

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
 Data File : VY001128.D
 Acq On : 02 Jan 2020 10:42
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
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 1/3/2020 11:11:09 AM

Quant Time: Jan 02 13:03:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y010220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 02 12:11:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	363979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	585697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	429695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	249266	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	16174	4.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.20%	
35) Dibromofluoromethane	7.73	113	17790	5.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.28%	
50) Toluene-d8	10.18	98	66044	4.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.98%	
62) 4-Bromofluorobenzene	12.48	95	24415	4.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.94%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	10924	3.445	ug/l	94
3) Chloromethane	2.12	50	10334	2.618	ug/l	92
4) Vinyl Chloride	2.26	62	10775	2.794	ug/l #	85
5) Bromomethane	2.65	94	8103	3.374	ug/l #	75
6) Chloroethane	2.80	64	6394	2.669	ug/l #	83
7) Trichlorofluoromethane	3.13	101	26684	4.450	ug/l	94
8) Diethyl Ether	3.54	74	9068	3.820	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	15063	3.839	ug/l	96
10) Methyl Iodide	4.10	142	21967	3.935	ug/l	94
11) Tert butyl alcohol	4.97	59	9705	25.223	ug/l #	87
12) 1,1-Dichloroethene	3.88	96	16405	4.115	ug/l #	89
13) Acrolein	3.73	56	6823m	15.425	ug/l	
14) Allyl chloride	4.49	41	18133	2.977	ug/l	96
15) Acrylonitrile	5.18	53	20375	16.862	ug/l	100
16) Acetone	3.97	43	18036	23.129	ug/l #	81
17) Carbon Disulfide	4.21	76	45439	3.471	ug/l	98
18) Methyl Acetate	4.49	43	9938	3.278	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	42145	4.048	ug/l	97
20) Methylene Chloride	4.73	84	24331	5.008	ug/l	89
21) trans-1,2-Dichloroethene	5.24	96	19382	4.277	ug/l #	81
22) Diisopropyl ether	6.13	45	33997	2.772	ug/l #	92
23) Vinyl Acetate	6.07	43	103440	13.397	ug/l #	86
24) 1,1-Dichloroethane	6.04	63	23500	3.179	ug/l	97
25) 2-Butanone	7.00	43	26622	19.280	ug/l	98
26) 2,2-Dichloropropane	7.00	77	30726	4.948	ug/l	96
27) cis-1,2-Dichloroethene	7.00	96	22906	4.611	ug/l	95
28) Bromochloromethane	7.35	49	8787	3.122	ug/l	94
29) Tetrahydrofuran	7.36	42	16761	17.155	ug/l	96
30) Chloroform	7.52	83	33219	4.679	ug/l	90
31) Cyclohexane	7.80	56	34308	4.418	ug/l #	80
32) 1,1,1-Trichloroethane	7.71	97	31584	5.119	ug/l	98
36) 1,1-Dichloropropene	7.93	75	26757	4.789	ug/l	100
37) Ethyl Acetate	7.10	43	11504	3.867	ug/l #	70
38) Carbon Tetrachloride	7.91	117	27949	5.551	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	37566	5.039	ug/l	97
40) Benzene	8.18	78	83854	4.967	ug/l	100
41) Methacrylonitrile	7.33	41	5974	4.796	ug/l #	21
42) 1,2-Dichloroethane	8.25	62	20640	5.147	ug/l	96
43) Isopropyl Acetate	8.28	43	21559	3.920	ug/l	99
44) Trichloroethene	8.94	130	25652	5.652	ug/l	90
45) 1,2-Dichloropropane	9.22	63	18259	4.405	ug/l	98
46) Dibromomethane	9.32	93	11019	5.095	ug/l	96
47) Bromodichloromethane	9.50	83	23405	4.689	ug/l #	94
48) Methyl methacrylate	9.30	41	9468	4.063	ug/l	96
49) 1,4-Dioxane	9.32	88	3510	111.141	ug/l #	94
51) 4-Methyl-2-Pentanone	10.08	43	45554	16.151	ug/l	98
52) Toluene	10.25	92	50750	4.921	ug/l	93
53) t-1,3-Dichloropropene	10.47	75	24089	4.462	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	27950	4.339	ug/l #	90
55) 1,1,2-Trichloroethane	10.64	97	15755	4.838	ug/l	93
56) Ethyl methacrylate	10.51	69	18803	4.142	ug/l	98
57) 1,3-Dichloropropane	10.80	76	20735	3.676	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	39705	22.840	ug/l	99
59) 2-Hexanone	10.83	43	29588	14.965	ug/l	94
60) Dibromochloromethane	10.99	129	15808	4.481	ug/l	100
61) 1,2-Dibromoethane	11.09	107	13437	4.298	ug/l	99
64) Tetrachloroethene	10.72	164	23191	6.042	ug/l	86
65) Chlorobenzene	11.52	112	49587	5.467	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	16855	5.591	ug/l	98
67) Ethyl Benzene	11.60	91	82778	5.103	ug/l	96
68) m/p-Xylenes	11.70	106	66523	10.753	ug/l	99
69) o-Xylene	12.03	106	33344	5.730	ug/l	99
70) Styrene	12.04	104	53464	5.402	ug/l	98
71) Bromoform	12.21	173	10285	6.134	ug/l #	100
73) Isopropylbenzene	12.33	105	93950	4.827	ug/l	100
74) N-amyl acetate	12.14	43	15761	3.241	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	16348	4.365	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	12606m	4.118	ug/l	
77) Bromobenzene	12.61	156	23374	5.300	ug/l	97
78) n-propylbenzene	12.67	91	114988	4.865	ug/l	97
79) 2-Chlorotoluene	12.75	91	64792	4.975	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	86655	5.421	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.38	75	5843	4.110	ug/l	96
82) 4-Chlorotoluene	12.85	91	67089	4.979	ug/l	99
83) tert-Butylbenzene	13.08	119	73646	5.446	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	92707	5.790	ug/l	95
85) sec-Butylbenzene	13.25	105	101905	5.156	ug/l	100
86) p-Isopropyltoluene	13.37	119	94722	5.525	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	47942	5.691	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	47002	5.527	ug/l	93
89) n-Butylbenzene	13.70	91	88784	5.211	ug/l	99
90) Hexachloroethane	13.96	117	16337	5.091	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	43224	5.568	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	3531	5.661	ug/l	75

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ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
VSTDICC005

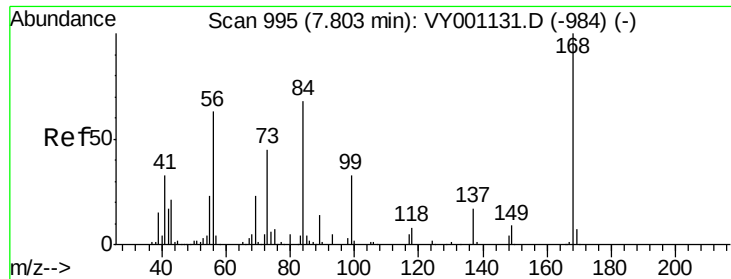
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Jan 02 12:11:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	29588	5.637	ug/l	95
94) Hexachlorobutadiene	15.11	225	15637	6.183	ug/l	100
95) Naphthalene	15.23	128	67839	5.553	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	26782	5.721	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: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 363979

Ion Ratio Lower Upper

168 100

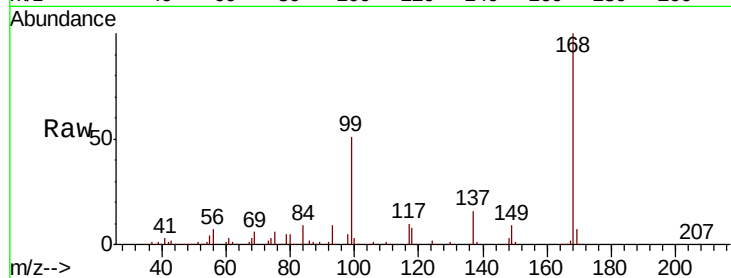
99 50.9 42.5 63.7

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

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

7.80

150000

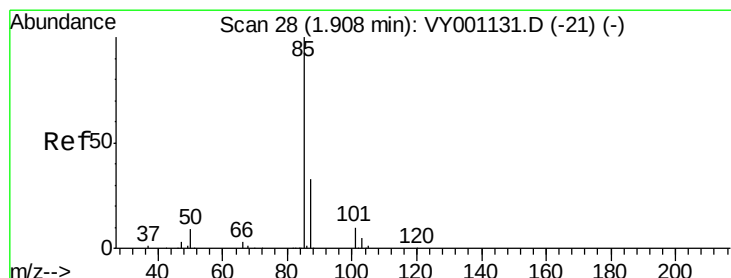
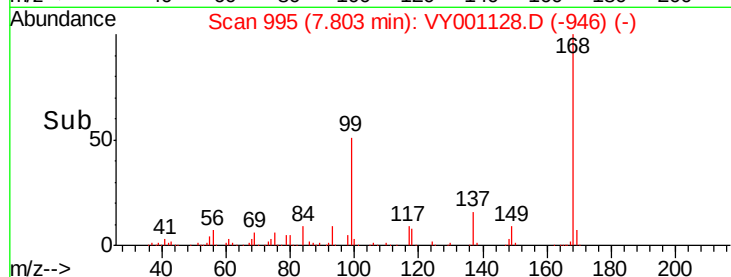
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 3.445 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY001128.D

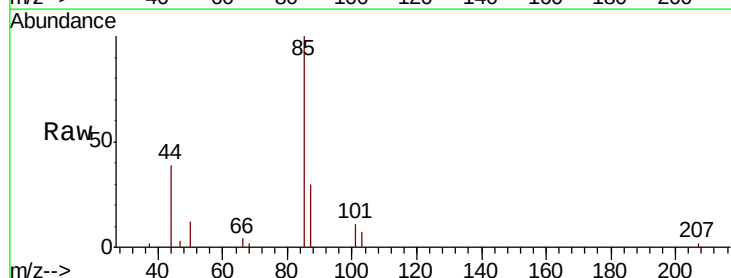
Acq: 02 Jan 2020 10:42

Tgt Ion: 85 Resp: 10924

Ion Ratio Lower Upper

85 100

87 29.6 16.6 49.7



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

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

1.91

8000

6000

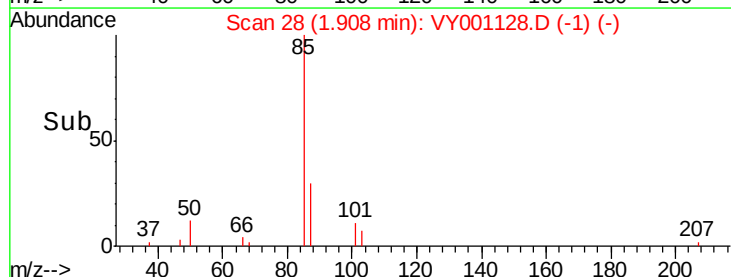
4000

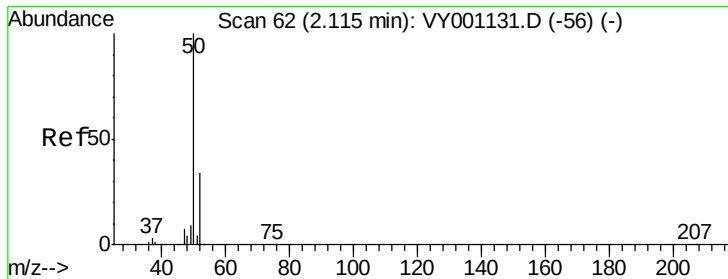
2000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 2.618 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 10334

Ion Ratio Lower Upper

50 100

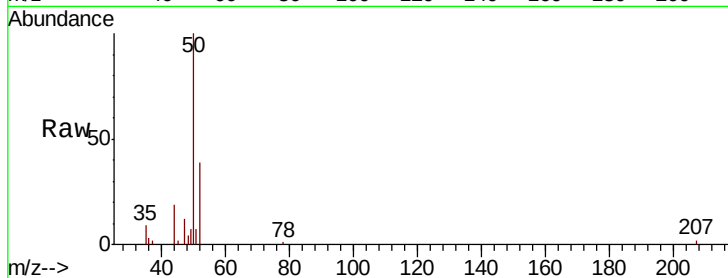
52 38.9 27.3 40.9

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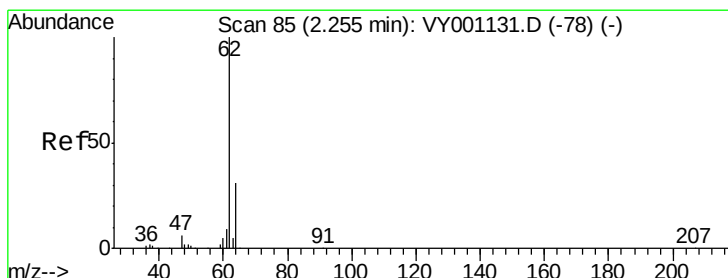
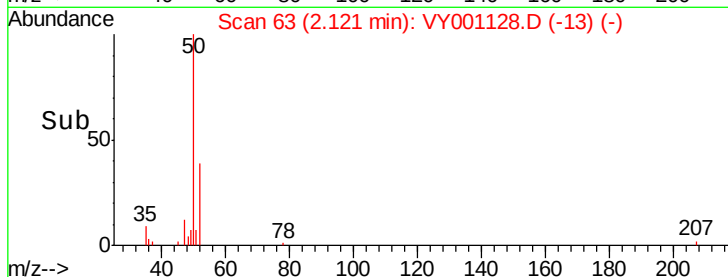
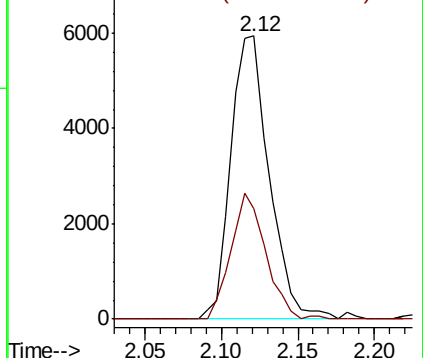
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 2.794 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY001128.D

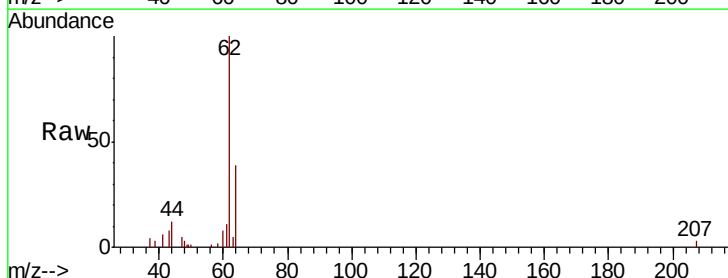
Acq: 02 Jan 2020 10:42

Tgt Ion: 62 Resp: 10775

Ion Ratio Lower Upper

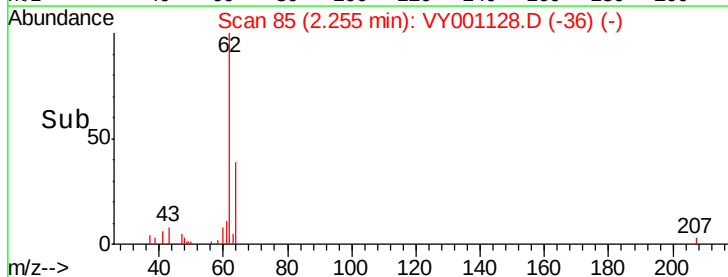
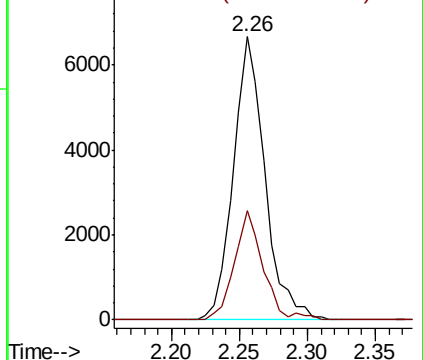
62 100

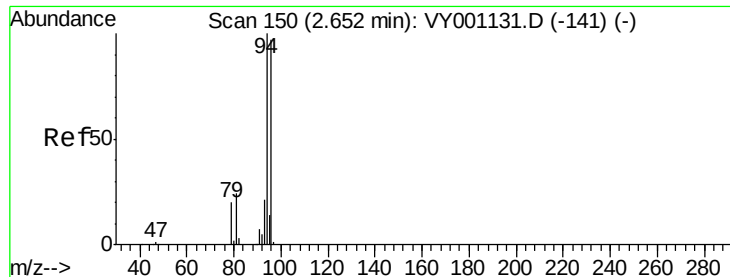
64 38.5 24.4 36.6#



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 3.374 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 8103

Ion Ratio Lower Upper

94 100

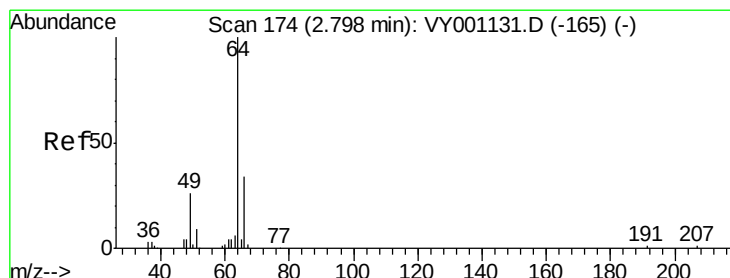
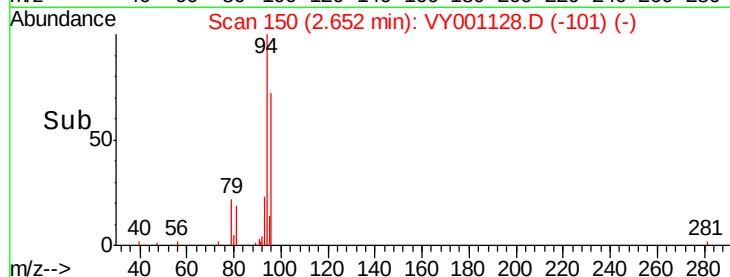
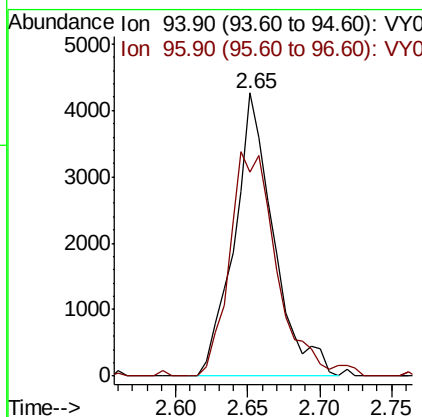
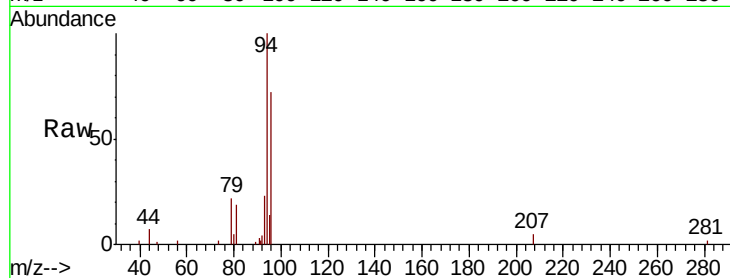
96 72.0 77.3 115.9#

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#6

Chloroethane

Concen: 2.669 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY001128.D

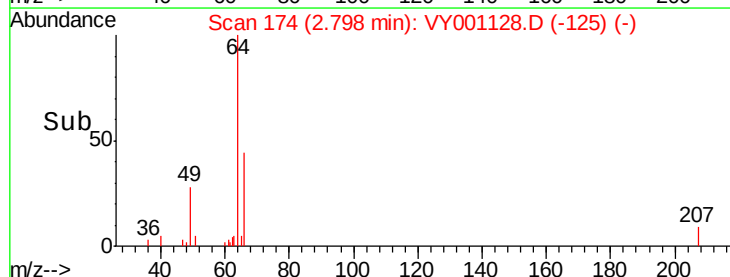
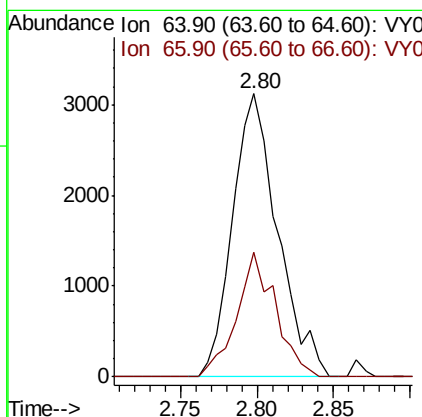
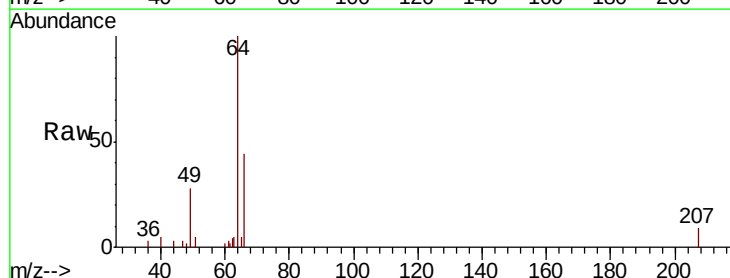
Acq: 02 Jan 2020 10:42

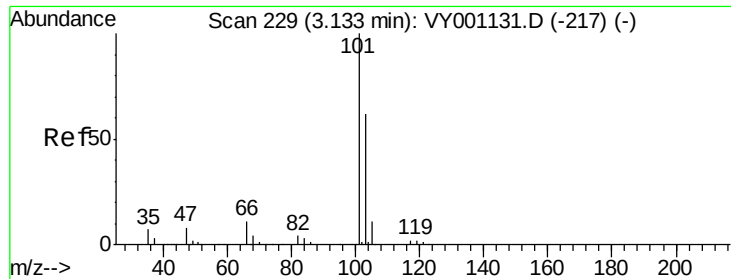
Tgt Ion: 64 Resp: 6394

Ion Ratio Lower Upper

64 100

66 44.1 27.4 41.0#





#7

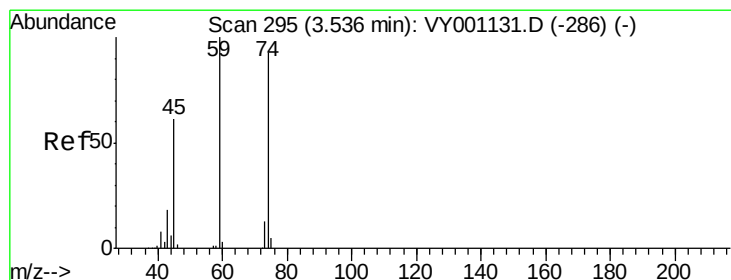
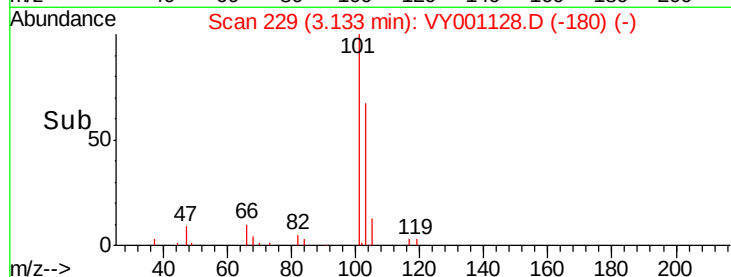
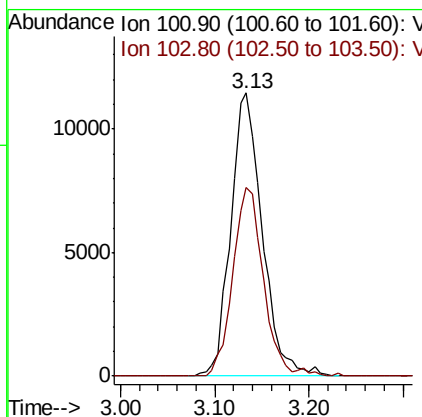
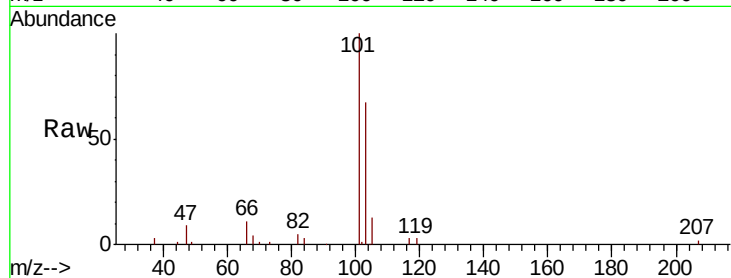
Trichlorofluoromethane
Concen: 4.450 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
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VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		26684		
103	66.5	49.7	74.5		

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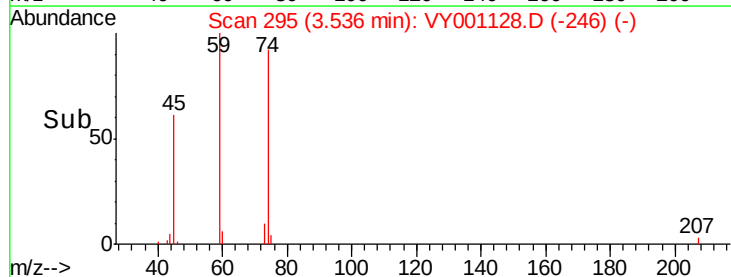
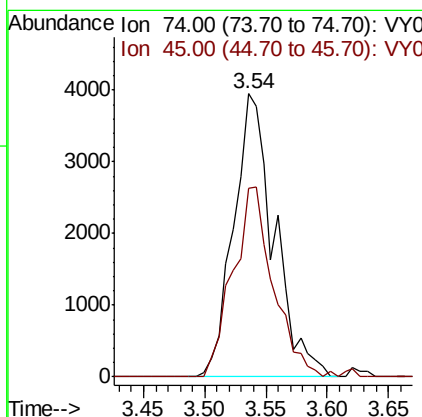
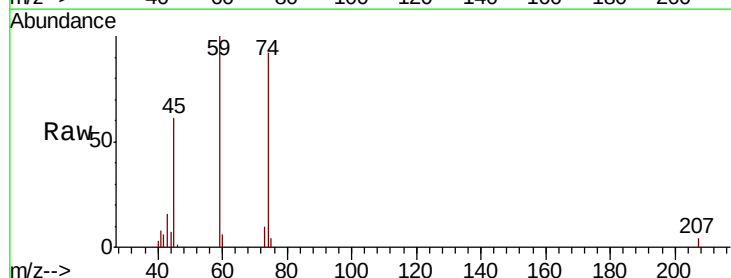
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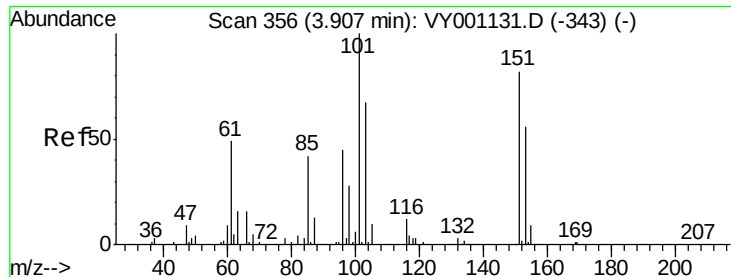


#8

Diethyl Ether
Concen: 3.820 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		9068		
45	66.8	33.2	99.6		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.839 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

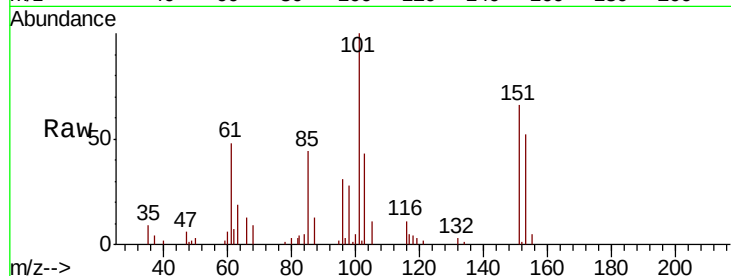
ClientSampleId :

VSTDIC005

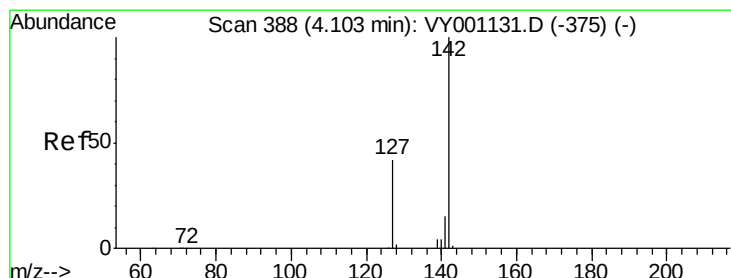
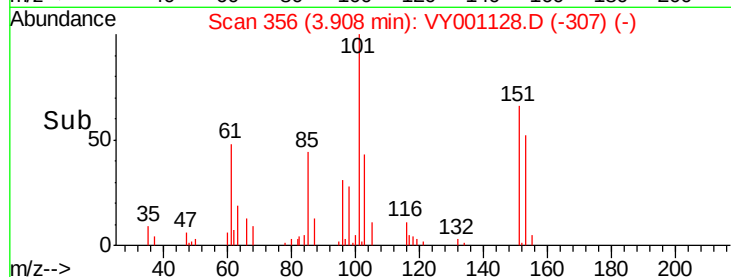
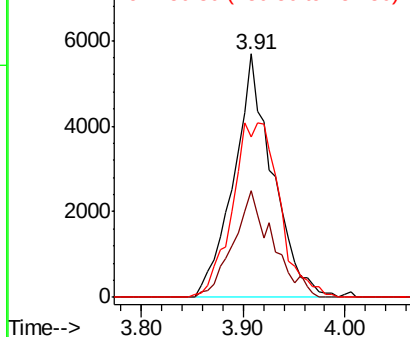
Tot Ion:	101	Resp:	15063
Ion Ratio	Lower	Upper	
101	100		
85	44.7	32.8	49.2
151	86.9	67.4	101.0

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3.935 ug/l

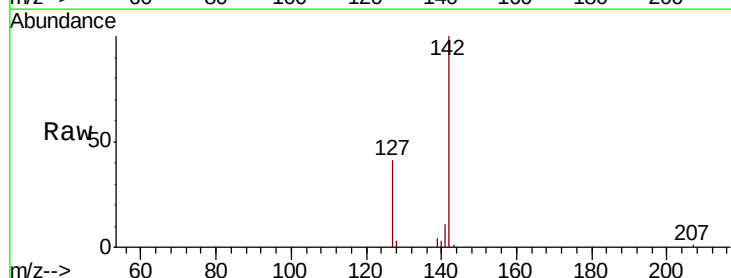
RT: 4.10 min Scan# 388

Delta R.T. 0.00 min

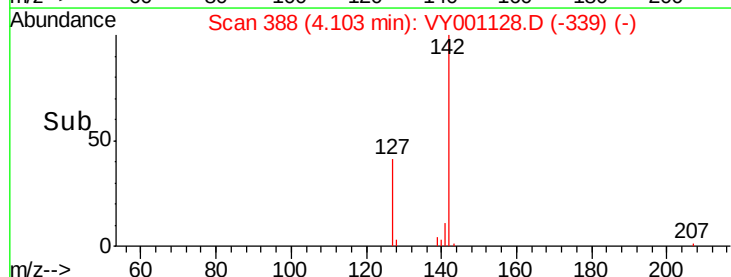
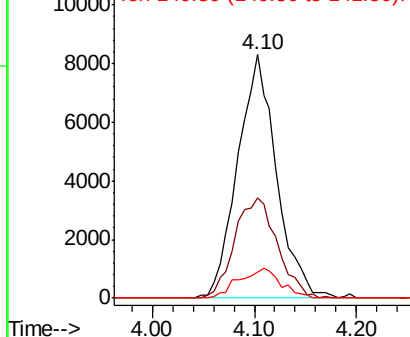
Lab File: VY001128.D

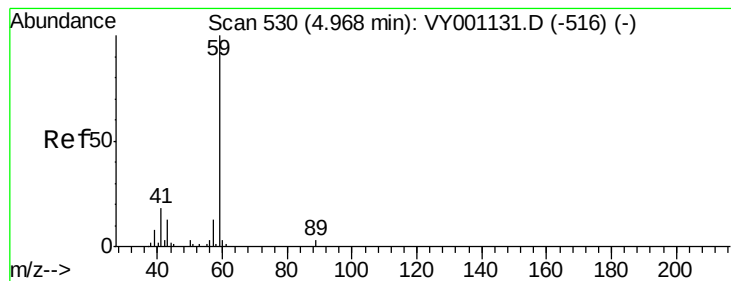
Acq: 02 Jan 2020 10:42

Tgt Ion:	142	Resp:	21967
Ion Ratio	Lower	Upper	
142	100		
127	45.1	32.2	48.4
141	13.2	11.1	16.7



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

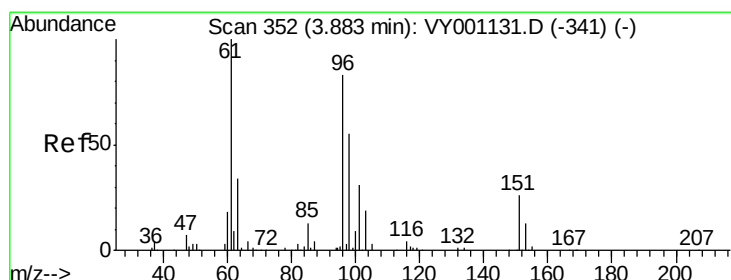
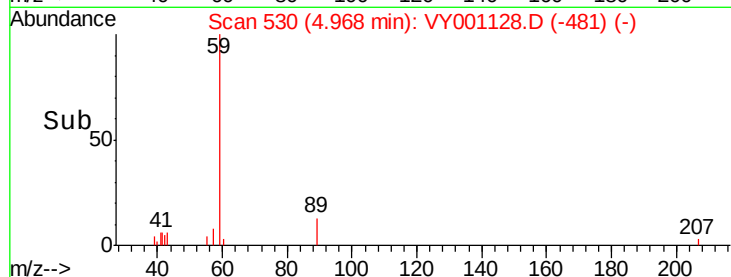
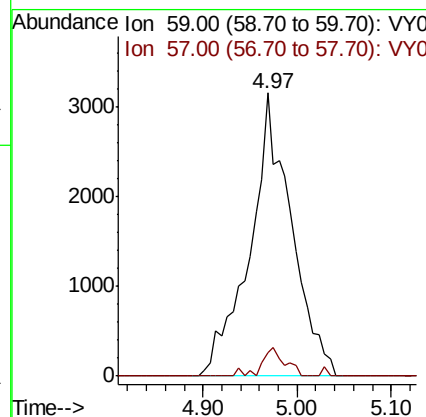
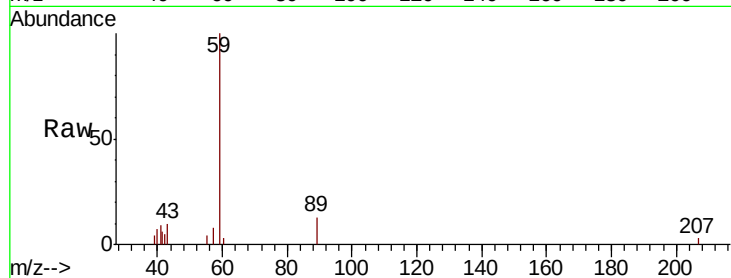
Tert butyl alcohol
 Concen: 25.223 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.1	7.8	11.6#

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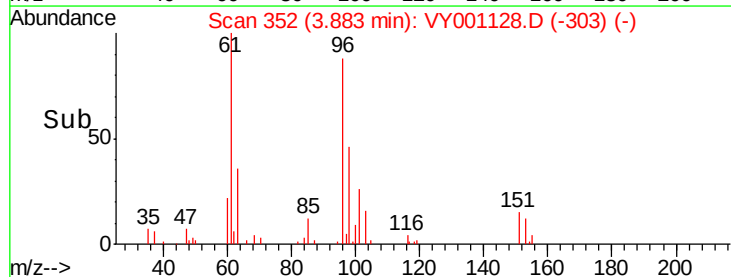
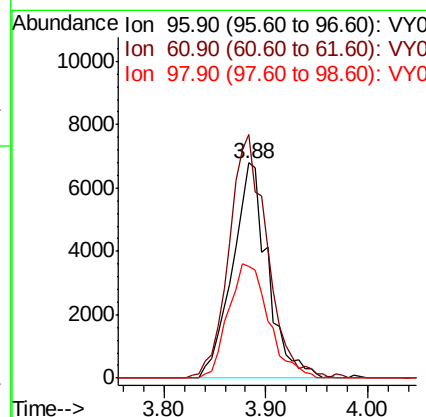
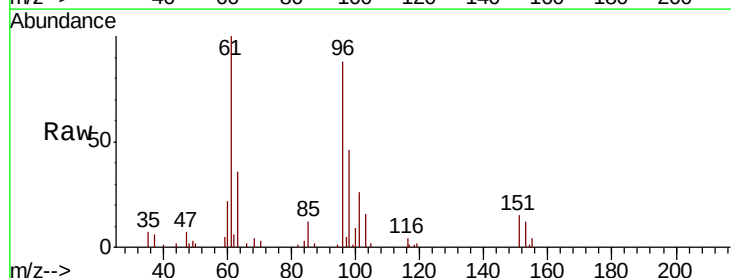
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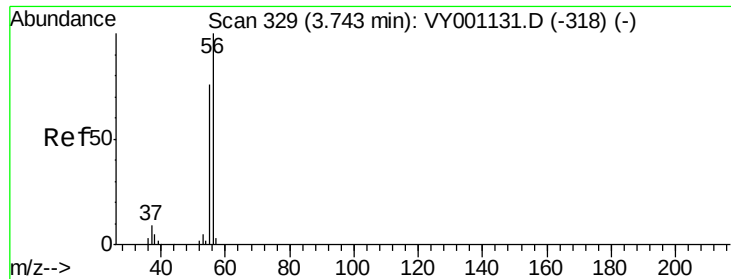


#12

1,1-Dichloroethene
 Concen: 4.115 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	111.9	96.2	144.4
98	52.3	52.8	79.2#





#13

Acrolein

Concen: 15.425 ug/l m

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 6823

Ion Ratio Lower Upper

56 100

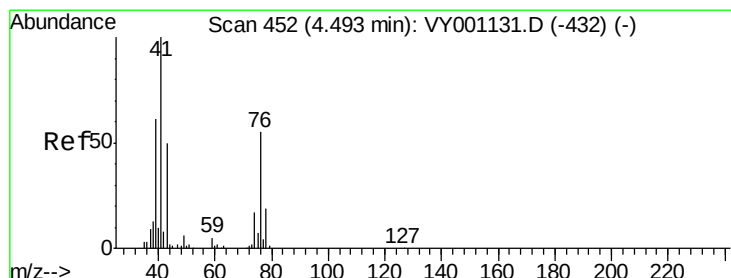
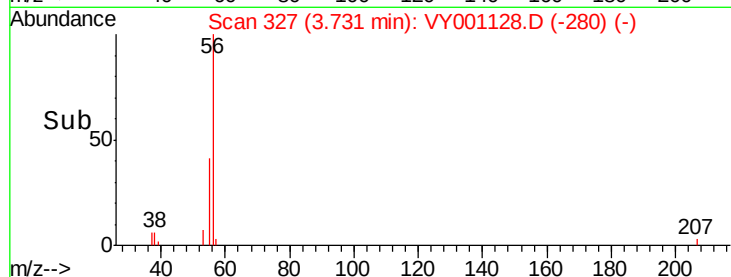
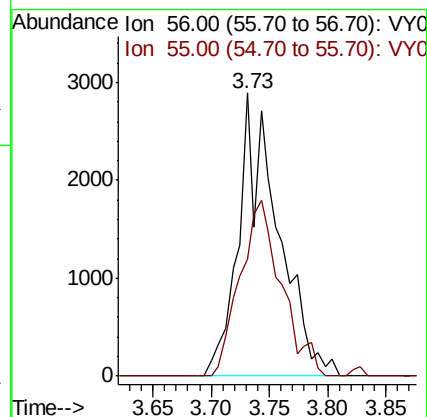
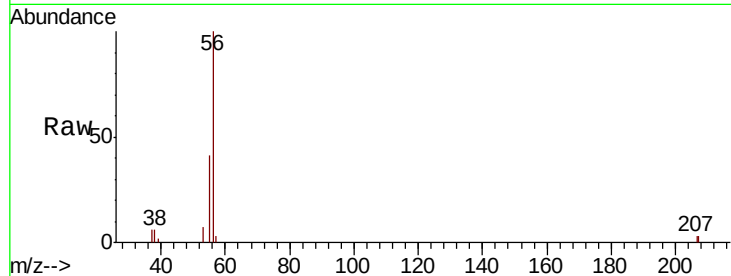
55 64.9 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 2.977 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

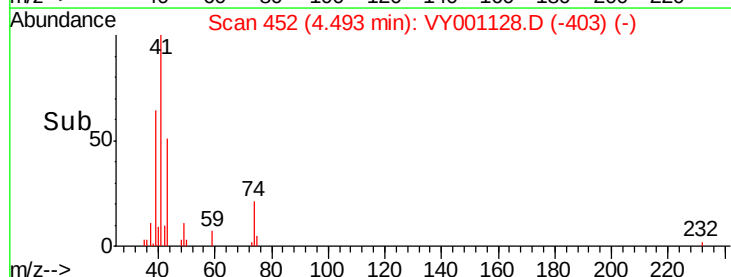
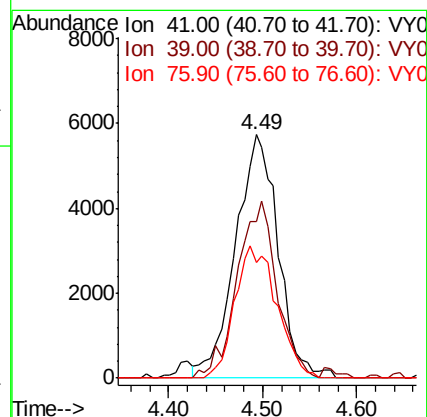
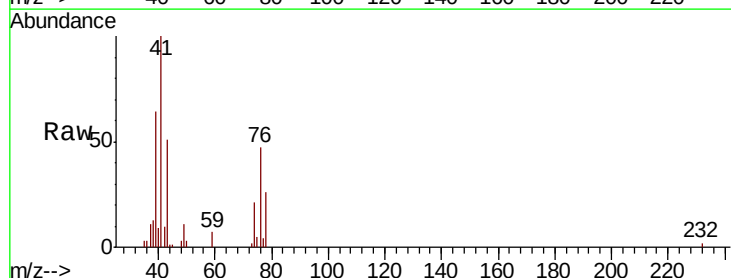
Tgt Ion: 41 Resp: 18133

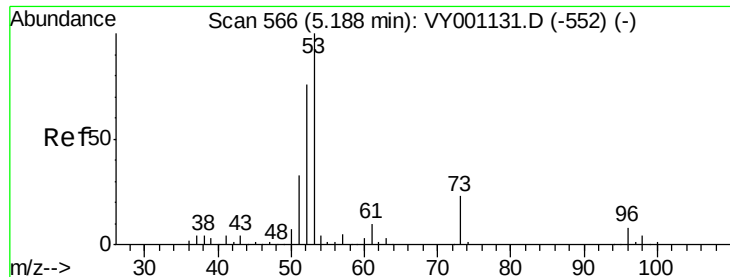
Ion Ratio Lower Upper

41 100

39 67.9 50.1 75.1

76 53.3 42.1 63.1





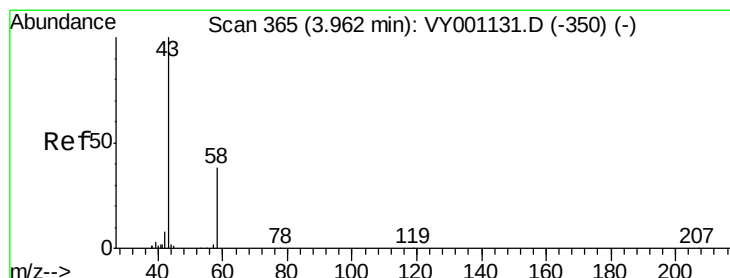
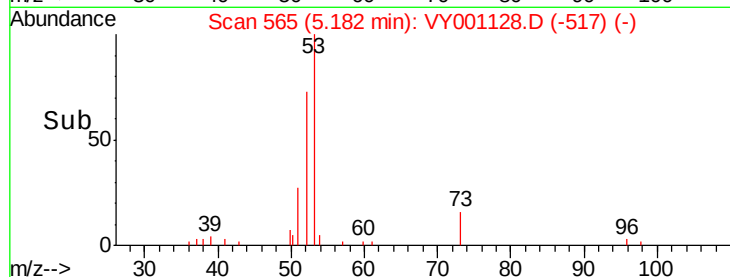
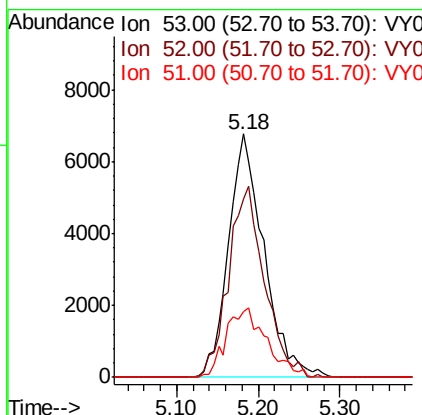
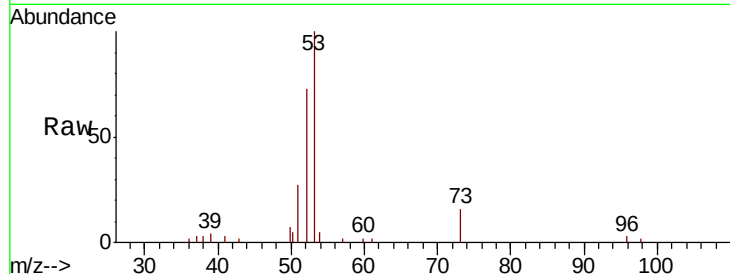
#15
 Acrylonitrile
 Concen: 16.862 ug/l
 RT: 5.18 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
53	100		
52	79.1	63.0	94.4
51	32.8	26.1	39.1

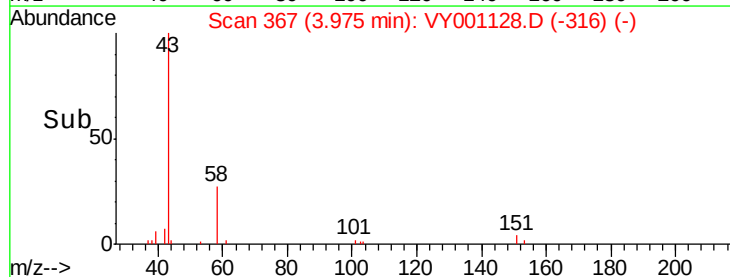
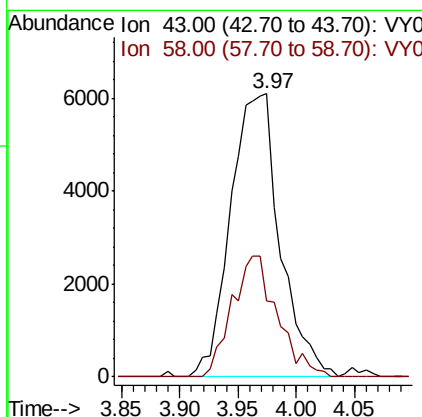
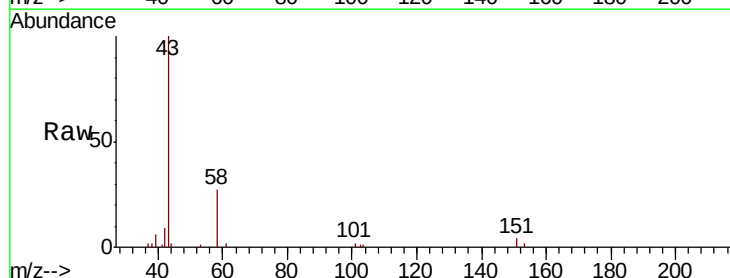
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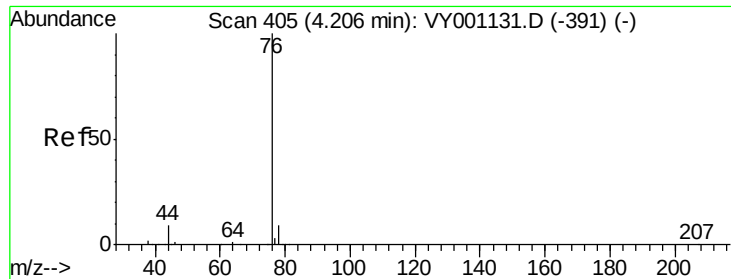
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#16
 Acetone
 Concen: 23.129 ug/l
 RT: 3.97 min Scan# 367
 Delta R.T. 0.01 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.7	30.6	46.0#





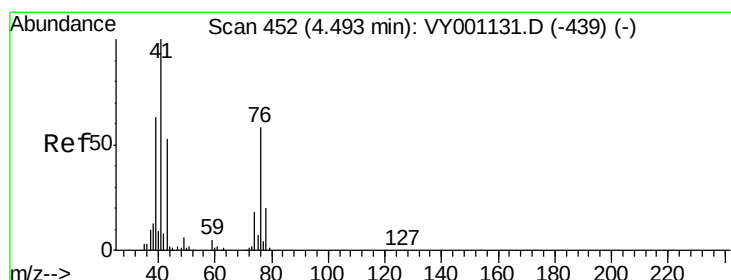
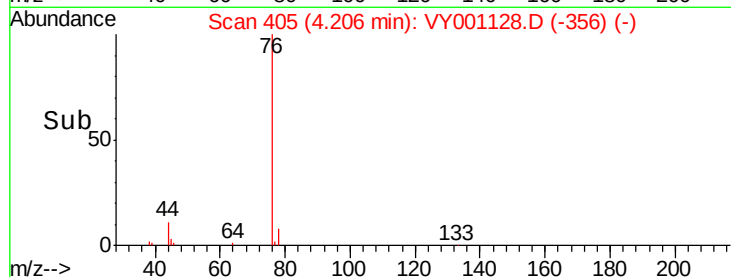
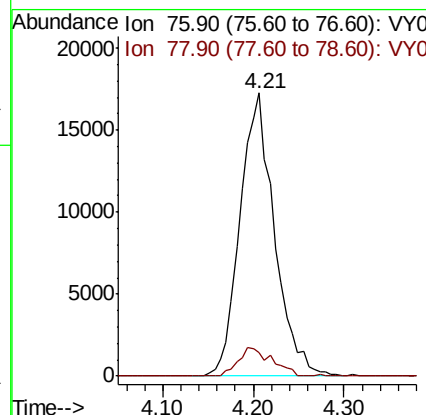
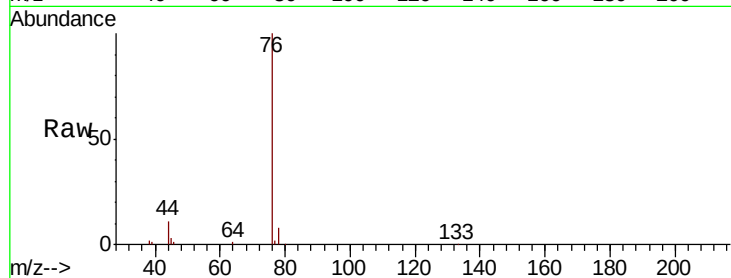
#17
Carbon Disulfide
Concen: 3.471 ug/l
RT: 4.21 min Scan# 405
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.4	11.0

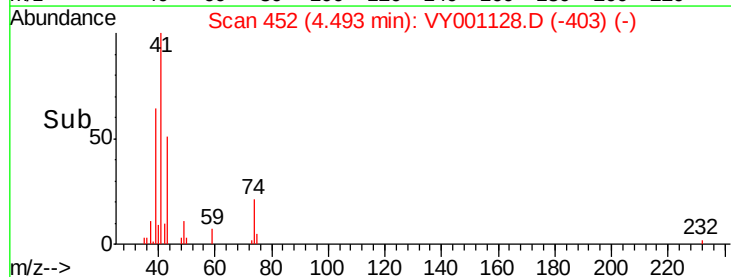
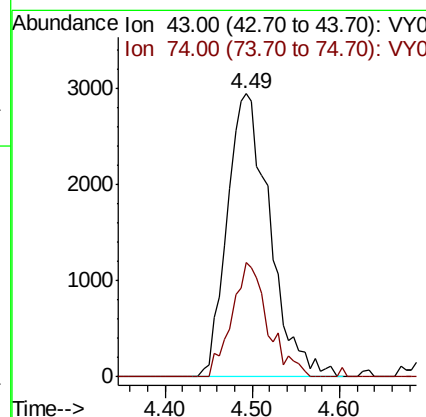
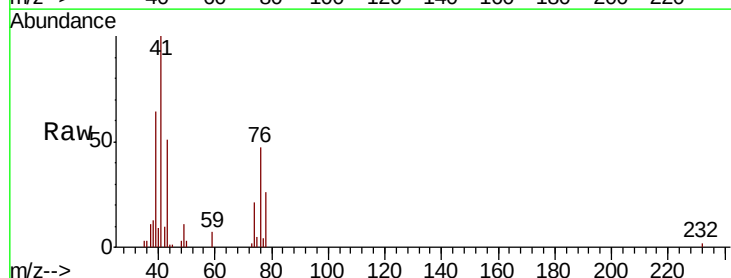
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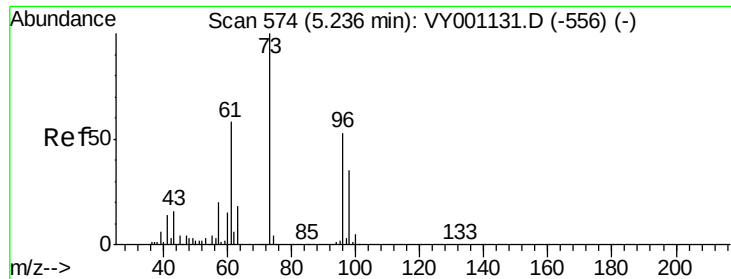
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#18
Methyl Acetate
Concen: 3.278 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	34.3	27.3	40.9





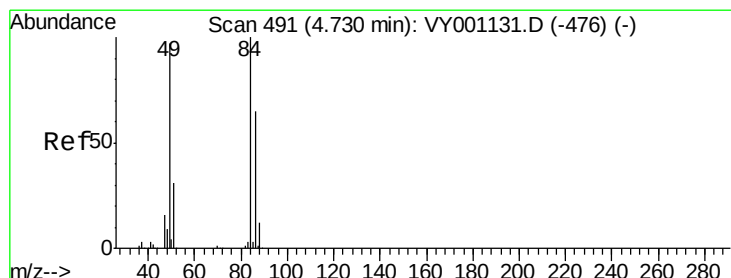
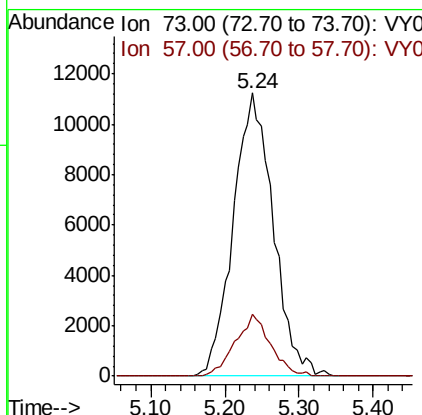
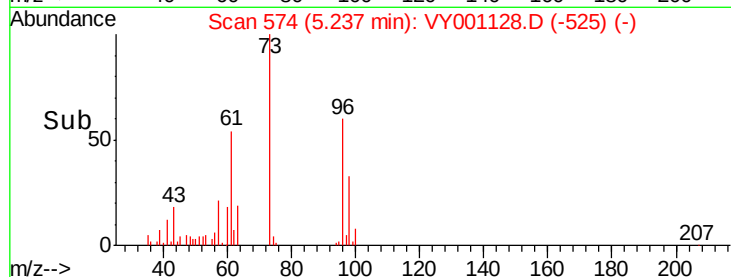
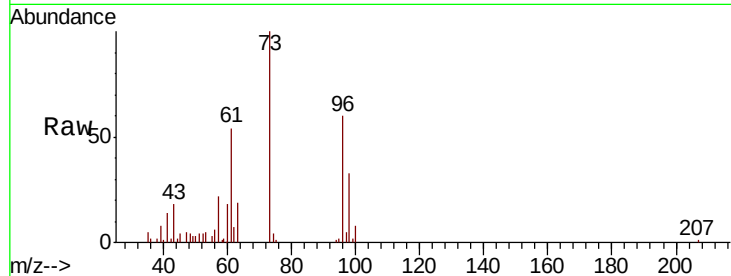
#19
Methyl tert-butyl Ether
Concen: 4.048 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC005

Tot Ion: 73 Resp: 42145
Ion Ratio Lower Upper
73 100
57 21.7 16.3 24.5

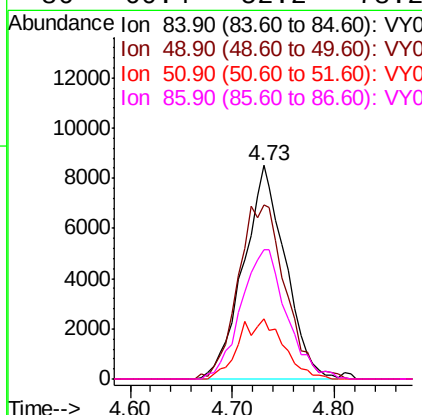
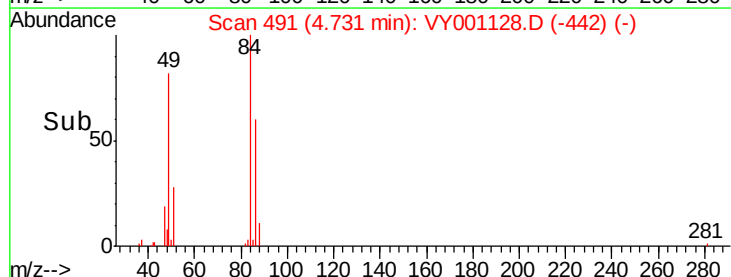
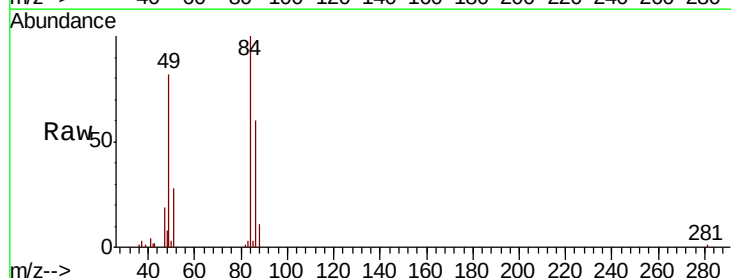
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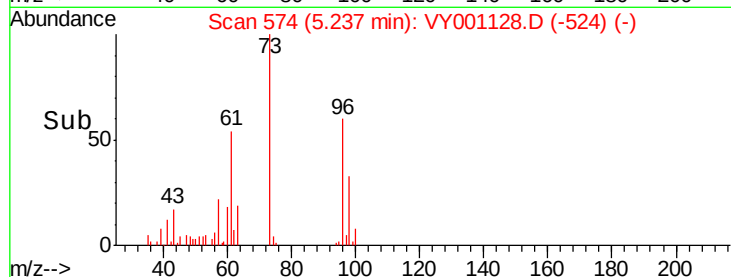
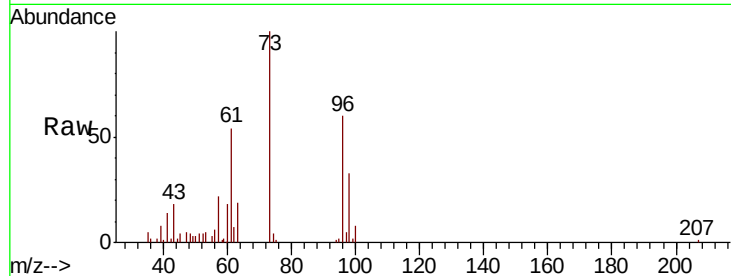
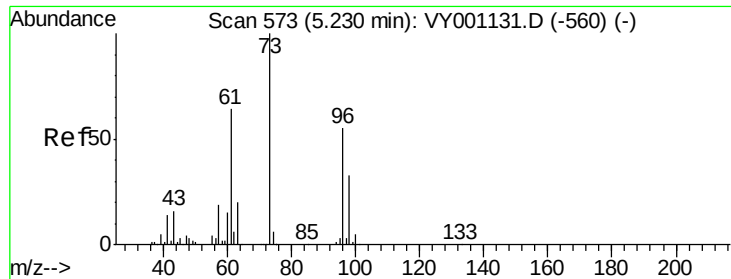
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#20
Methylene Chloride
Concen: 5.008 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion: 84 Resp: 24331
Ion Ratio Lower Upper
84 100
49 81.6 77.5 116.3
51 28.0 24.7 37.1
86 60.4 52.2 78.2





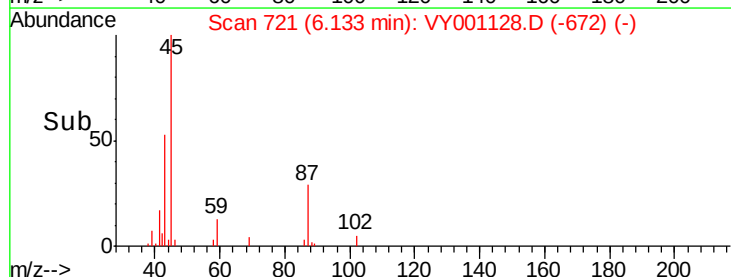
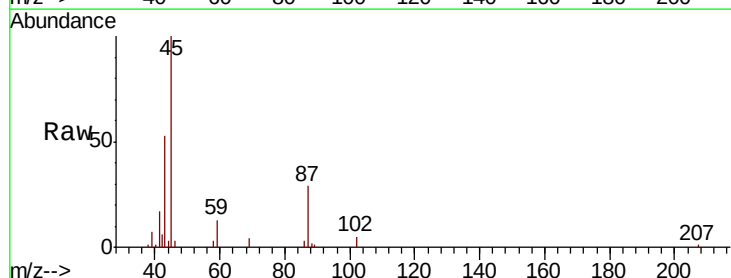
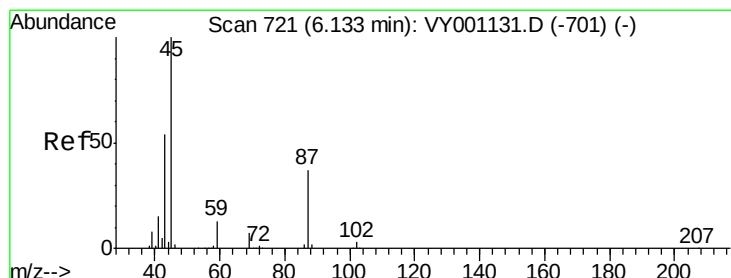
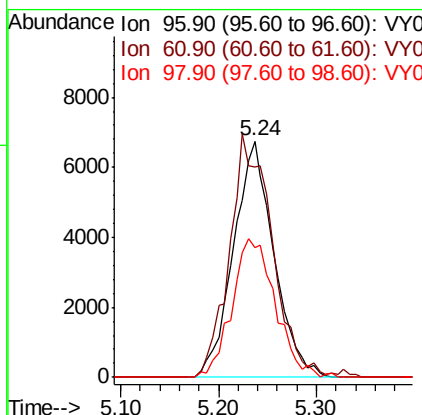
#21
trans-1,2-Dichloroethene
Concen: 4.277 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tot Ion	Ratio	Lower	Upper
96	100		
61	89.1	93.2	139.8#
98	54.9	48.8	73.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

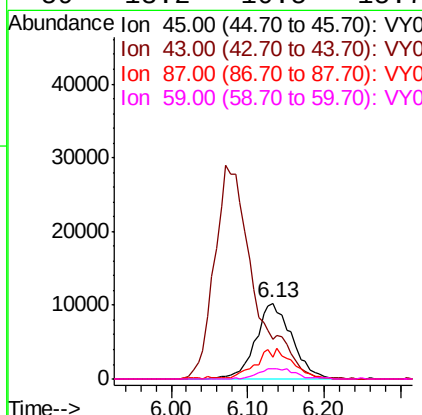
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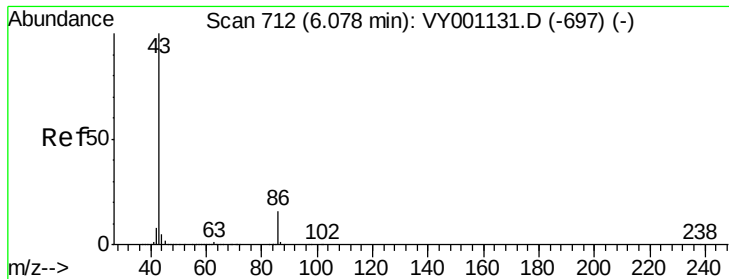
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#22
Diisopropyl ether
Concen: 2.772 ug/l
RT: 6.13 min Scan# 721
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
45	100		
43	51.1	43.7	65.5
87	29.1	30.0	45.0#
59	13.2	10.5	15.7





#23

Vinyl Acetate

Concen: 13.397 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 103440

Ion Ratio Lower Upper

43 100

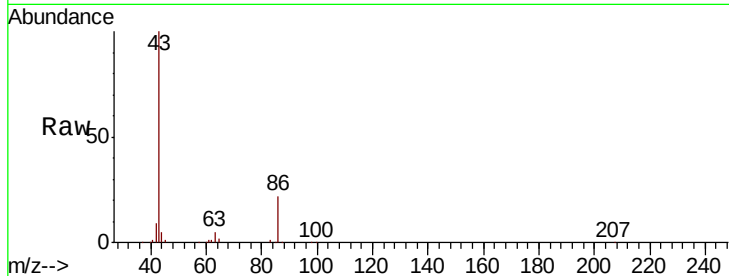
86 21.8 12.6 18.8#

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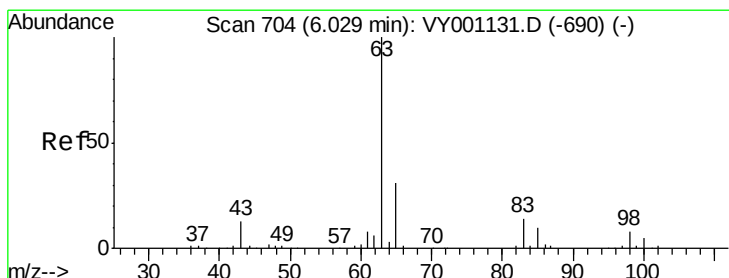
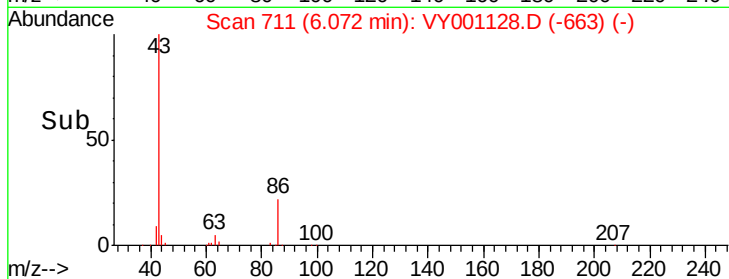
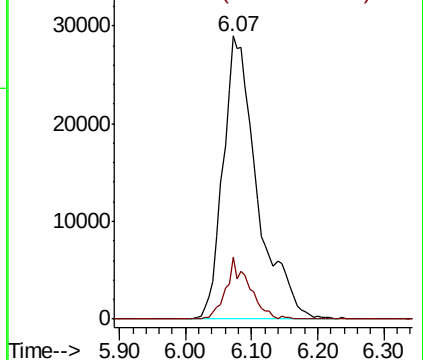
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 3.179 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

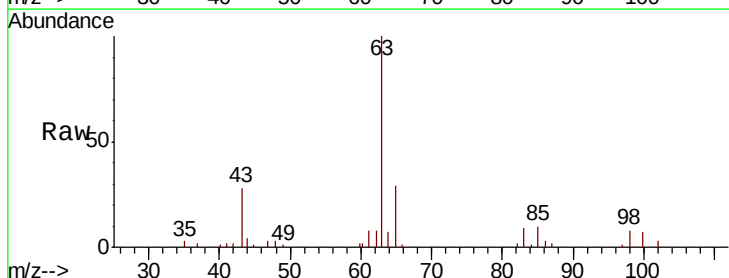
Tgt Ion: 63 Resp: 23500

Ion Ratio Lower Upper

63 100

98 7.7 4.1 12.3

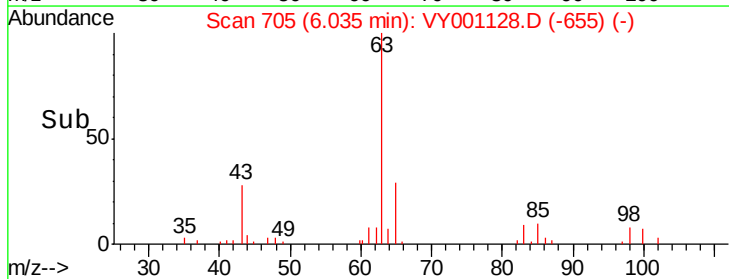
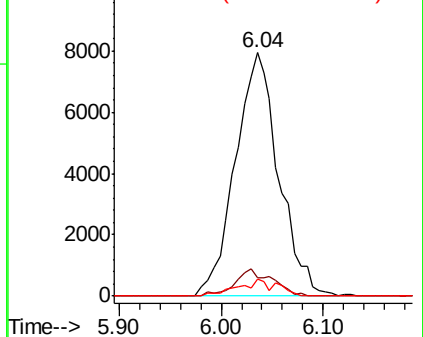
100 6.9 2.5 7.6

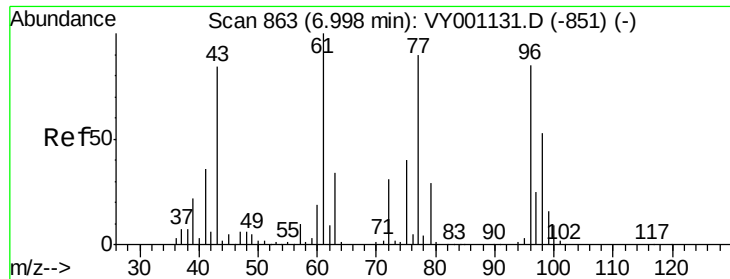


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





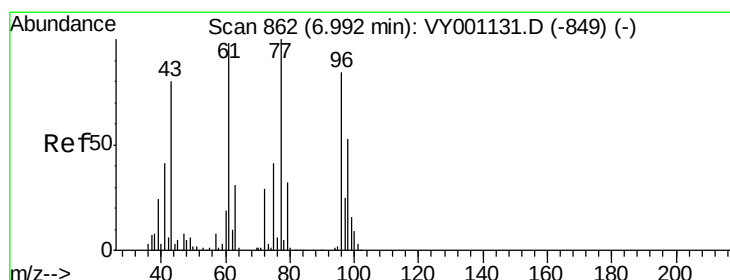
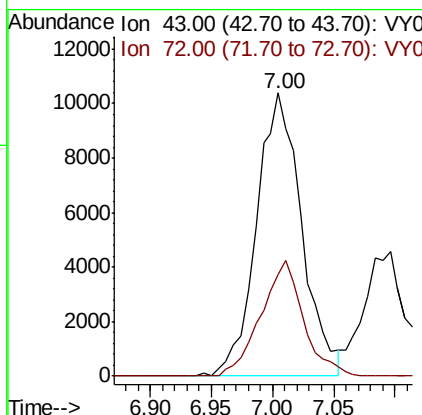
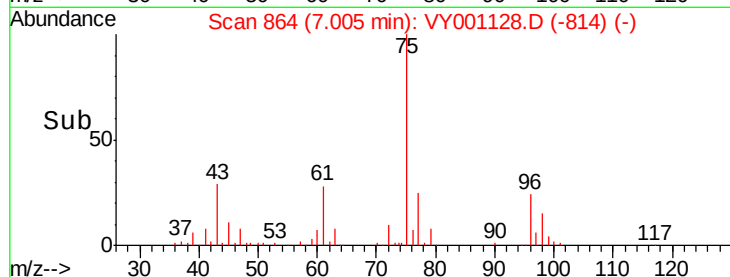
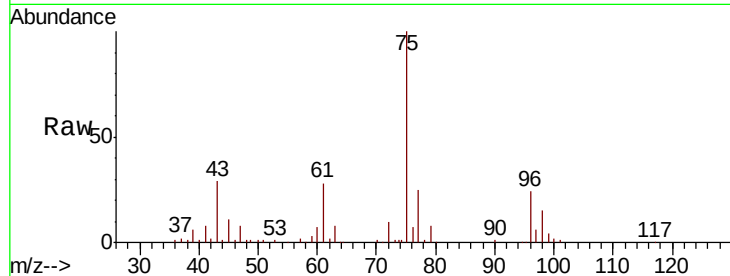
#25
2-Butanone
Concen: 19.280 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC005

Tot Ion: 43 Resp: 26622
Ion Ratio Lower Upper
43 100
72 35.8 29.5 44.3

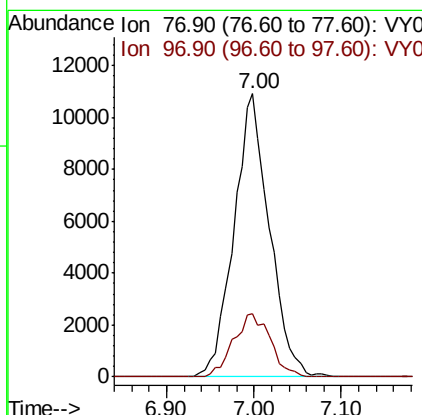
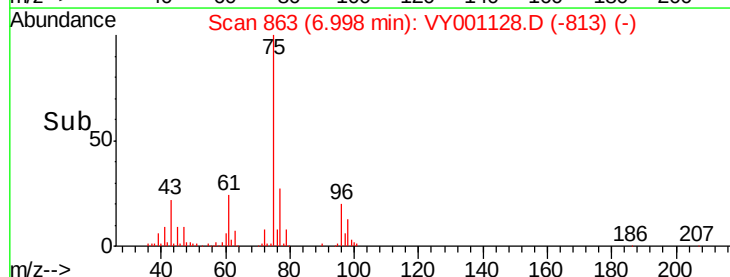
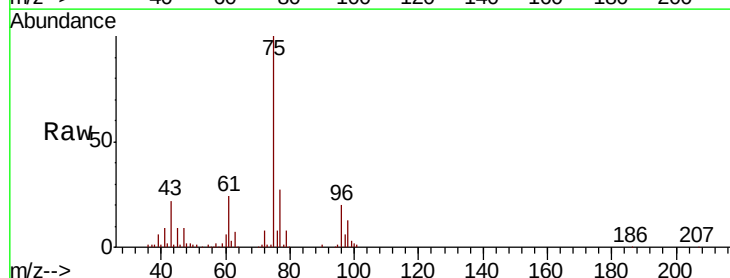
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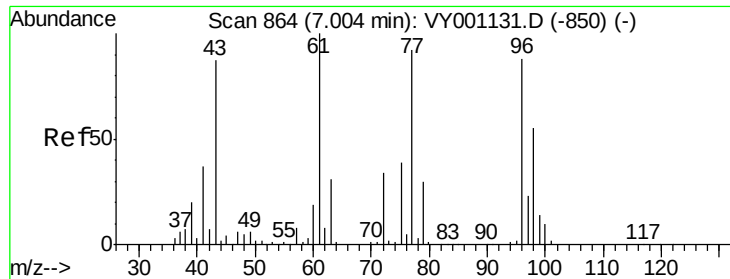
apatel
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#26
2,2-Dichloropropane
Concen: 4.948 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion: 77 Resp: 30726
Ion Ratio Lower Upper
77 100
97 23.2 12.6 37.6





#27

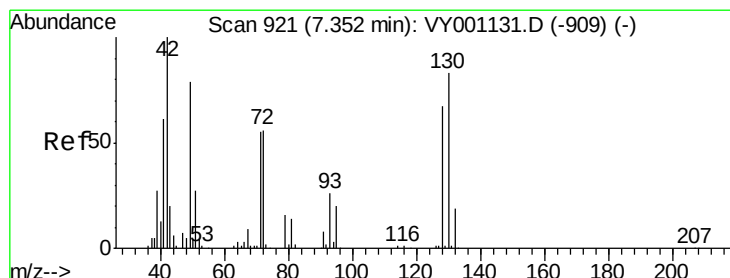
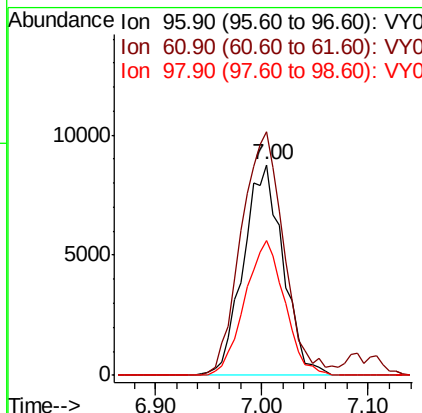
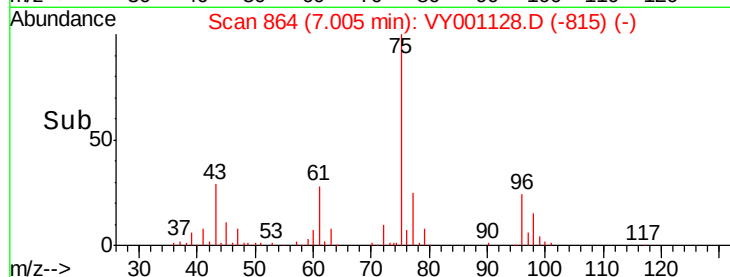
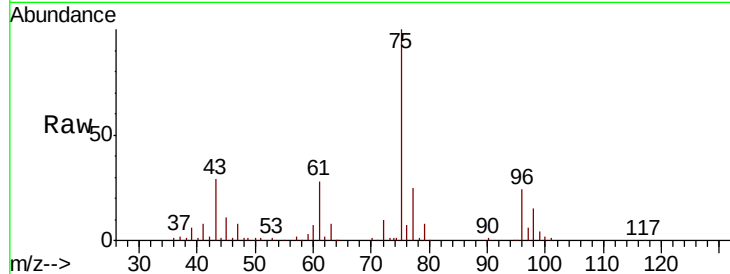
cis-1,2-Dichloroethene
Concen: 4.611 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.7	0.0	235.0
98	64.3	0.0	127.4

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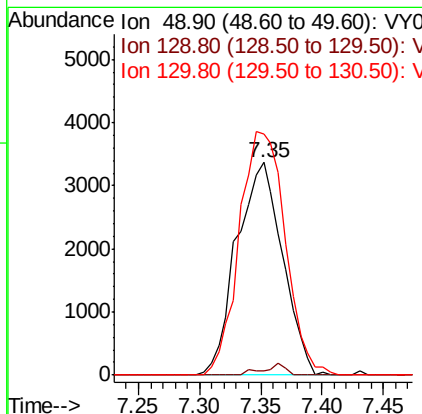
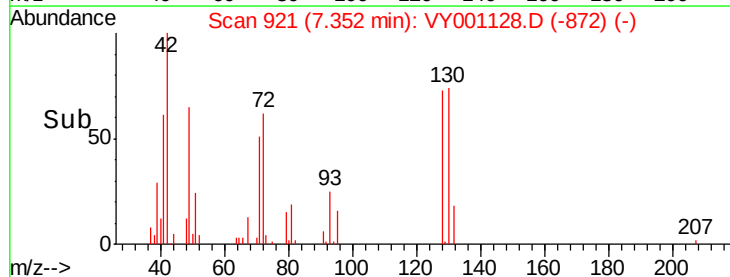
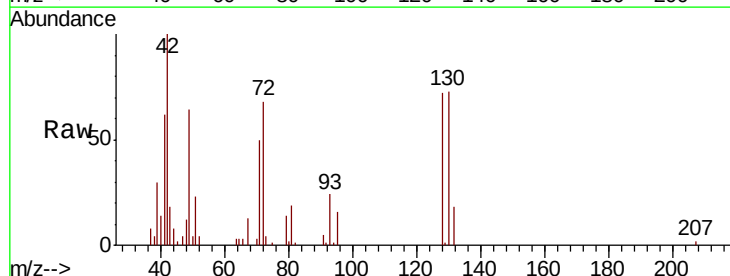
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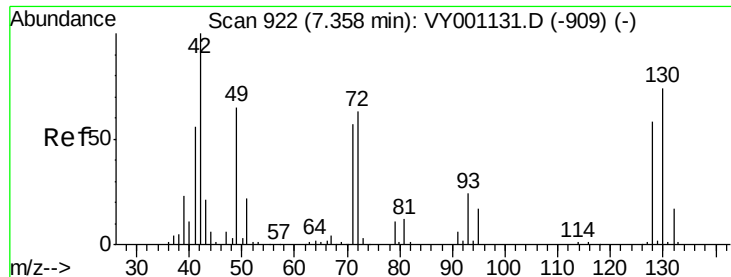


#28

Bromochloromethane
Concen: 3.122 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	6.0
130	114.6	86.9	130.3





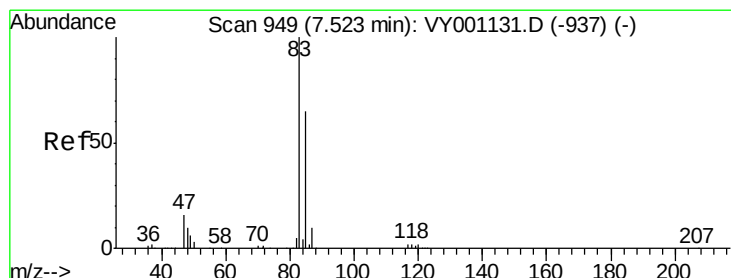
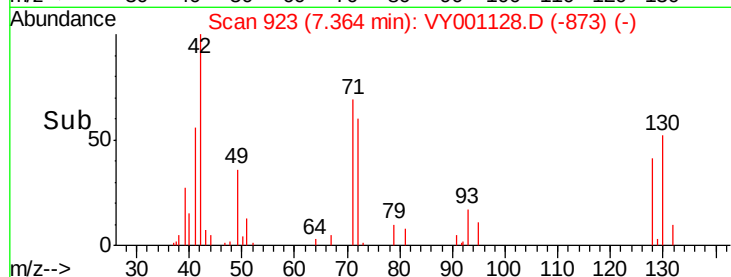
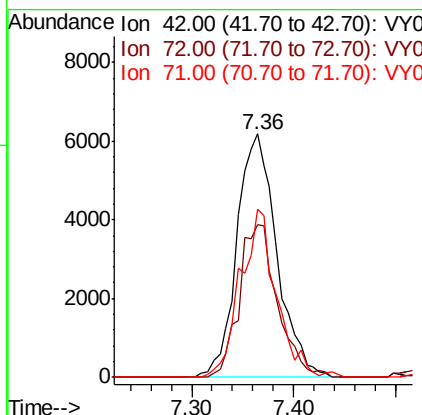
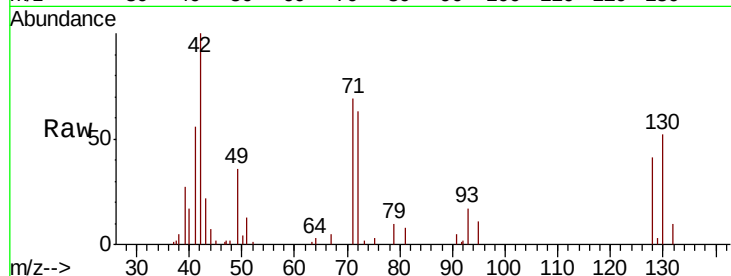
#29
Tetrahydrofuran
Concen: 17.155 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	60.0	49.0	73.6
71	62.1	45.3	67.9

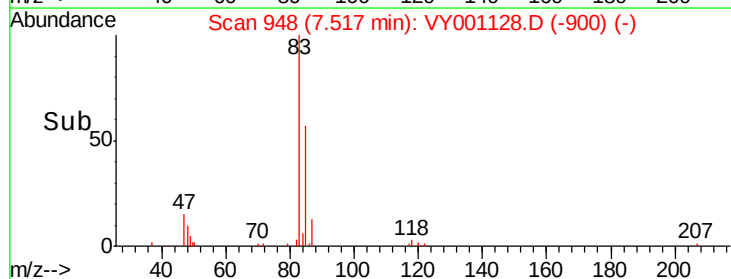
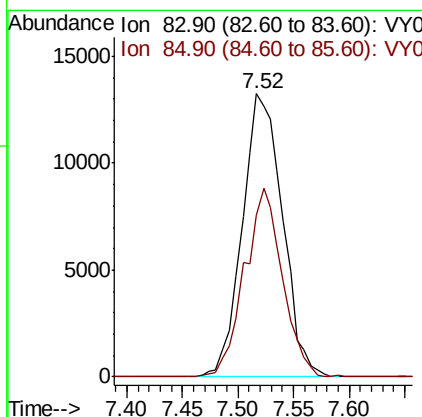
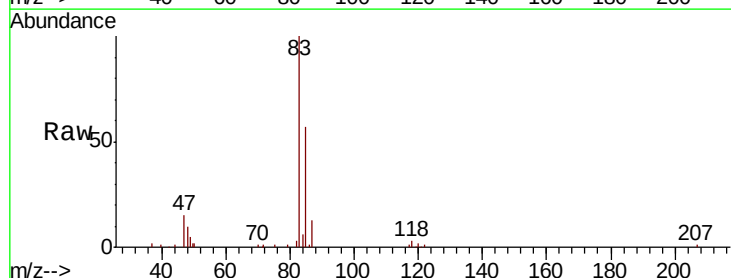
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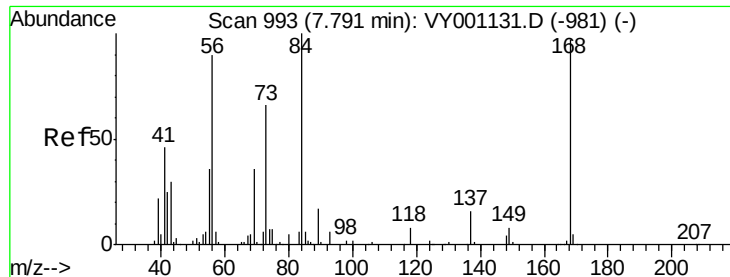
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#30
Chloroform
Concen: 4.679 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	57.1	52.0	78.0





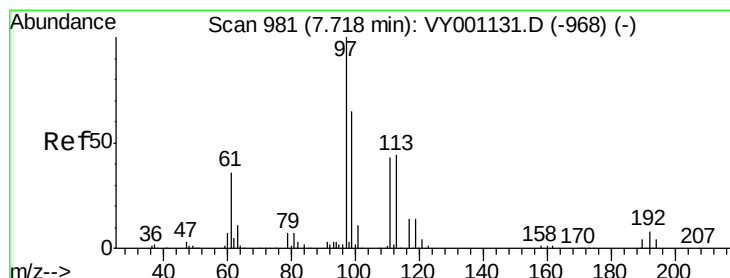
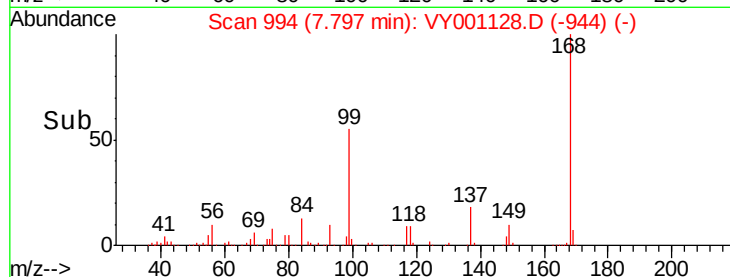
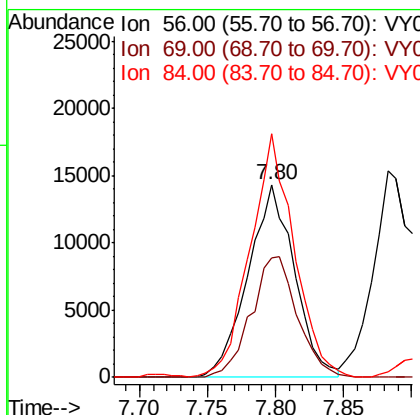
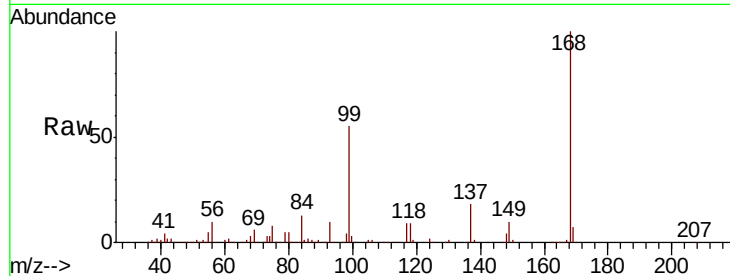
#31
Cyclohexane
Concen: 4.418 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	62.2	32.0	48.0#
84	126.3	89.1	133.7

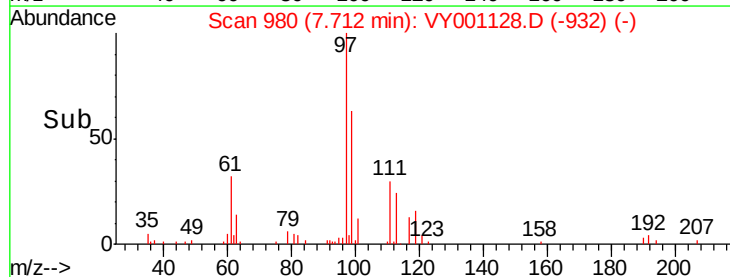
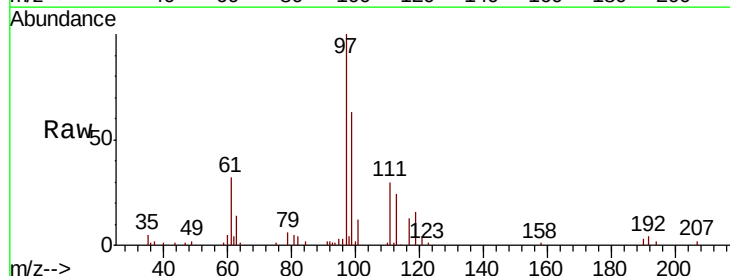
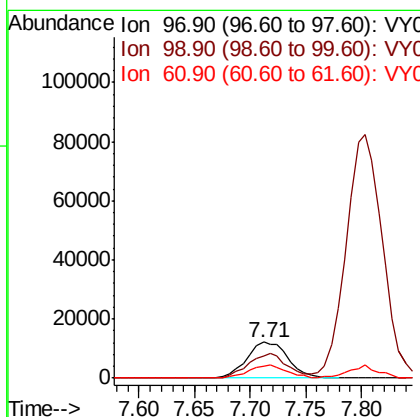
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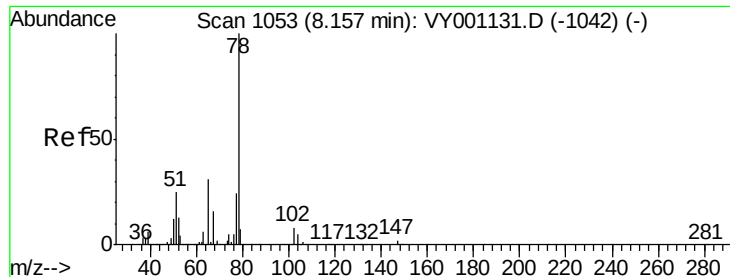
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#32
1,1,1-Trichloroethane
Concen: 5.119 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.0	76.6
61	34.4	29.2	43.8





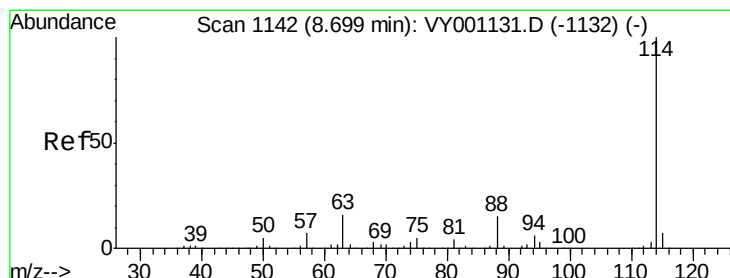
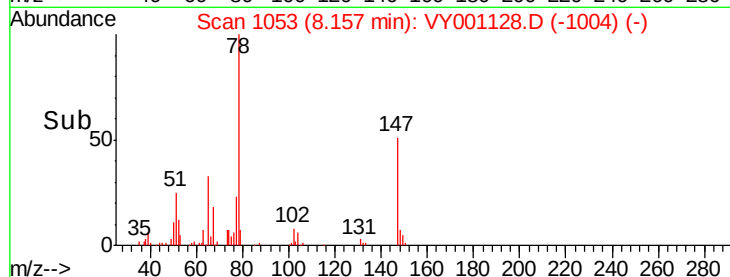
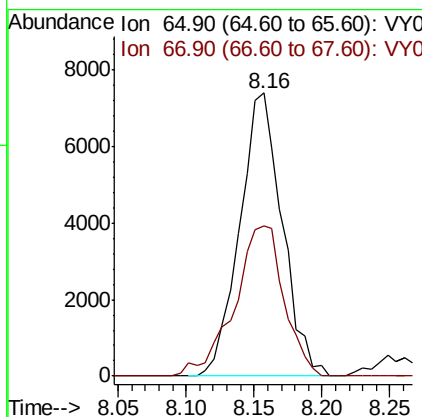
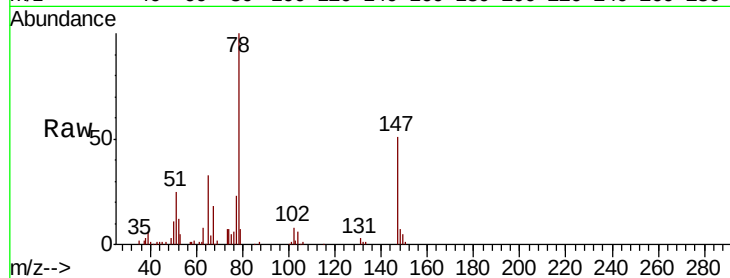
#33
 1,2-Dichloroethane-d4
 Concen: 4.602 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	61.7	0.0	110.6

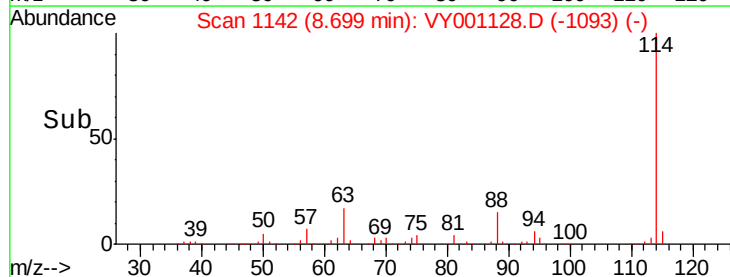
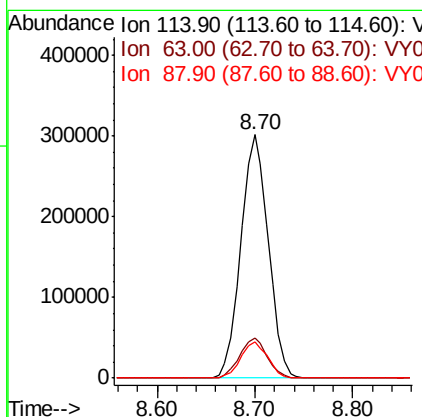
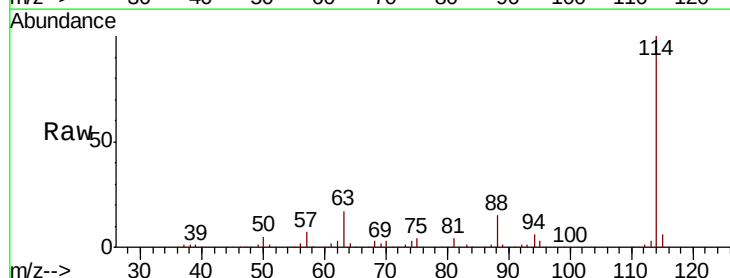
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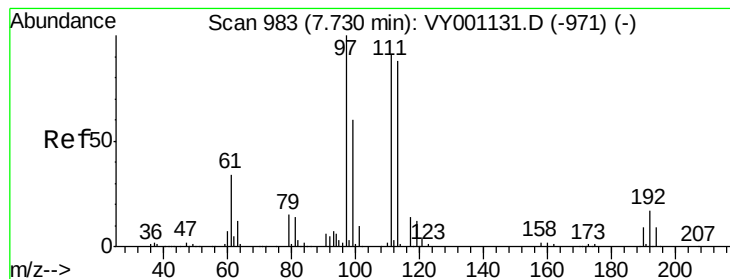
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	33.0
88	14.7	0.0	30.0





#35

Dibromofluoromethane

Concen: 5.141 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

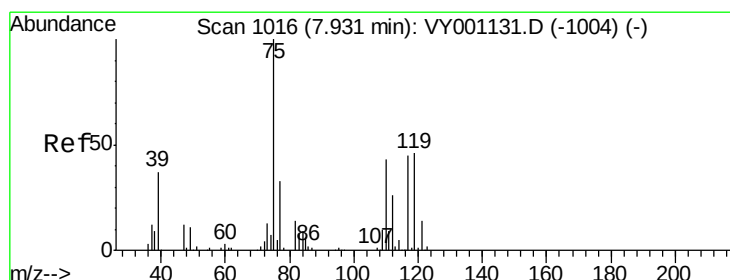
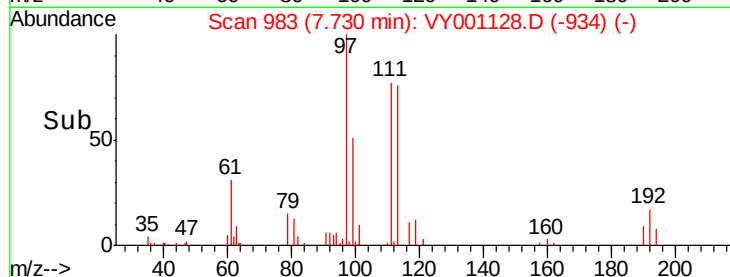
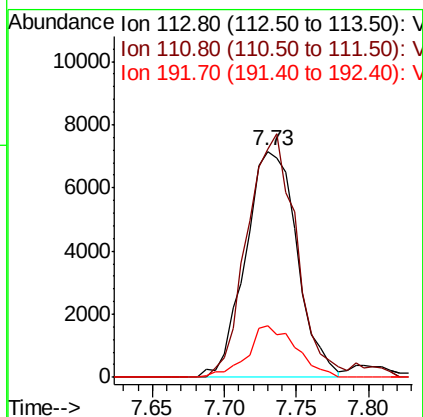
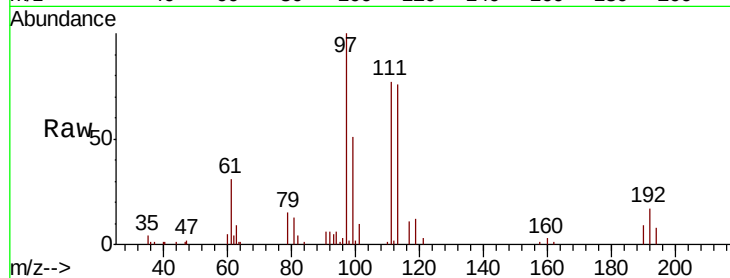
ClientSampleId :

VSTDIC005

Tot Ion:	113	Resp:	17790
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.0	121.4
192	21.6	16.4	24.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 4.789 ug/l

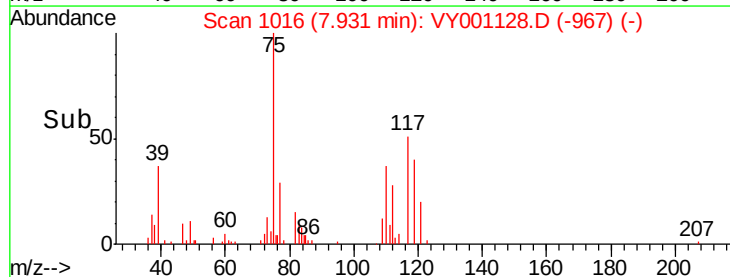
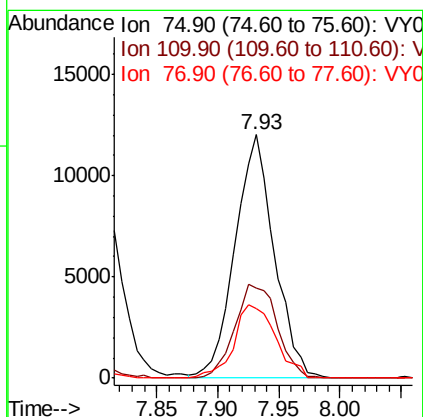
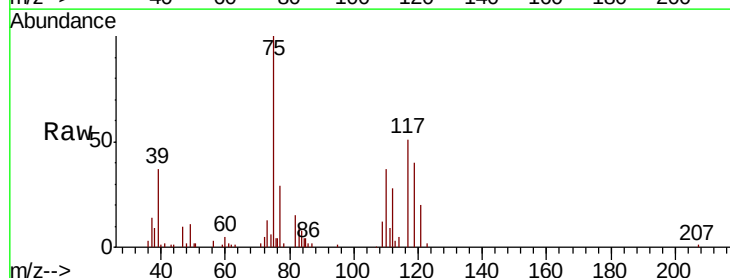
RT: 7.93 min Scan# 1016

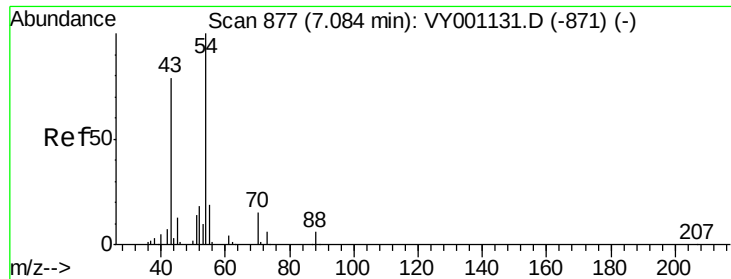
Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Tgt Ion:	75	Resp:	26757
Ion	Ratio	Lower	Upper
75	100		
110	41.6	20.6	61.8
77	32.0	25.7	38.5





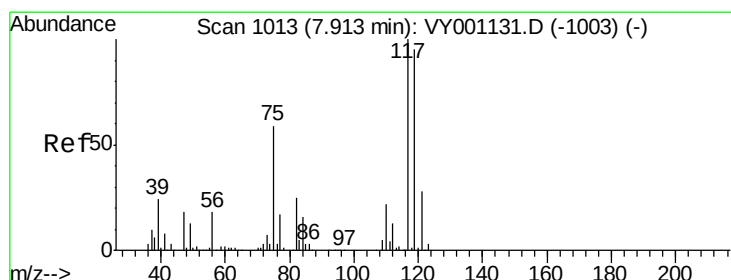
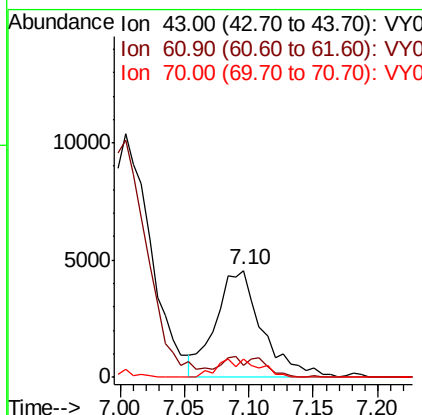
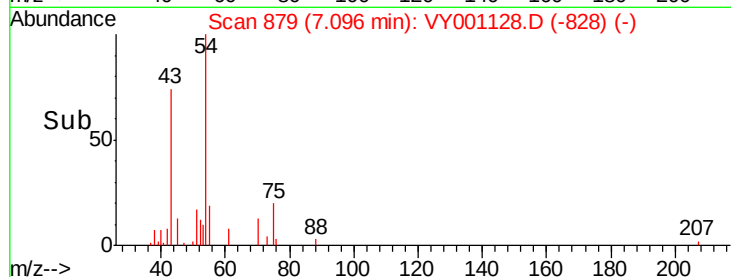
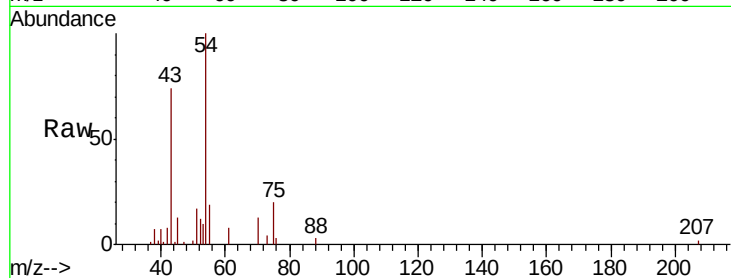
#37
Ethyl Acetate
Concen: 3.867 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.4	21.6#
70	7.3	11.5	17.3#

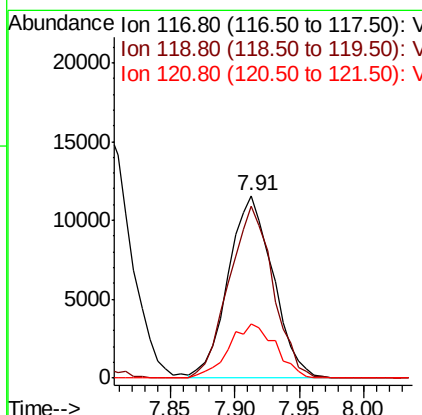
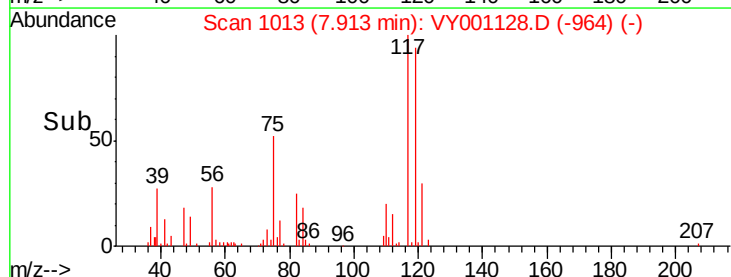
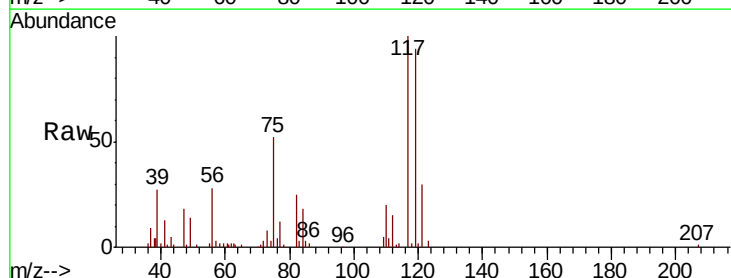
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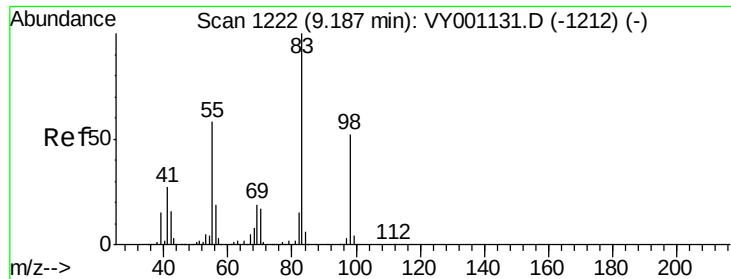
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#38
Carbon Tetrachloride
Concen: 5.551 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.8	113.6
121	29.9	22.5	33.7





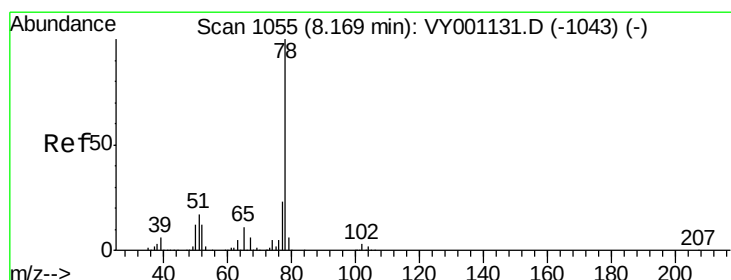
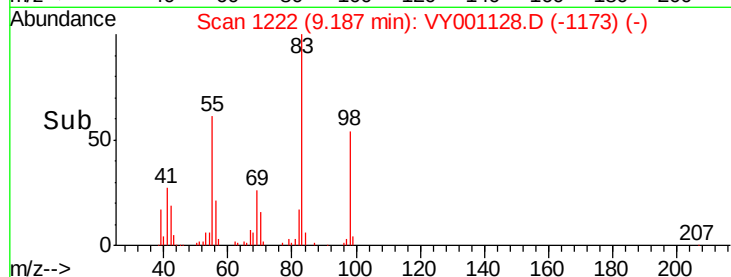
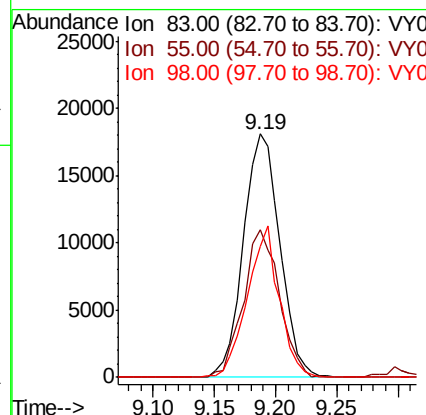
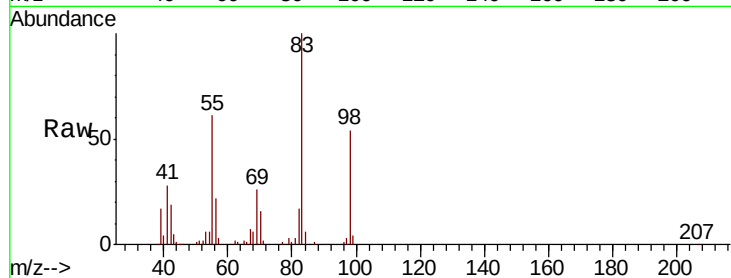
#39
Methylvlcyclohexane
Concen: 5.039 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	37566
Ion Ratio	Lower	Upper	
83	100		
55	60.7	46.4	69.6
98	53.9	41.5	62.3

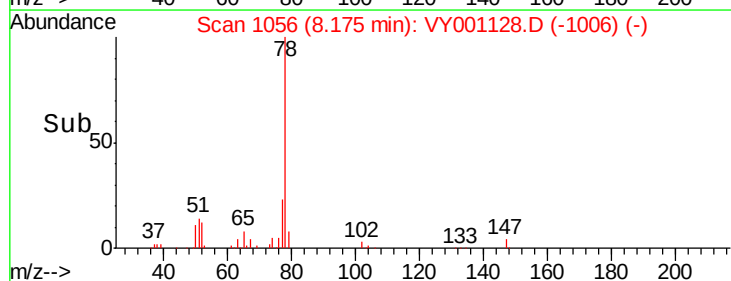
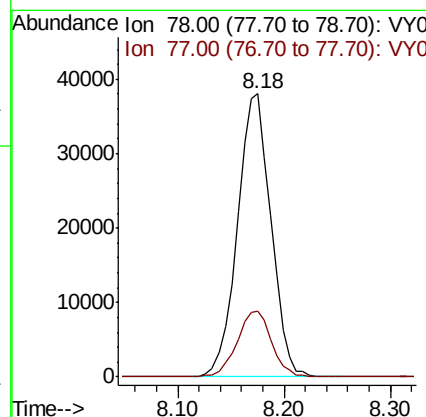
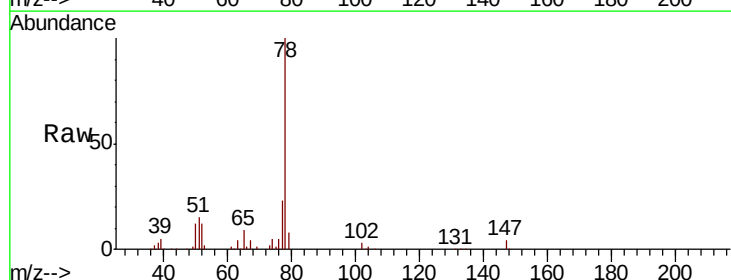
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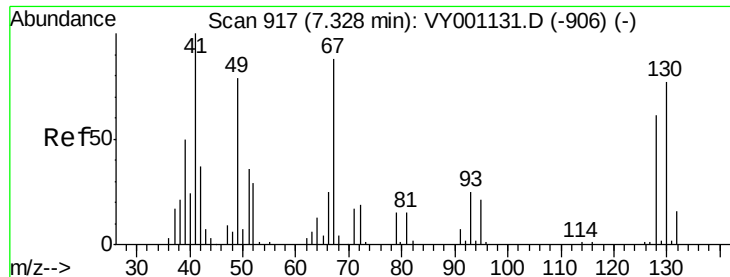
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#40
Benzene
Concen: 4.967 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion	78	Resp	83854
Ion Ratio	Lower	Upper	
78	100		
77	23.3	18.8	28.2





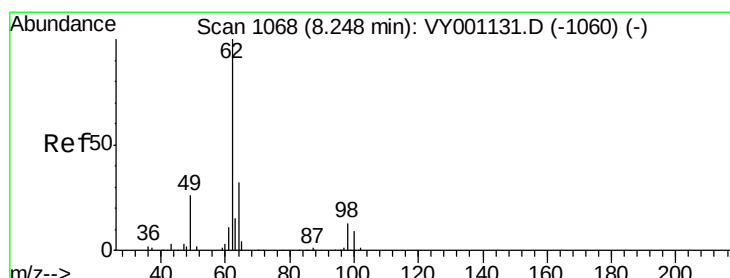
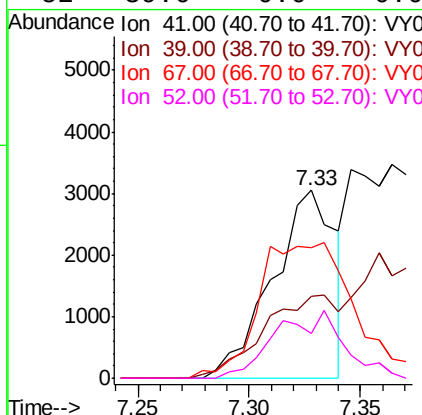
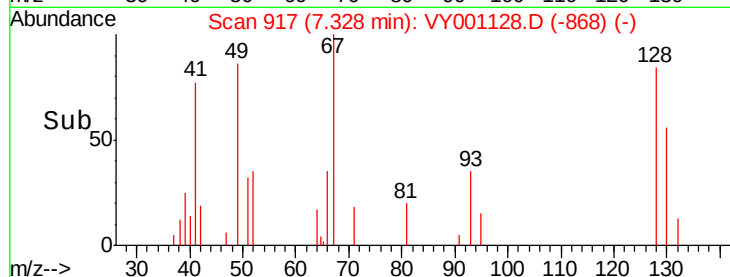
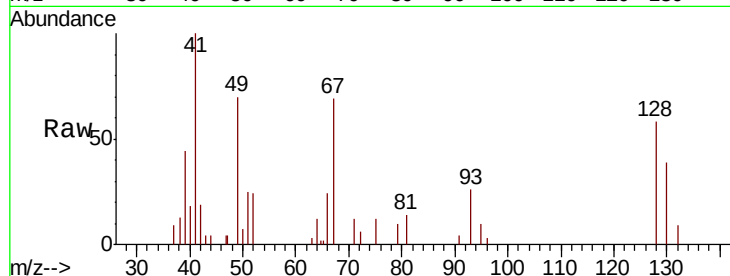
#41
Methacrylonitrile
Concen: 4.796 ug/l
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	5974
Ion	Ratio	Lower	Upper
41	100		
39	51.8	122.9	184.3#
67	110.4	0.0	0.0#
52	39.6	0.0	0.0#

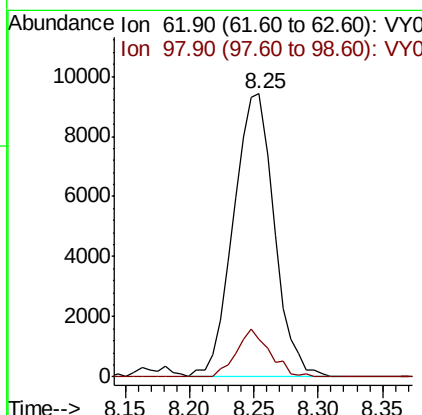
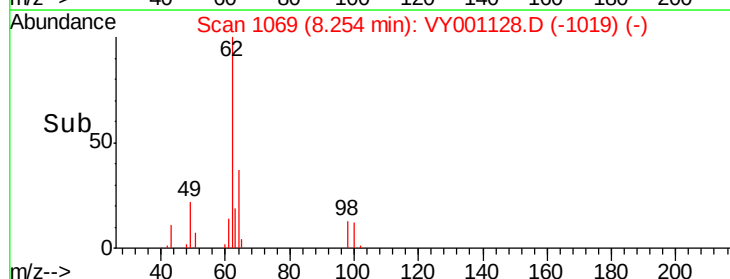
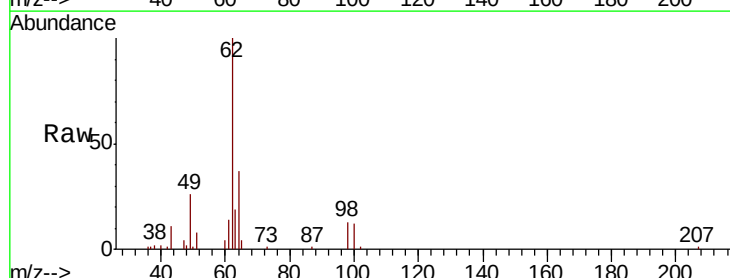
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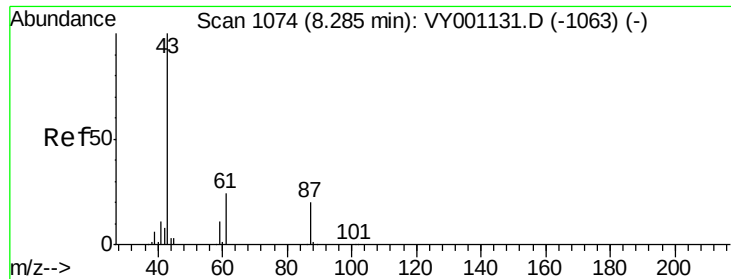
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#42
1,2-Dichloroethane
Concen: 5.147 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion:	62	Resp:	20640
Ion	Ratio	Lower	Upper
62	100		
98	13.8	0.0	24.4





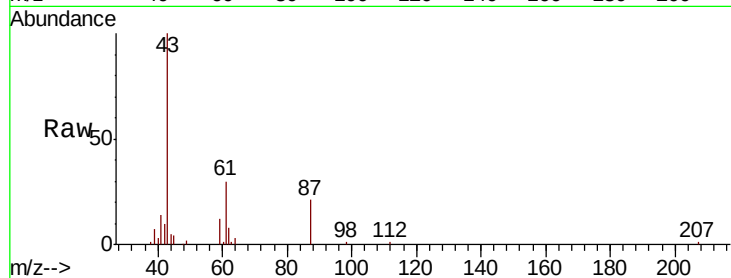
#43
Isopropyl Acetate
Concen: 3.920 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleID :
VSTDIC005

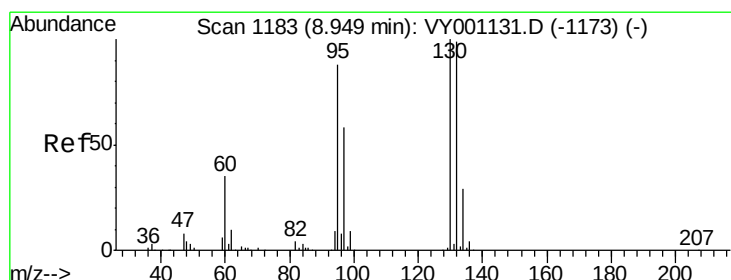
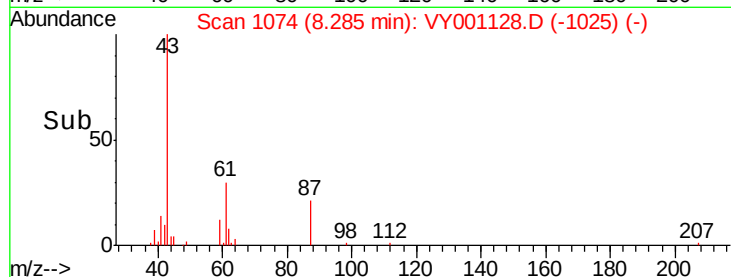
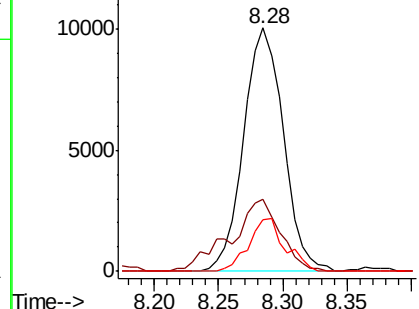
Tot Ion	Ratio	Lower	Upper
43	100		
61	37.1	29.1	43.7
87	19.5	15.4	23.2

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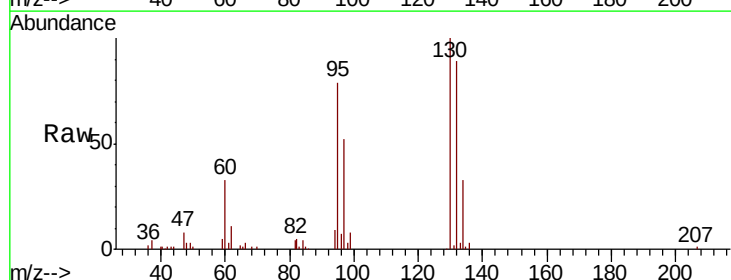


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

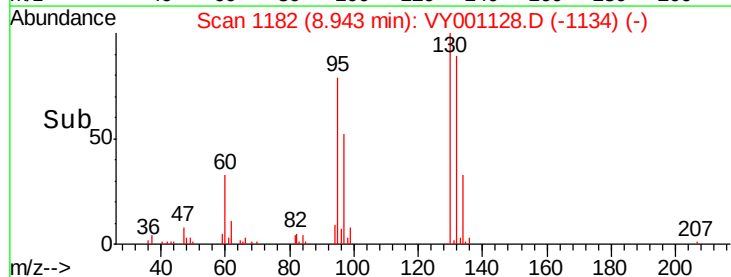
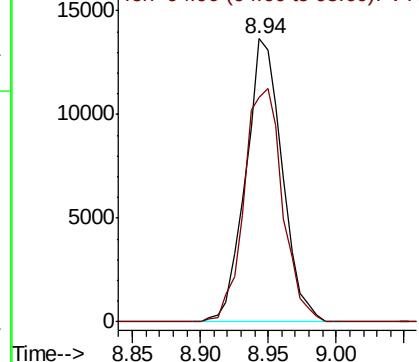


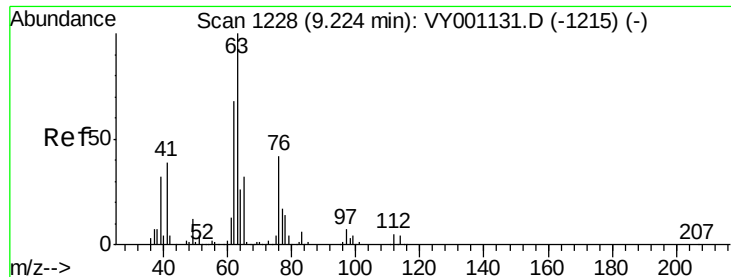
#44
Trichloroethene
Concen: 5.652 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	79.1	0.0	176.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





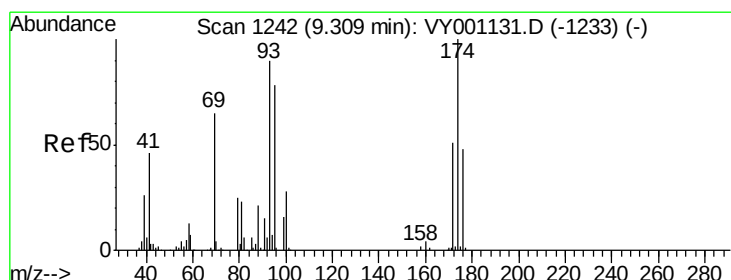
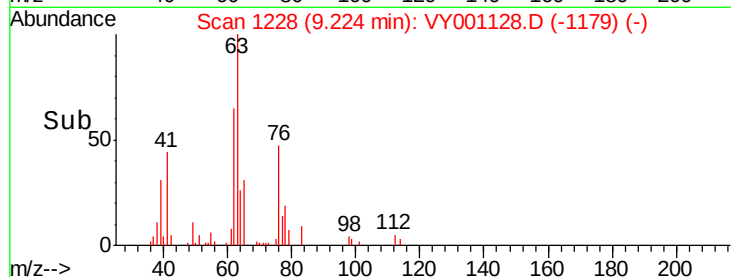
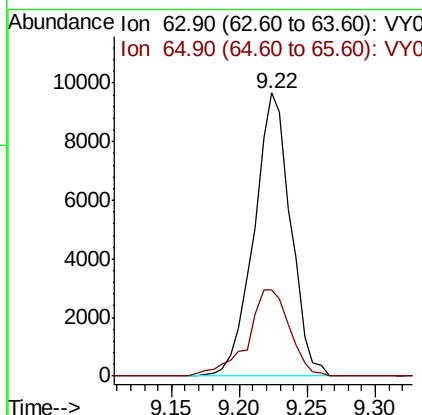
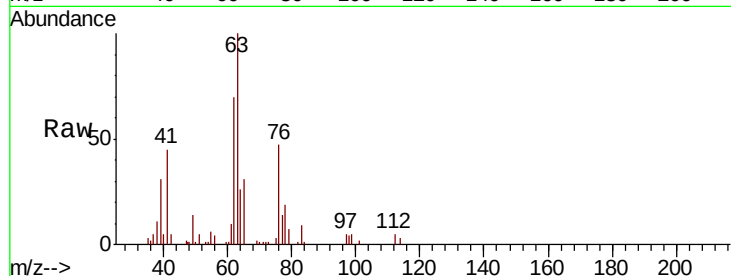
#45
 1,2-Dichloropropane
 Concen: 4.405 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	25.6	38.4

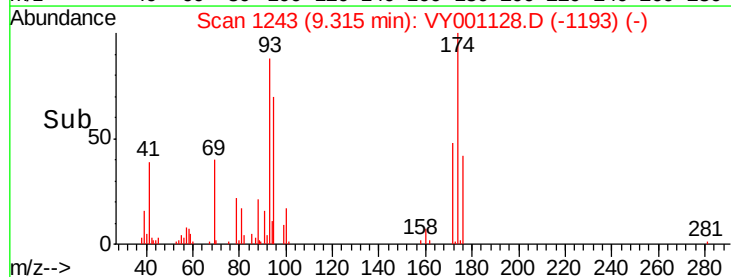
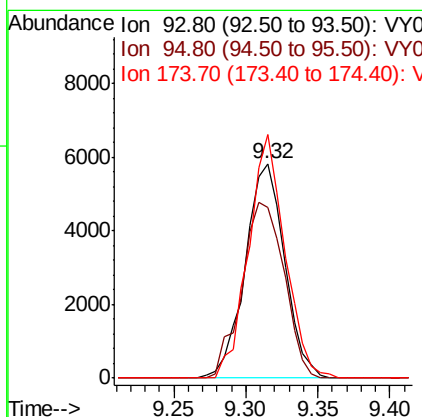
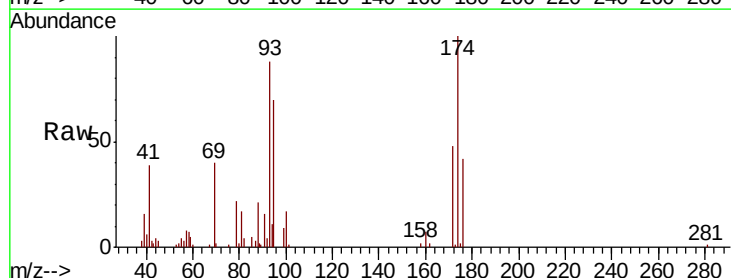
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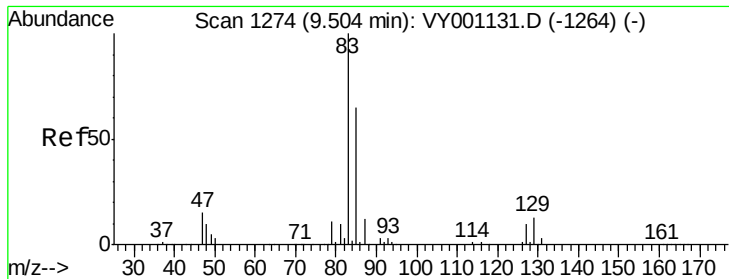
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#46
 Dibromomethane
 Concen: 5.095 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	88.0	68.7	103.1
174	105.2	88.0	132.0





#47

Bromodichloromethane

Concen: 4.689 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

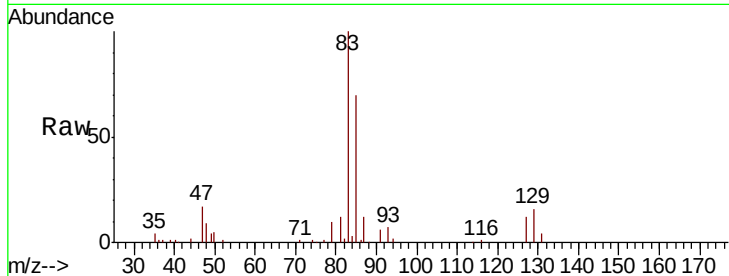
ClientSampleId :

VSTDIC005

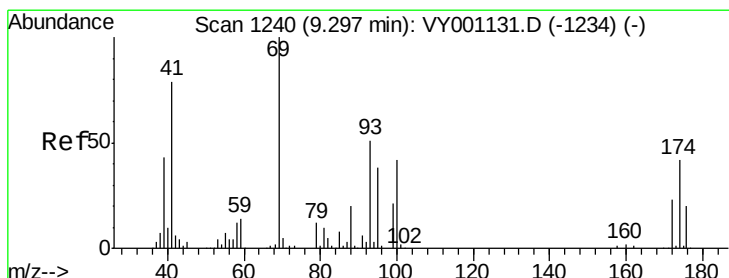
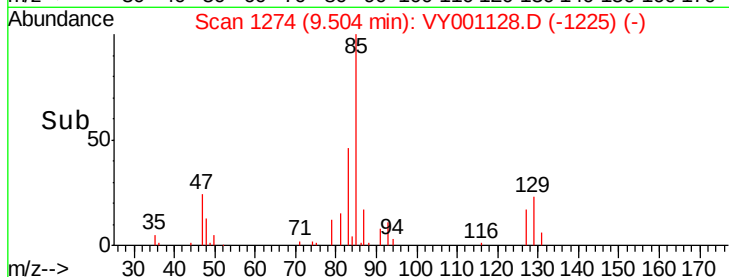
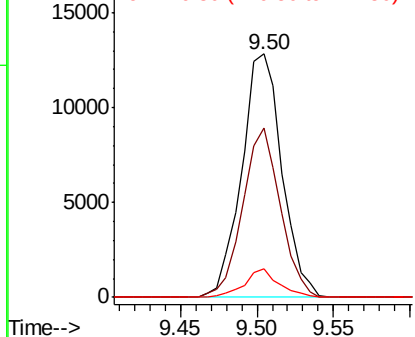
Tot Ion:	83	Resp:	23405
Ion	Ratio	Lower	Upper
83	100		
85	69.5	51.7	77.5
127	11.8	7.6	11.4

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



#48

Methyl methacrylate

Concen: 4.063 ug/l

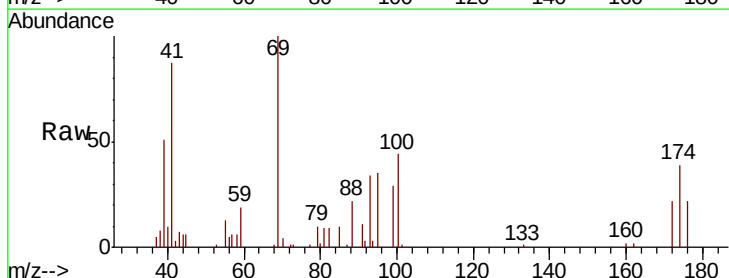
RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

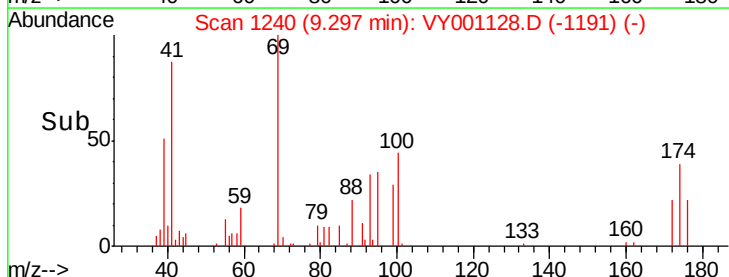
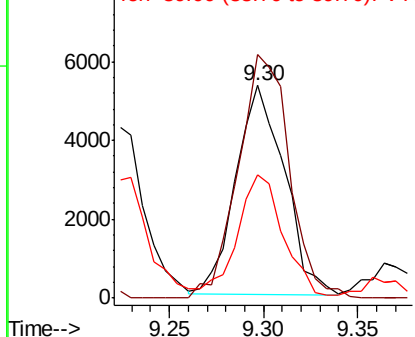
Lab File: VY001128.D

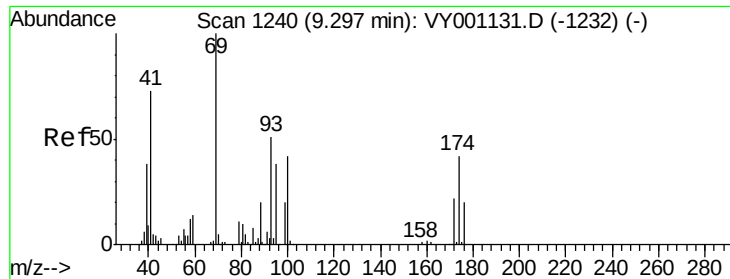
Acq: 02 Jan 2020 10:42

Tgt Ion:	41	Resp:	9468
Ion	Ratio	Lower	Upper
41	100		
69	122.8	100.3	150.5
39	53.4	47.6	71.4



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





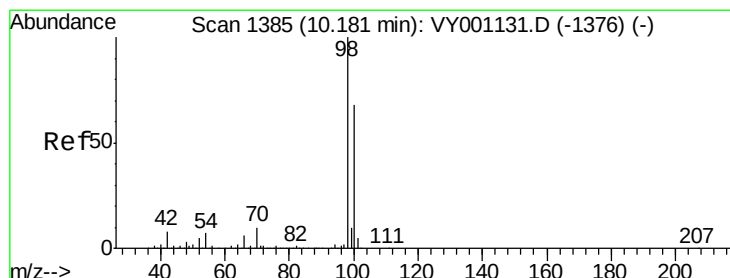
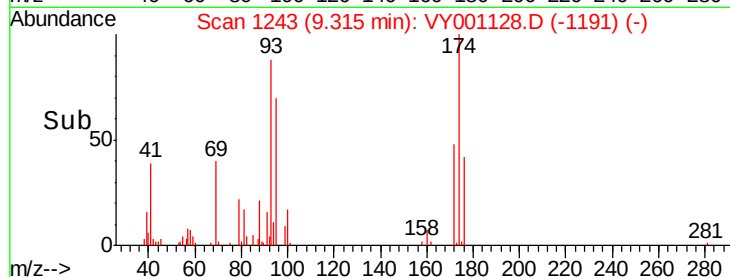
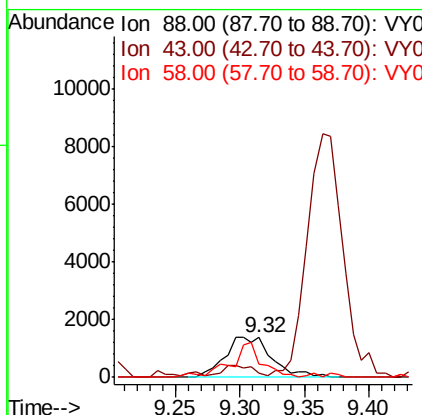
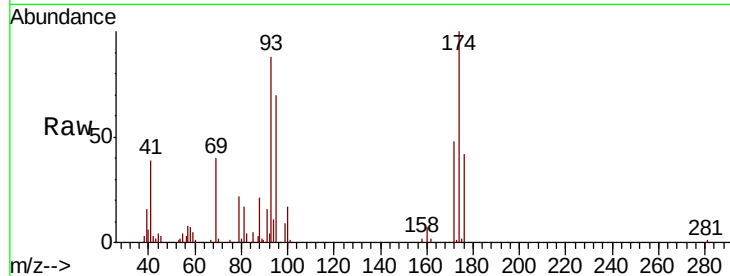
#49
 1,4-Dioxane
 Concen: 111.141 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.02 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	88	Resp	3510
Ion	Ratio	Lower	Upper
88	100		
43	17.2	19.0	28.4#
58	58.2	48.2	72.4

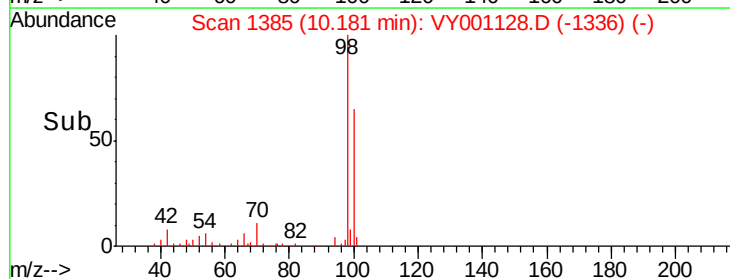
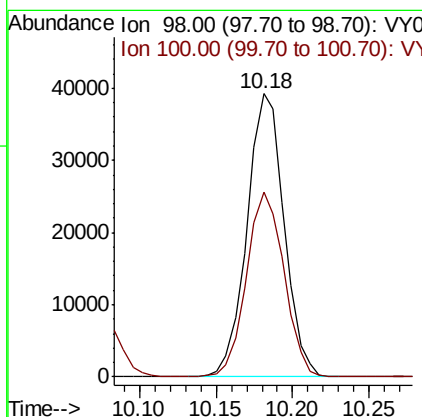
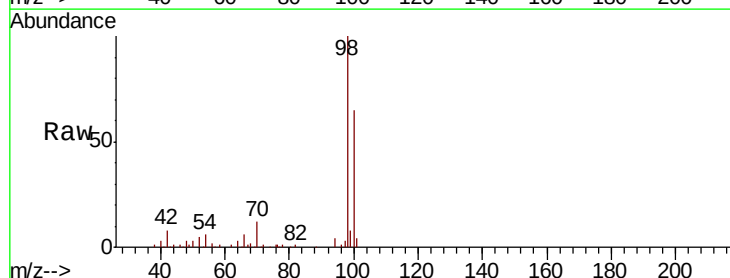
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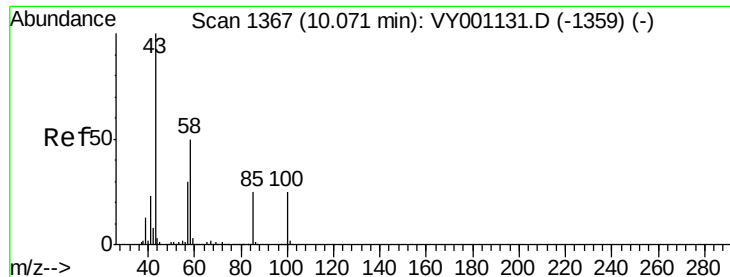
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#50
 Toluene-d8
 Concen: 4.986 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Tgt Ion	98	Resp	66044
Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.2	79.8





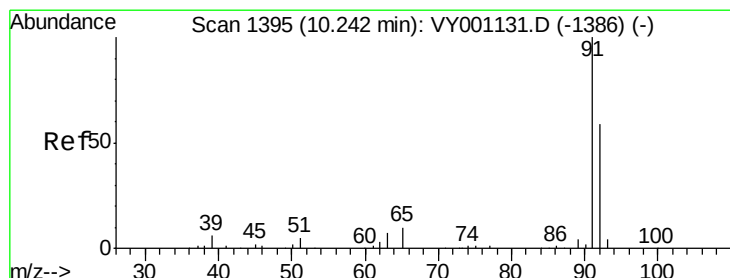
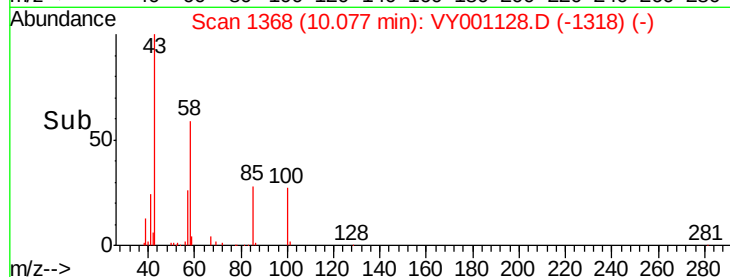
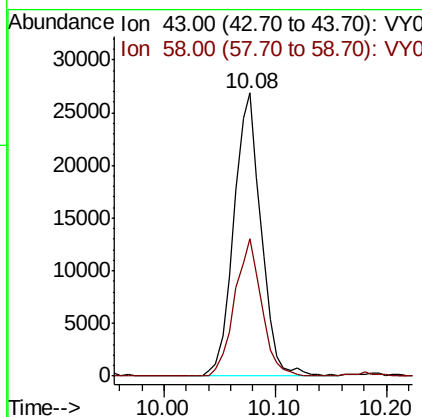
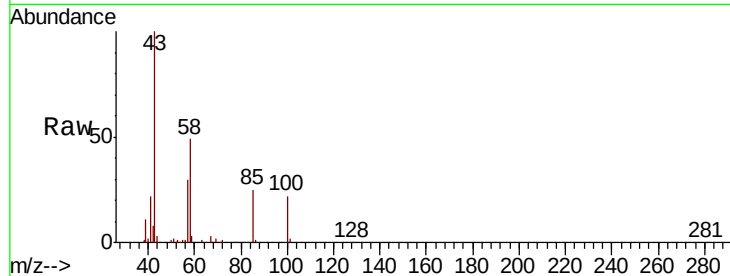
#51
4-Methyl-2-Pentanone
Concen: 16.151 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	47.7	39.1	58.7

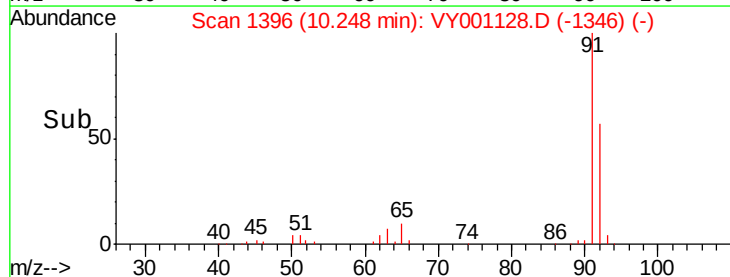
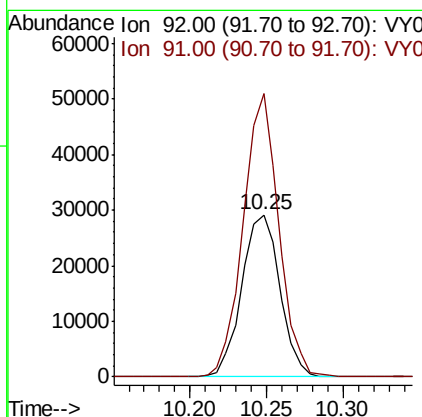
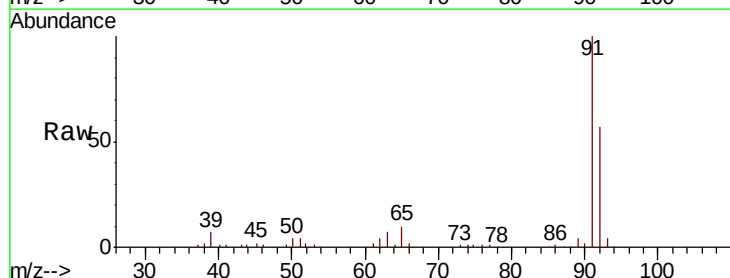
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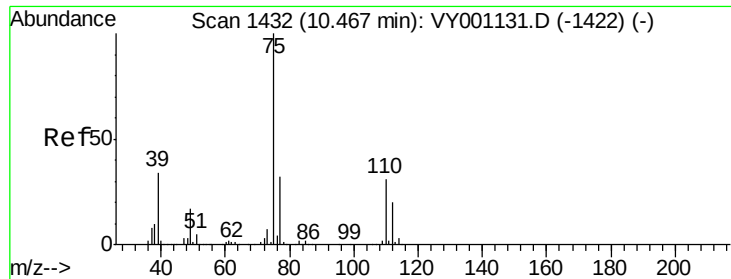
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#52
Toluene
Concen: 4.921 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
92	100		
91	162.4	137.6	206.4





#53

t-1,3-Dichloropropene

Concen: 4.462 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 75 Resp: 24089

Ion Ratio Lower Upper

75 100

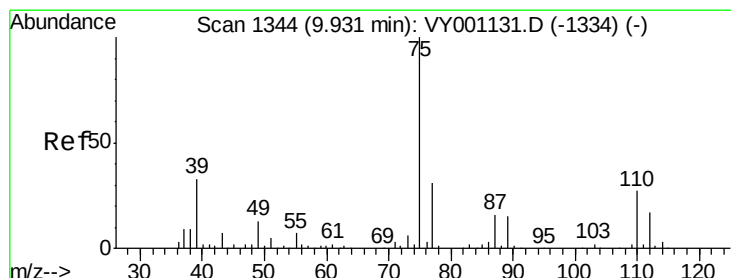
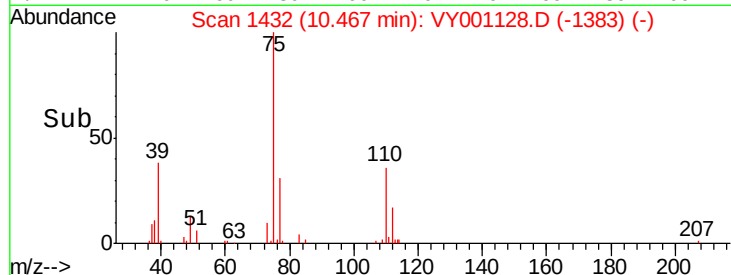
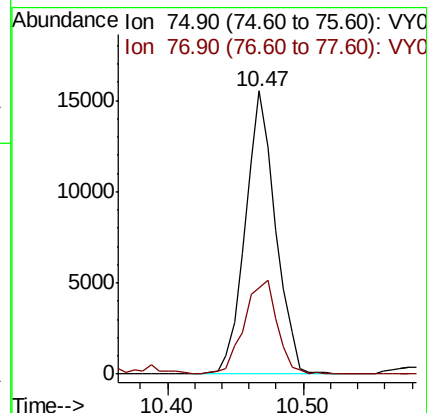
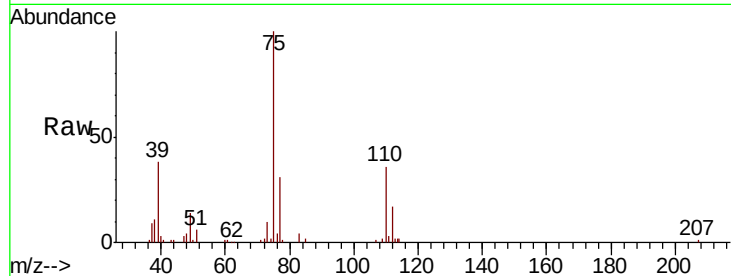
77 30.5 25.7 38.5

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#54

cis-1,3-Dichloropropene

Concen: 4.339 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

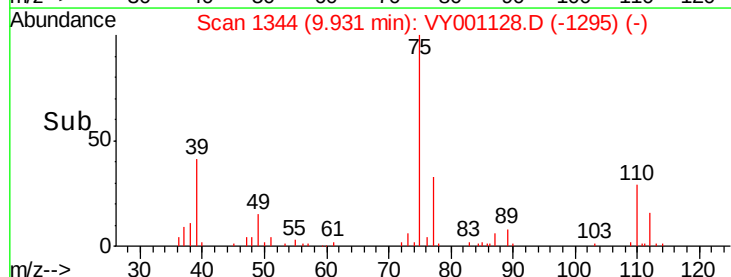
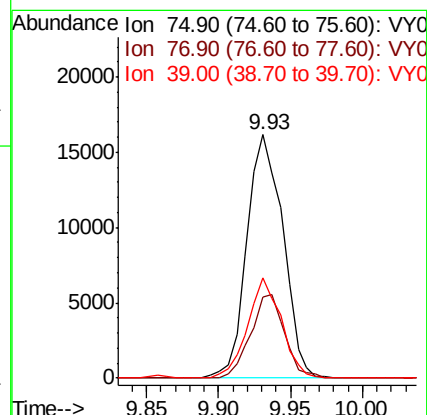
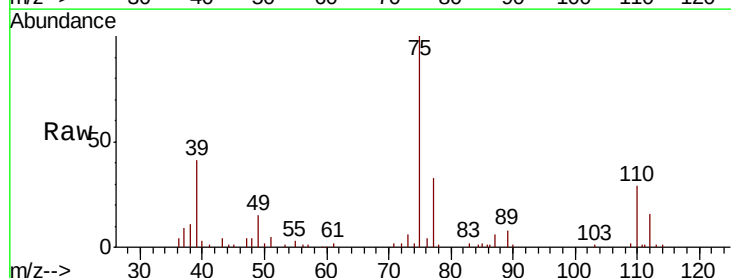
Tgt Ion: 75 Resp: 27950

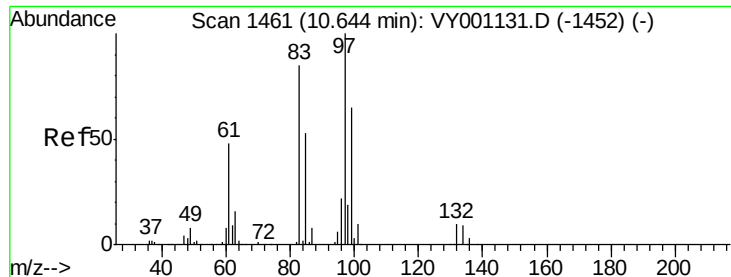
Ion Ratio Lower Upper

75 100

77 33.4 24.6 37.0

39 41.1 26.2 39.4#





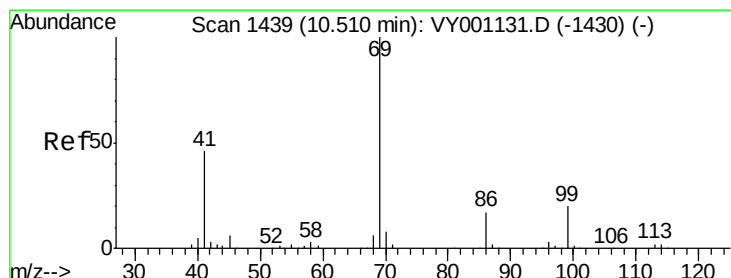
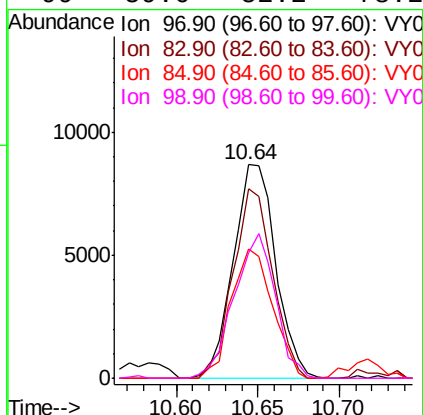
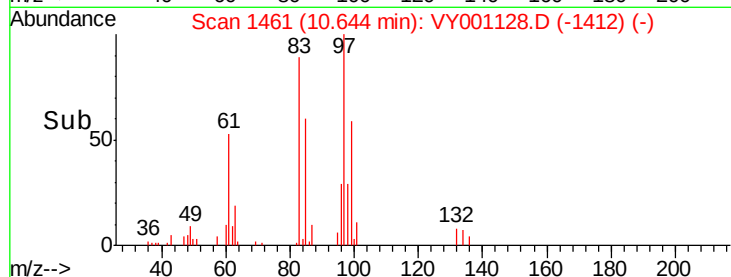
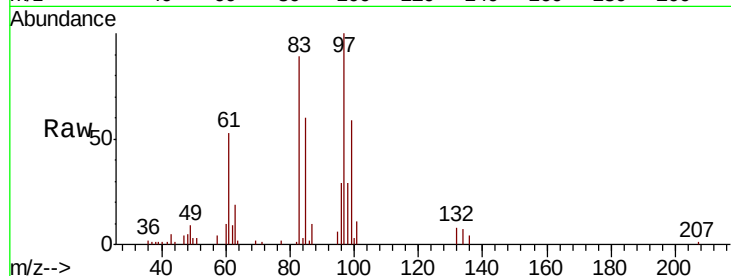
#55
1,1,2-Trichloroethane
Concen: 4.838 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.6	67.7	101.5
85	60.4	42.7	64.1
99	59.0	52.2	78.2

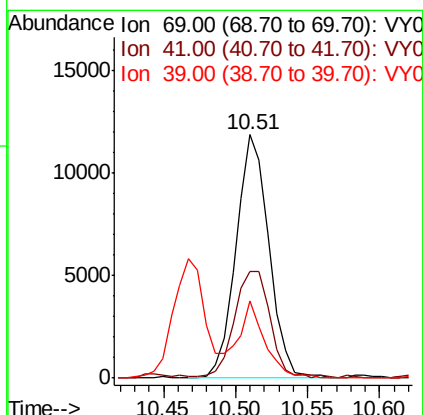
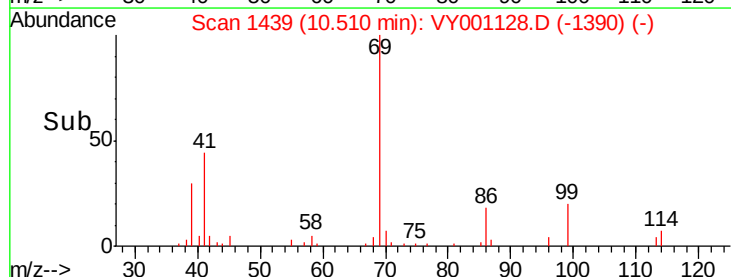
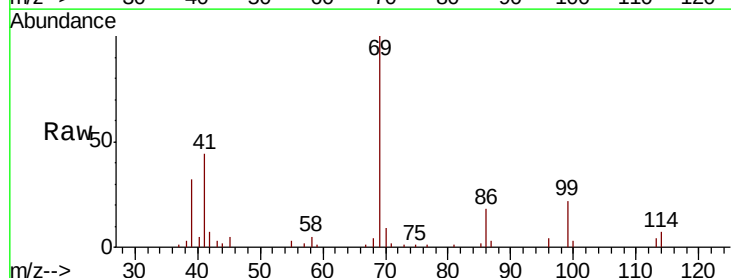
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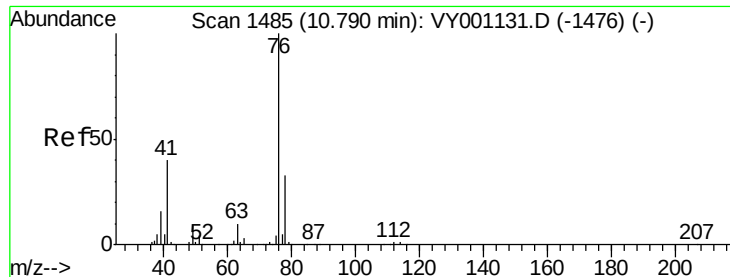
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#56
Ethyl methacrylate
Concen: 4.142 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
69	100		
41	47.7	37.5	56.3
39	24.9	19.0	28.6





#57

1,3-Dichloropropane

Concen: 3.676 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.01 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 20735

Ion Ratio Lower Upper

76 100

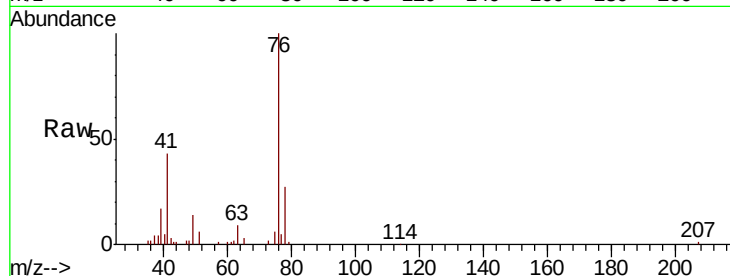
78 33.1 26.2 39.2

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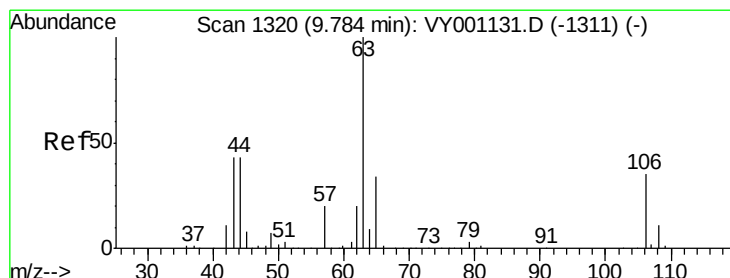
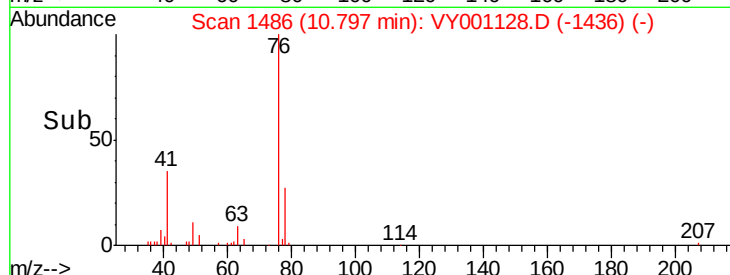
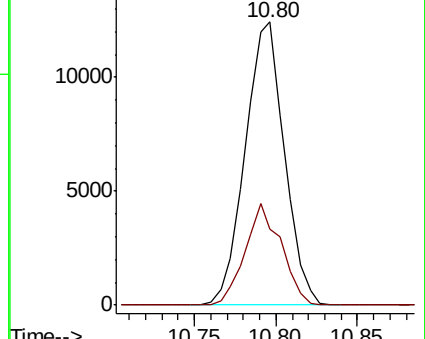
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 22.840 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.01 min

Lab File: VY001128.D

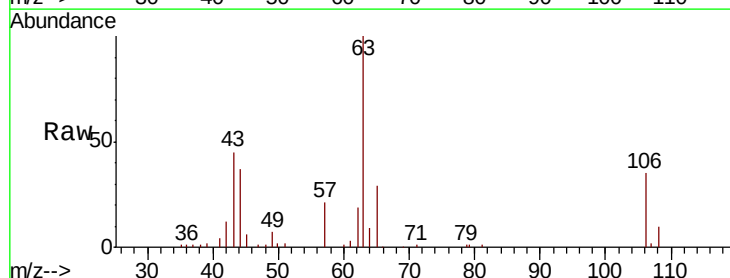
Acq: 02 Jan 2020 10:42

Tgt Ion: 63 Resp: 39705

Ion Ratio Lower Upper

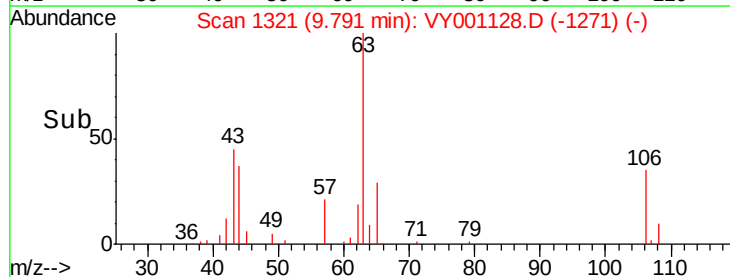
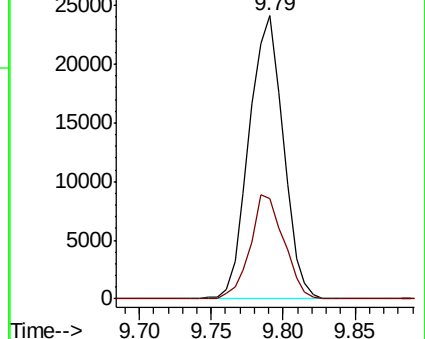
63 100

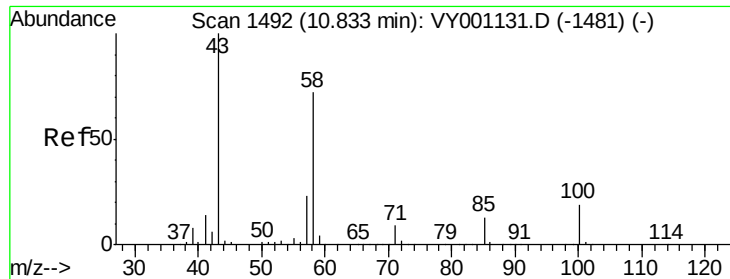
106 35.7 28.0 42.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





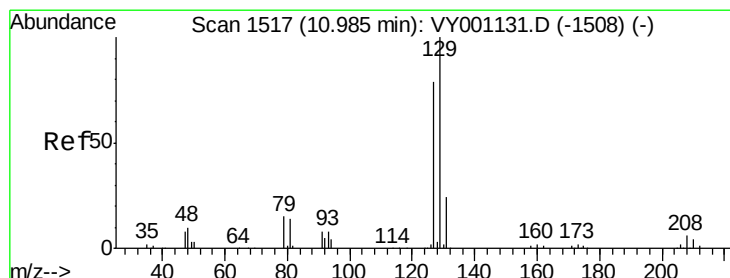
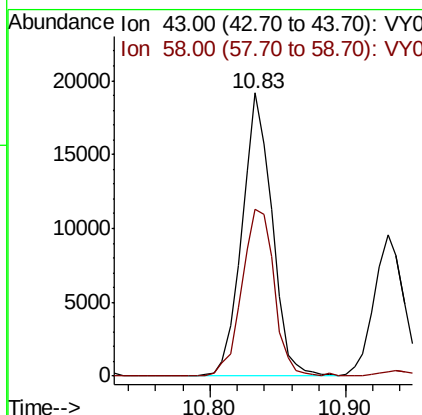
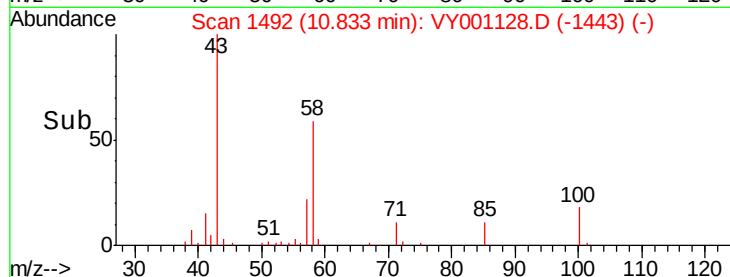
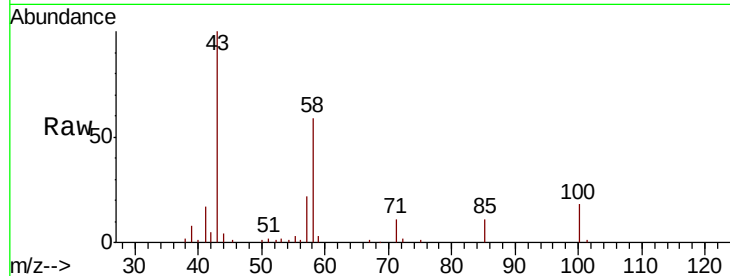
#59
2-Hexanone
Concen: 14.965 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC005

Tot Ion: 43 Resp: 29588
Ion Ratio Lower Upper
43 100
58 63.7 34.4 103.3

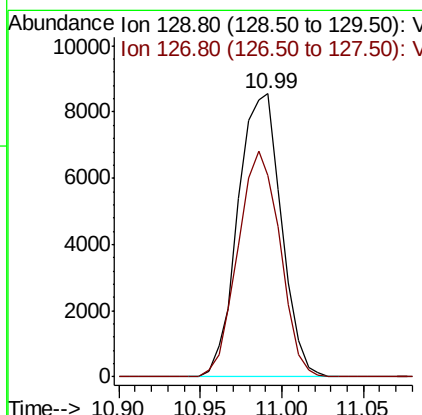
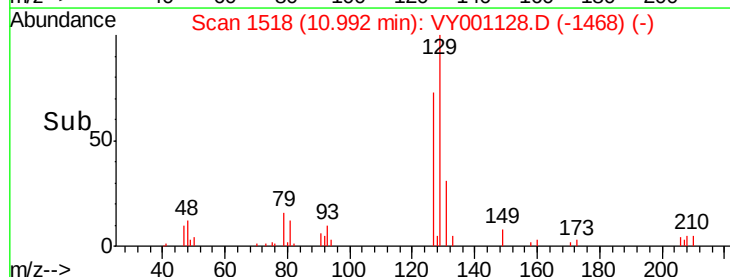
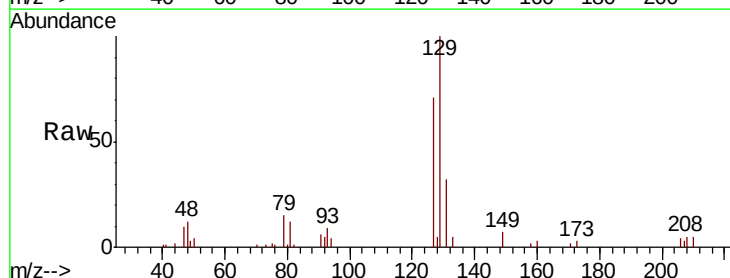
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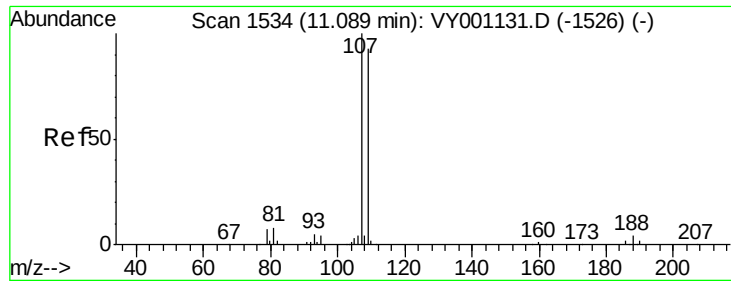
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#60
Dibromochloromethane
Concen: 4.481 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion: 129 Resp: 15808
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





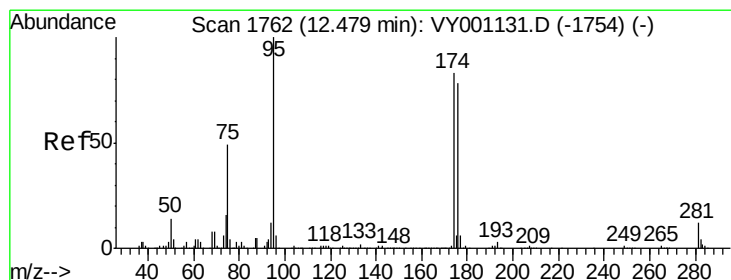
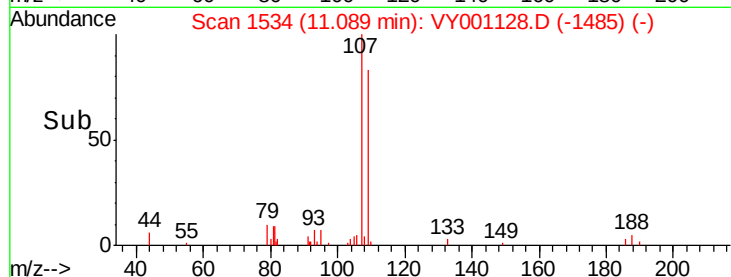
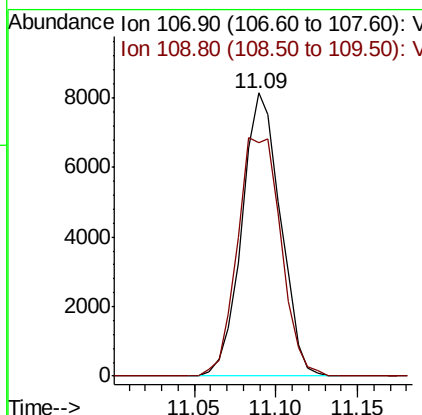
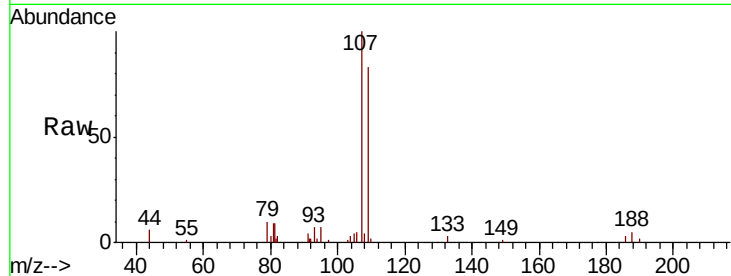
#61
 1,2-Dibromoethane
 Concen: 4.298 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.4	113.2

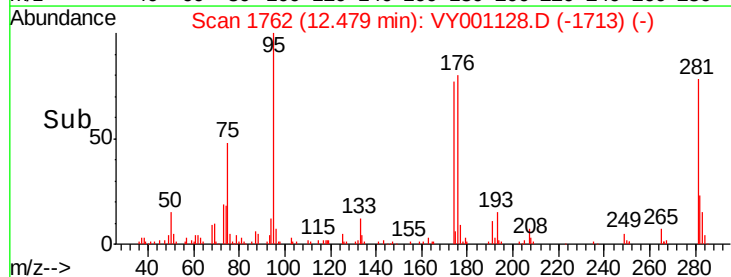
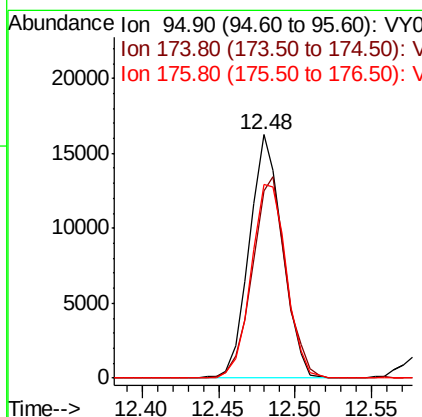
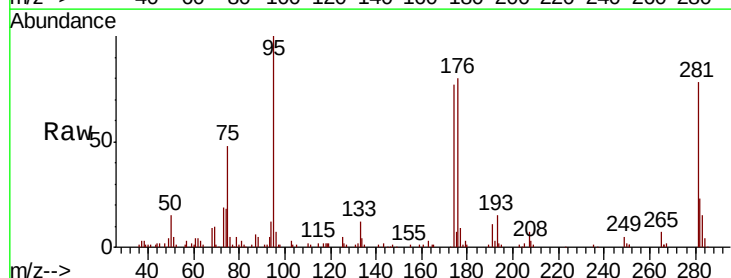
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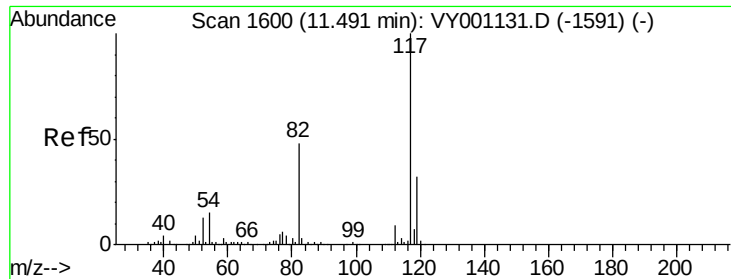
apatel
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#62
 4-Bromofluorobenzene
 Concen: 4.971 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	171.8
176	84.7	0.0	163.6





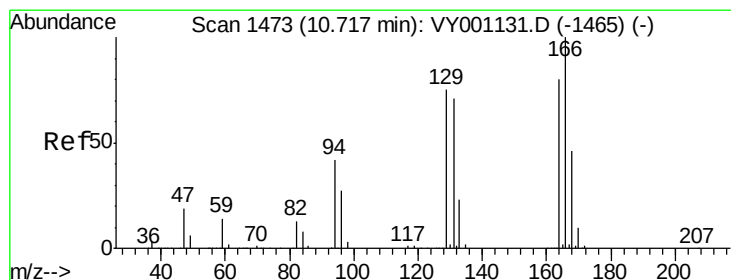
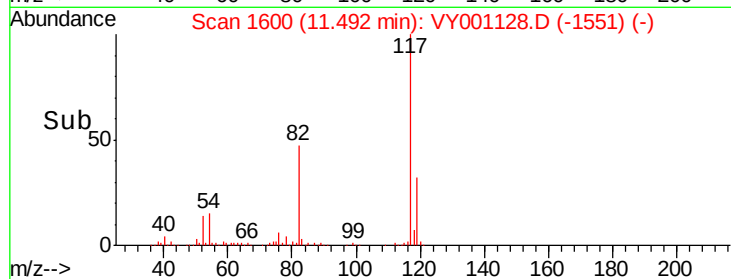
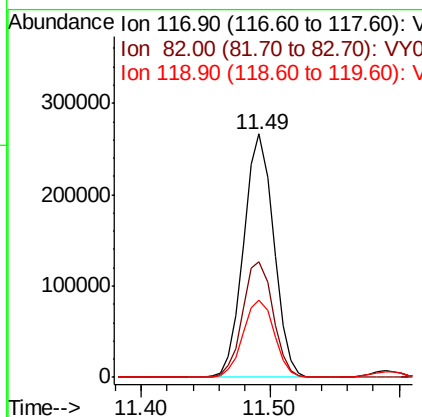
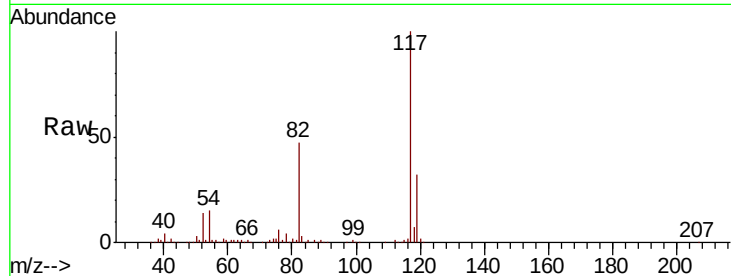
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	47.3	38.5	57.7
119	31.6	25.9	38.9

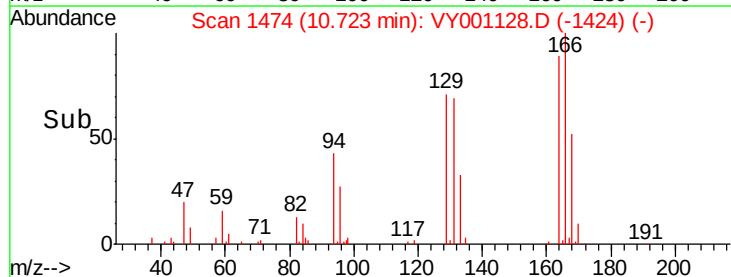
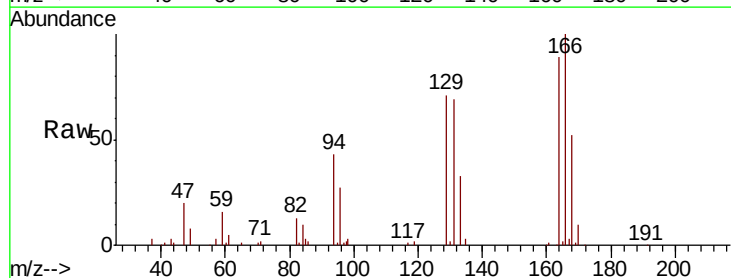
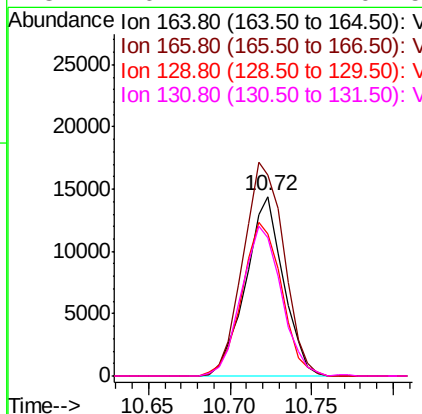
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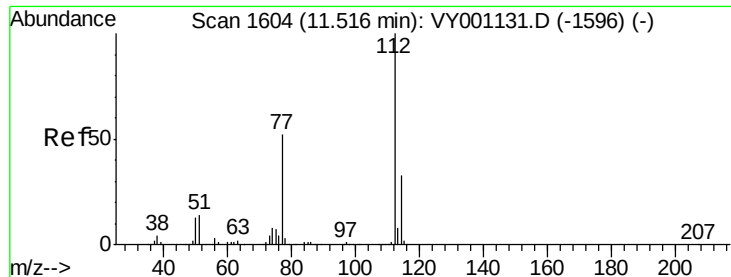
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#64
Tetrachloroethene
Concen: 6.042 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	111.9	100.6	151.0
129	78.9	75.0	112.4
131	76.7	71.7	107.5





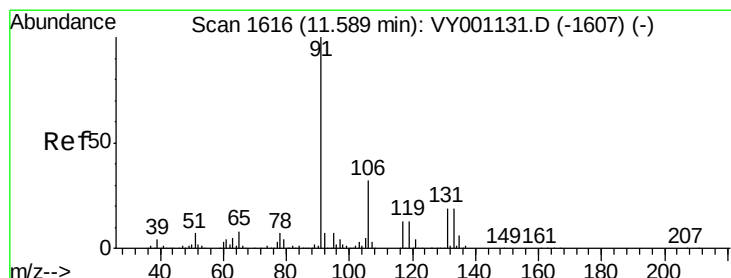
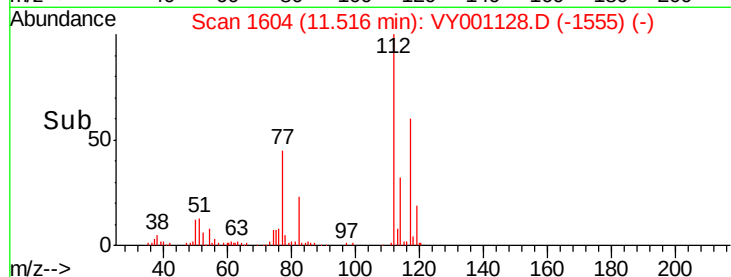
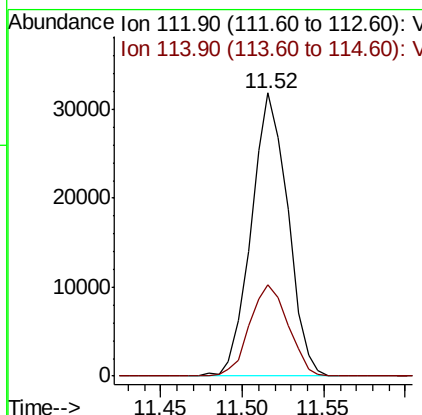
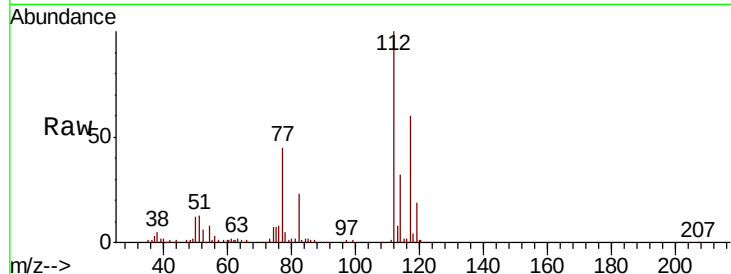
#65
Chlorobenzene
Concen: 5.467 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	26.5	39.7

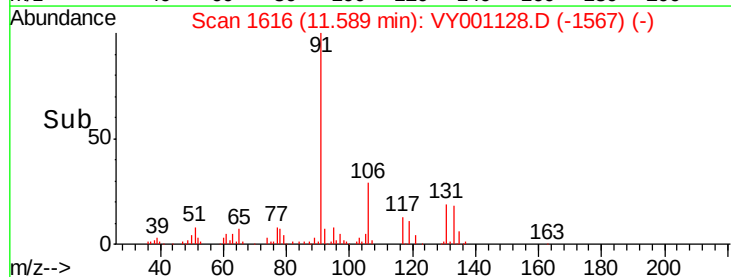
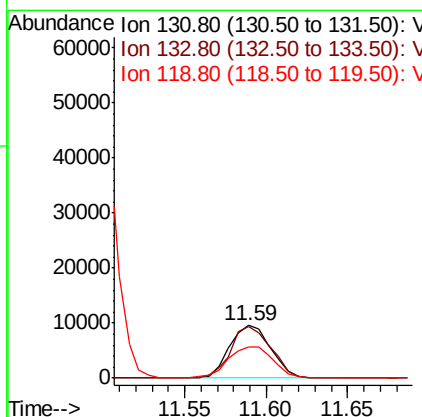
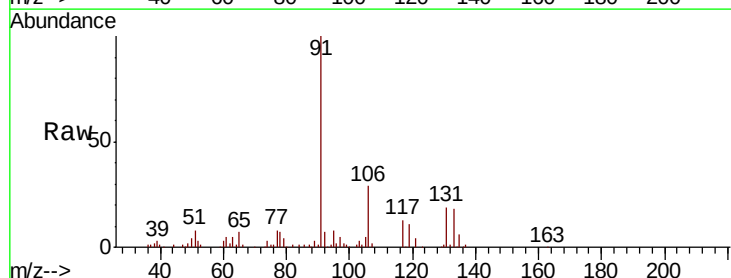
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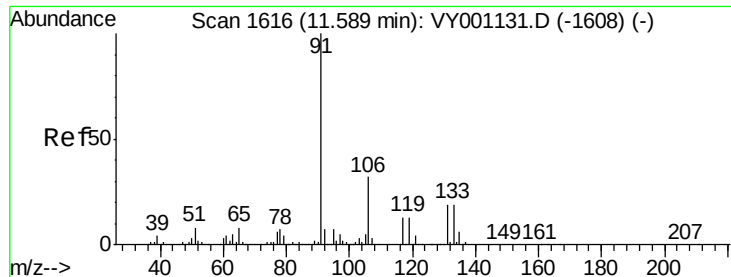
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.591 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.3	141.8
119	64.0	33.1	99.3





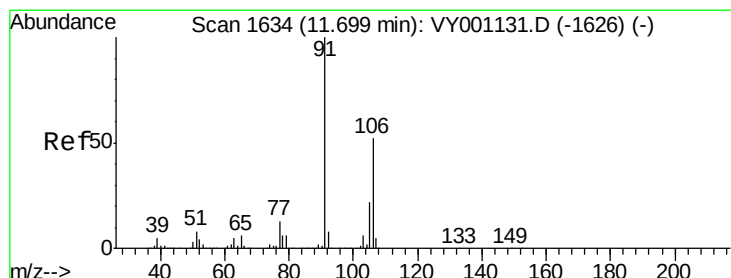
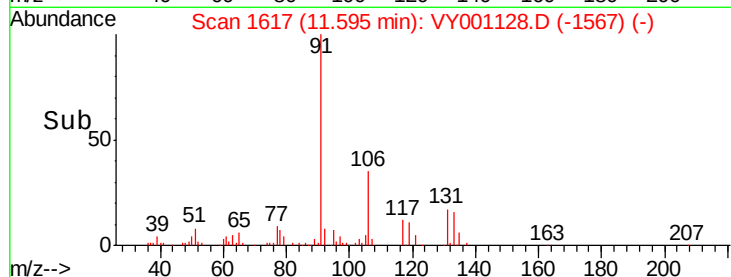
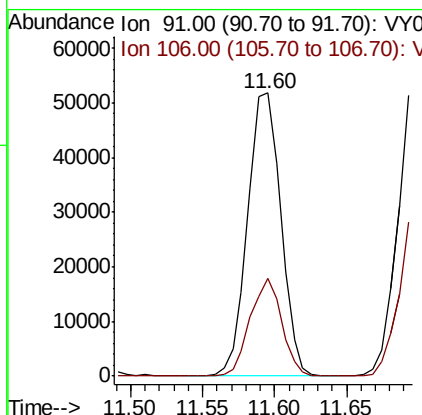
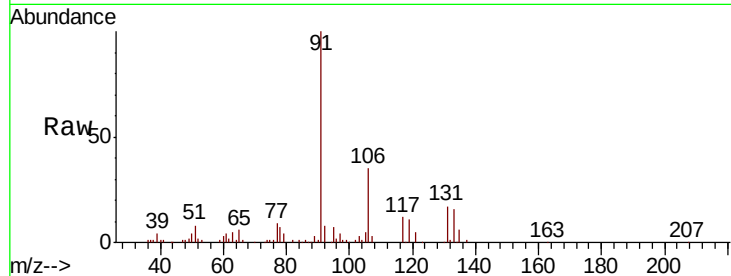
#67
Ethyl Benzene
Concen: 5.103 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 82778
Ion Ratio Lower Upper
91 100
106 34.5 25.9 38.9

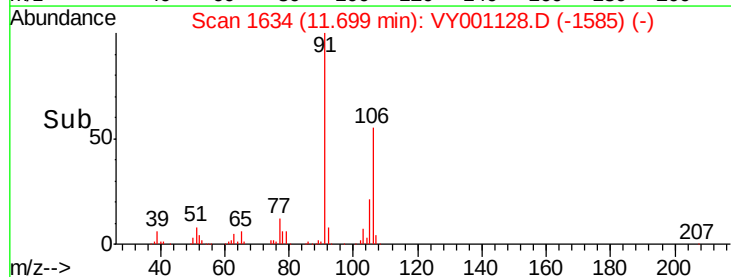
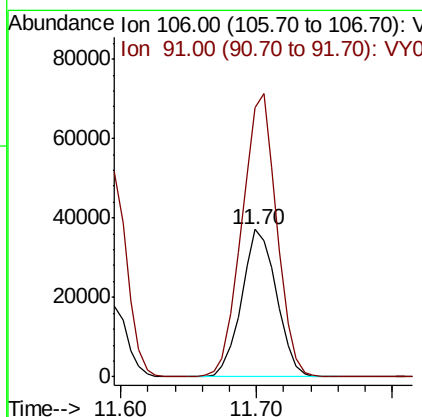
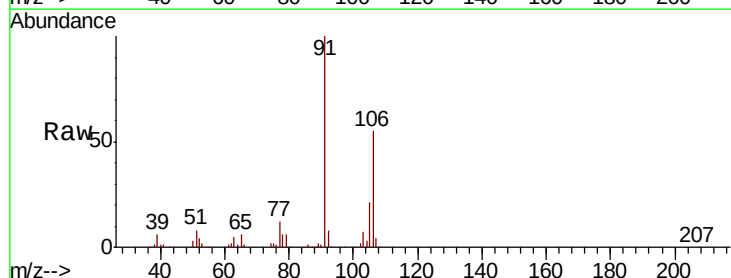
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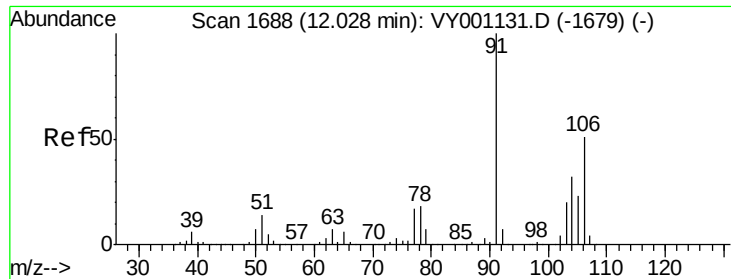
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#68
m/p-Xylenes
Concen: 10.753 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion: 106 Resp: 66523
Ion Ratio Lower Upper
106 100
91 191.7 154.3 231.5





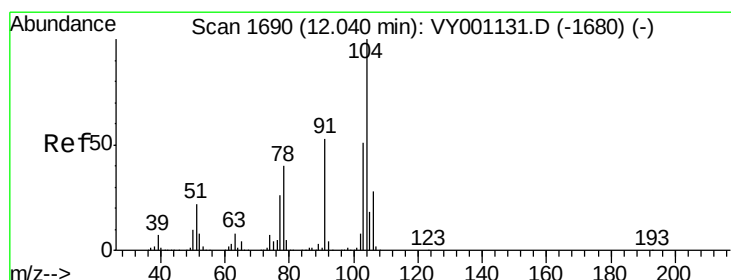
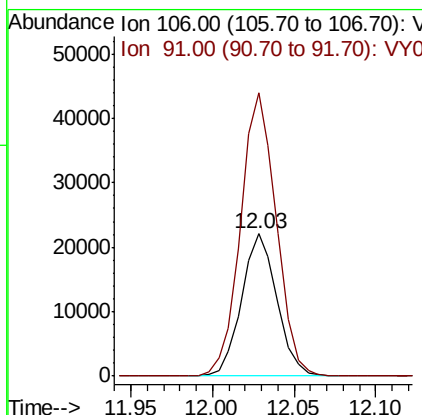
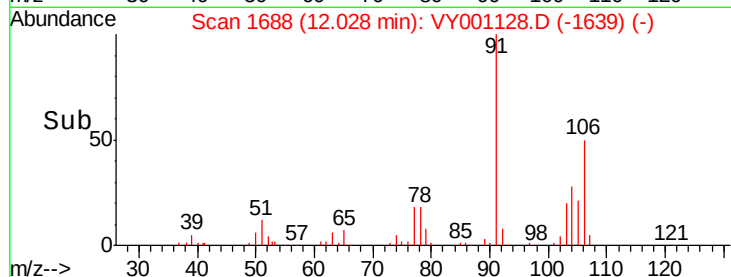
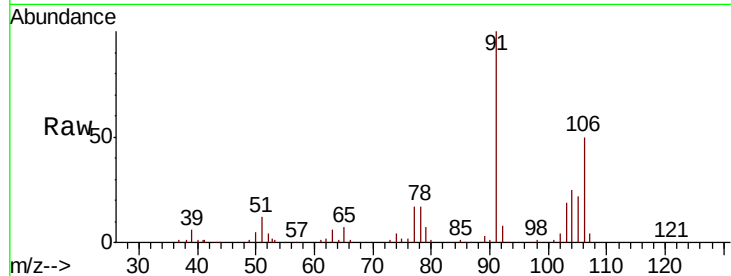
#69
o-Xylene
Concen: 5.730 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC005

Tot Ion:106 Resp: 33344
Ion Ratio Lower Upper
106 100
91 200.1 100.8 302.4

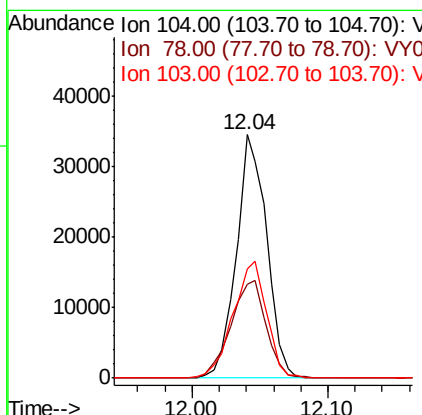
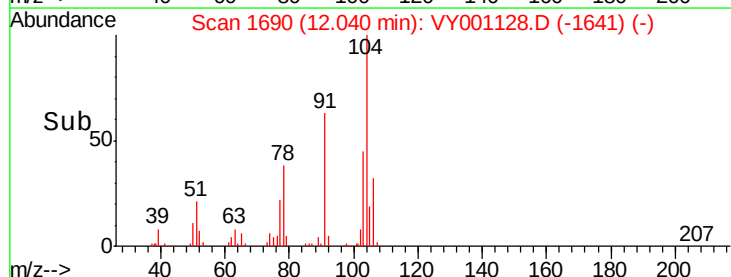
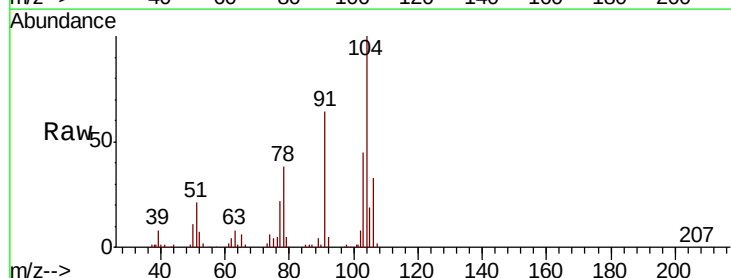
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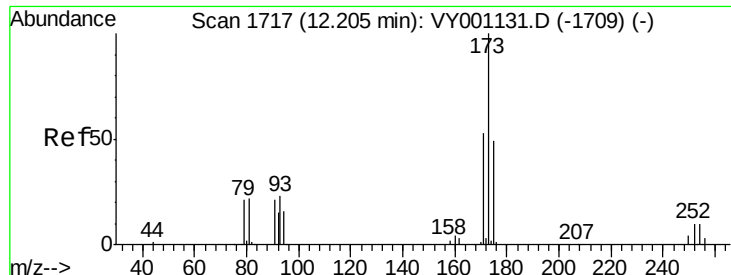
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#70
Styrene
Concen: 5.402 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion:104 Resp: 53464
Ion Ratio Lower Upper
104 100
78 46.7 34.7 52.1
103 53.2 42.6 64.0





#71

Bromoform

Concen: 6.134 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:173 Resp: 10285

Ion Ratio Lower Upper

173 100

175 48.7 24.4 73.2

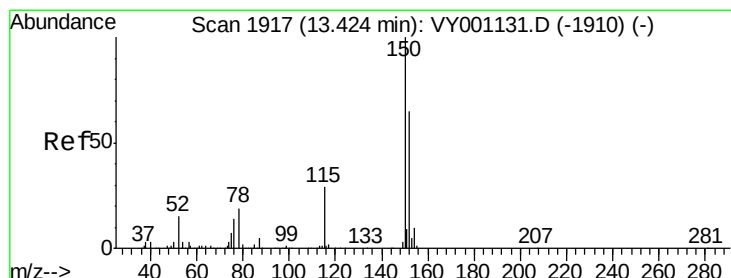
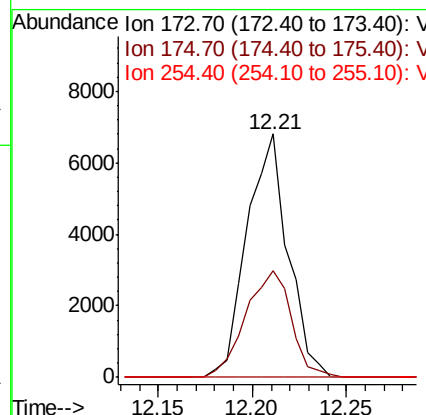
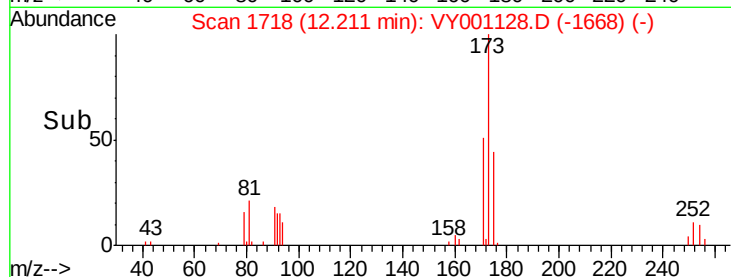
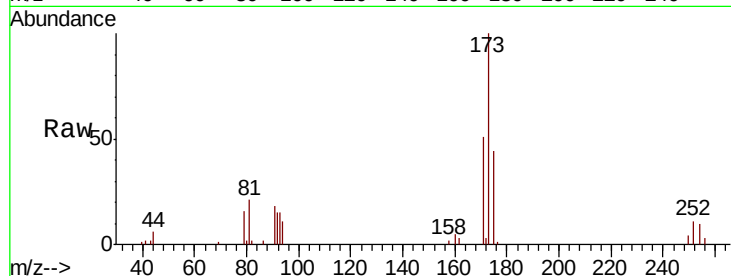
254 0.0 0.1 0.1#

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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: VY001128.D

Acq: 02 Jan 2020 10:42

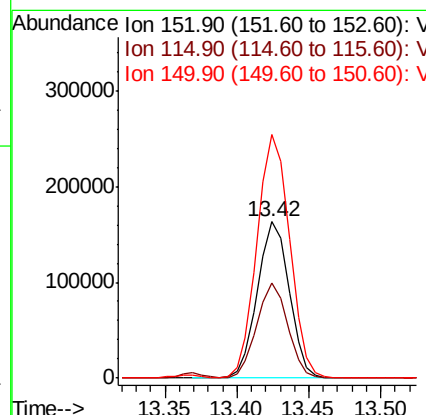
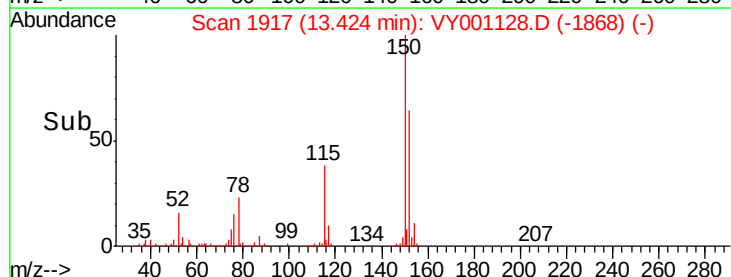
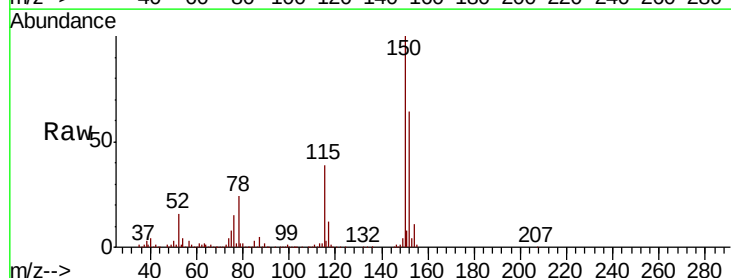
Tgt Ion:152 Resp: 249266

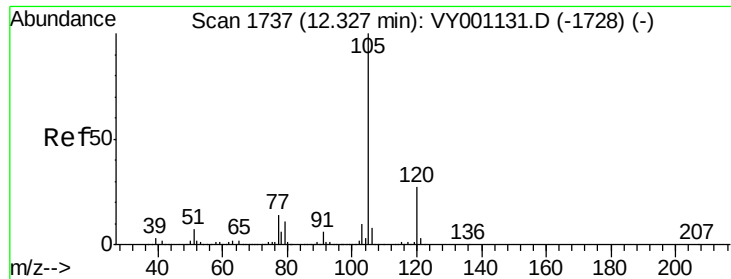
Ion Ratio Lower Upper

152 100

115 58.9 27.7 83.0

150 159.7 0.0 342.6





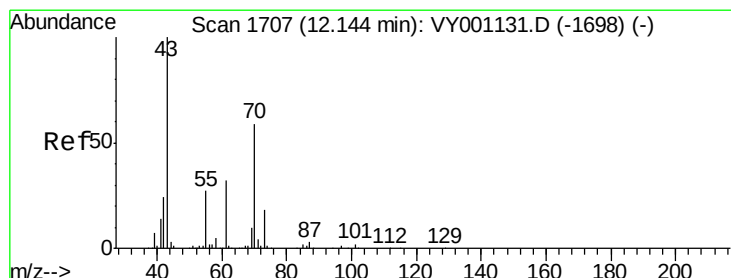
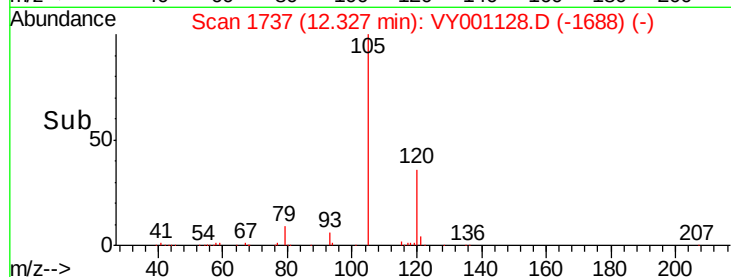
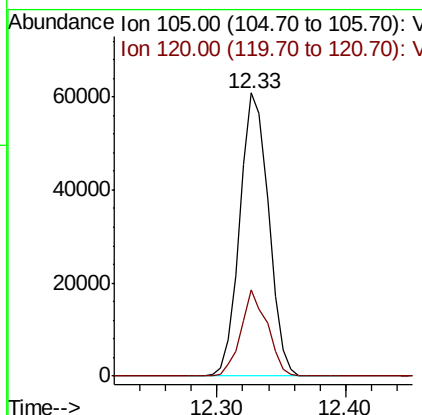
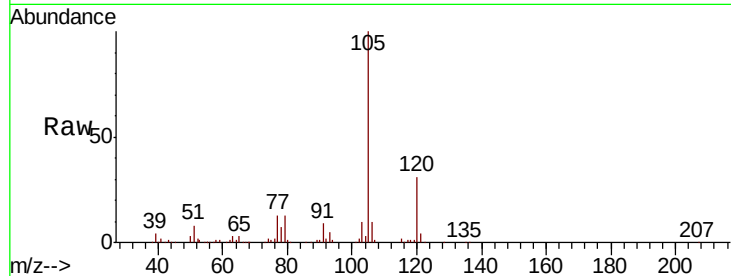
#73
Isopropylbenzene
Concen: 4.827 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
120	28.0	13.9	41.7

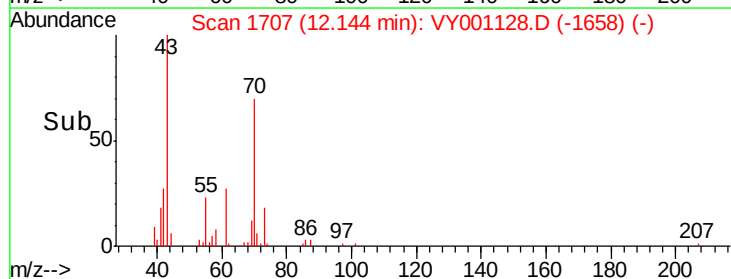
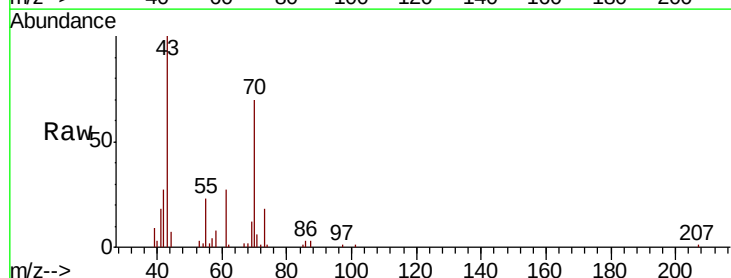
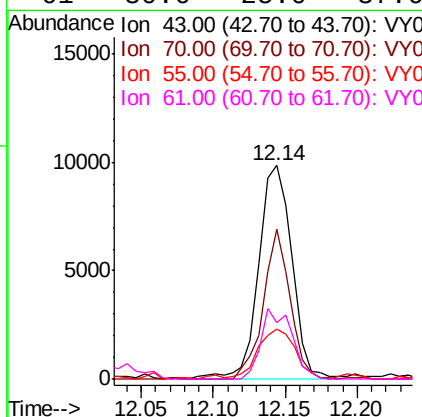
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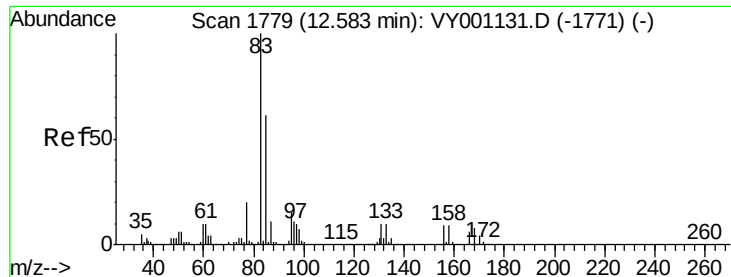
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#74
N-ethyl acetate
Concen: 3.241 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
43	100		
70	56.2	46.2	69.4
55	26.0	21.3	31.9
61	30.6	25.0	37.6





#75

1,1,2,2-Tetrachloroethane

Concen: 4.365 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

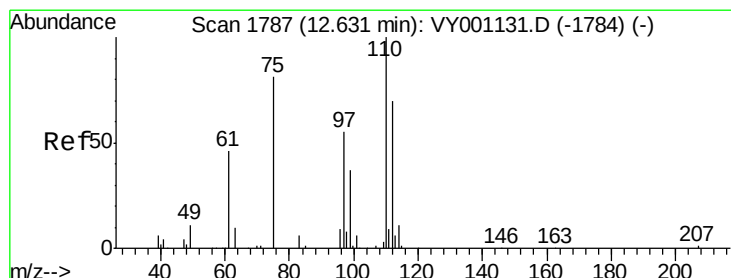
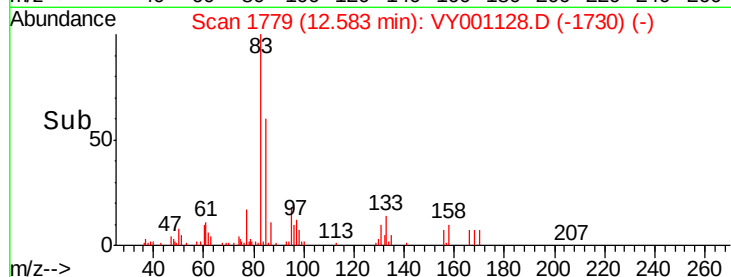
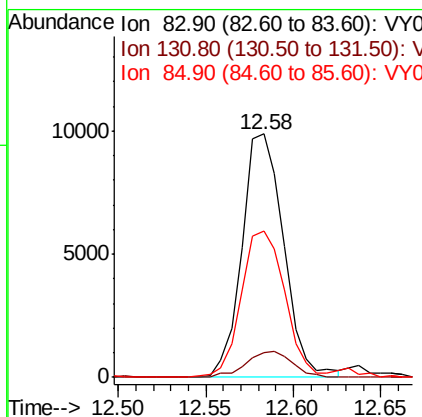
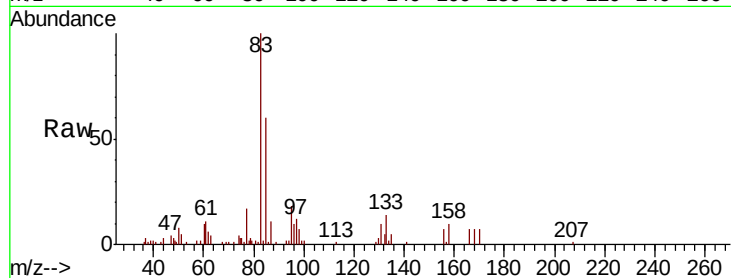
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	16348
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.5	16.7
85	63.1	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 4.118 ug/l m

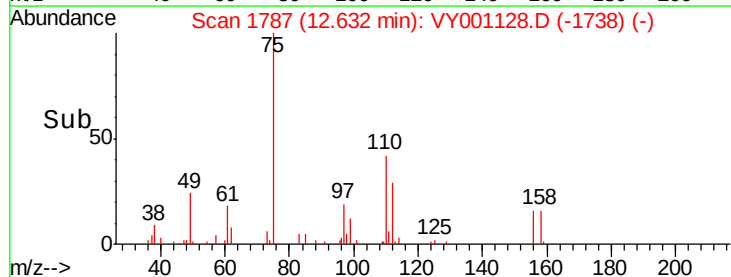
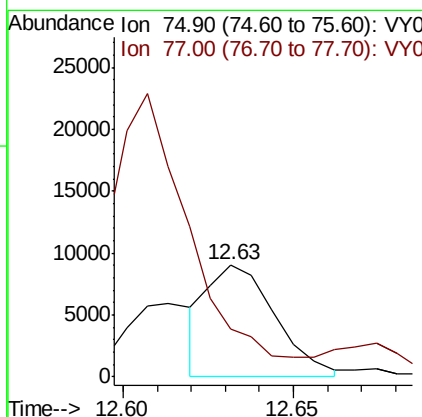
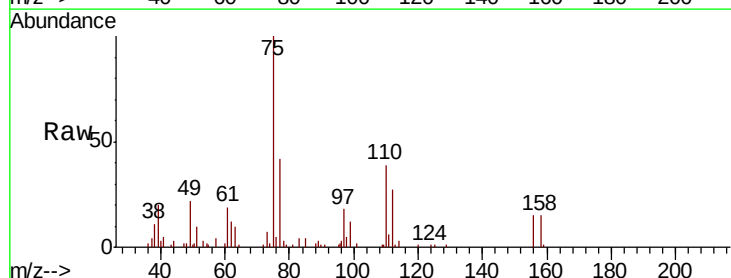
RT: 12.63 min Scan# 1787

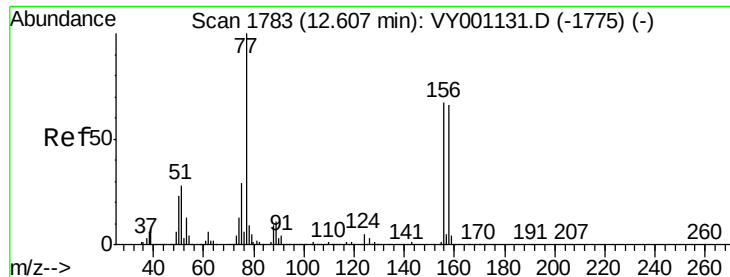
Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Tgt Ion:	75	Resp:	12606
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 5.300 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:156 Resp: 23374

Ion Ratio Lower Upper

156 100

77 167.8 85.9 257.7

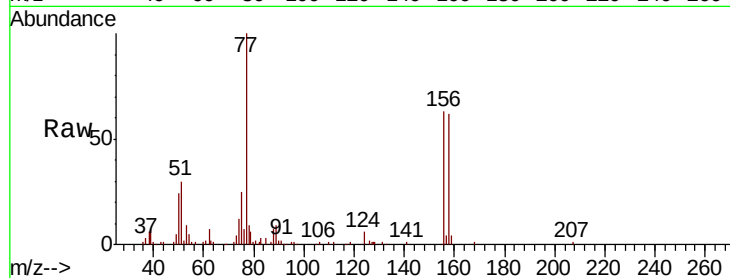
158 95.9 49.7 149.1

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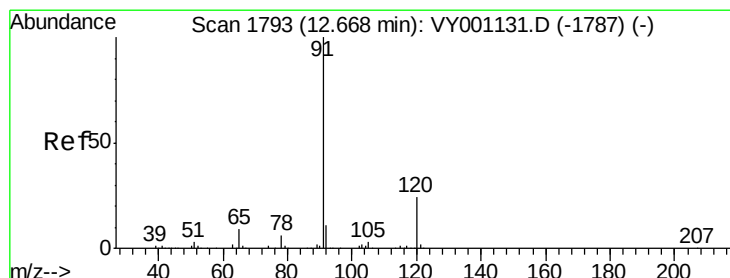
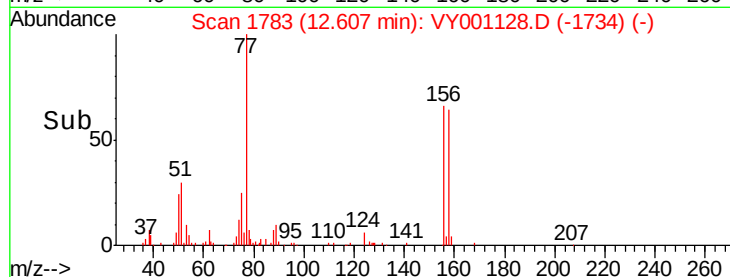
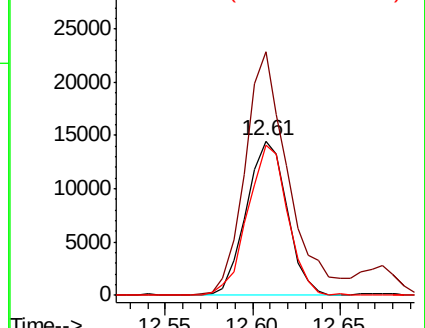
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.865 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY001128.D

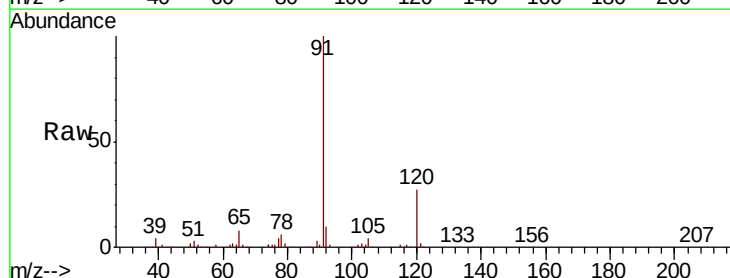
Acq: 02 Jan 2020 10:42

Tgt Ion: 91 Resp: 114988

Ion Ratio Lower Upper

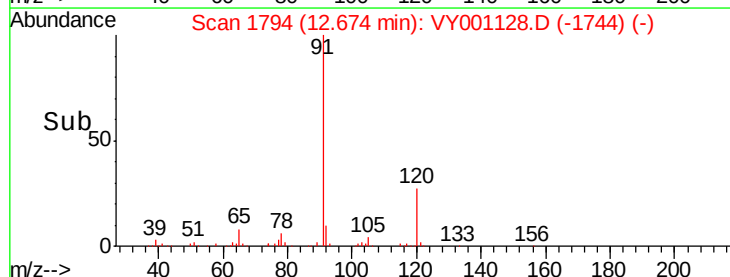
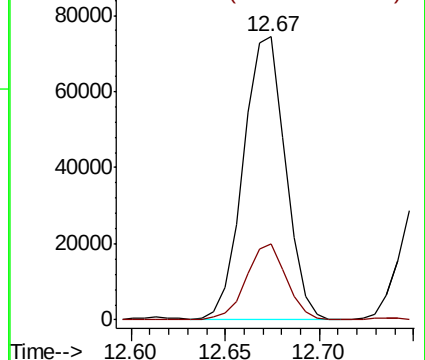
91 100

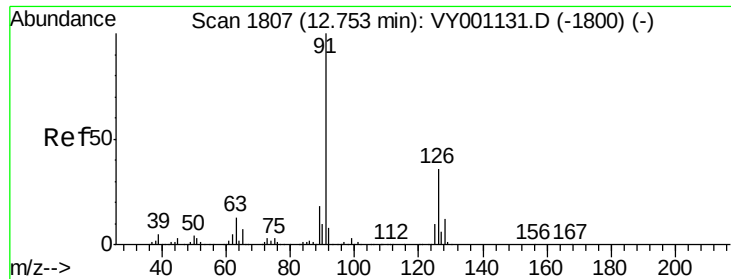
120 25.6 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.975 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC005

Tot Ion: 91 Resp: 64792

Ion Ratio Lower Upper

91 100

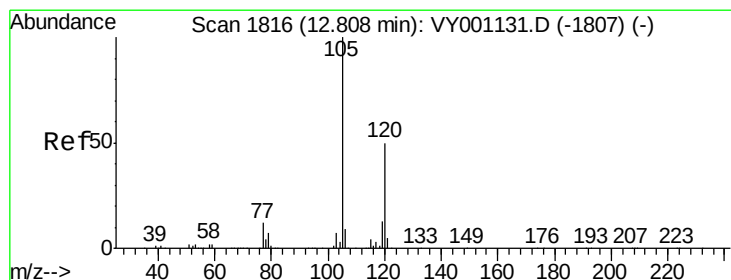
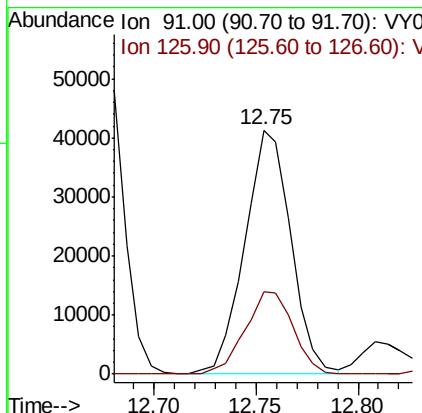
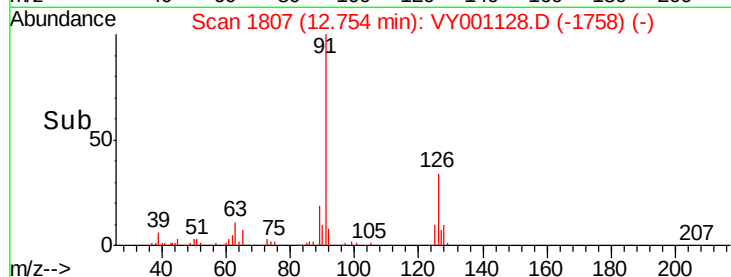
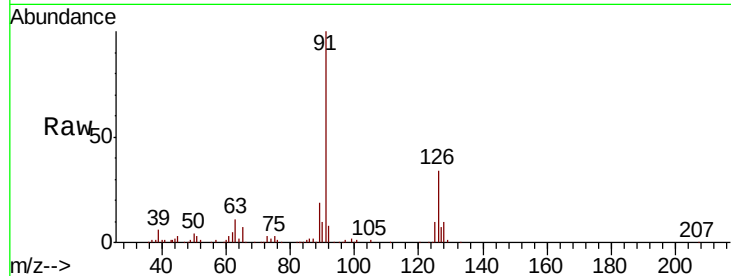
126 35.1 18.3 54.8

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#80

1,3,5-Trimethylbenzene

Concen: 5.421 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001128.D

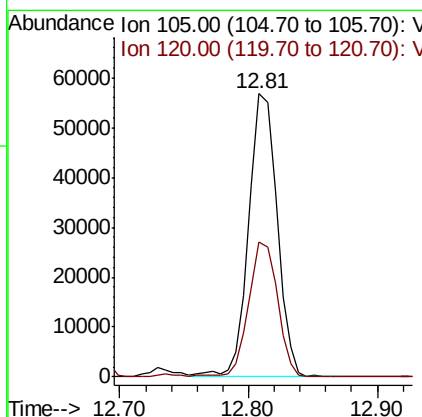
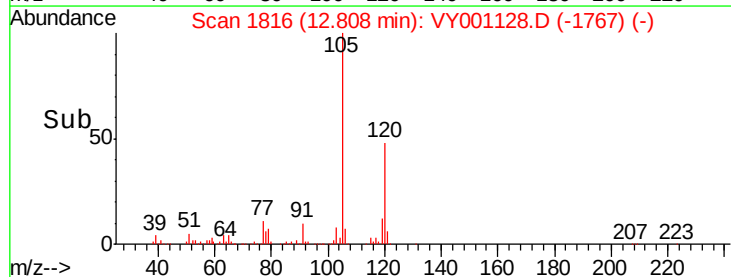
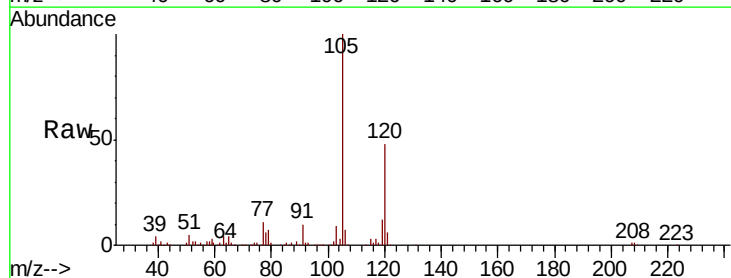
Acq: 02 Jan 2020 10:42

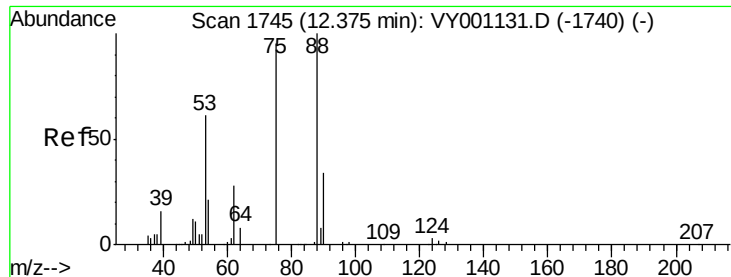
Tgt Ion: 105 Resp: 86655

Ion Ratio Lower Upper

105 100

120 48.3 25.1 75.3





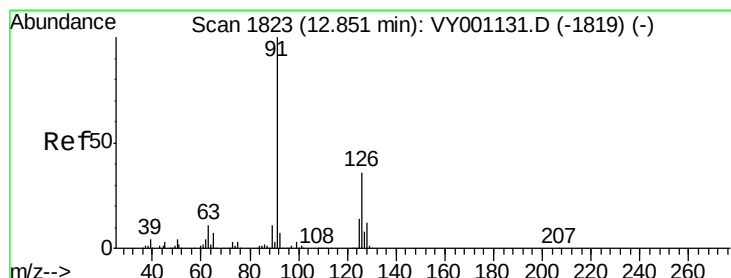
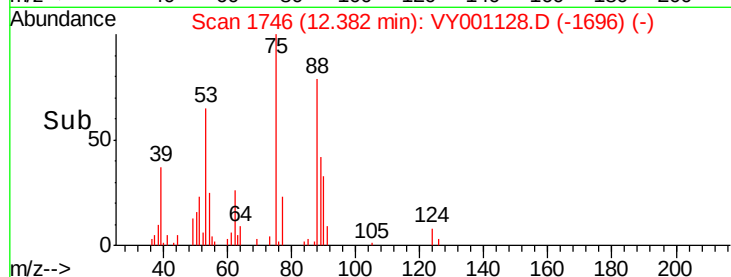
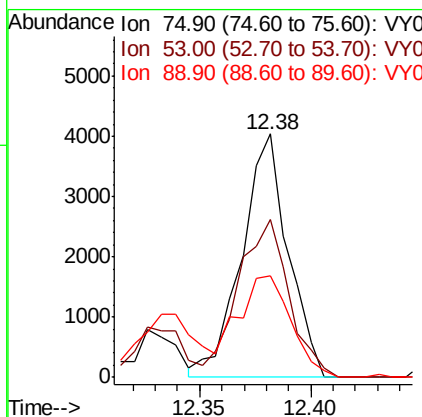
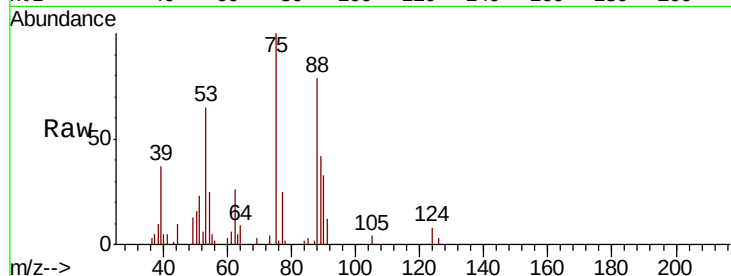
#81
trans-1,4-Dichloro-2-butene
Concen: 4.110 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	71.2	55.6	83.4
89	47.9	34.7	52.1

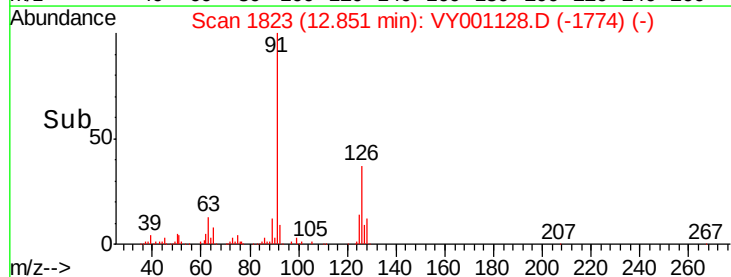
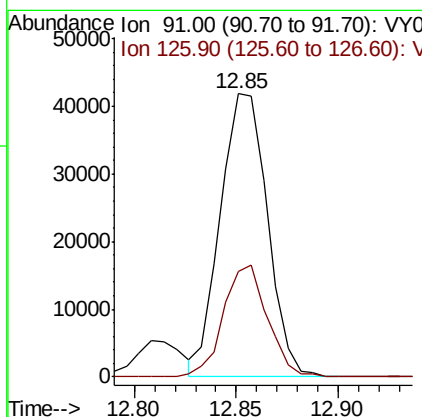
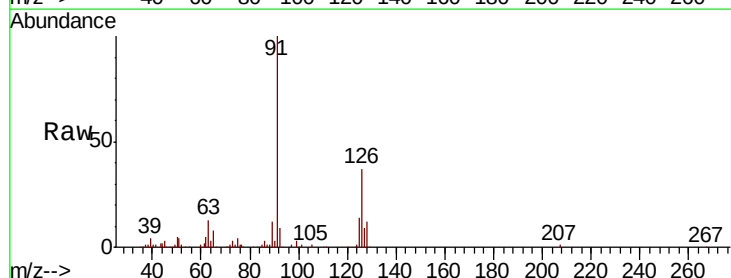
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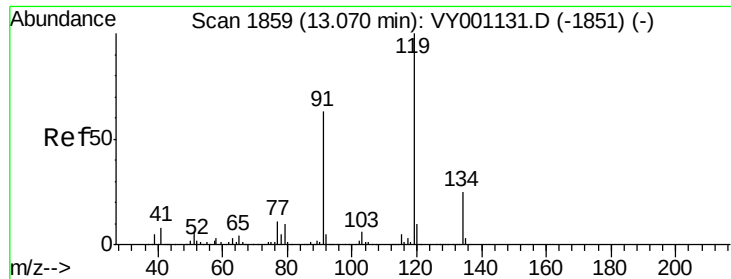
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#82
4-Chlorotoluene
Concen: 4.979 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.8	18.6	56.0





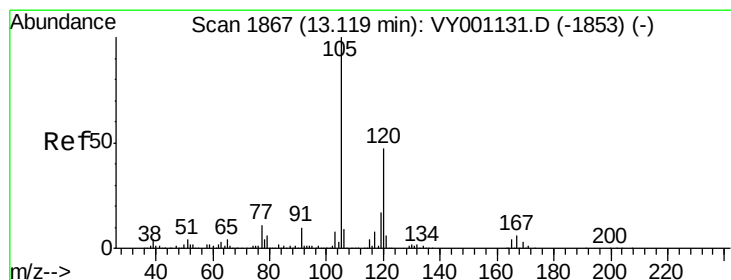
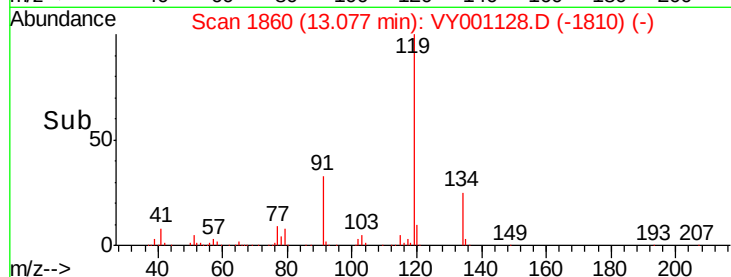
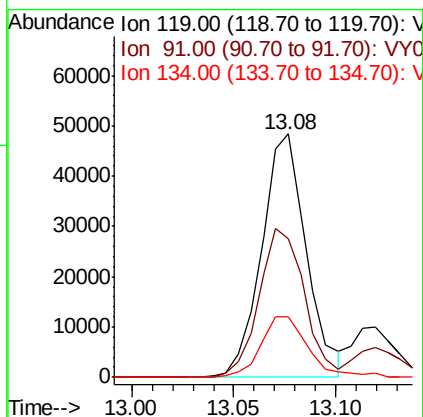
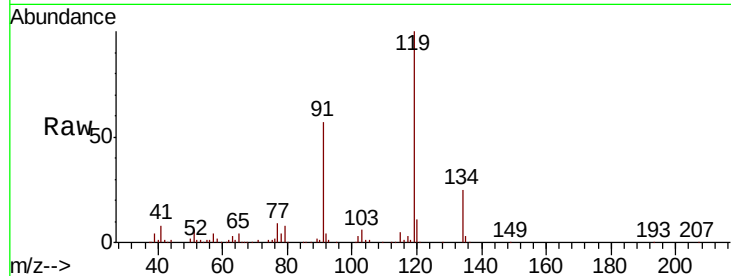
#83
 tert-Butylbenzene
 Concen: 5.446 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.2	30.9	92.7
134	26.9	13.2	39.5

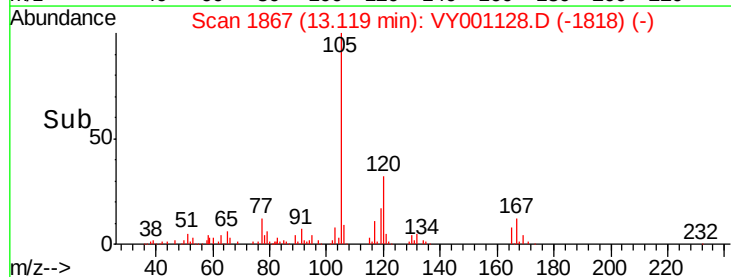
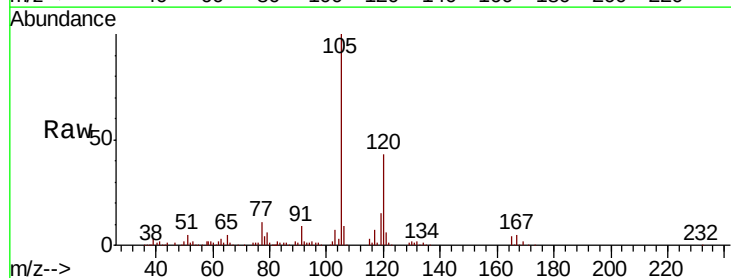
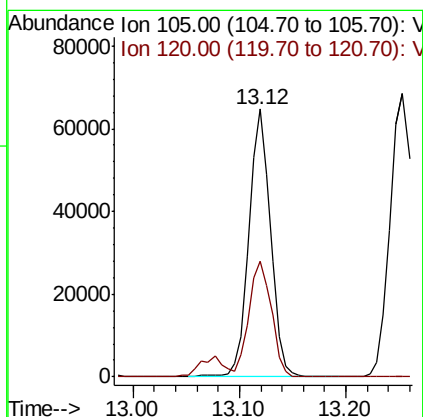
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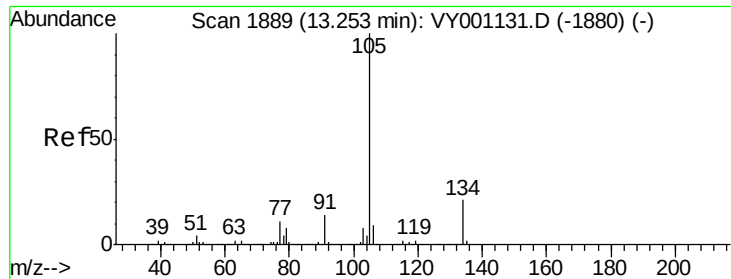
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#84
 1,2,4-Trimethylbenzene
 Concen: 5.790 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	24.0	72.0





#85

sec-Butylbenzene

Concen: 5.156 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 101905

Ion Ratio Lower Upper

105 100

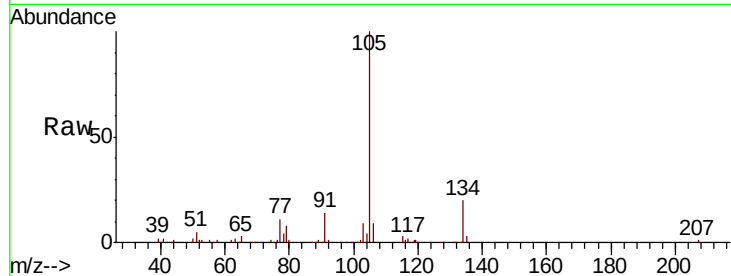
134 20.5 10.2 30.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

80000

60000

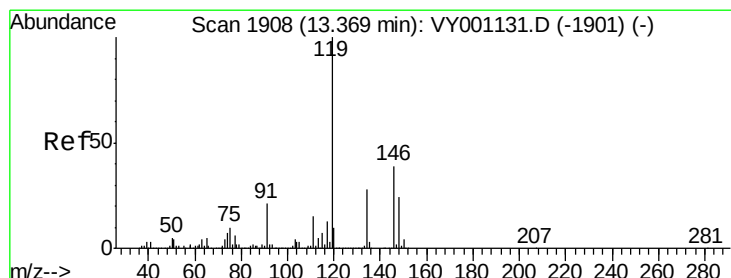
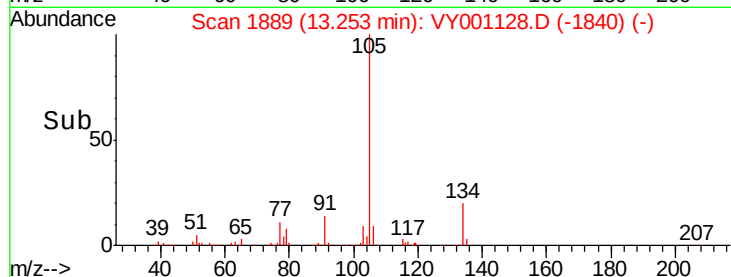
40000

20000

0

Time-->

13.20 13.30



#86

p-Isopropyltoluene

Concen: 5.525 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

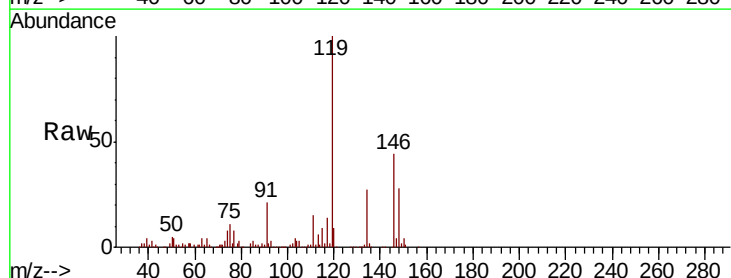
Tgt Ion:119 Resp: 94722

Ion Ratio Lower Upper

119 100

134 27.6 13.8 41.3

91 22.5 11.1 33.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

80000

60000

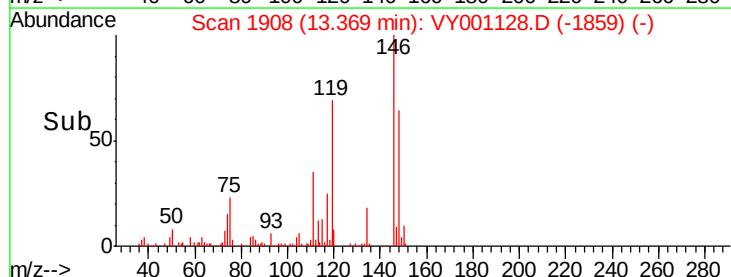
40000

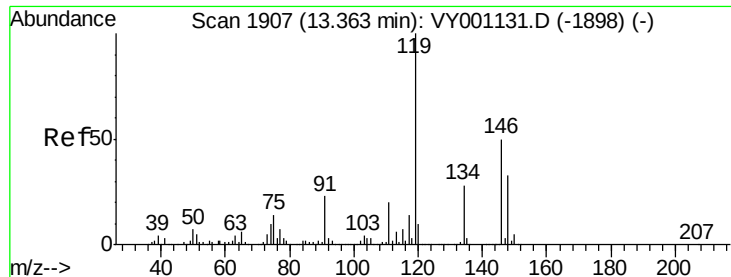
20000

0

Time-->

13.30 13.35 13.40





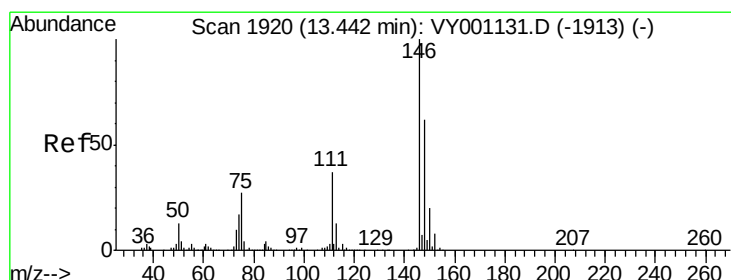
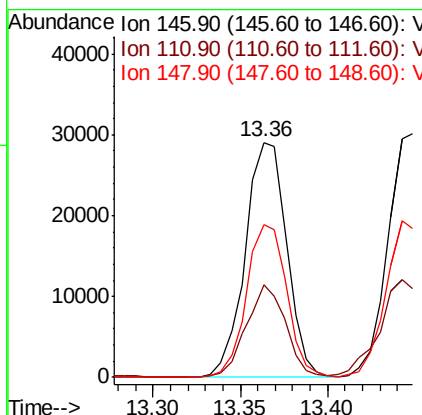
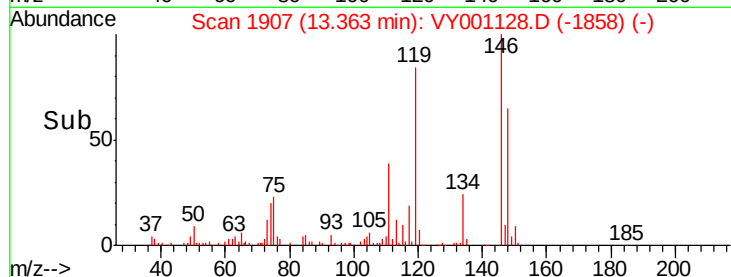
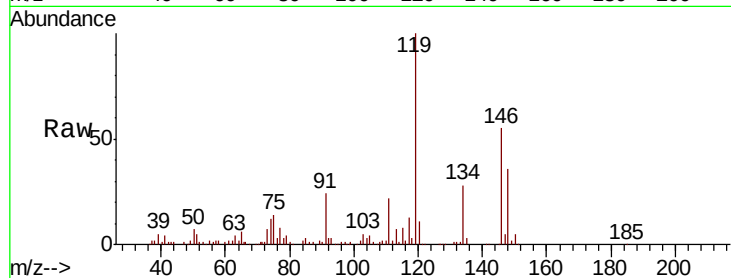
#87
 1,3-Dichlorobenzene
 Concen: 5.691 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.5	58.5
148	62.8	31.9	95.7

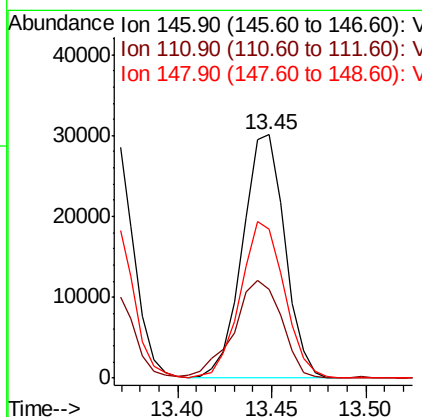
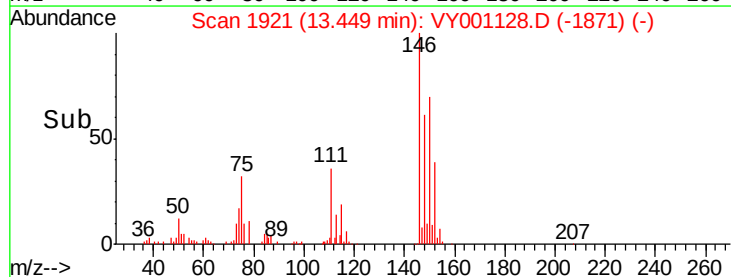
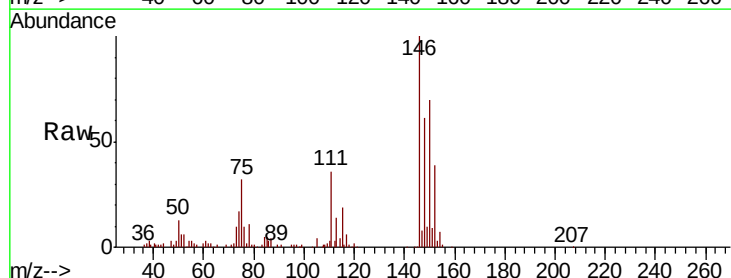
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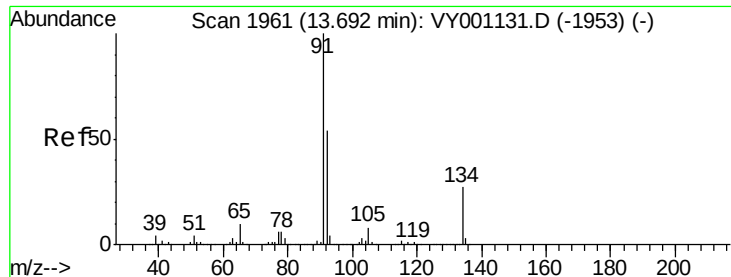
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#88
 1,4-Dichlorobenzene
 Concen: 5.527 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.8	19.1	57.3
148	66.9	32.0	96.0





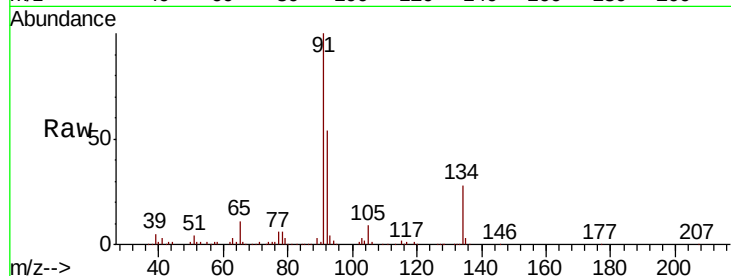
#89
n-Butylbenzene
Concen: 5.211 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.2	81.5
134	28.9	14.1	42.4

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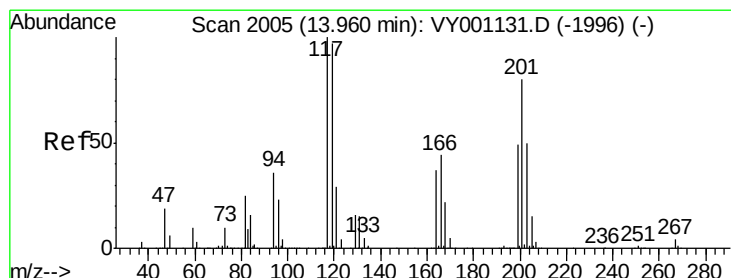
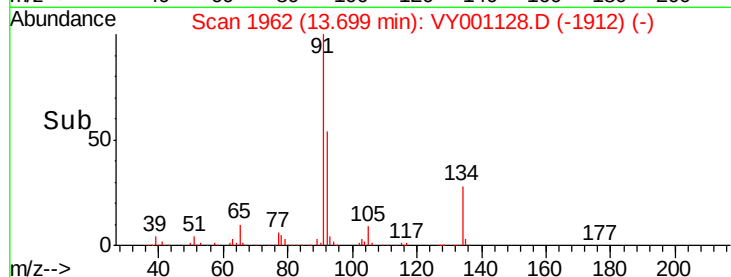
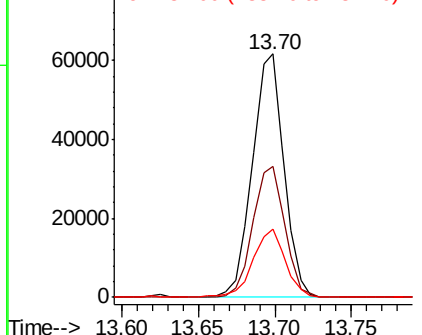


Abundance

Ion 91.00 (90.70 to 91.70): VY001131.D (-1953) (-)

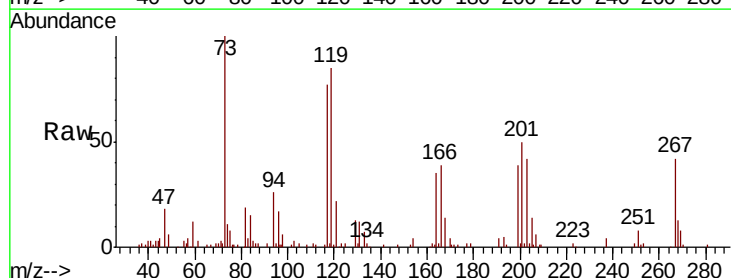
Ion 92.00 (91.70 to 92.70): VY001128.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY001128.D (-1912) (-)



#90
Hexachloroethane
Concen: 5.091 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

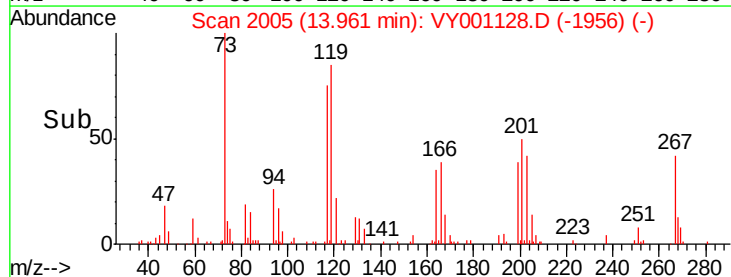
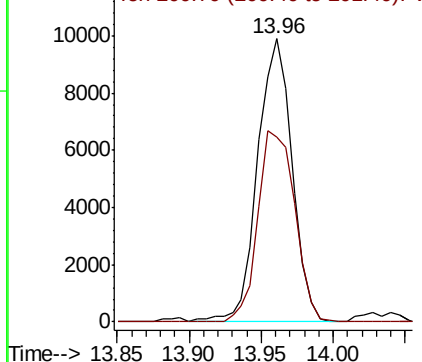
Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.5	38.0	114.0

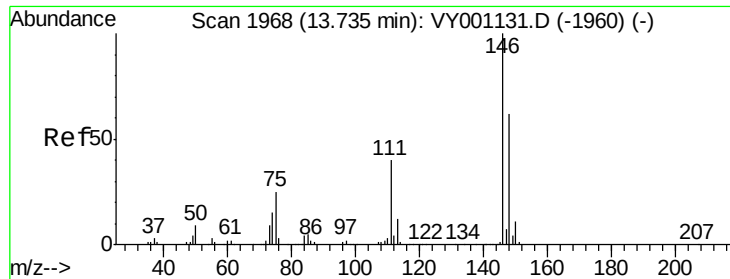


Abundance

Ion 116.80 (116.50 to 117.50): VY001131.D (-1996) (-)

Ion 200.70 (200.40 to 201.40): VY001128.D (-1956) (-)





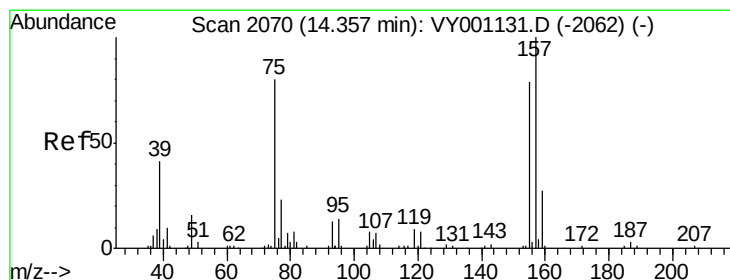
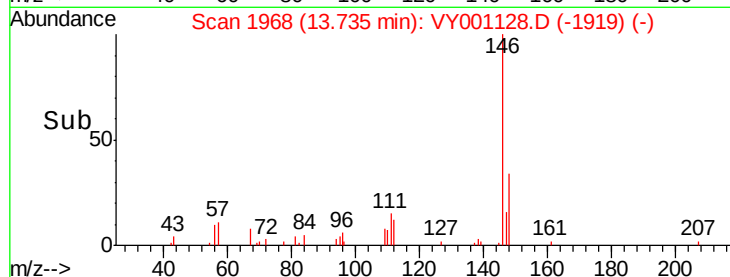
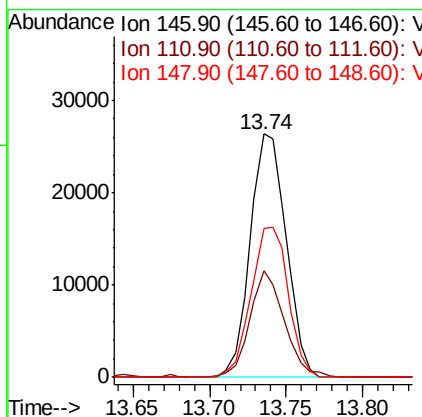
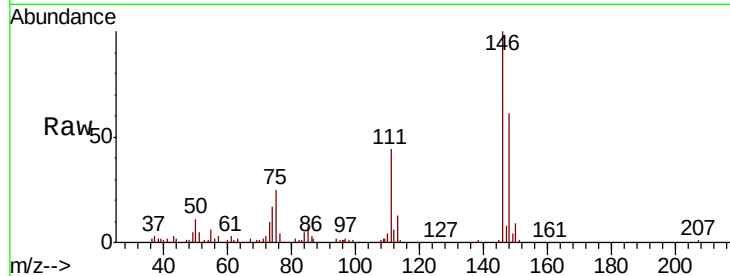
#91
 1,2-Dichlorobenzene
 Concen: 5.568 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.1	60.3
148	63.7	31.9	95.5

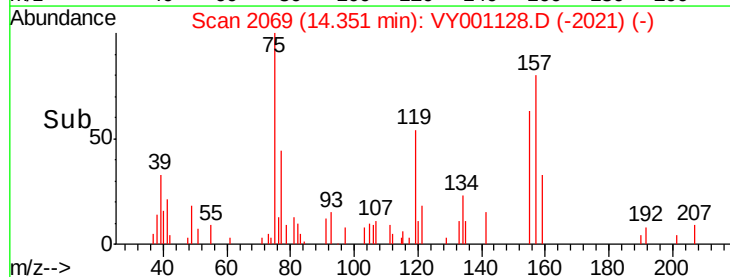
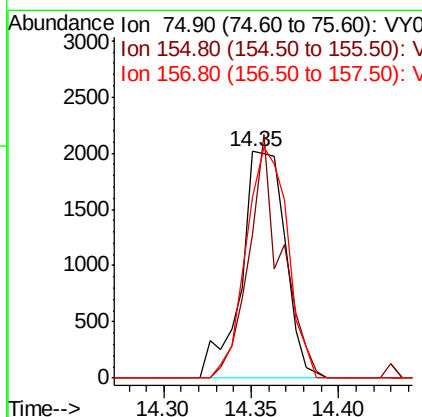
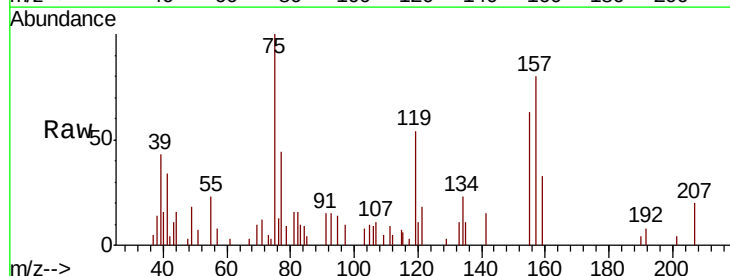
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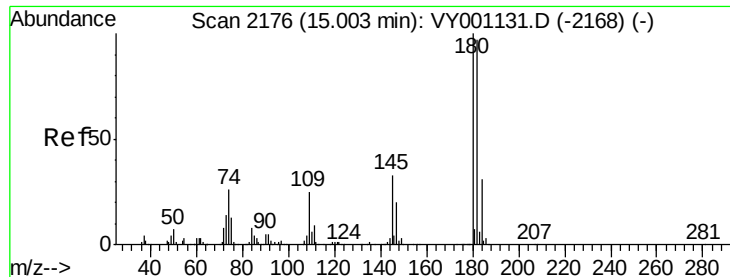
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.661 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.7	50.4	151.3
157	96.1	64.0	192.0





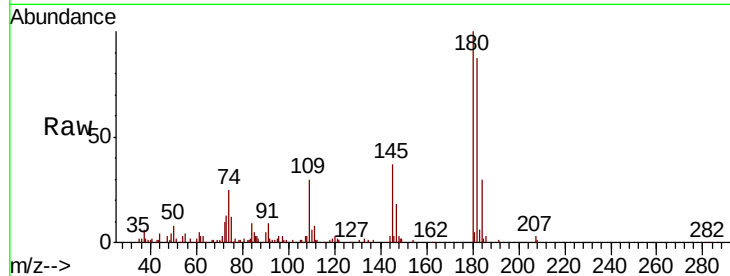
#93
 1,2,4-Trichlorobenzene
 Concen: 5.637 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
180	100	29588		
182	93.4	48.6	145.8	
145	36.8	16.1	48.3	

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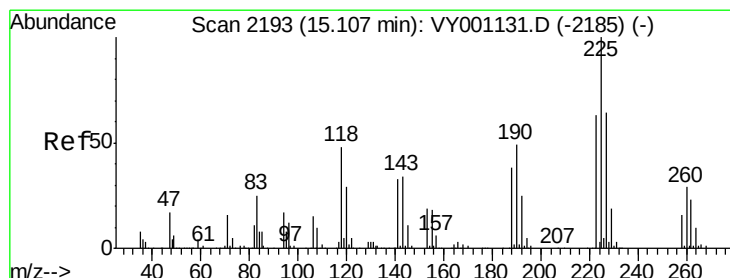
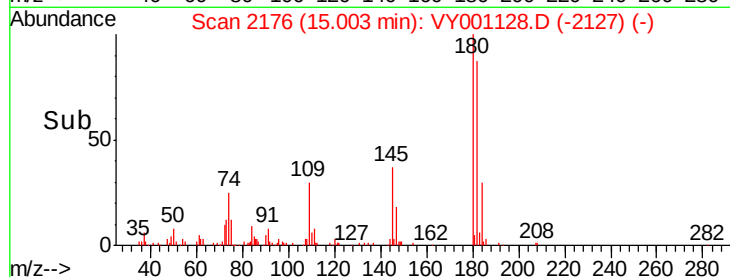
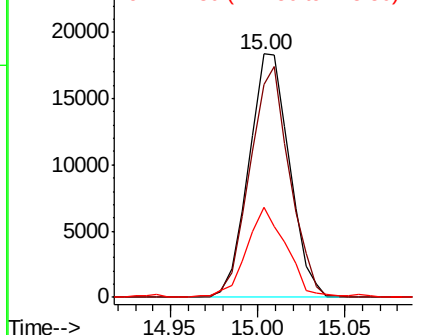


Abundance

Ion 179.80 (179.50 to 180.50): V

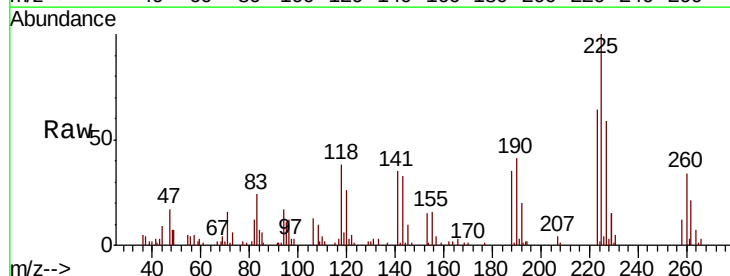
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 6.183 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	15637		
223	63.5	31.8	95.3	
227	65.6	32.6	97.7	

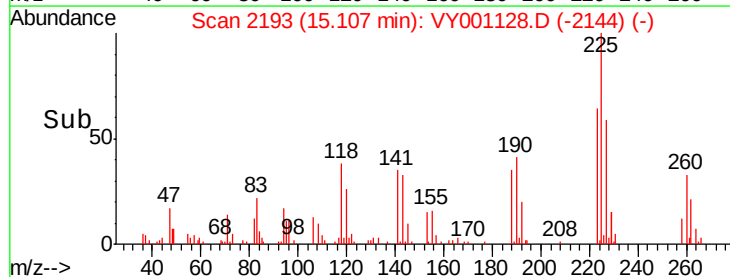
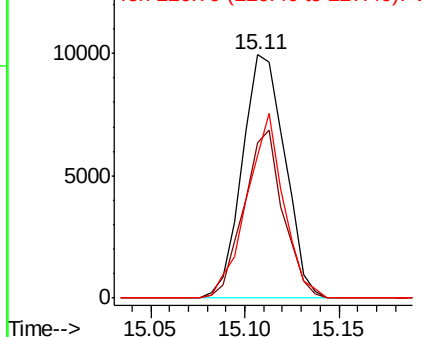


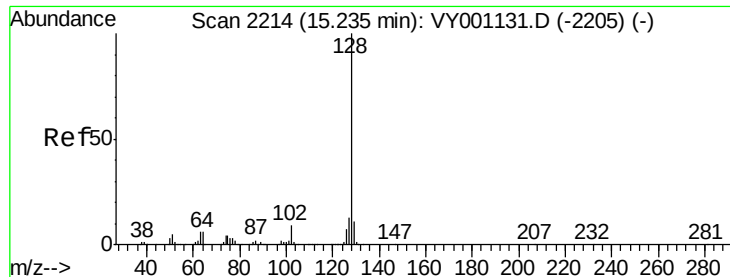
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





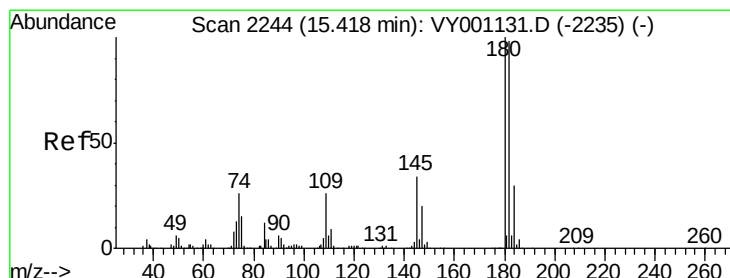
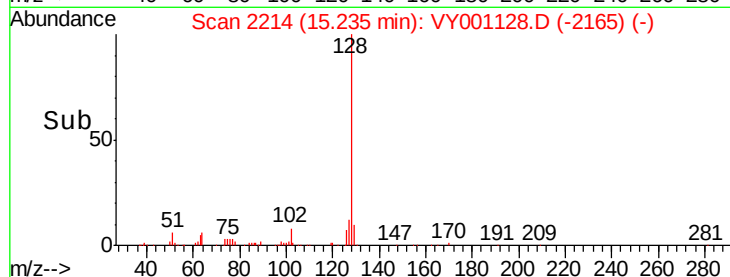
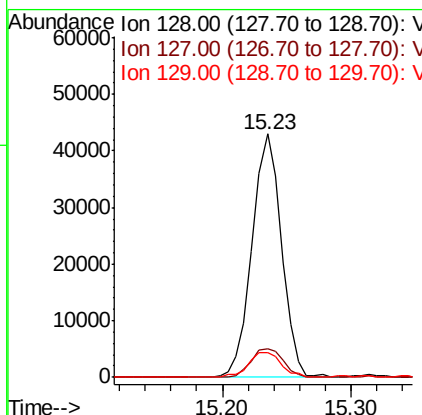
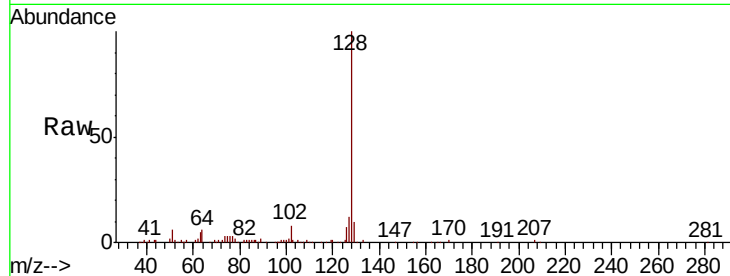
#95
Naphthalene
Concen: 5.553 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	11.9	8.7	13.1

Manual Integrations
APPROVED

apatel
1/3/2020 11:11:09 AM



#96
1,2,3-Trichlorobenzene
Concen: 5.721 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.8	143.3
145	36.0	16.5	49.5

