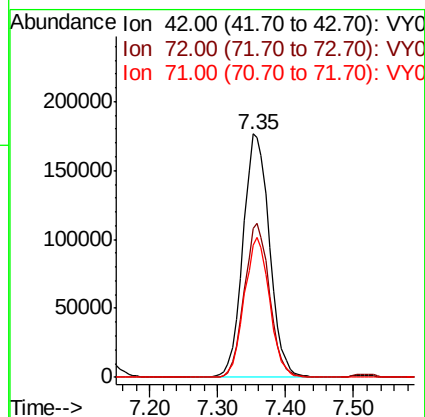
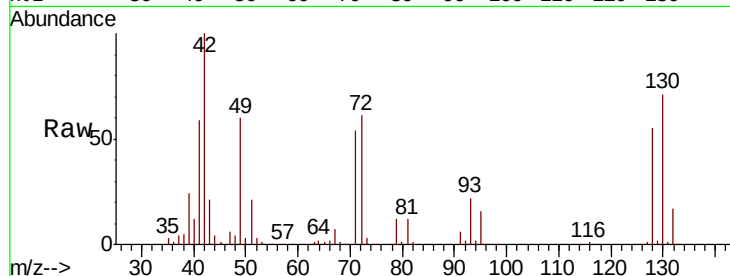
ClientSampleId :

VSTDIC150

Tot Ion:	42	Resp:	477713
Ion	Ratio	Lower	Upper
42	100		
72	60.3	49.0	73.6
71	55.0	45.3	67.9

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#30

Chloroform

Concen: 143.109 ug/l

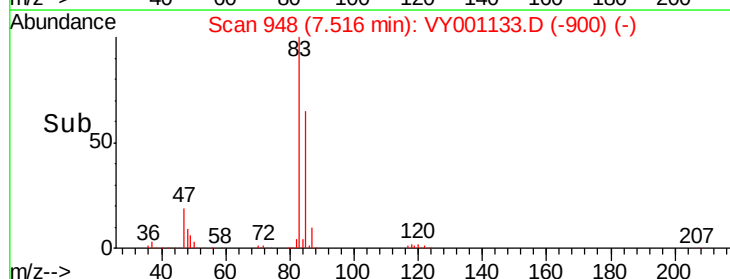
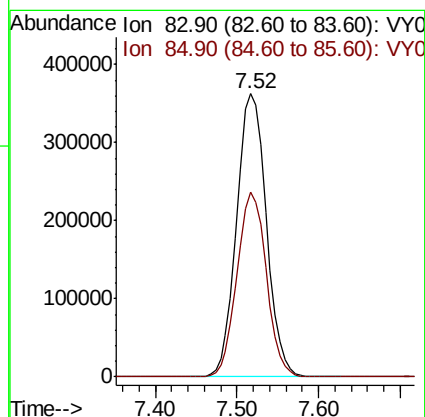
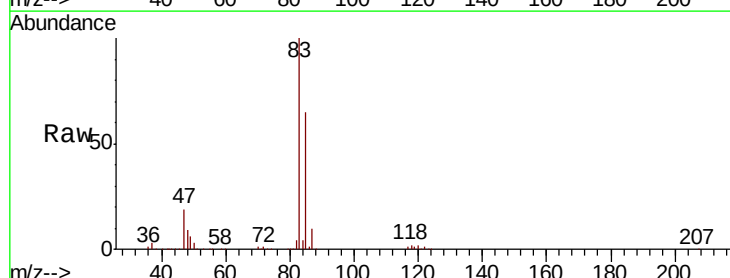
RT: 7.52 min Scan# 948

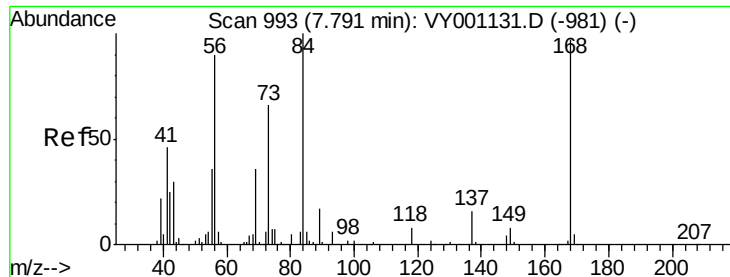
Delta R.T. -0.01 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Tgt Ion:	83	Resp:	914332
Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.0	78.0





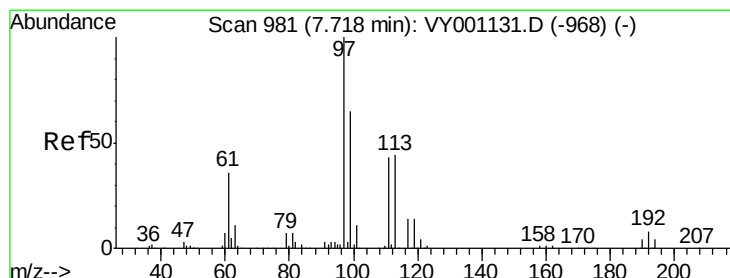
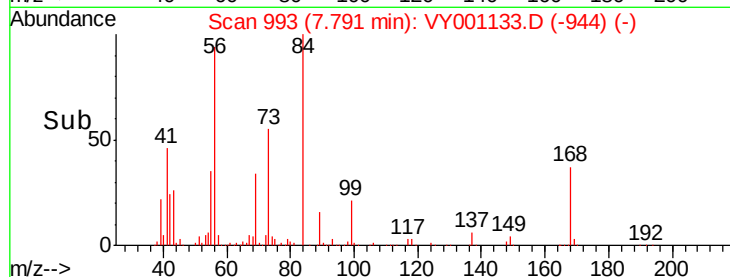
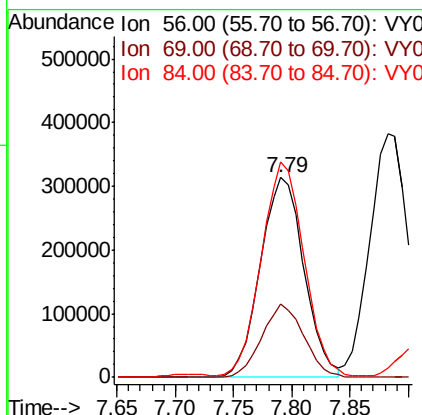
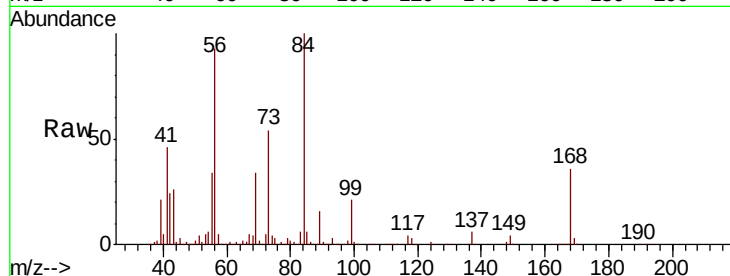
#31
Cyclohexane
Concen: 132.592 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.4	32.0	48.0
84	106.1	89.1	133.7

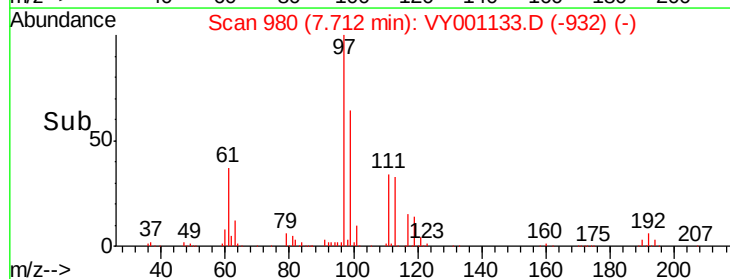
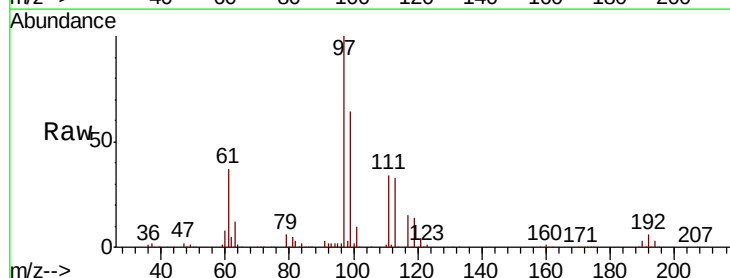
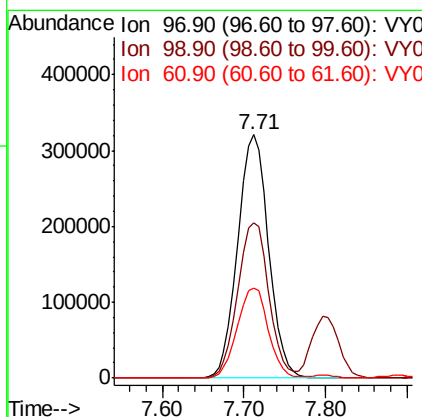
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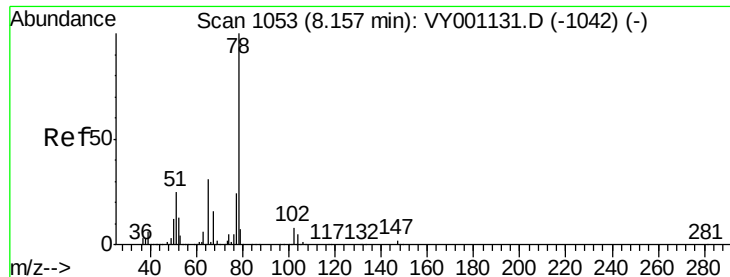
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#32
1,1,1-Trichloroethane
Concen: 140.475 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.01 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.0	76.6
61	37.4	29.2	43.8





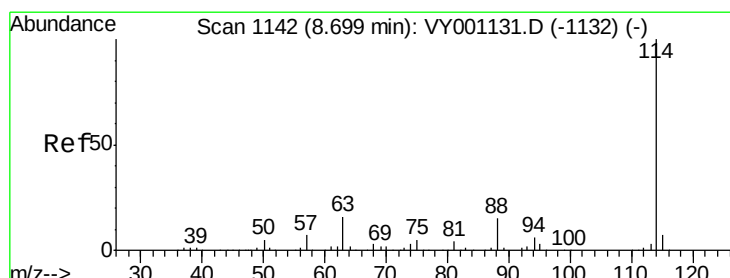
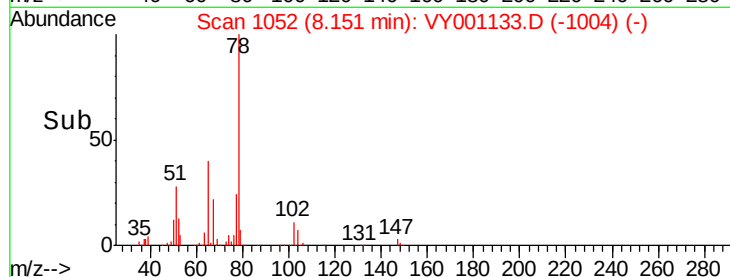
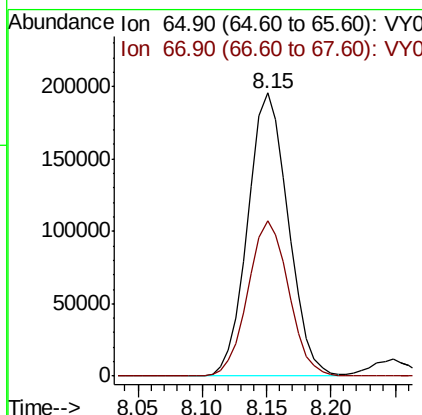
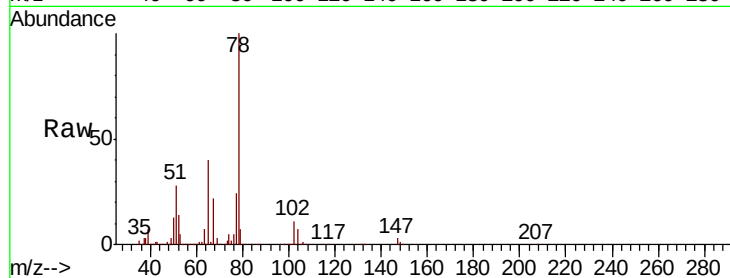
#33
 1,2-Dichloroethane-d4
 Concen: 137.754 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY001133.D
 Acq: 02 Jan 2020 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	110.6

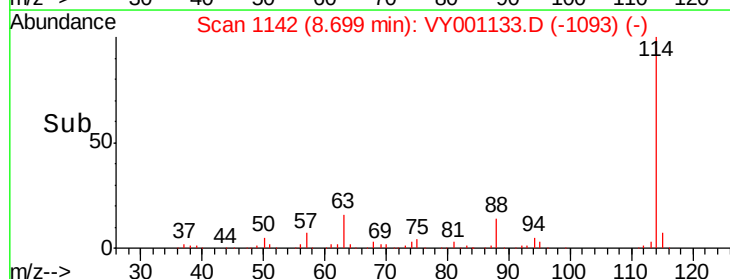
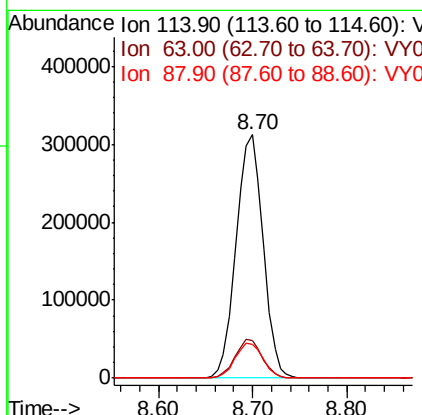
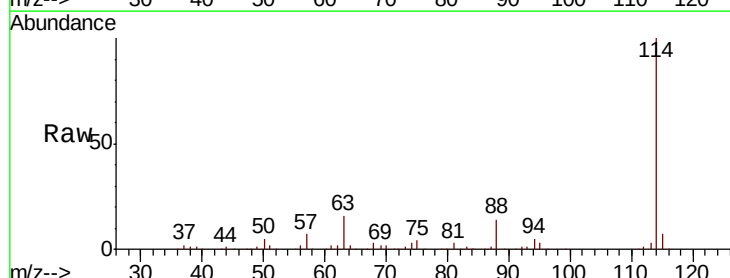
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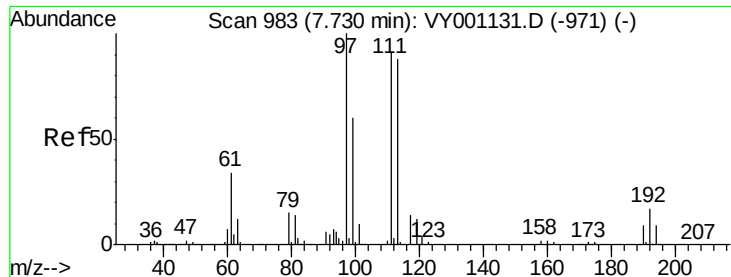
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY001133.D
 Acq: 02 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
114	100		
63	15.5	0.0	33.0
88	13.8	0.0	30.0





#35

Dibromofluoromethane

Concen: 130.267 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

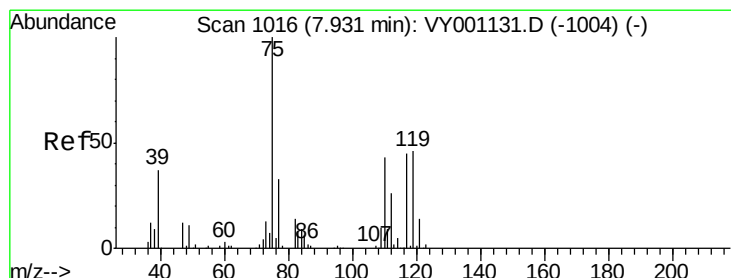
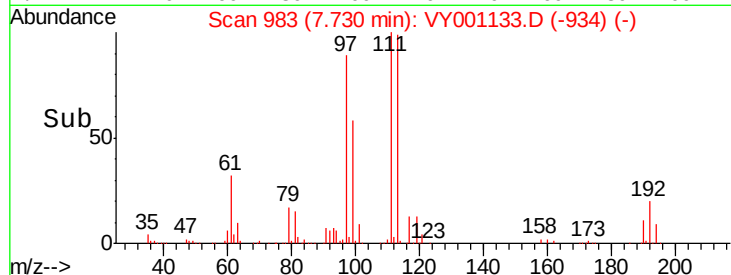
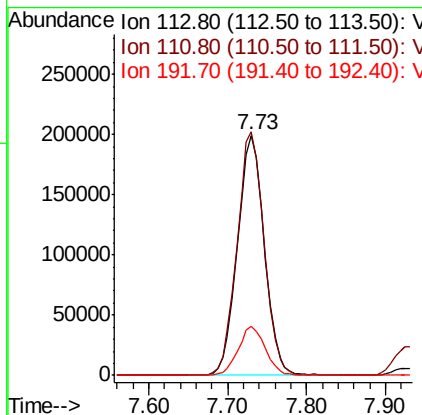
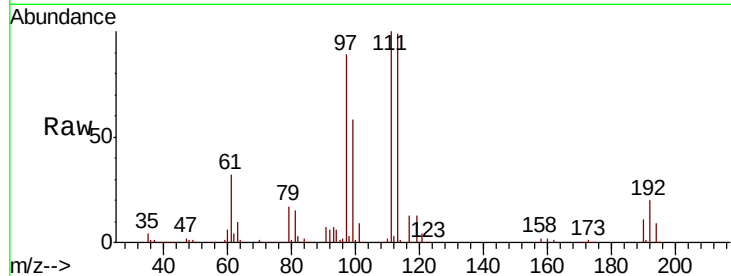
ClientSampleId :

VSTDIC150

Tot Ion:	113	Resp:	470385
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.0	121.4
192	20.6	16.4	24.6

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#36

1,1-Dichloropropene

Concen: 135.862 ug/l

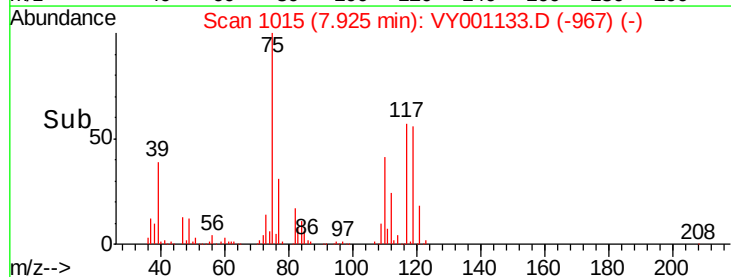
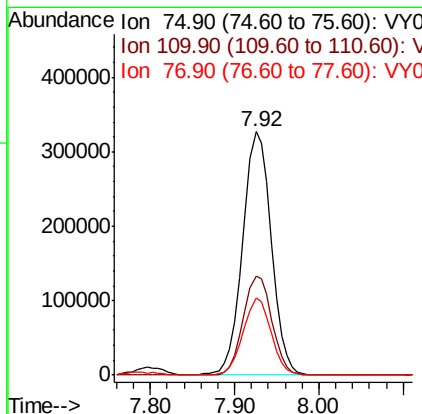
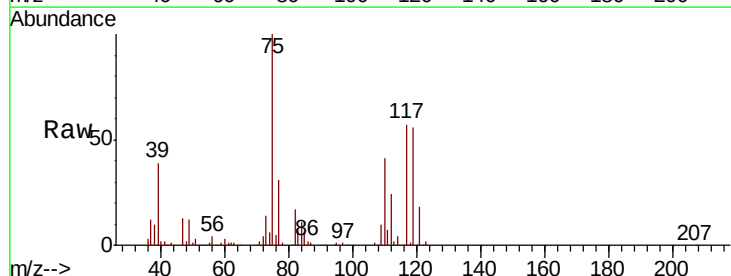
RT: 7.92 min Scan# 1015

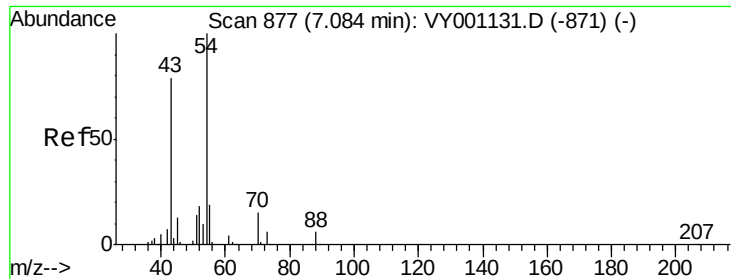
Delta R.T. -0.01 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Tgt Ion:	75	Resp:	747915
Ion Ratio	Lower	Upper	
75	100		
110	40.9	20.6	61.8
77	31.1	25.7	38.5





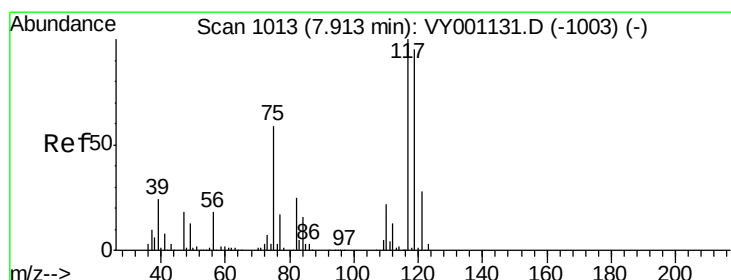
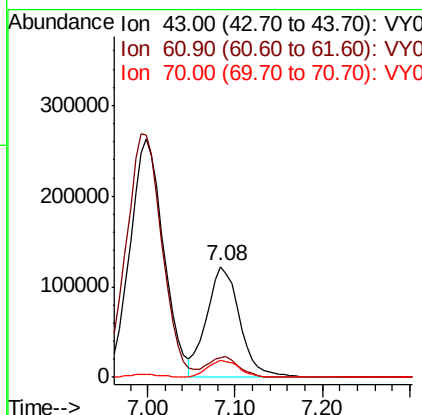
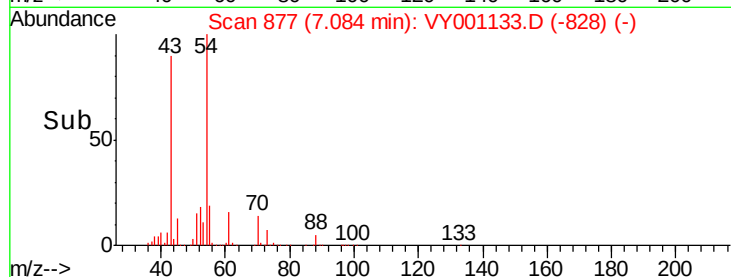
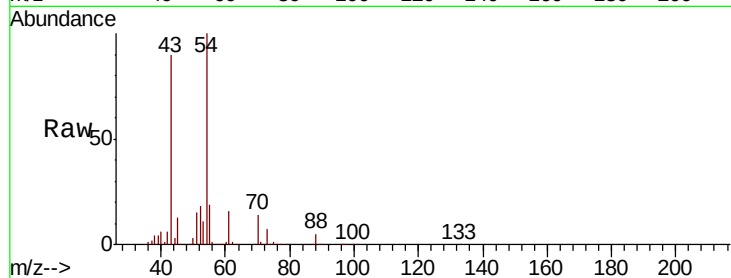
#37
Ethyl Acetate
Concen: 141.082 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.3	14.4	21.6
70	15.3	11.5	17.3

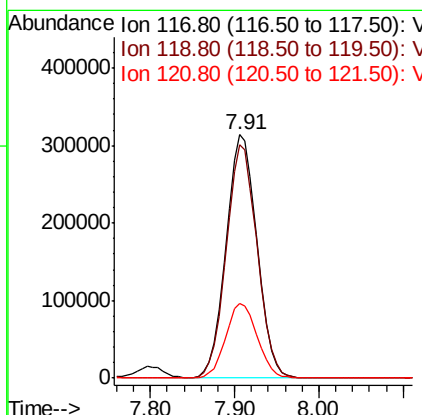
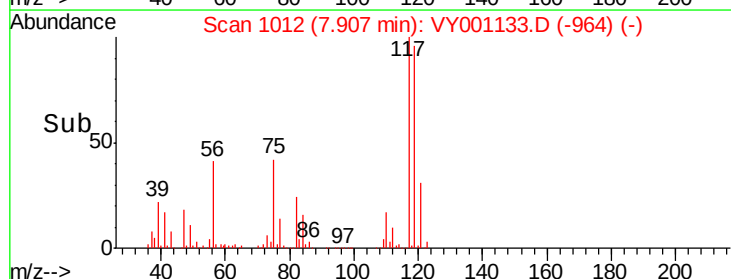
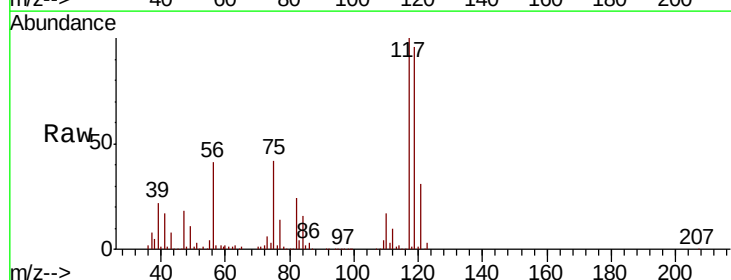
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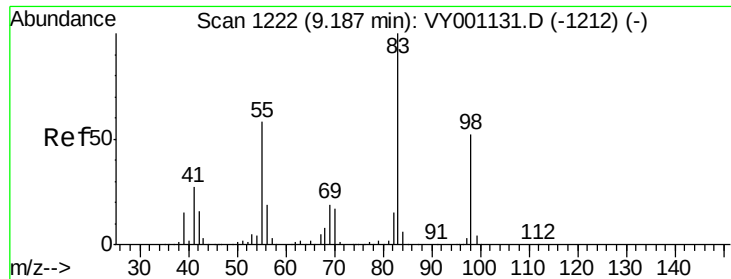
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#38
Carbon Tetrachloride
Concen: 136.680 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.6
121	30.8	22.5	33.7





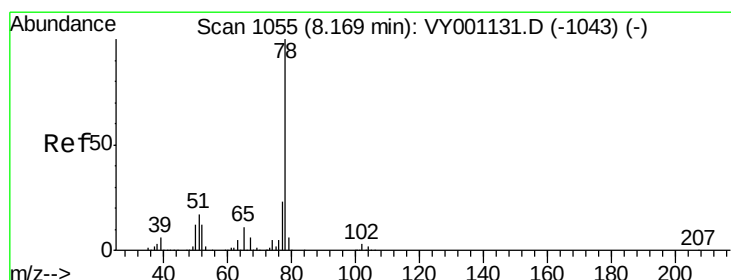
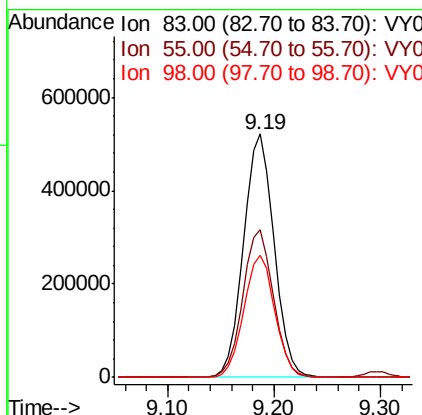
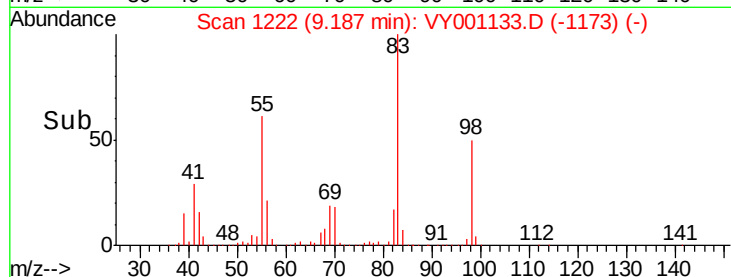
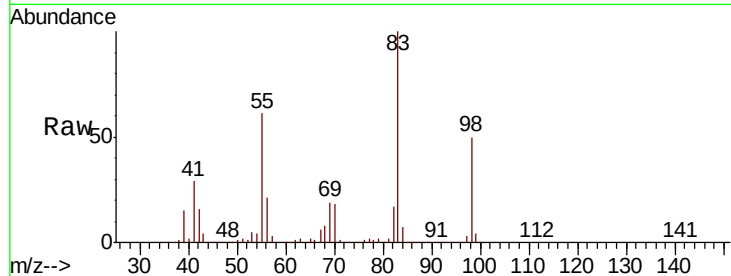
#39
Methylvlcyclohexane
Concen: 138.098 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 1050623
Ion Ratio Lower Upper
83 100
55 60.9 46.4 69.6
98 50.0 41.5 62.3

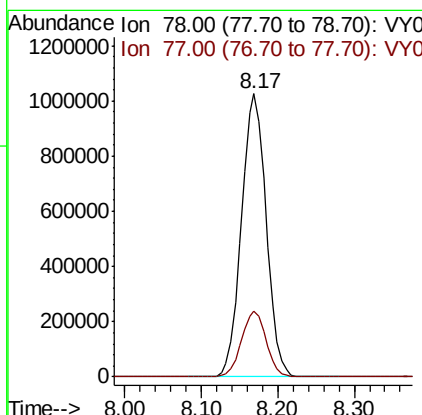
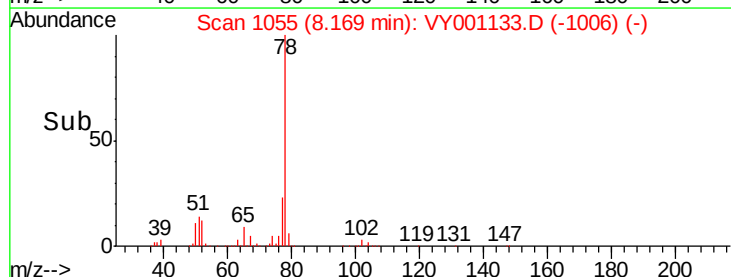
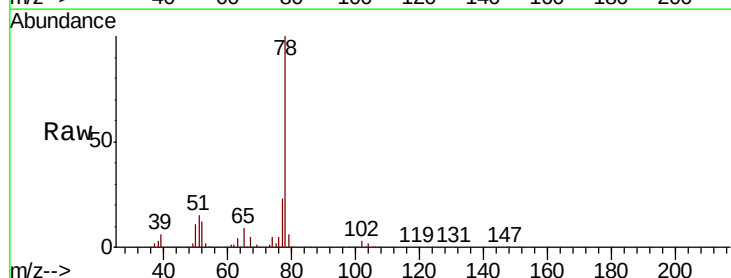
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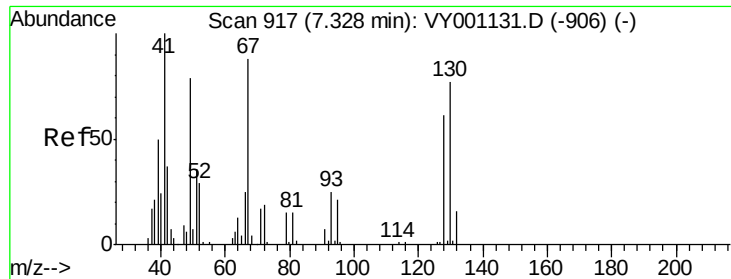
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#40
Benzene
Concen: 135.200 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Tgt Ion: 78 Resp: 2293163
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2





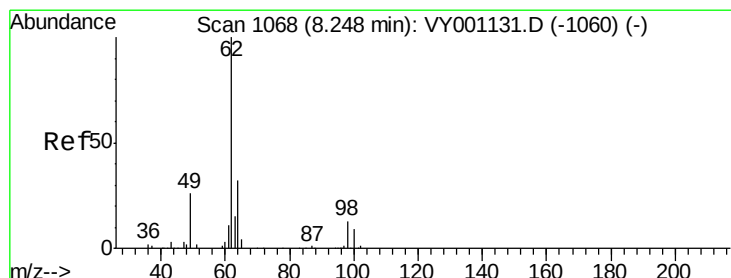
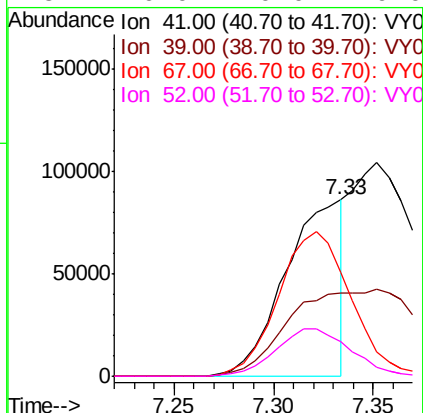
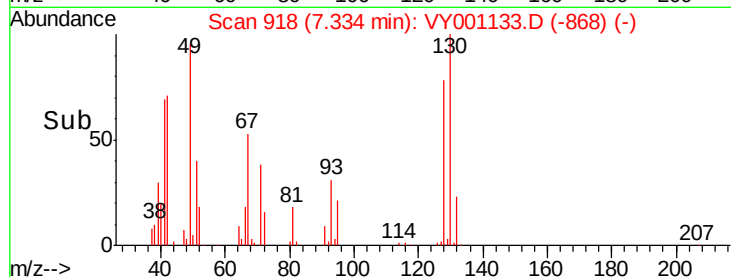
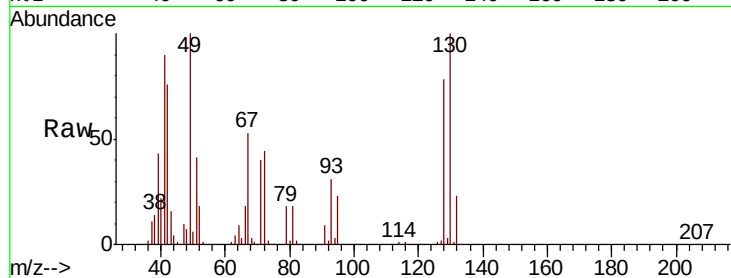
#41
Methacrylonitrile
Concen: 67.598 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.01 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tot Ion	41	Resp	174902
Ion Ratio	Lower	Upper	
41	100		
39	108.2	122.9	184.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

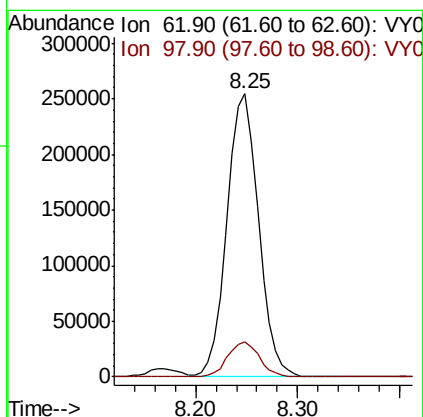
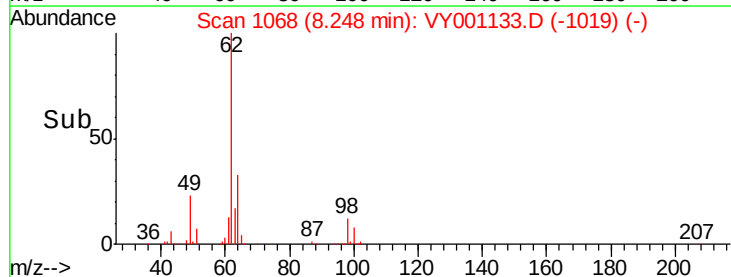
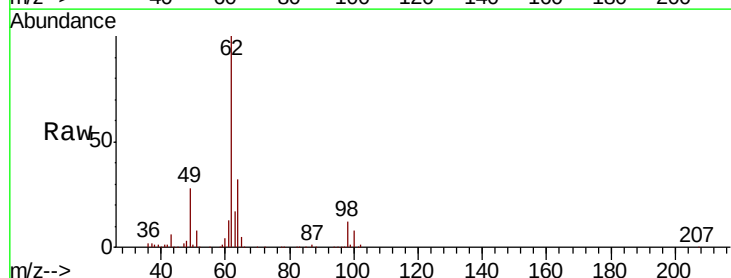
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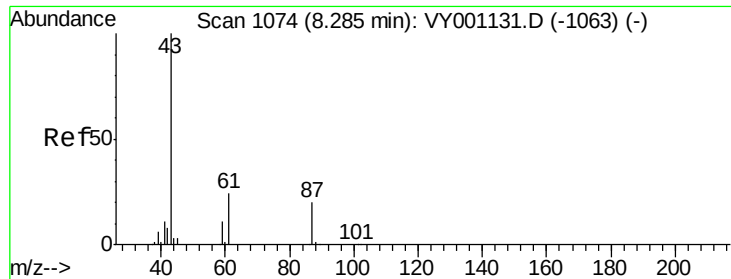
apatel
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#42
1,2-Dichloroethane
Concen: 135.576 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Tgt Ion	62	Resp	547052
Ion Ratio	Lower	Upper	
62	100		
98	12.5	0.0	24.4





#43

Isopropyl Acetate

Concen: 141.578 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

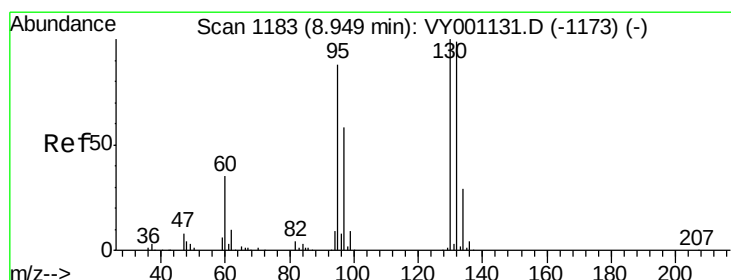
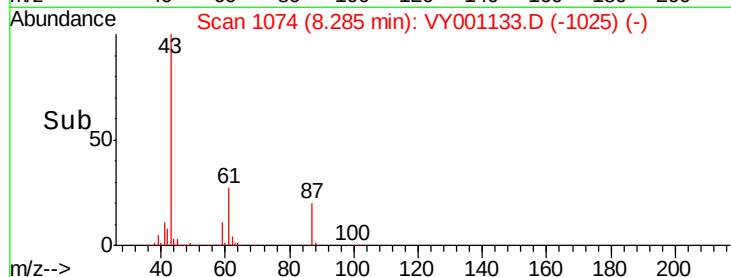
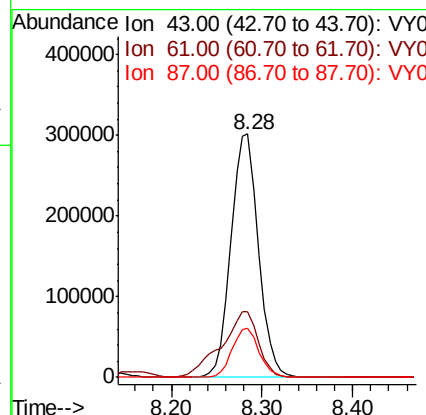
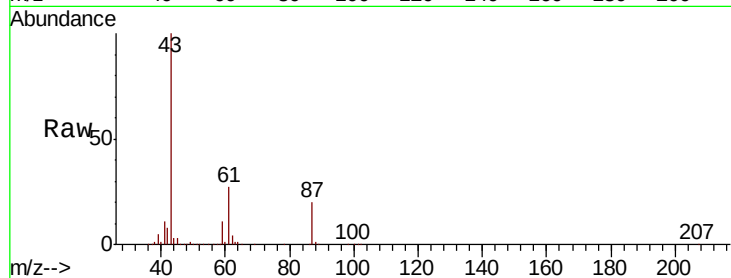
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	632905
Ion	Ratio	Lower	Upper
43	100		
61	36.4	29.1	43.7
87	19.8	15.4	23.2

Manual Integrations
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#44

Trichloroethene

Concen: 132.391 ug/l

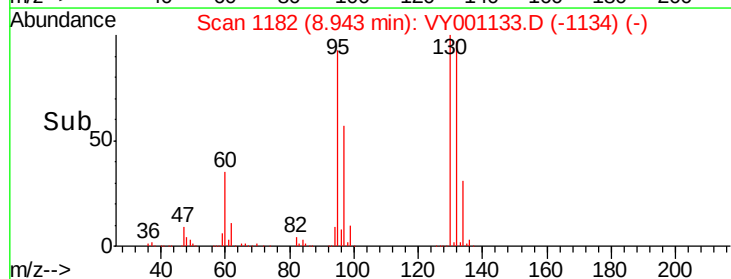
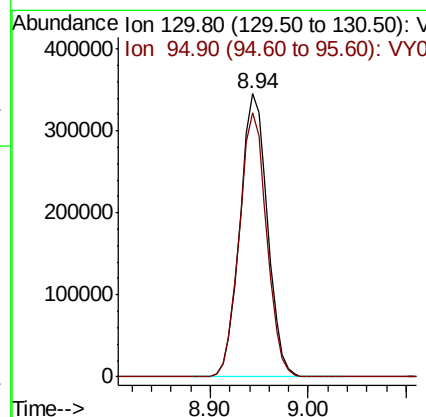
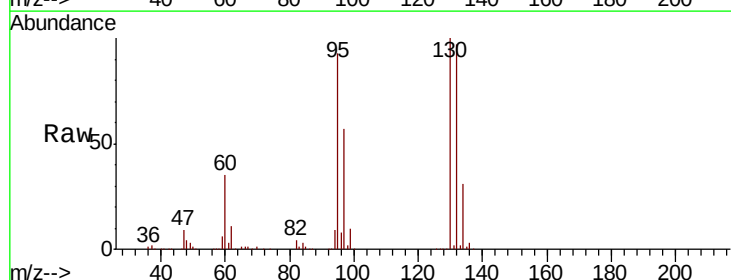
RT: 8.94 min Scan# 1182

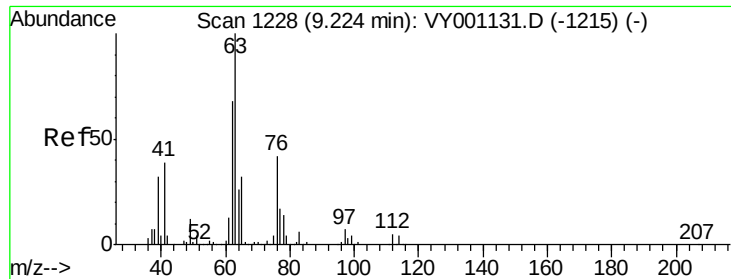
Delta R.T. -0.01 min

Lab File: VY001133.D

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Tgt Ion:	130	Resp:	674004
Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	176.8





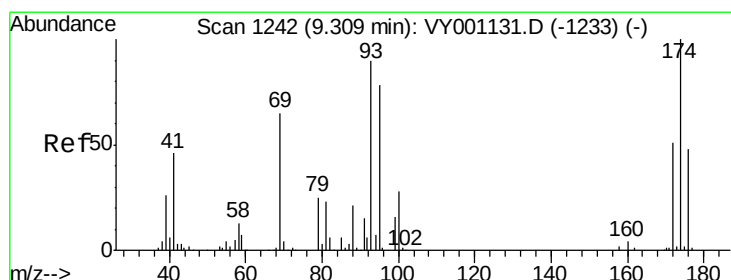
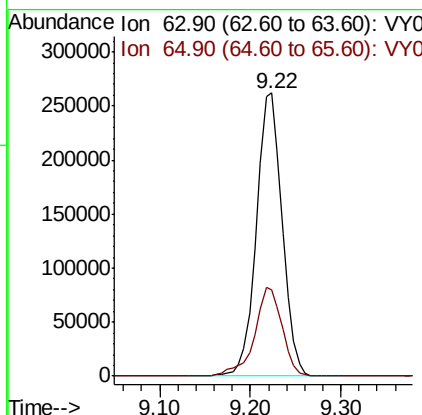
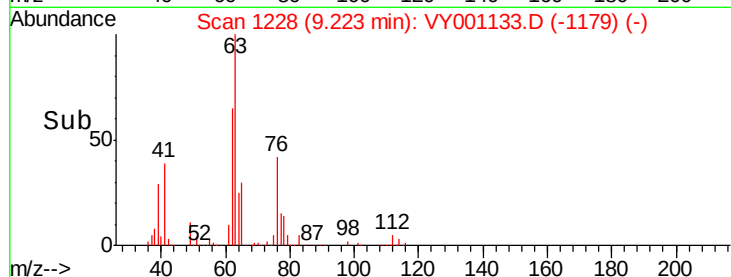
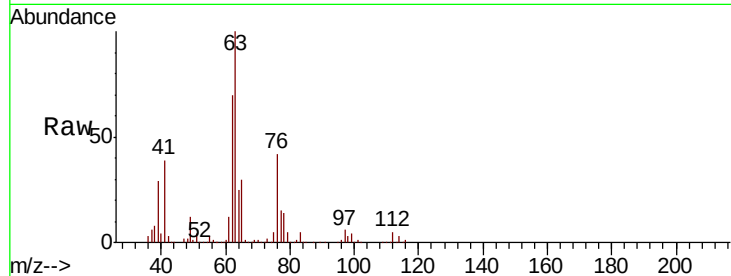
#45
 1,2-Dichloropropane
 Concen: 136.594 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY001133.D
 Acq: 02 Jan 2020 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion: 63 Resp: 513761
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.6 38.4

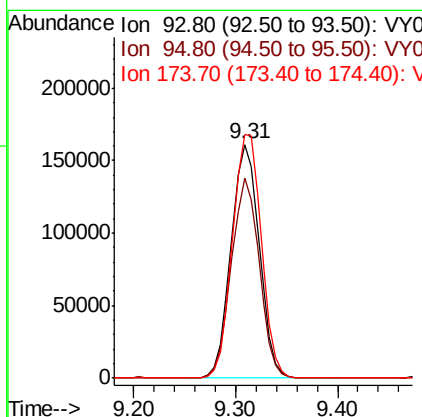
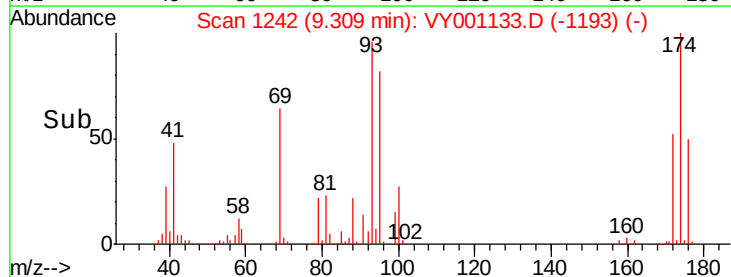
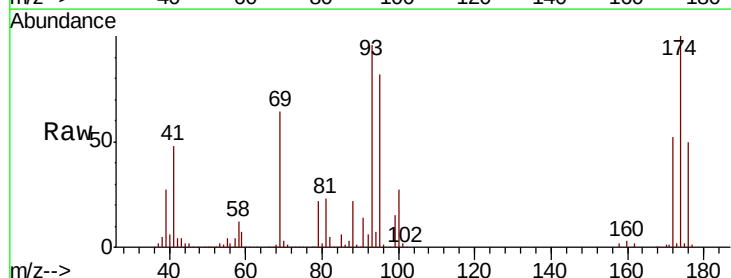
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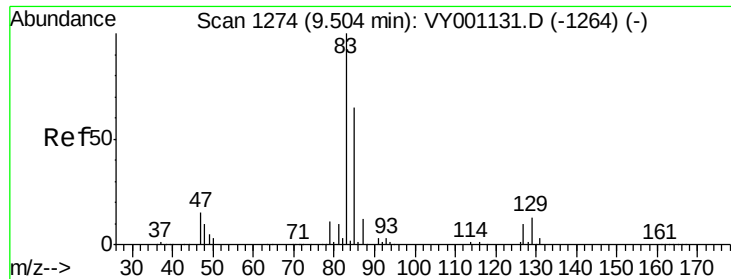
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#46
 Dibromomethane
 Concen: 139.438 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY001133.D
 Acq: 02 Jan 2020 12:29

Tgt Ion: 93 Resp: 307920
 Ion Ratio Lower Upper
 93 100
 95 84.9 68.7 103.1
 174 106.9 88.0 132.0





#47

Bromodichloromethane

Concen: 146.402 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

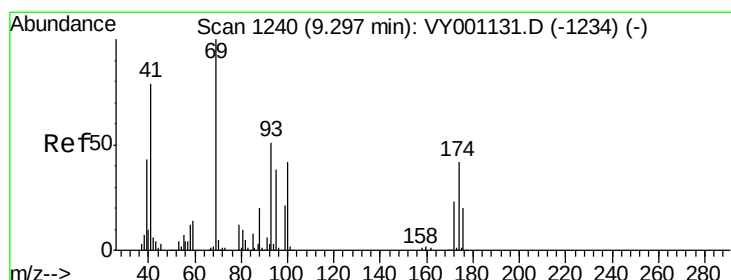
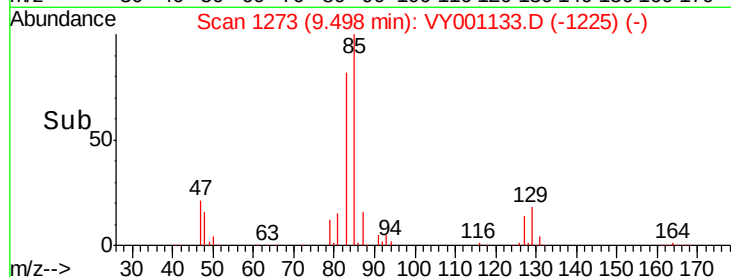
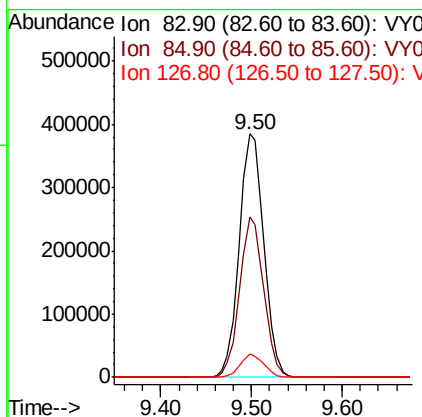
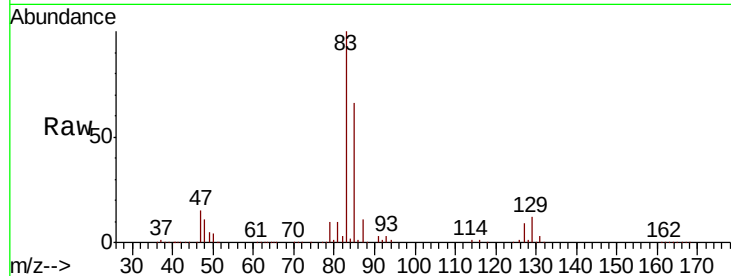
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	721740
Ion Ratio	Lower	Upper	
83	100		
85	66.0	51.7	77.5
127	9.4	7.6	11.4

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#48

Methyl methacrylate

Concen: 141.622 ug/l

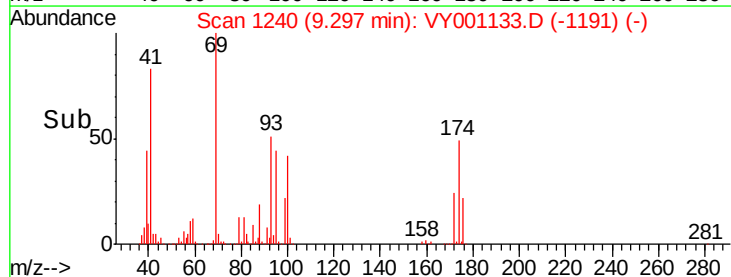
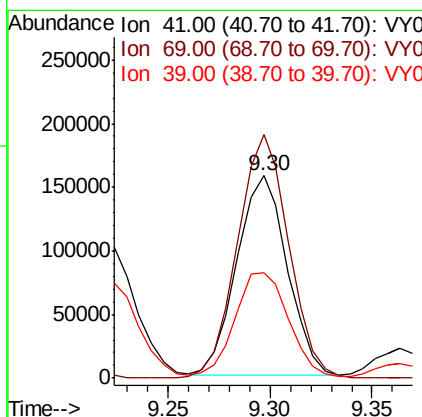
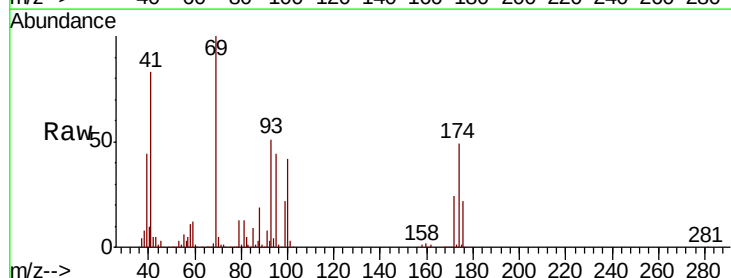
RT: 9.30 min Scan# 1240

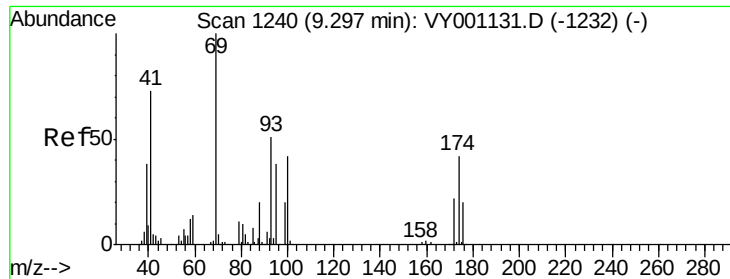
Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Tgt Ion:	41	Resp:	269687
Ion Ratio	Lower	Upper	
41	100		
69	123.7	100.3	150.5
39	57.0	47.6	71.4





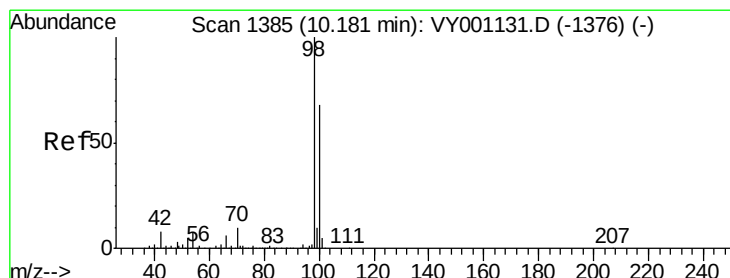
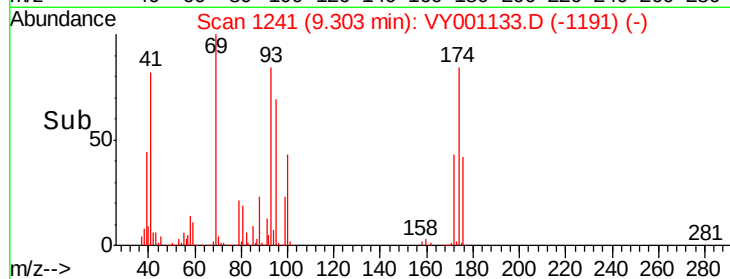
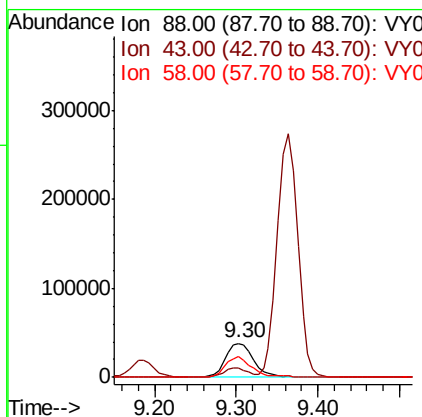
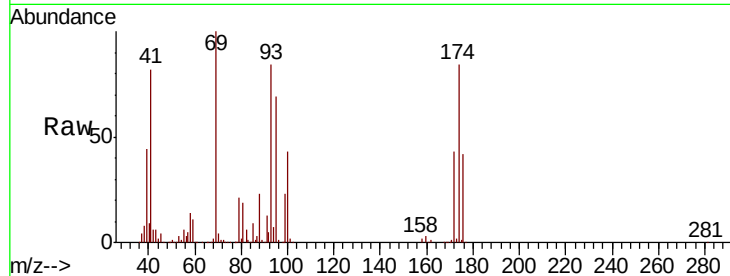
#49
 1,4-Dioxane
 Concen: 2703.103 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: VY001133.D
 Acq: 02 Jan 2020 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	88	Resp	90218
Ion Ratio	Lower	Upper	
88	100		
43	23.8	19.0	28.4
58	59.1	48.2	72.4

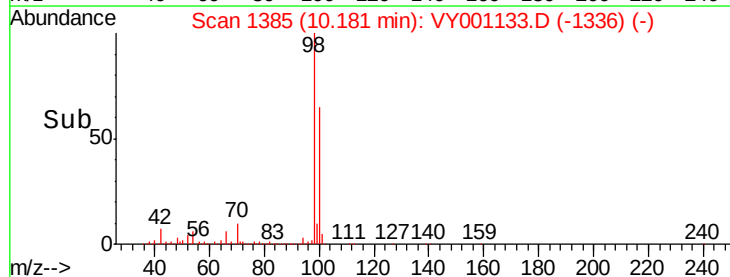
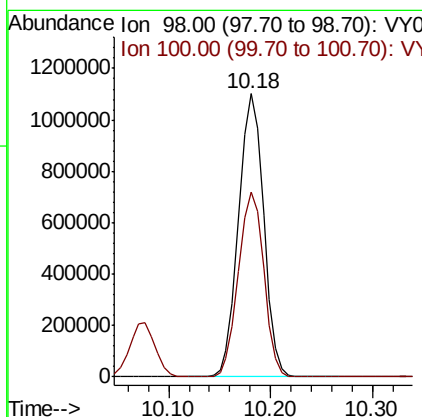
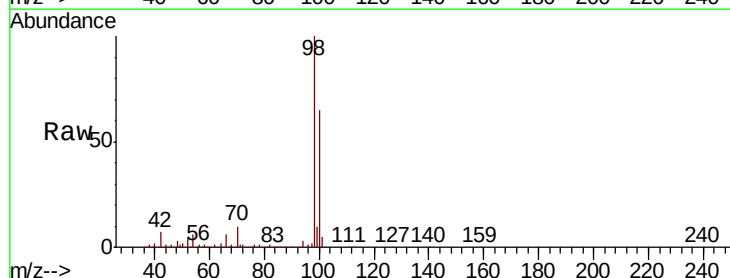
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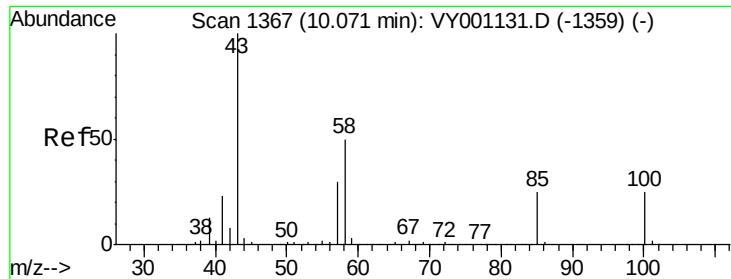
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#50
 Toluene-d8
 Concen: 144.484 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY001133.D
 Acq: 02 Jan 2020 12:29

Tgt Ion	98	Resp	1877109
Ion Ratio	Lower	Upper	
98	100		
100	66.3	53.2	79.8





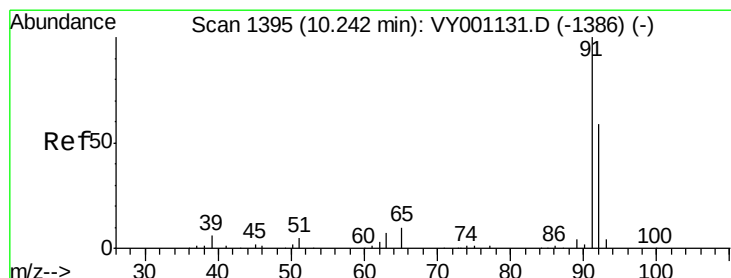
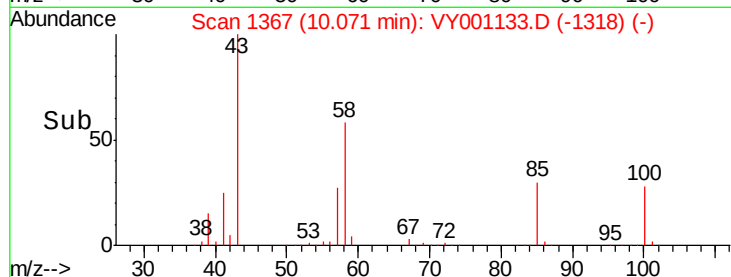
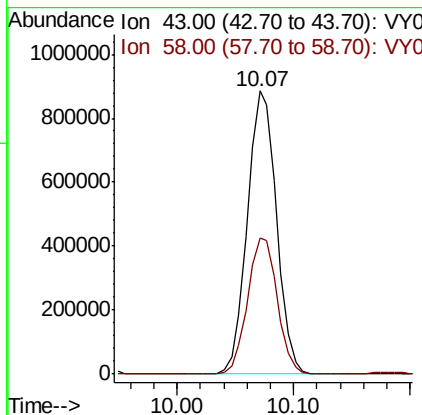
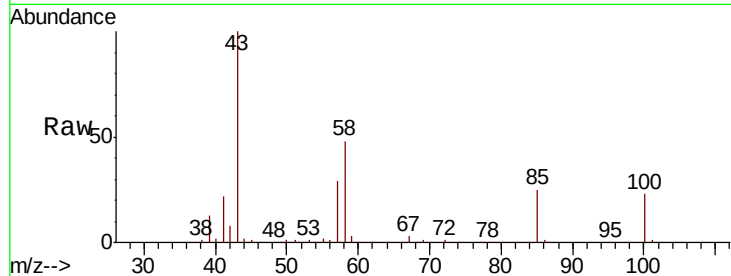
#51
4-Methyl-2-Pentanone
Concen: 737.154 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC150

Tot Ion: 43 Resp: 1543908
Ion Ratio Lower Upper
43 100
58 49.2 39.1 58.7

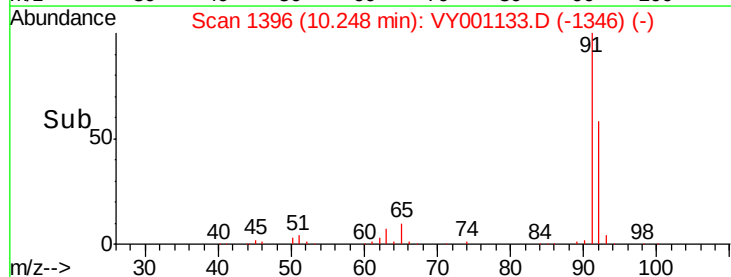
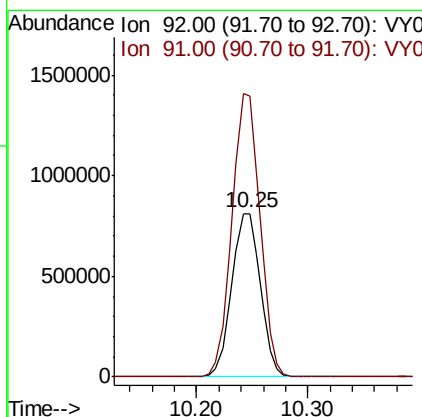
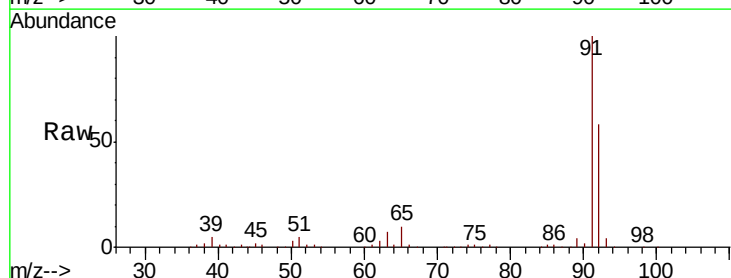
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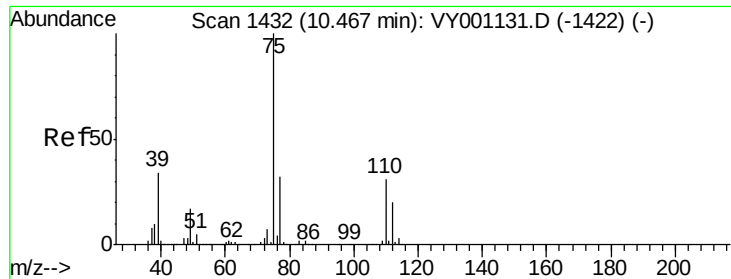
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#52
Toluene
Concen: 140.290 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Tgt Ion: 92 Resp: 1440898
Ion Ratio Lower Upper
92 100
91 170.2 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 149.549 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC150

Tot Ion: 75 Resp: 767432

Ion Ratio Lower Upper

75 100

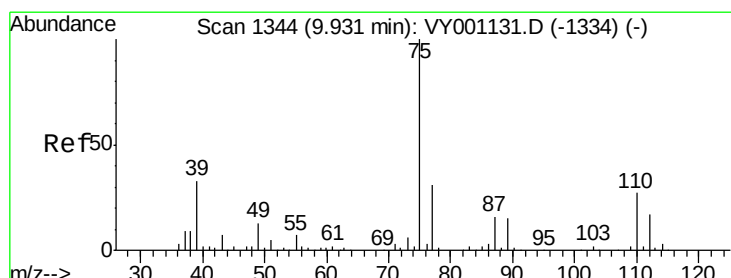
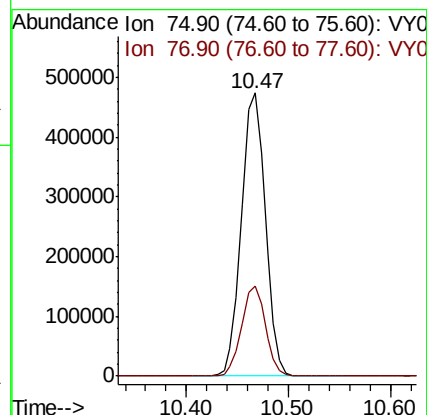
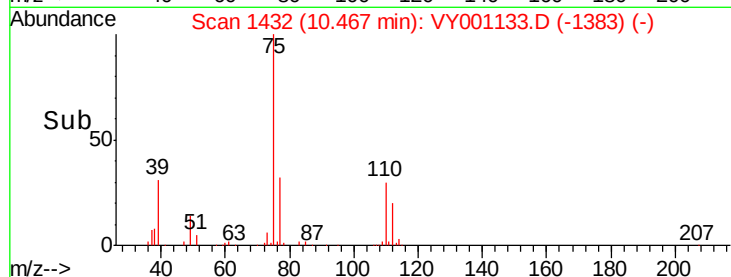
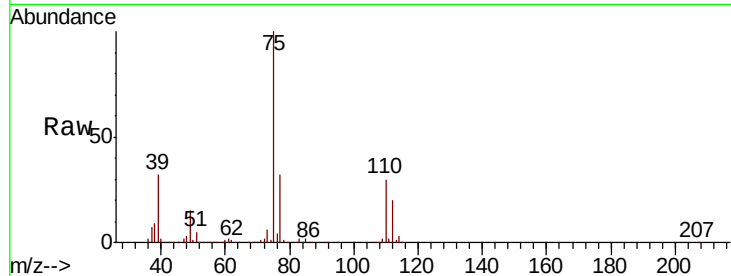
77 31.8 25.7 38.5

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#54

cis-1,3-Dichloropropene

Concen: 147.399 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

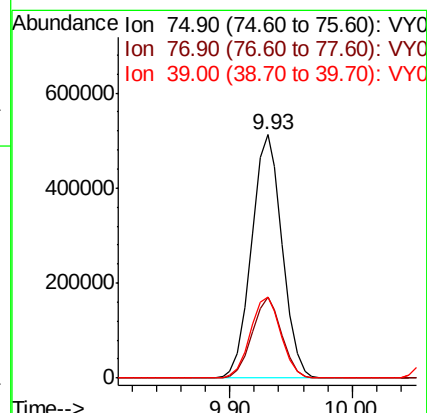
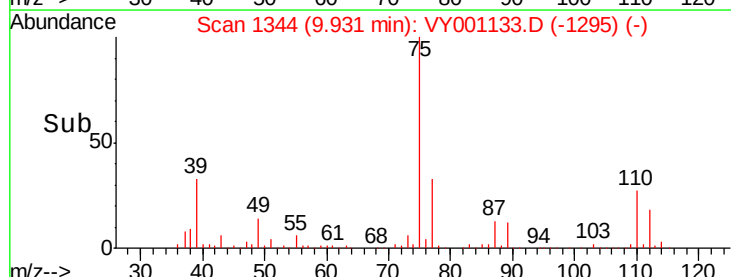
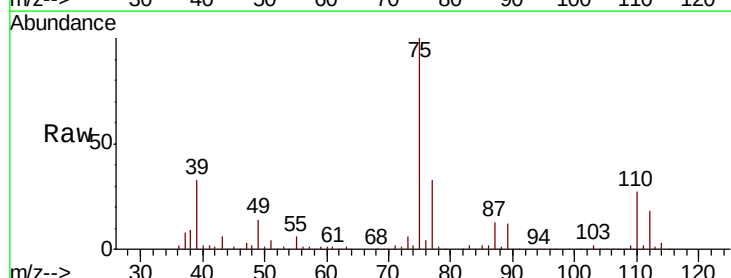
Tgt Ion: 75 Resp: 890705

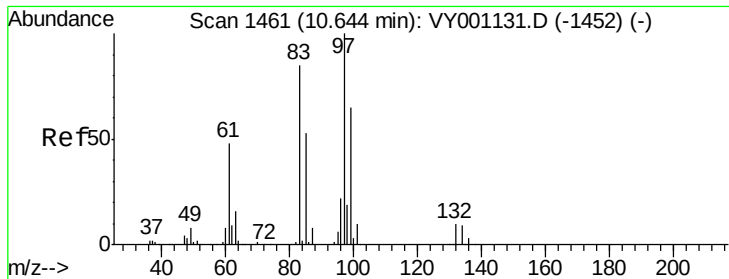
Ion Ratio Lower Upper

75 100

77 33.1 24.6 37.0

39 33.1 26.2 39.4





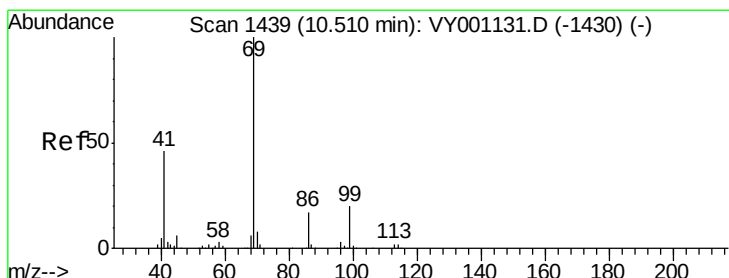
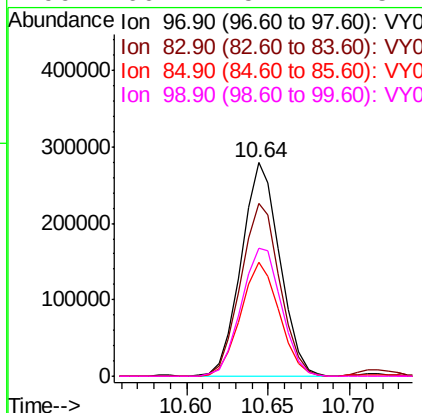
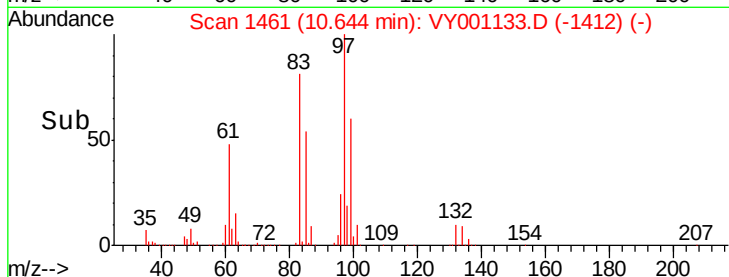
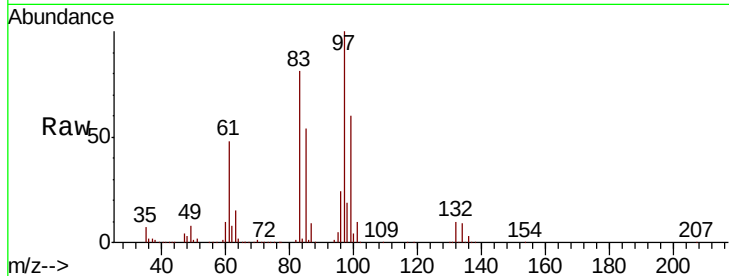
#55
 1,1,2-Trichloroethane
 Concen: 145.063 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY001133.D
 Acq: 02 Jan 2020 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		460169		
83	80.7	67.7	101.5		
85	53.6	42.7	64.1		
99	60.2	52.2	78.2		

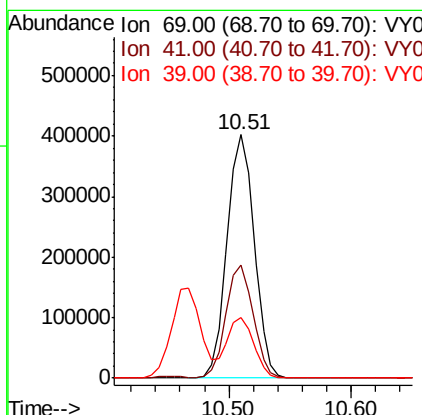
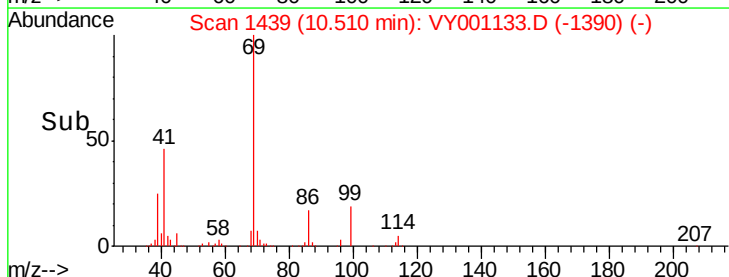
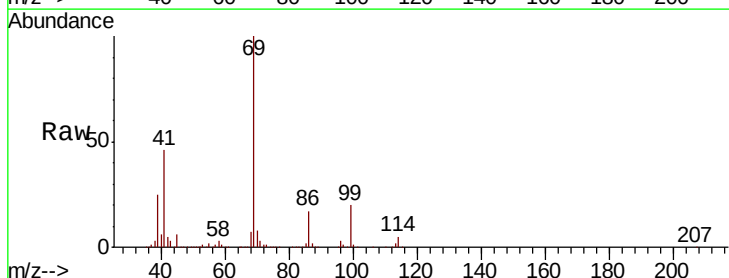
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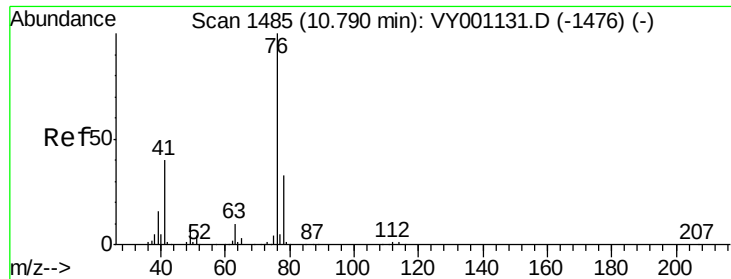
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#56
 Ethyl methacrylate
 Concen: 153.252 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY001133.D
 Acq: 02 Jan 2020 12:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		617408		
41	46.5	37.5	56.3		
39	25.5	19.0	28.6		





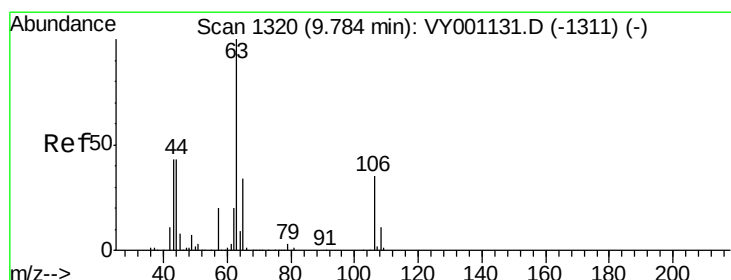
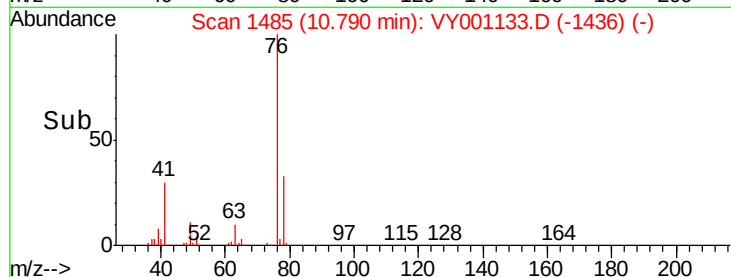
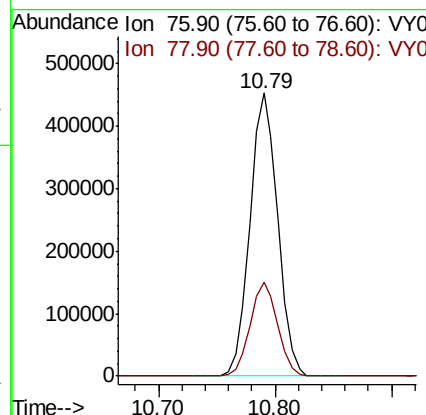
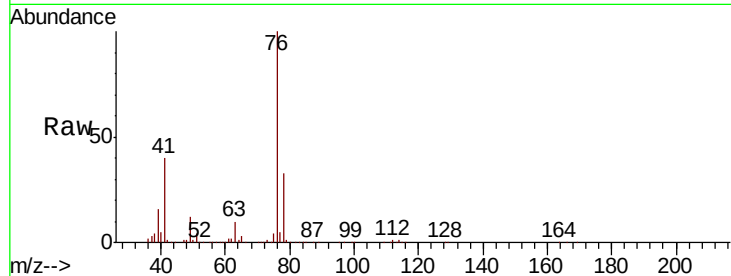
#57
 1,3-Dichloropropane
 Concen: 152.531 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY001133.D
 Acq: 02 Jan 2020 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.2	39.2

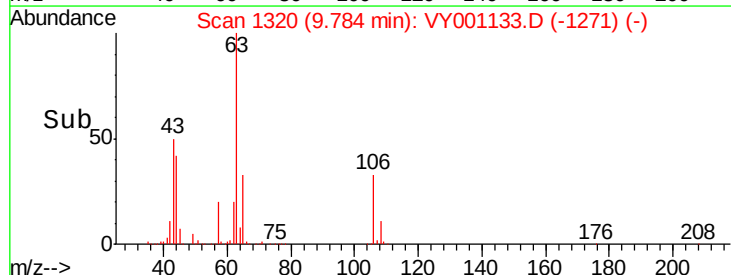
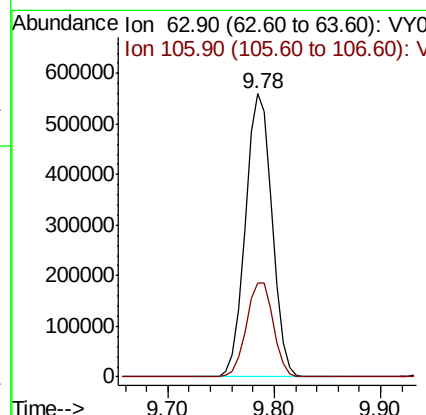
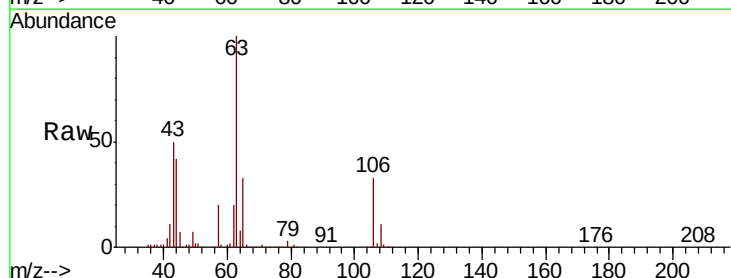
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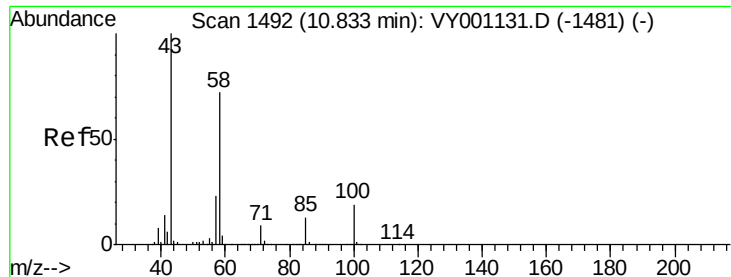
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#58
 2-Chloroethyl Vinyl ether
 Concen: 665.801 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY001133.D
 Acq: 02 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
63	100		
106	33.8	28.0	42.0





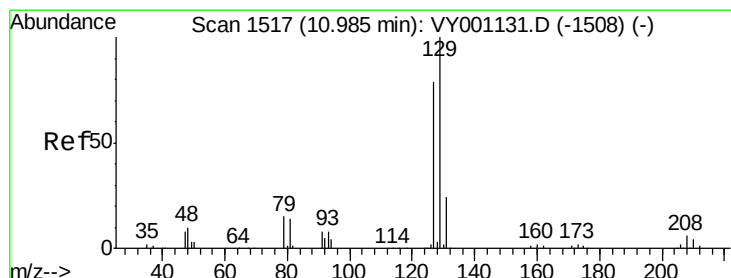
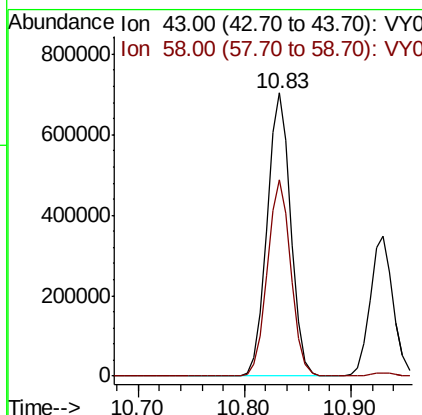
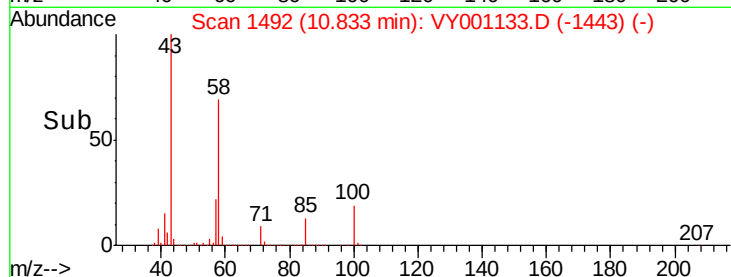
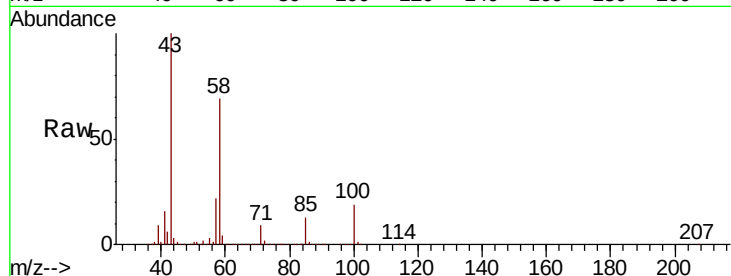
#59
2-Hexanone
Concen: 779.265 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1092417
Ion Ratio Lower Upper
43 100
58 68.7 34.4 103.3

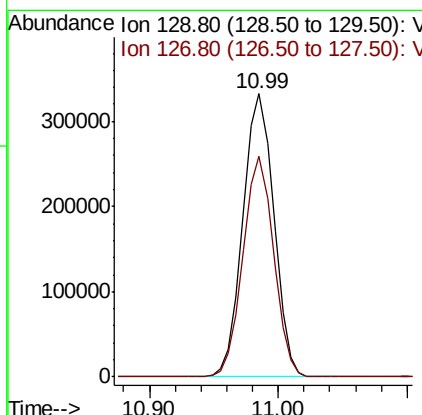
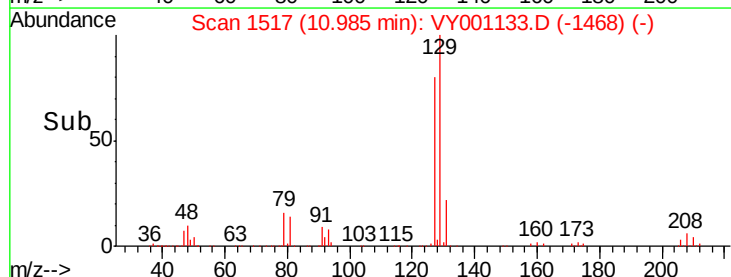
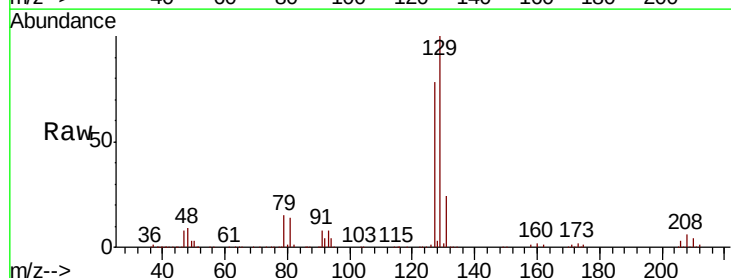
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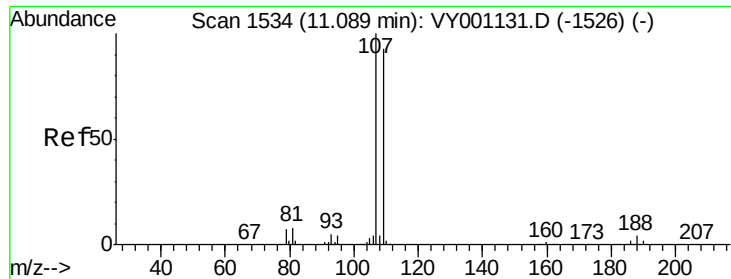
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#60
Dibromochloromethane
Concen: 153.727 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Tgt Ion: 129 Resp: 553037
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 148.484 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 107 Resp: 456249

Ion Ratio Lower Upper

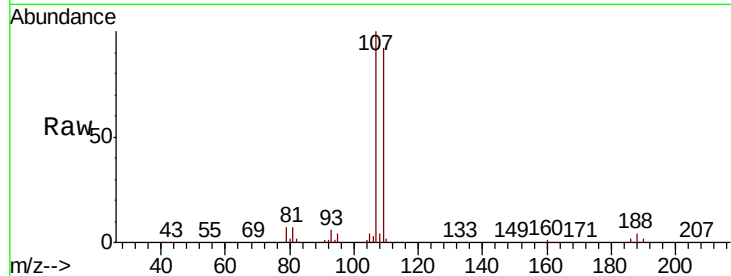
107 100

109 95.0 75.4 113.2

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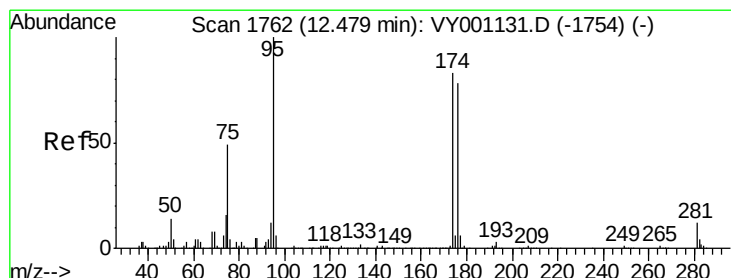
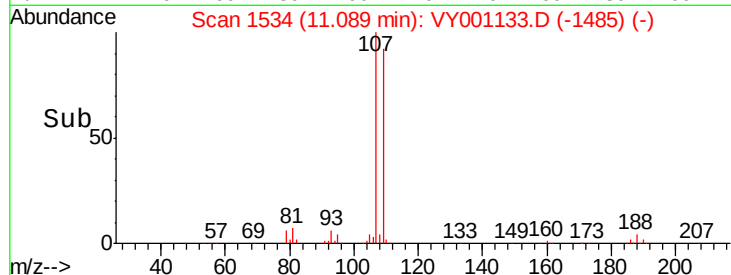
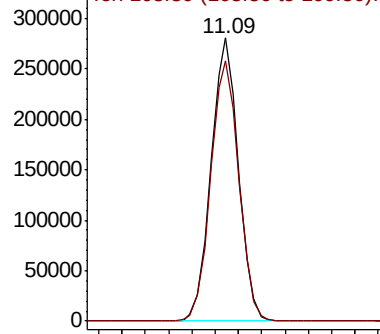
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 121.159 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

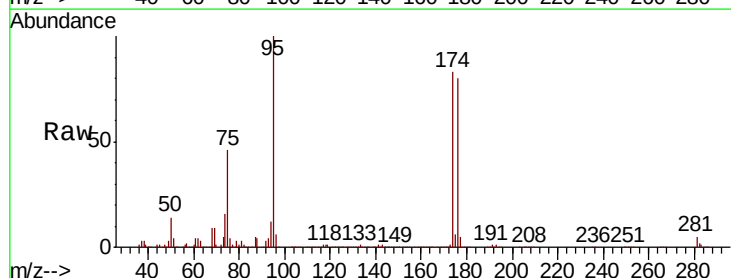
Tgt Ion: 95 Resp: 614660

Ion Ratio Lower Upper

95 100

174 84.5 0.0 171.8

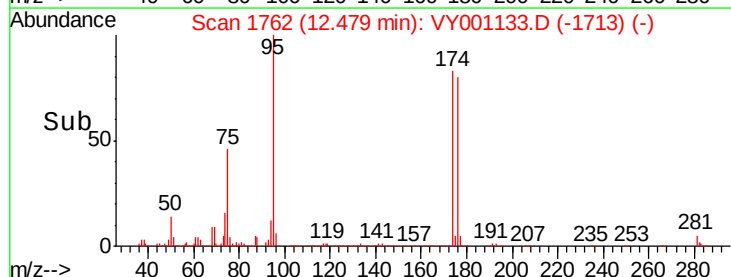
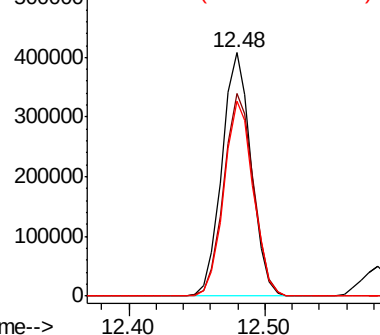
176 81.0 0.0 163.6

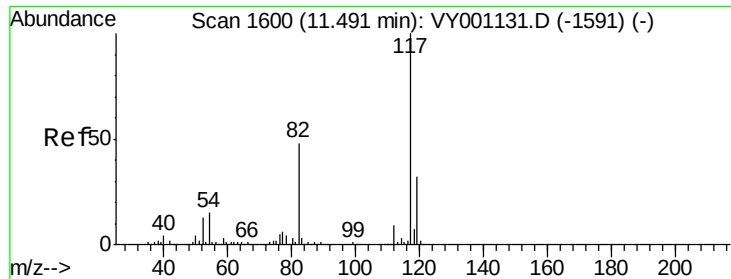


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





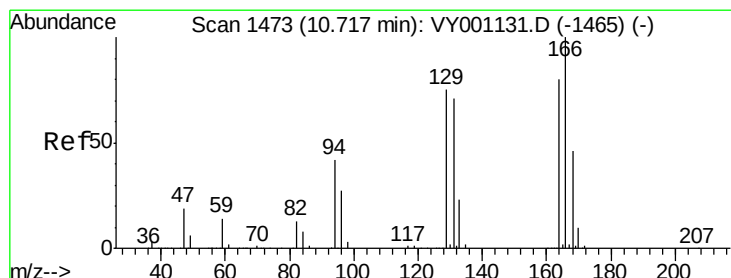
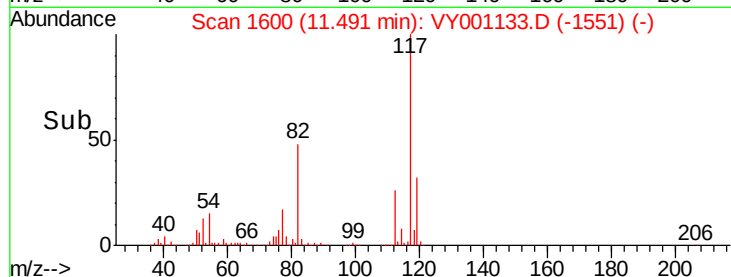
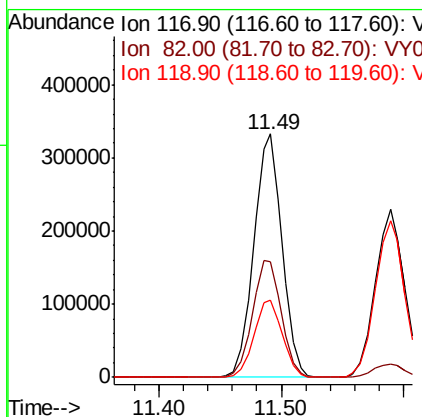
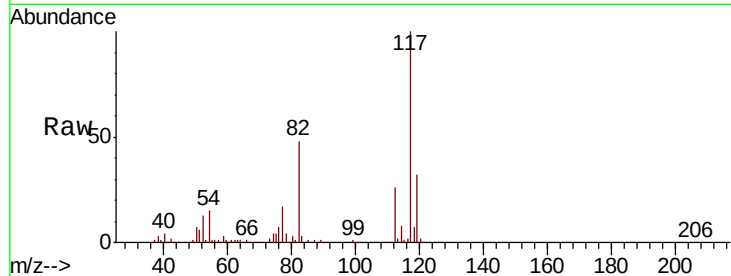
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	47.7	38.5	57.7
119	31.8	25.9	38.9

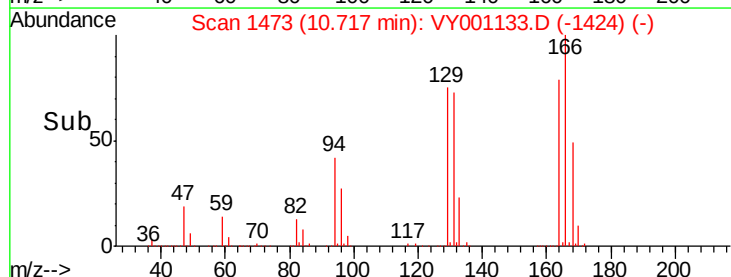
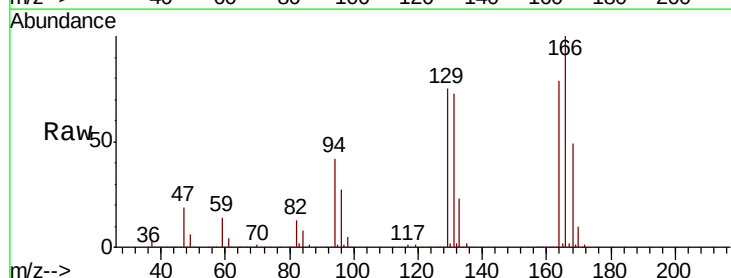
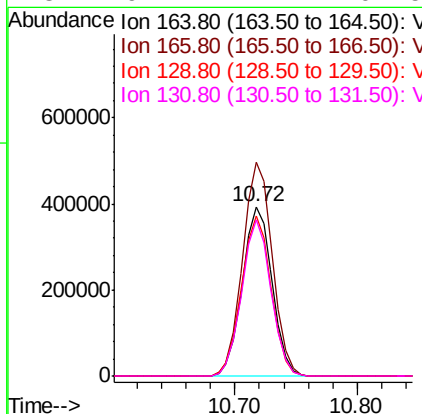
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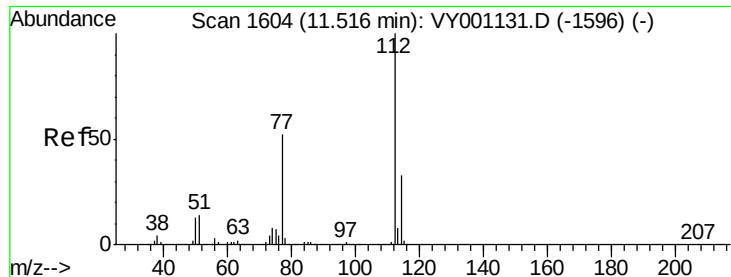
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#64
Tetrachloroethene
Concen: 129.134 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	100.6	151.0
129	94.7	75.0	112.4
131	92.1	71.7	107.5





#65

Chlorobenzene

Concen: 135.727 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:112 Resp: 1562985

Ion Ratio Lower Upper

112 100

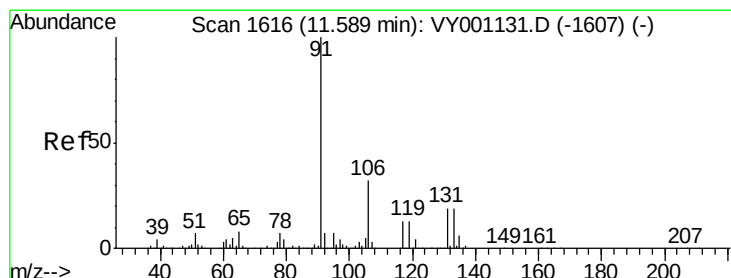
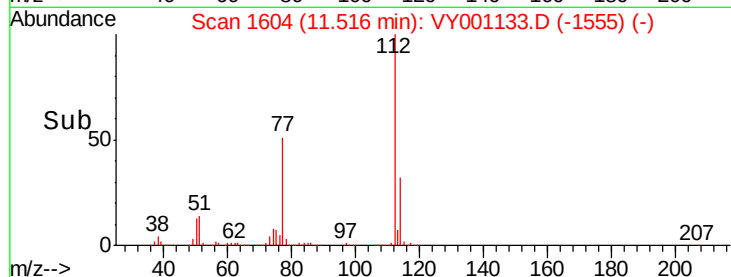
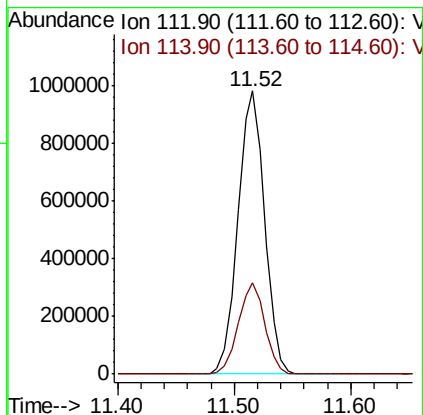
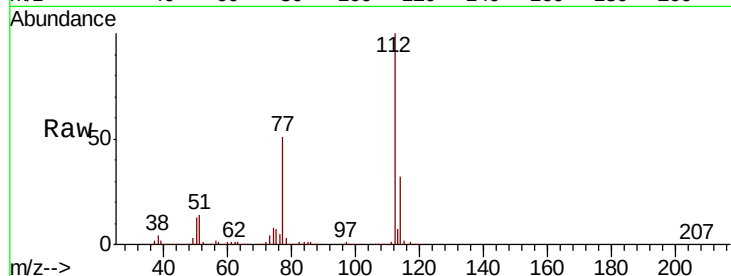
114 32.3 26.5 39.7

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#66

1,1,1,2-Tetrachloroethane

Concen: 133.584 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

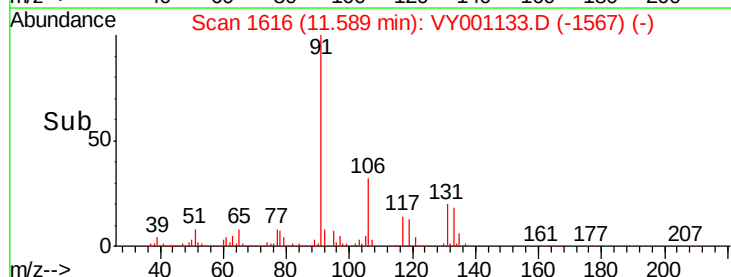
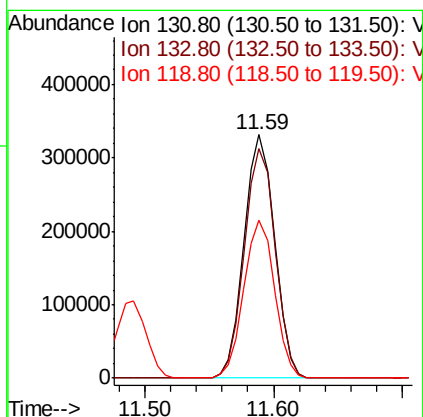
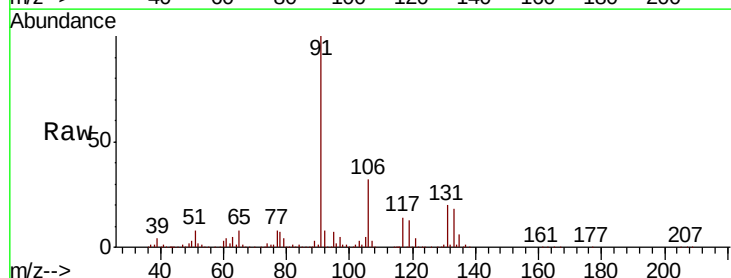
Tgt Ion:131 Resp: 543439

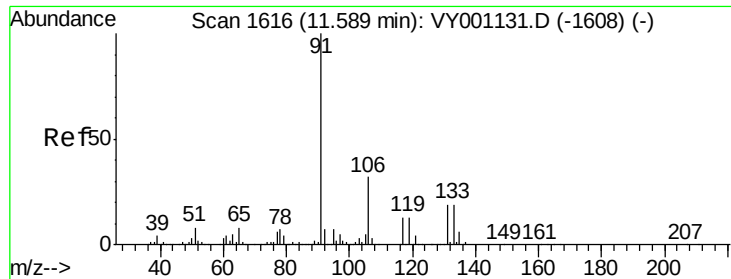
Ion Ratio Lower Upper

131 100

133 95.5 47.3 141.8

119 65.4 33.1 99.3





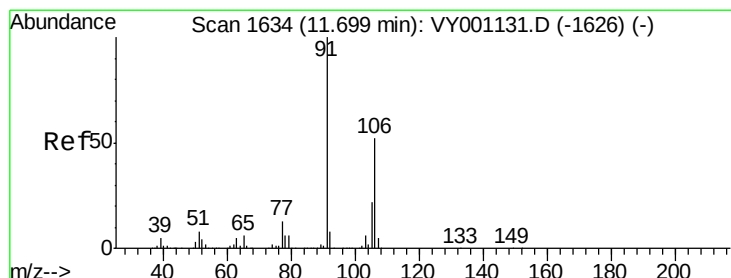
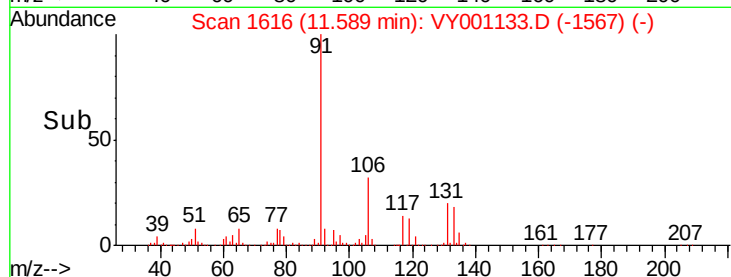
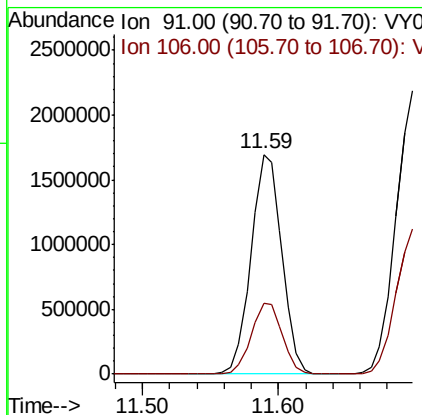
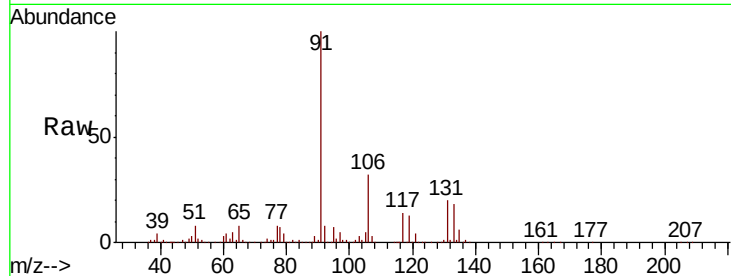
#67
Ethyl Benzene
Concen: 133.658 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2688072
Ion Ratio Lower Upper
91 100
106 32.4 25.9 38.9

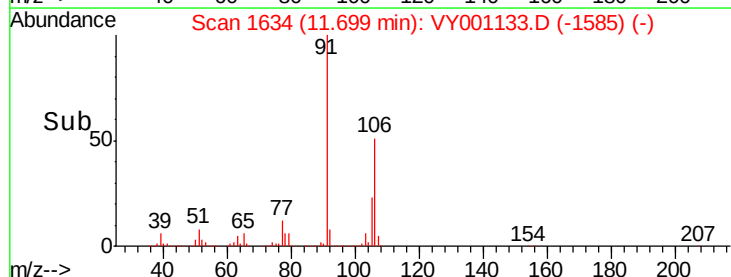
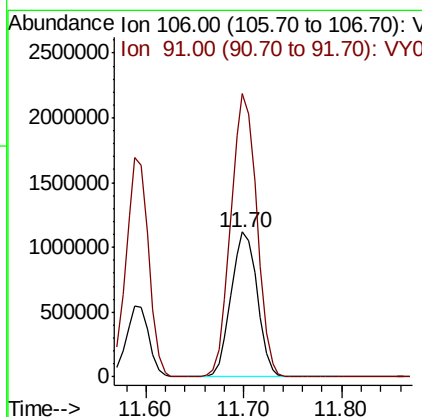
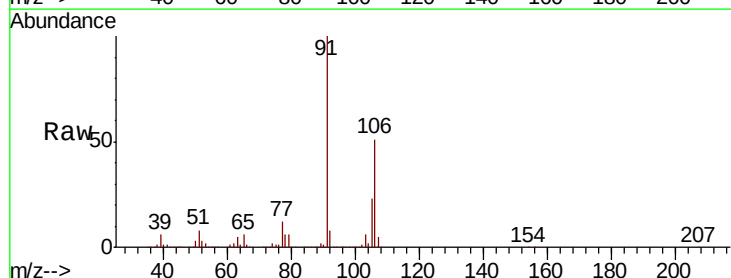
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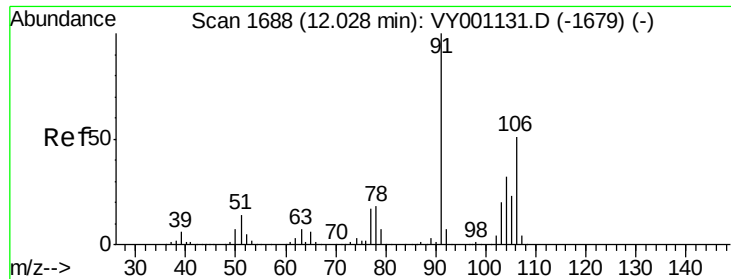
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#68
m/p-Xylenes
Concen: 260.279 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Tgt Ion: 106 Resp: 2078003
Ion Ratio Lower Upper
106 100
91 193.5 154.3 231.5





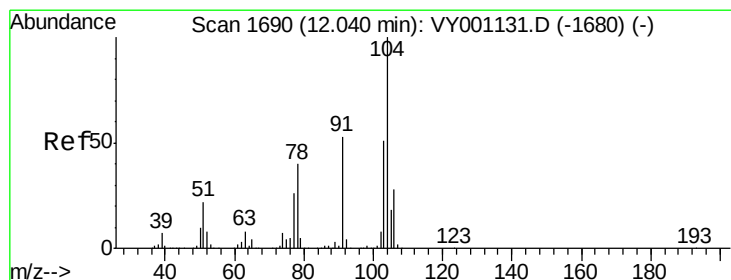
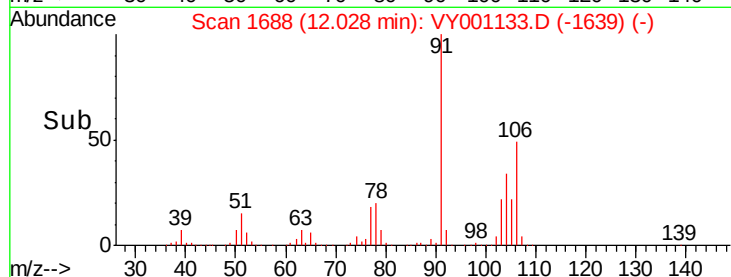
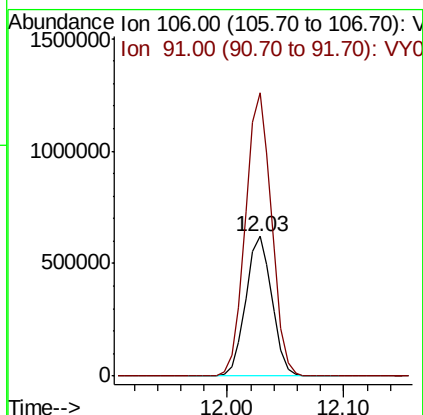
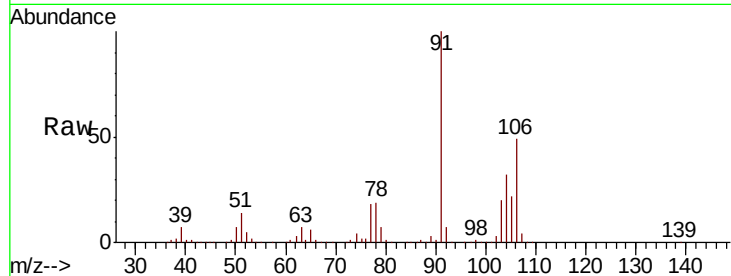
#69
o-Xylene
Concen: 128.051 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
106	100		
91	202.2	100.8	302.4

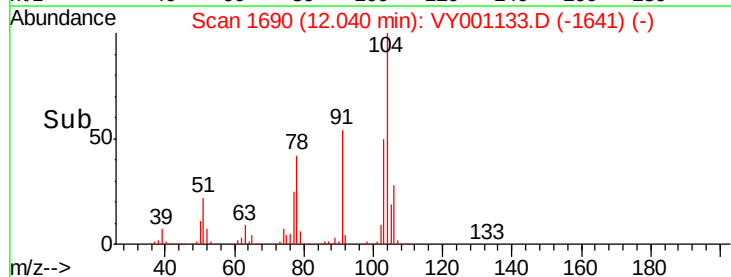
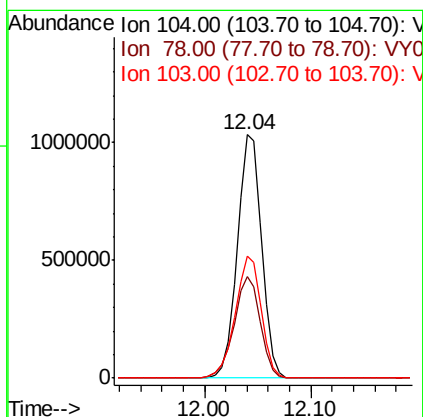
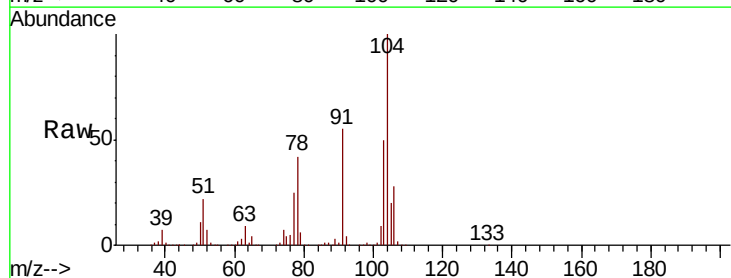
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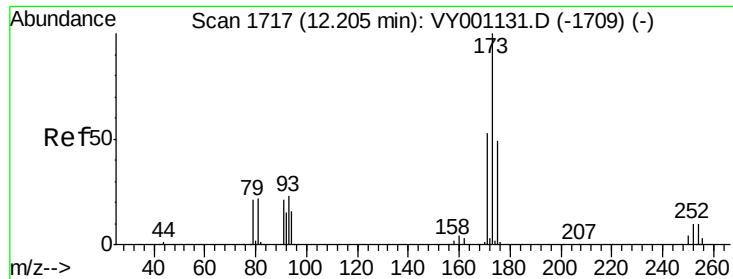
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#70
Styrene
Concen: 128.579 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
104	100		
78	45.0	34.7	52.1
103	53.6	42.6	64.0





#71

Bromoform

Concen: 136.812 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

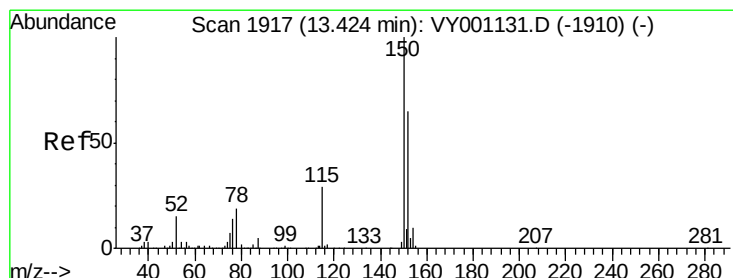
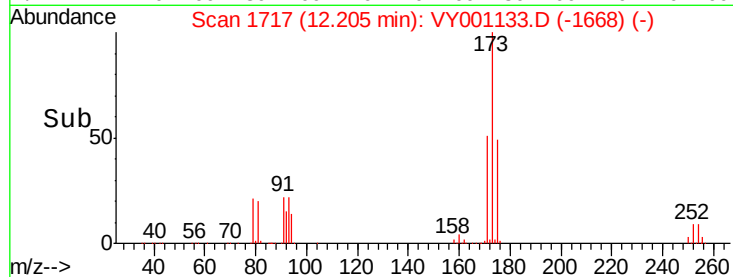
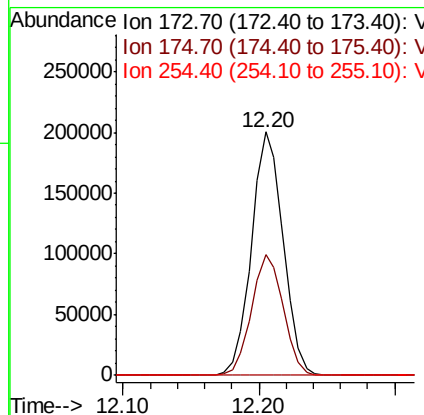
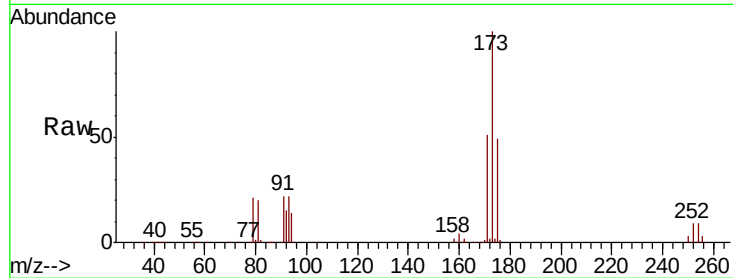
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.4	73.2
254	0.1	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

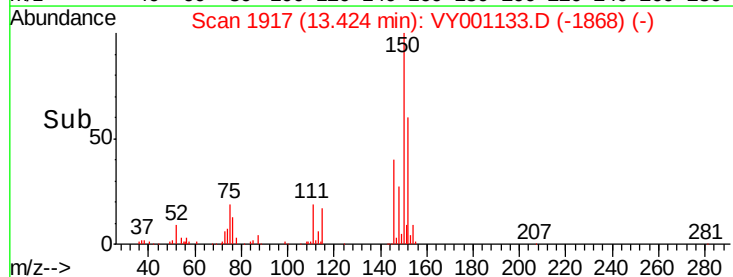
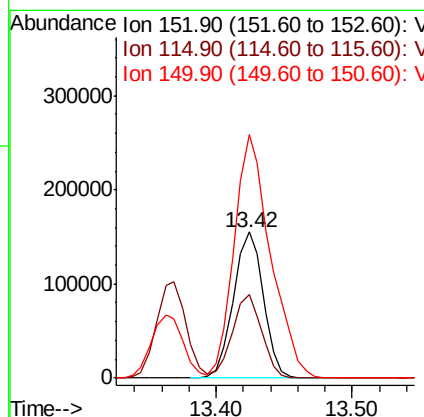
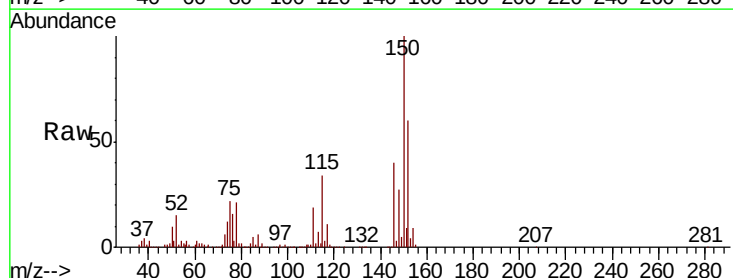
RT: 13.42 min Scan# 1917

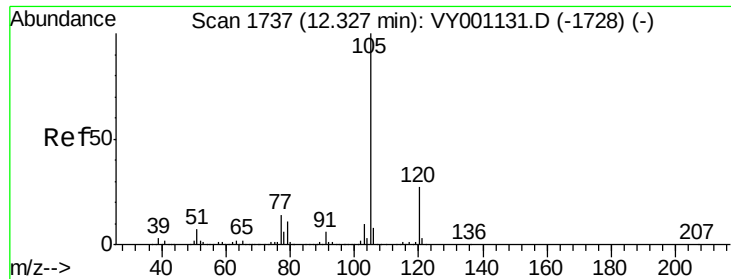
Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	27.7	83.0
150	202.8	0.0	342.6





#73

Isopropylbenzene

Concen: 142.264 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2567889

Ion Ratio Lower Upper

105 100

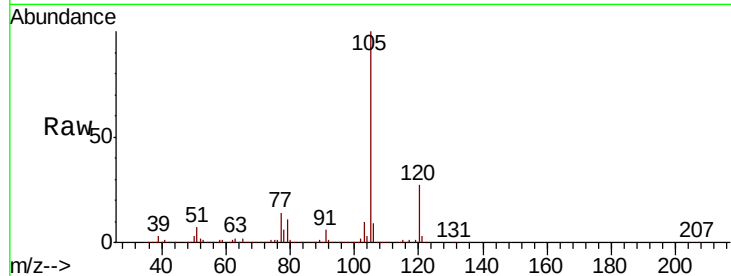
120 27.6 13.9 41.7

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2000000

1500000

1000000

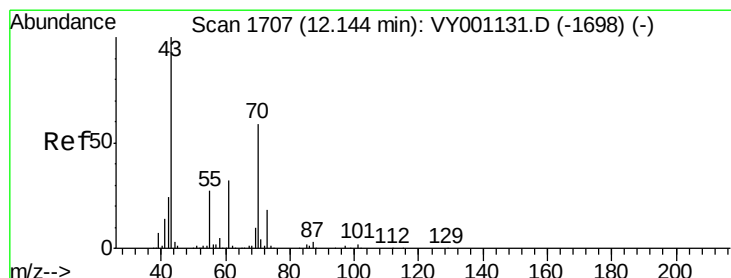
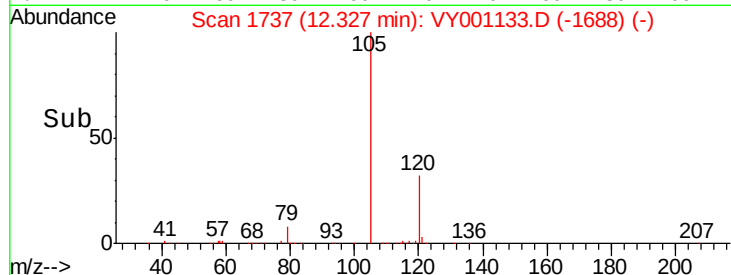
500000

0

12.33

12.40

Time-->



#74

N-ethyl acetate

Concen: 153.434 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Tgt Ion: 43 Resp: 518612

Ion Ratio Lower Upper

43 100

70 57.6 46.2 69.4

55 26.5 21.3 31.9

61 31.4 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

500000

400000

300000

200000

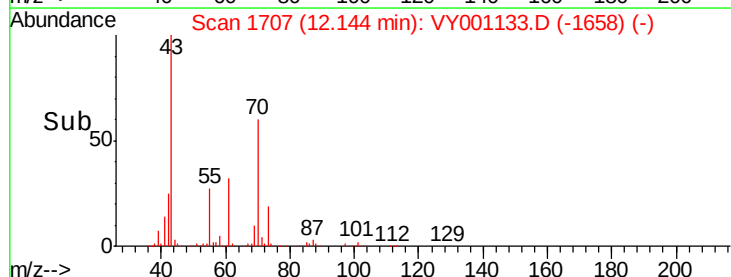
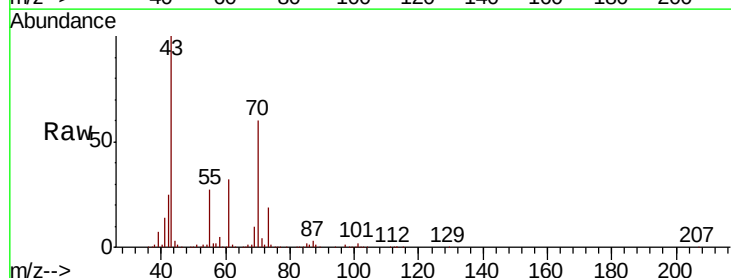
100000

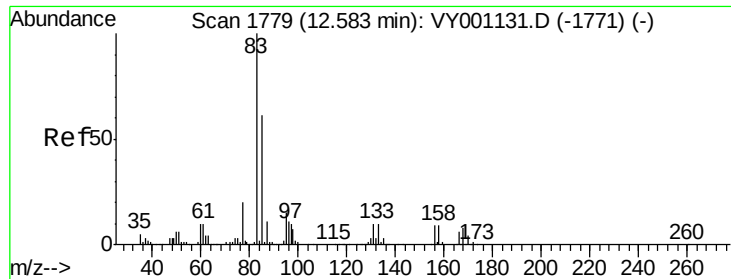
0

12.14

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 149.227 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 472374

Ion Ratio Lower Upper

83 100

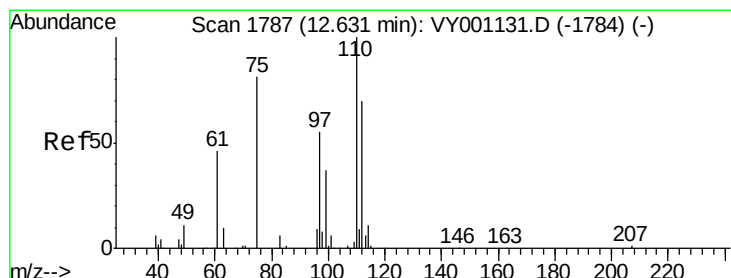
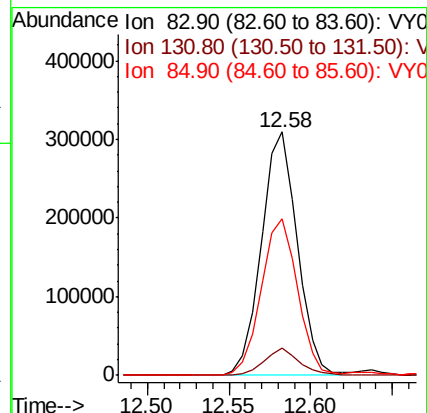
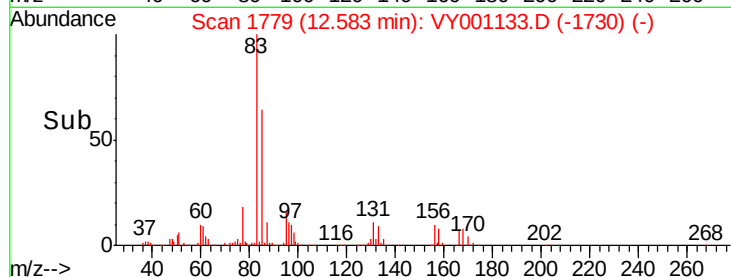
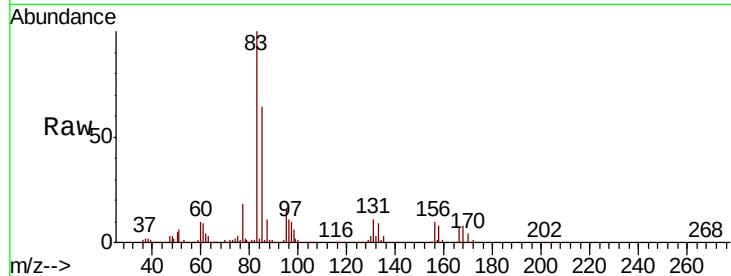
131 11.0 5.5 16.7

85 65.1 32.0 96.0

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#76

1,2,3-Trichloropropane

Concen: 76.502 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY001133.D

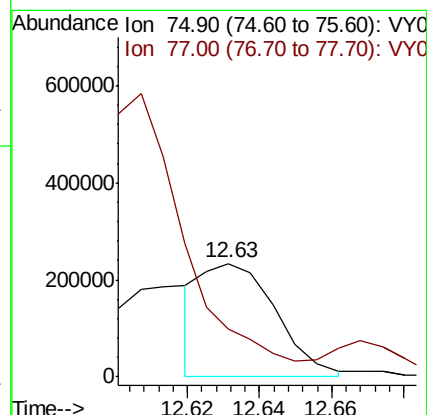
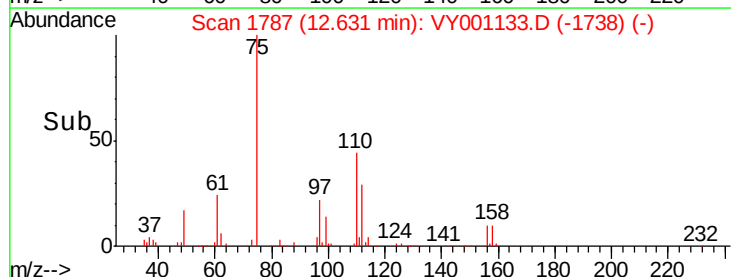
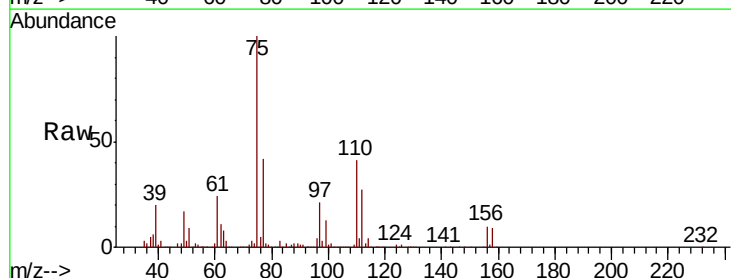
Acq: 02 Jan 2020 12:29

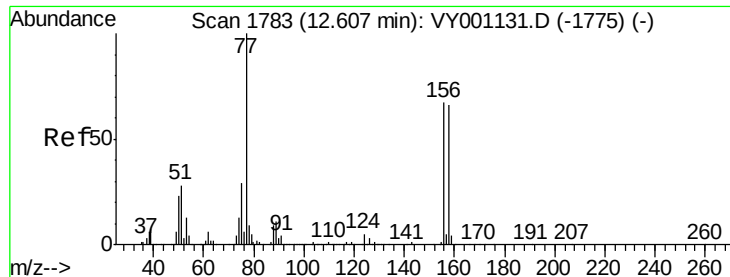
Tgt Ion: 75 Resp: 337138

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 141.281 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

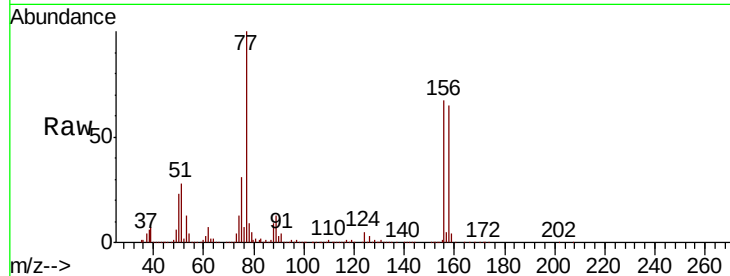
ClientSampleId :

VSTDIC150

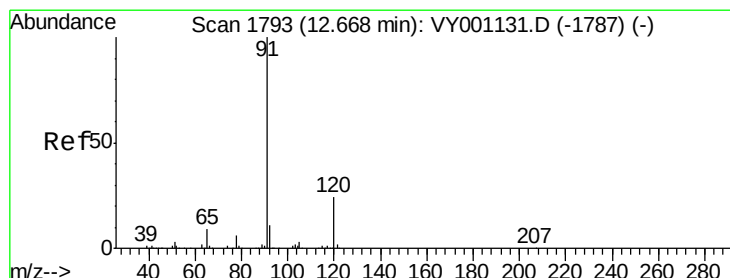
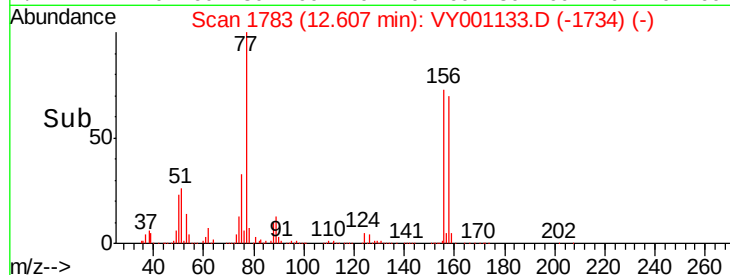
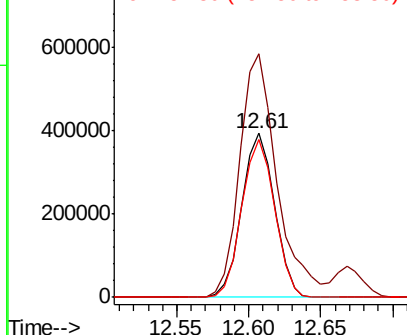
Tot Ion:	156	Resp:	617225
Ion Ratio	Lower	Upper	
156	100		
77	169.6	85.9	257.7
158	96.9	49.7	149.1

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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: 141.618 ug/l

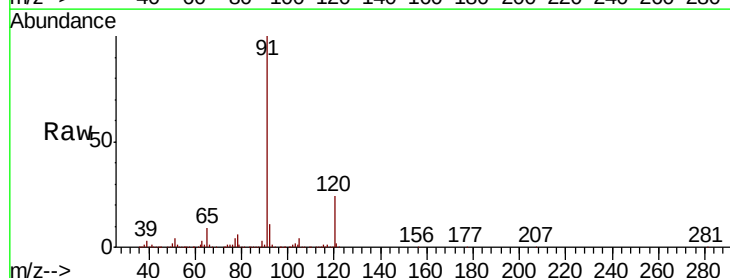
RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

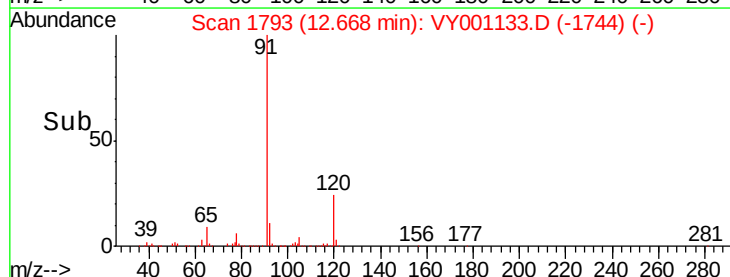
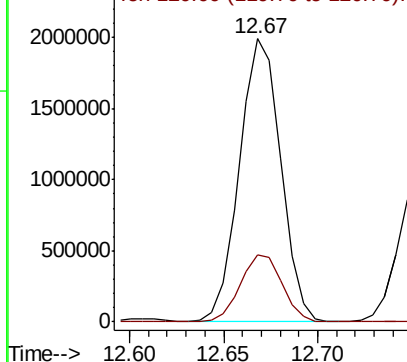
Lab File: VY001133.D

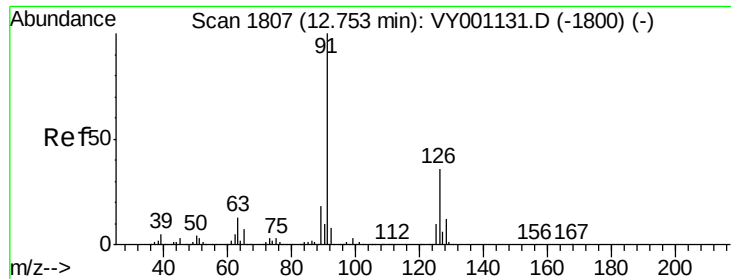
Acq: 02 Jan 2020 12:29

Tgt Ion:	91	Resp:	3024544
Ion Ratio	Lower	Upper	
91	100		
120	24.1	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: 140.778 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1665557

Ion Ratio Lower Upper

91 100

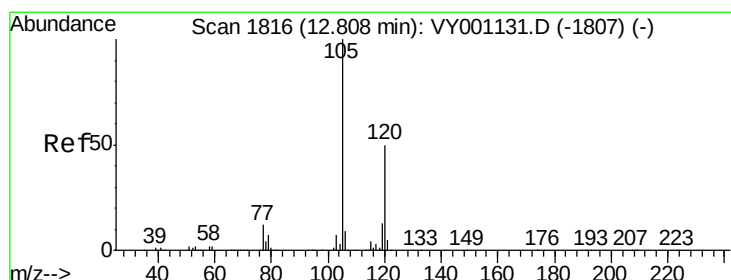
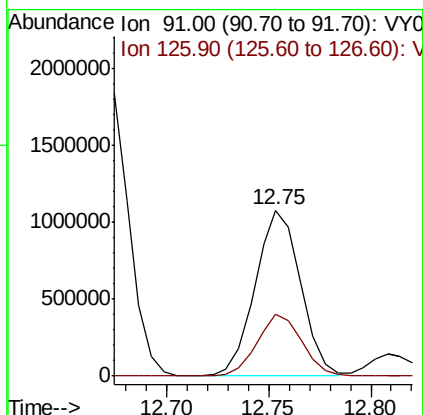
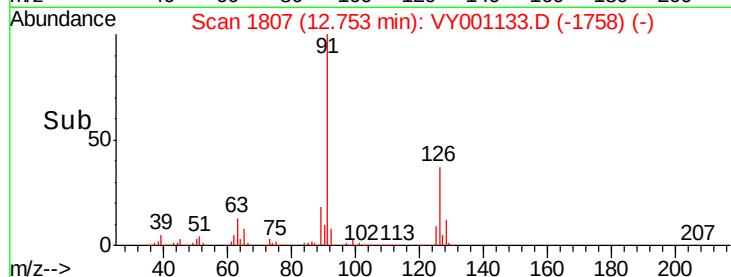
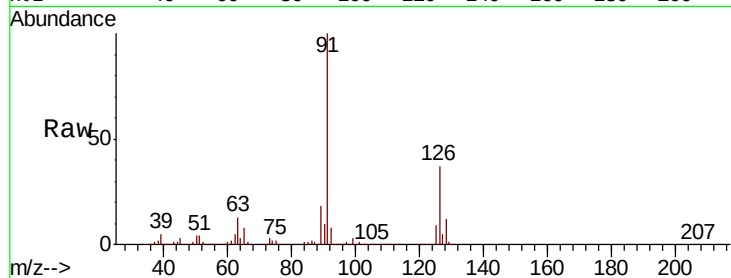
126 36.8 18.3 54.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 134.340 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY001133.D

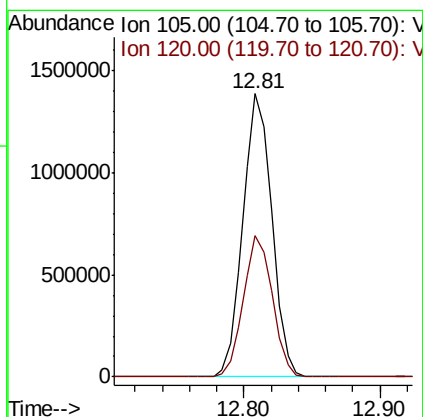
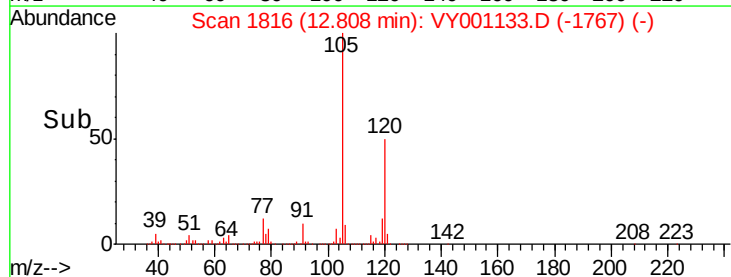
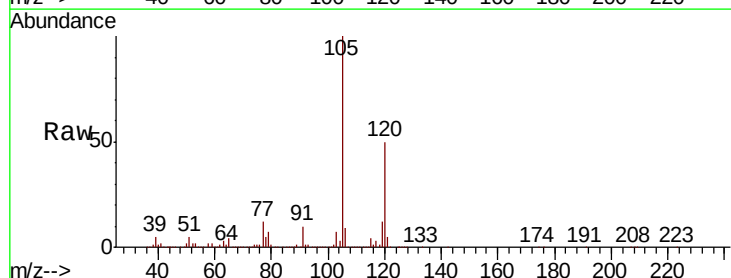
Acq: 02 Jan 2020 12:29

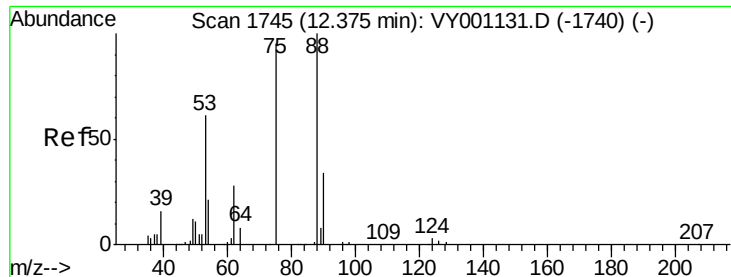
Tgt Ion: 105 Resp: 2069759

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 161.314 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

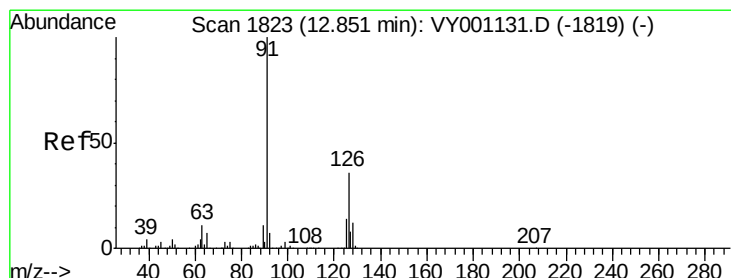
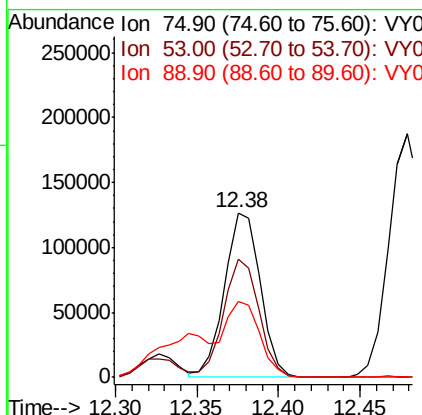
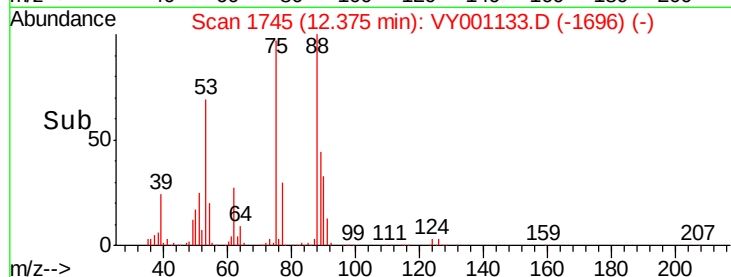
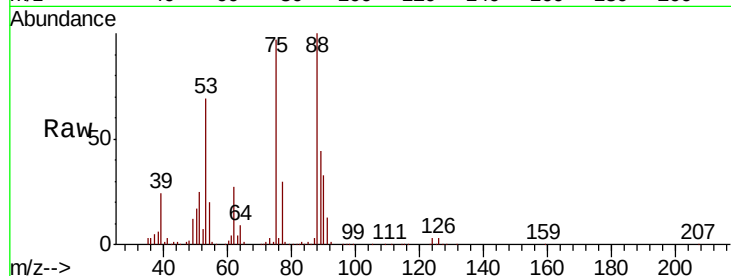
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	192909
Ion	Ratio	Lower	Upper
75	100		
53	71.2	55.6	83.4
89	46.7	34.7	52.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 140.499 ug/l

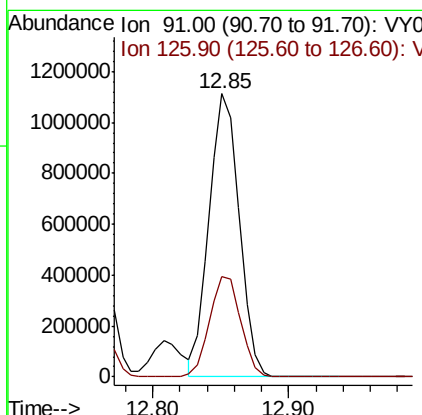
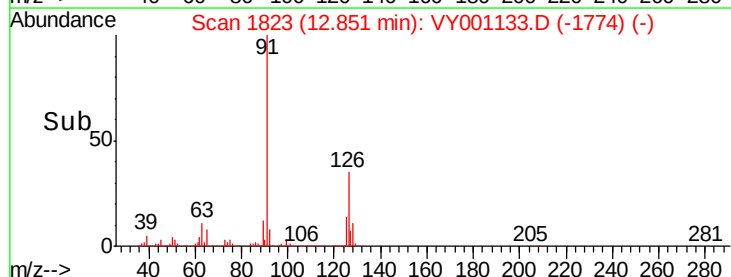
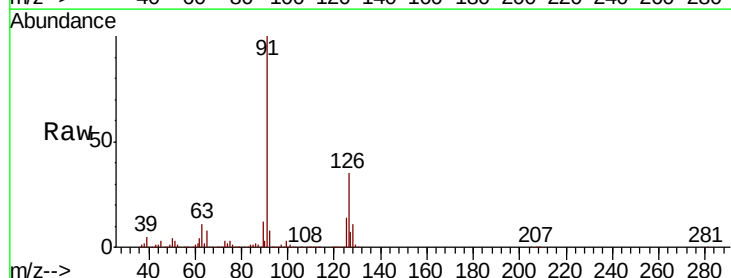
RT: 12.85 min Scan# 1823

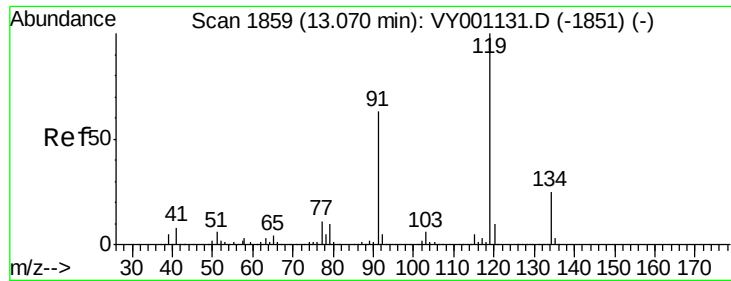
Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Tgt Ion:	91	Resp:	1709104
Ion	Ratio	Lower	Upper
91	100		
126	36.6	18.6	56.0





#83

tert-Butylbenzene

Concen: 137.928 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:119 Resp: 1803369

Ion Ratio Lower Upper

119 100

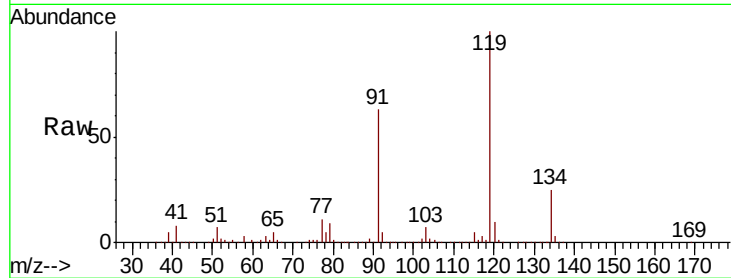
91 61.0 30.9 92.7

134 26.3 13.2 39.5

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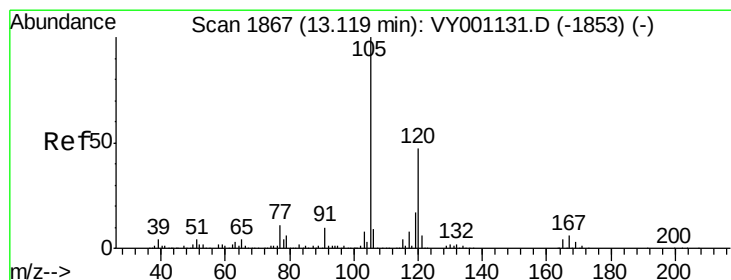
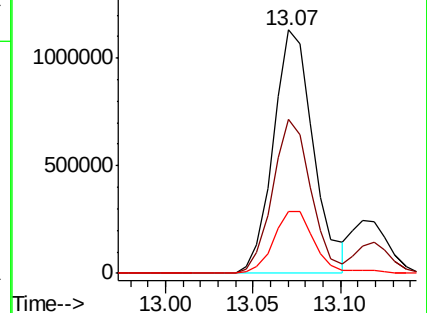
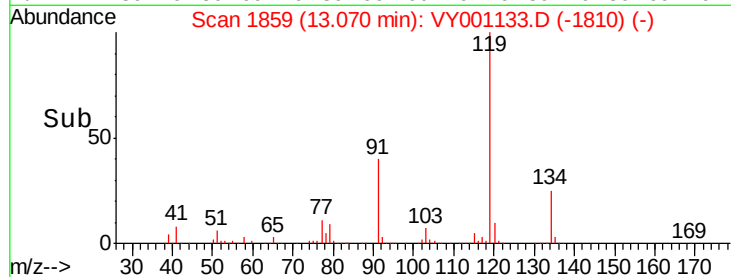
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 134.138 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY001133.D

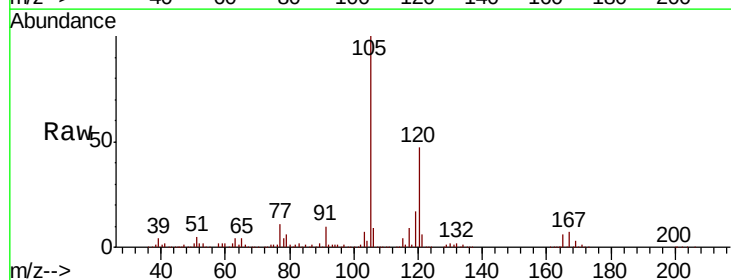
Acq: 02 Jan 2020 12:29

Tgt Ion:105 Resp: 2069637

Ion Ratio Lower Upper

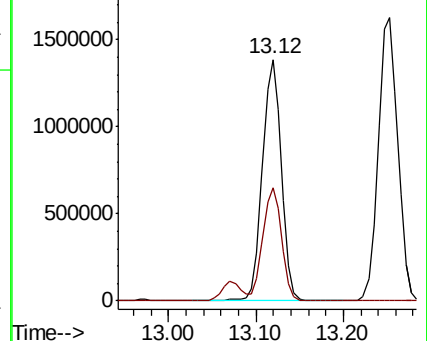
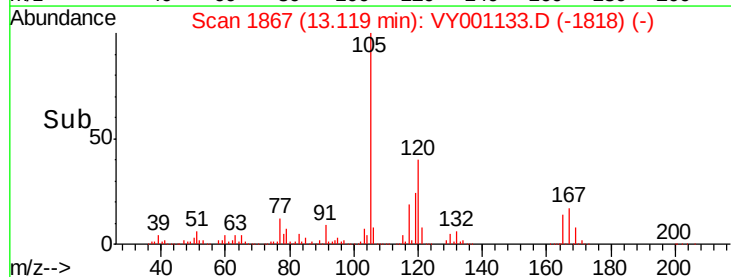
105 100

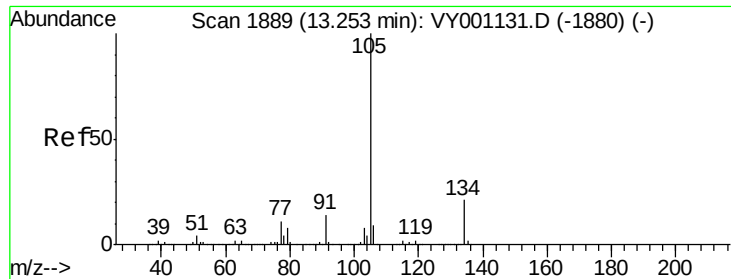
120 47.0 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 137.246 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2515106

Ion Ratio Lower Upper

105 100

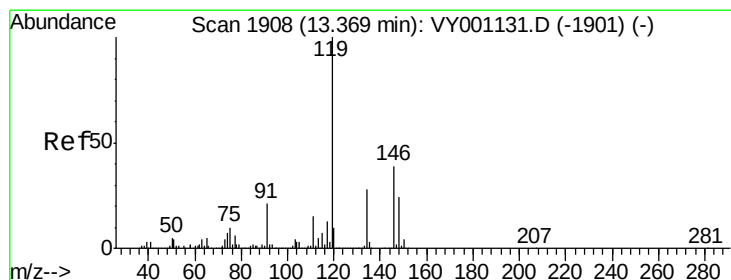
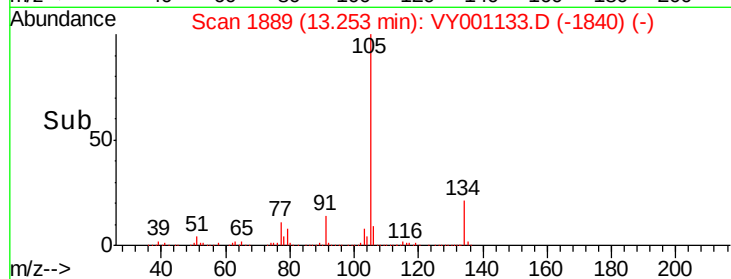
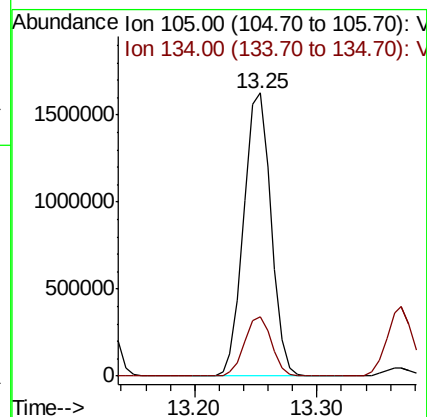
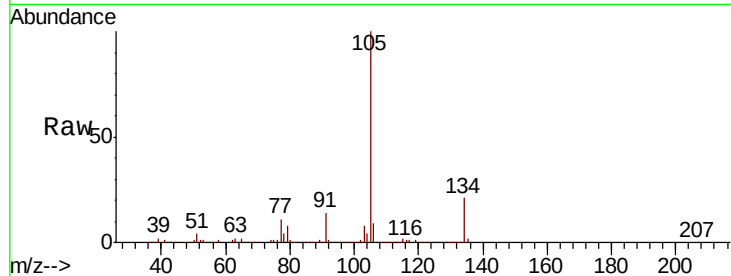
134 20.9 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 130.324 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

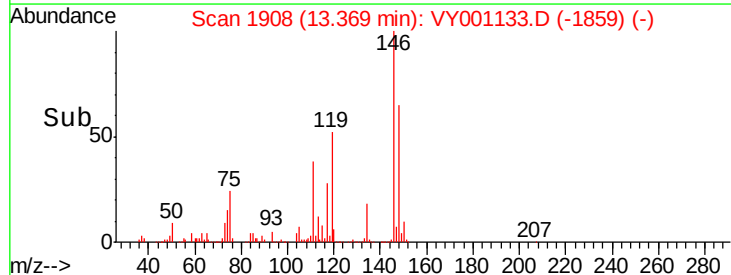
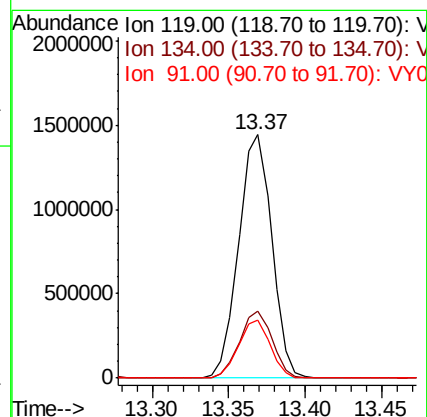
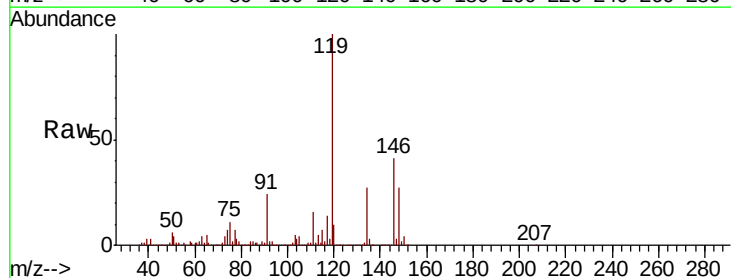
Tgt Ion:119 Resp: 2167696

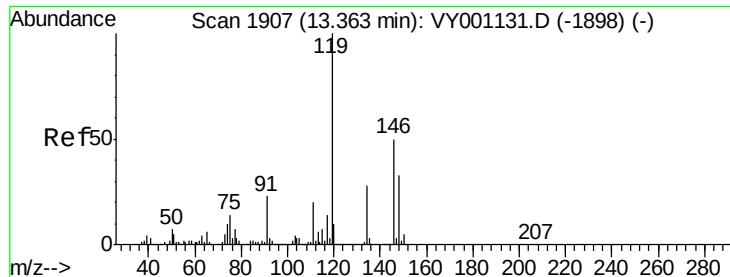
Ion Ratio Lower Upper

119 100

134 27.3 13.8 41.3

91 22.9 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 129.053 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

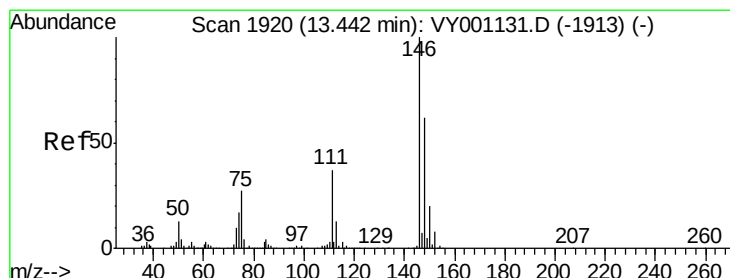
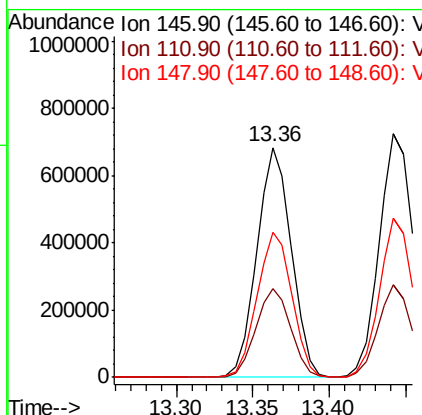
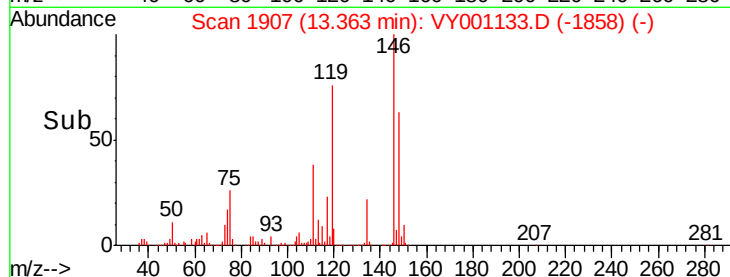
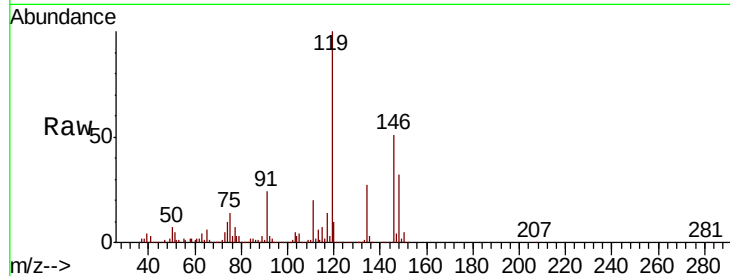
Instrument :
MSVOA_Y

ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.5	58.5
148	63.9	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 134.182 ug/l

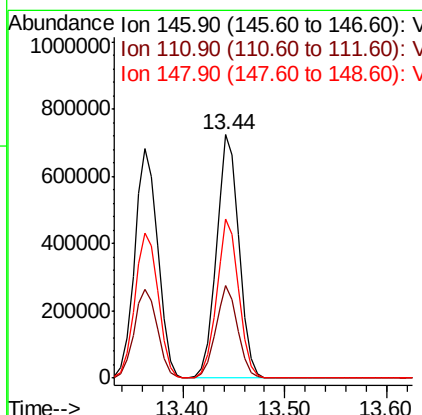
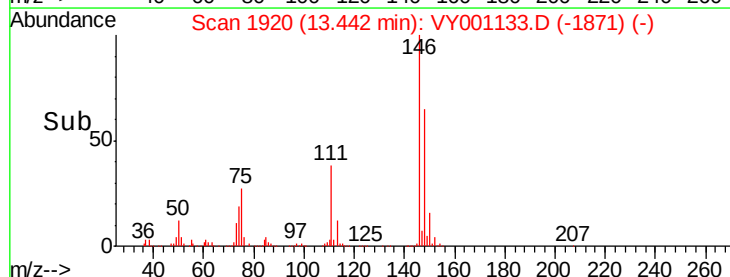
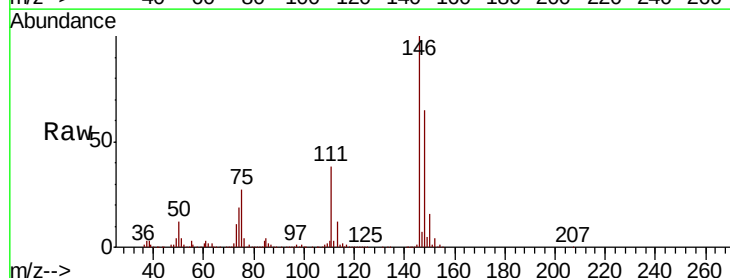
RT: 13.44 min Scan# 1920

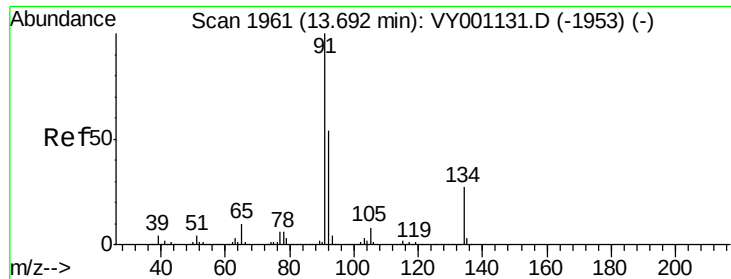
Delta R.T. -0.00 min

Lab File: VY001133.D

Acq: 02 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.1	57.3
148	63.9	32.0	96.0





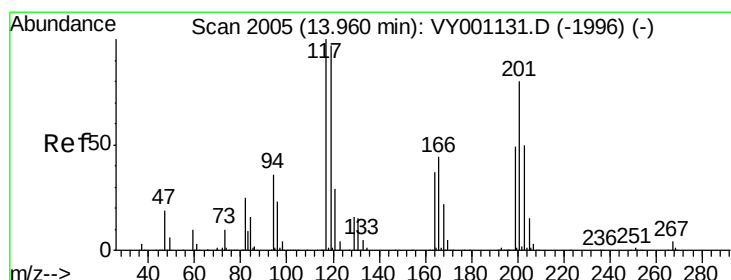
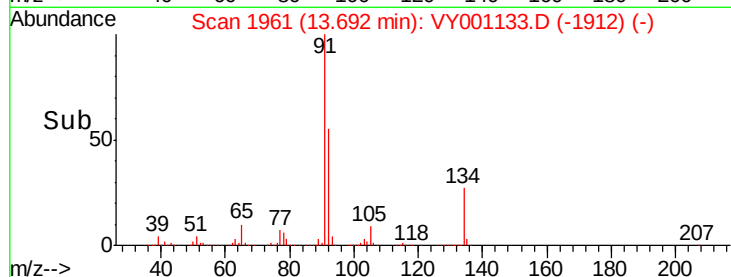
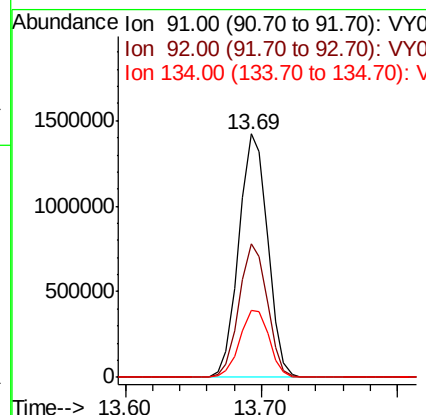
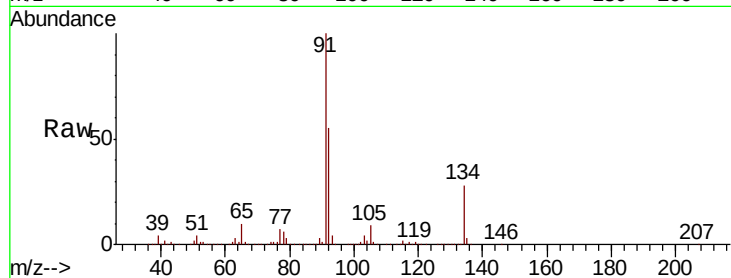
#89
n-Butylbenzene
Concen: 134.843 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.2	81.5
134	28.1	14.1	42.4

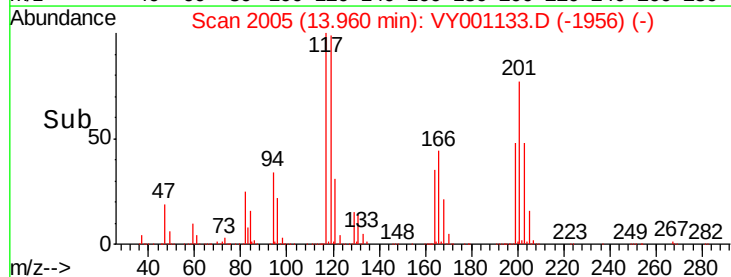
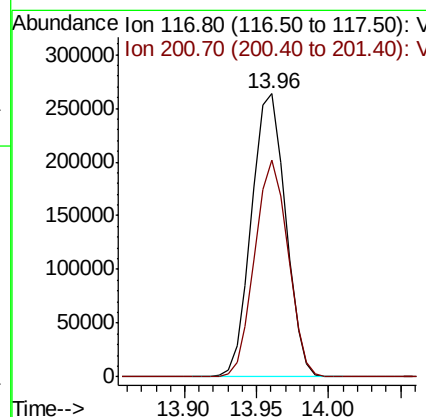
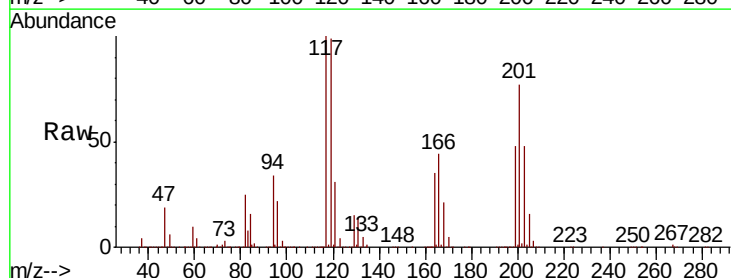
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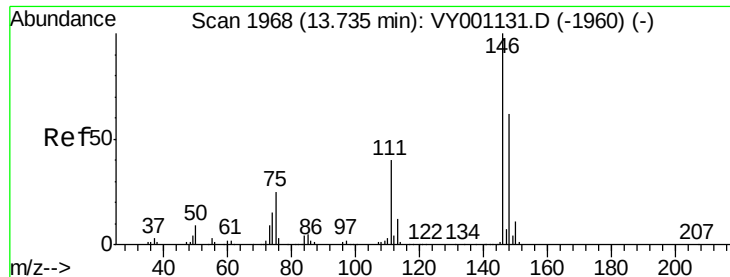
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#90
Hexachloroethane
Concen: 142.453 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.8	38.0	114.0





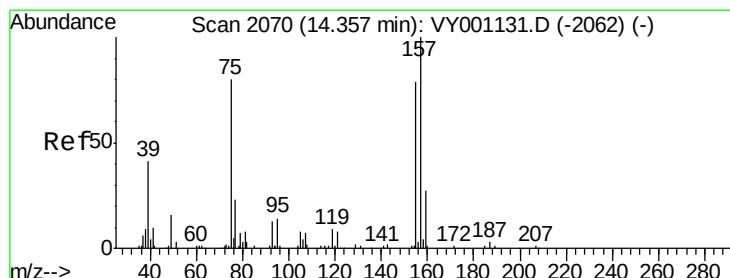
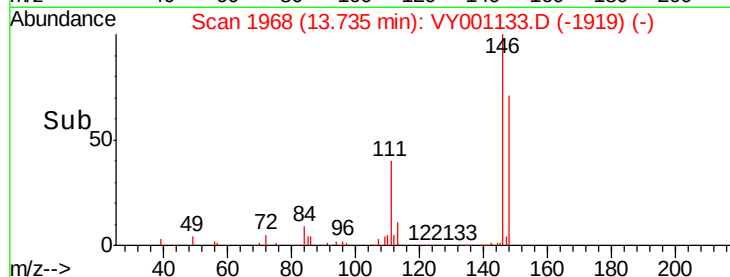
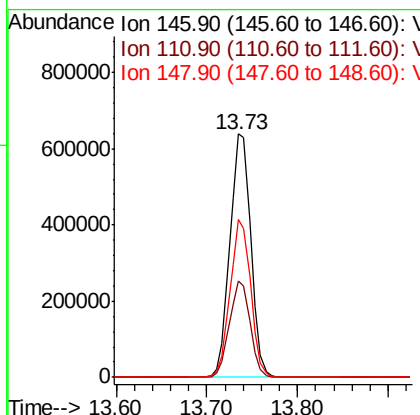
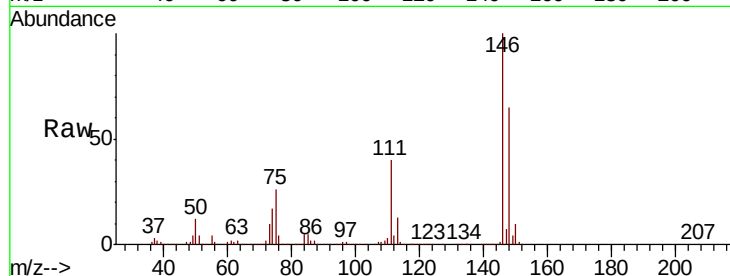
#91
 1,2-Dichlorobenzene
 Concen: 134.743 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY001133.D
 Acq: 02 Jan 2020 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.1	60.3
148	63.7	31.9	95.5

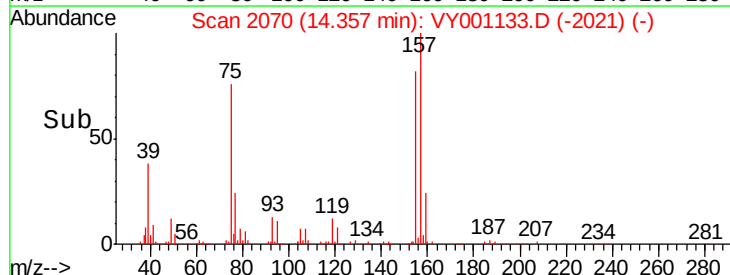
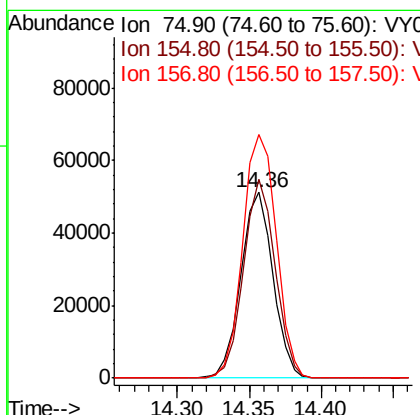
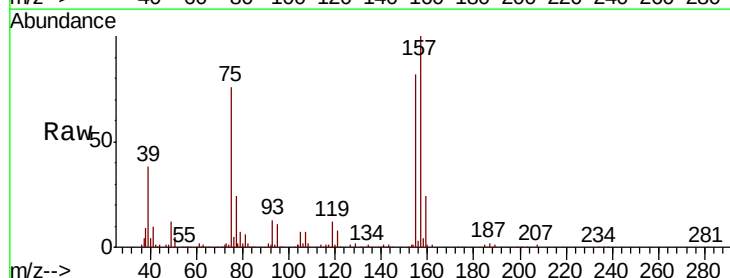
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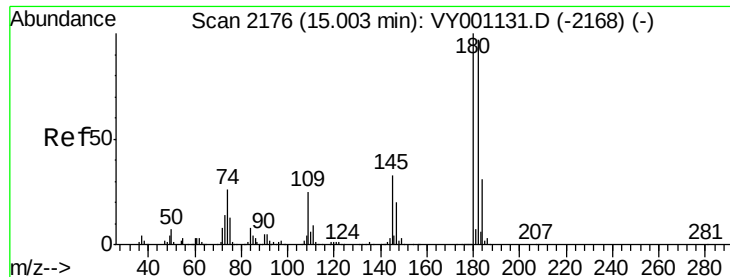
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 140.892 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY001133.D
 Acq: 02 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.2	50.4	151.3
157	136.2	64.0	192.0





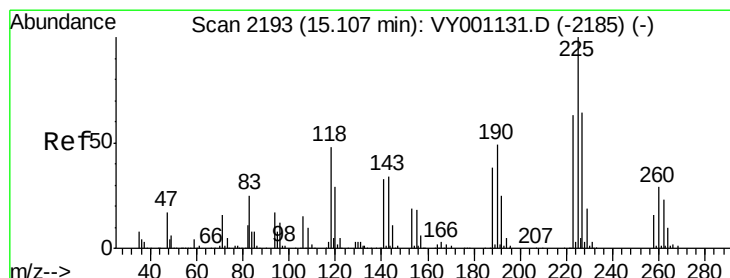
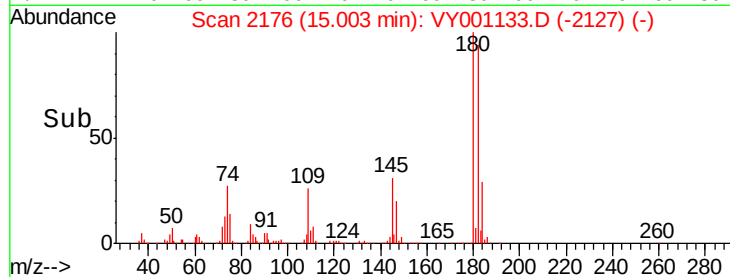
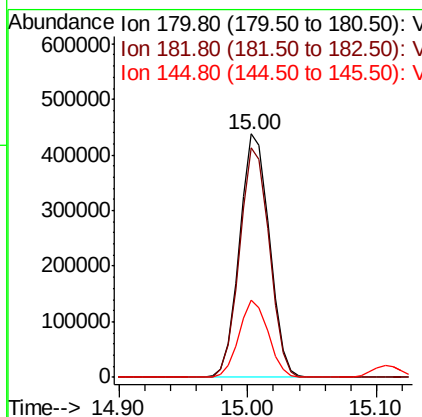
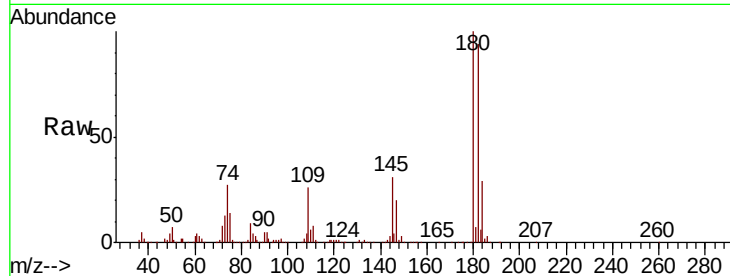
#93
 1,2,4-Trichlorobenzene
 Concen: 134.550 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY001133.D
 Acq: 02 Jan 2020 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion:	180	Resp:	700302
Ion Ratio	Lower	Upper	
180	100		
182	93.7	48.6	145.8
145	30.9	16.1	48.3

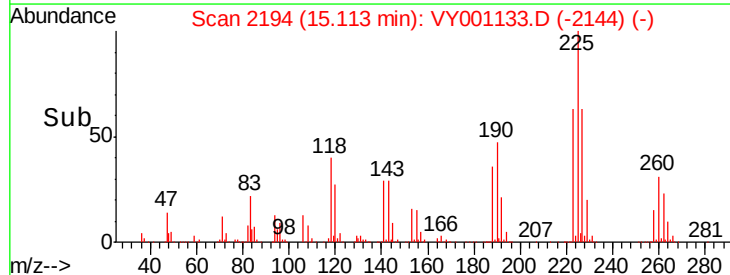
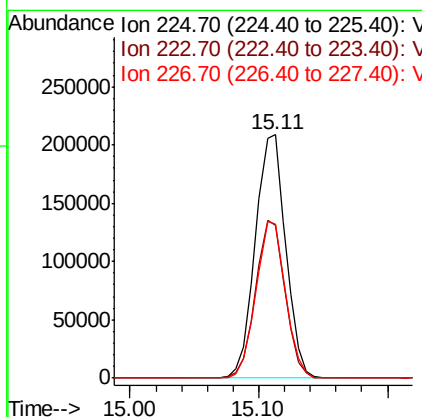
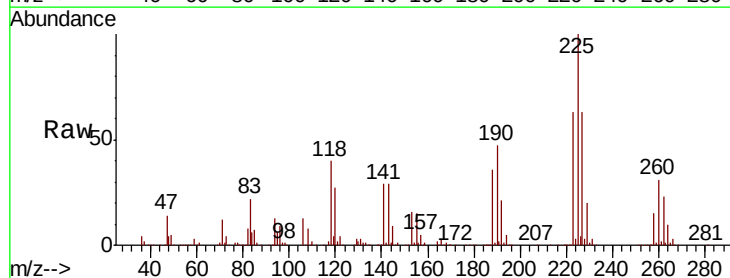
Manual Integrations
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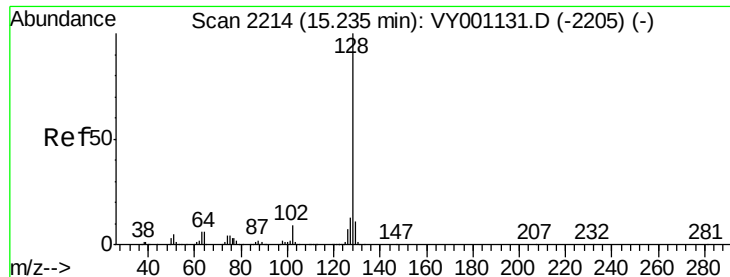
apatel
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#94
 Hexachlorobutadiene
 Concen: 127.169 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY001133.D
 Acq: 02 Jan 2020 12:29

Tgt Ion:	225	Resp:	338042
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.8	95.3
227	62.8	32.6	97.7





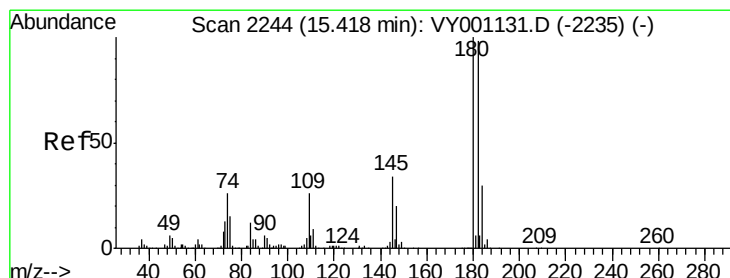
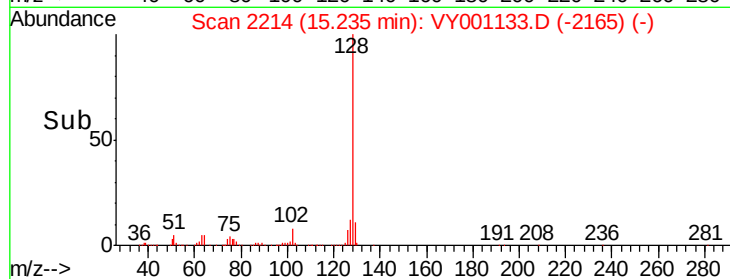
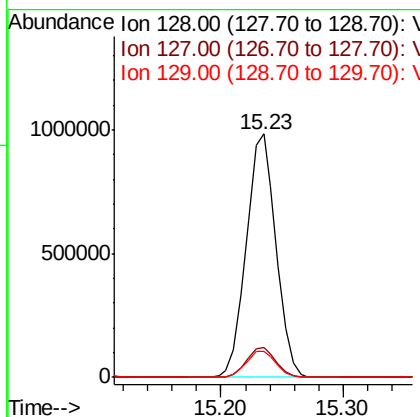
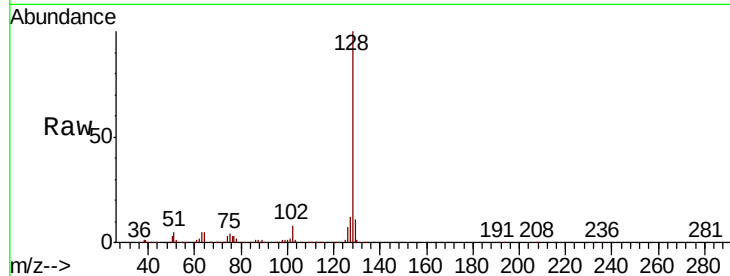
#95
Naphthalene
Concen: 140.415 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.1	15.1
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
1/3/2020 11:12:21 AM



#96
1,2,3-Trichlorobenzene
Concen: 135.627 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY001133.D
Acq: 02 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.8	143.3
145	32.2	16.5	49.5

