

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
 Data File : VY013284.D
 Acq On : 13 Apr 2023 10:35
 Operator : KP/MD
 Sample : VY0413SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0413SBL01

Quant Time: Apr 14 02:57:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

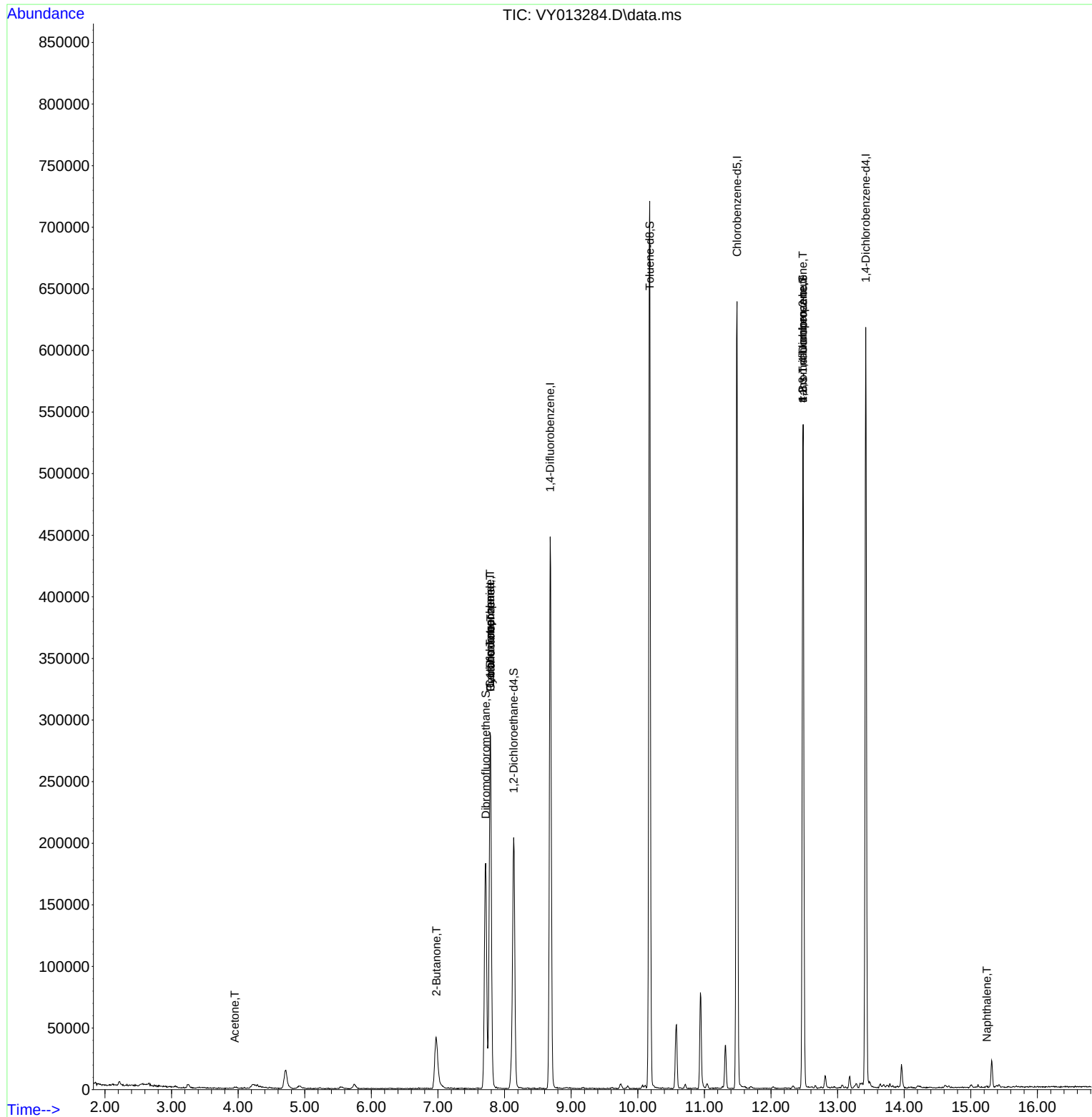
Internal Standards						
1) Pentafluorobenzene	7.789	168	220422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	363963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	328900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	154643	58.379	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.760%
35) Dibromofluoromethane	7.716	113	129850	55.108	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.220%
50) Toluene-d8	10.179	98	457333	52.145	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.280%
62) 4-Bromofluorobenzene	12.477	95	141586	49.686	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.380%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.930	59	2661	Below Cal	#	74
16) Acetone	3.948	43	2590	2.844	ug/l #	57
25) 2-Butanone	6.978	43	3190	2.735	ug/l #	69
31) Cyclohexane	7.789	56	5620	1.403	ug/l #	53
36) 1,1-Dichloropropene	7.783	75	17536	4.913	ug/l #	50
38) Carbon Tetrachloride	7.783	117	22243	5.635	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	77945	41.467	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	77945	86.065	ug/l #	13
95) Naphthalene	15.239	128	1055	3.354	ug/l	97

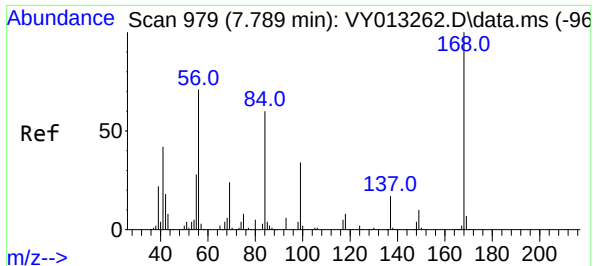
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
Data File : VY013284.D
Acq On : 13 Apr 2023 10:35
Operator : KP/MD
Sample : VY0413SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBL01

Quant Time: Apr 14 02:57:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration

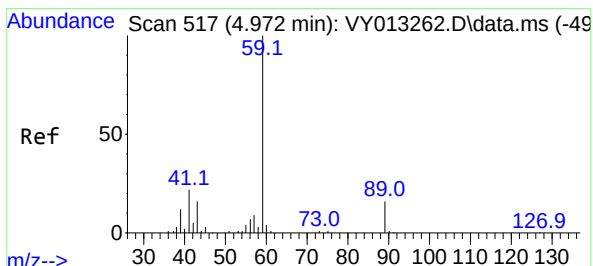
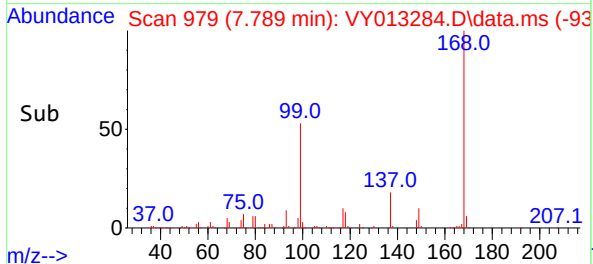
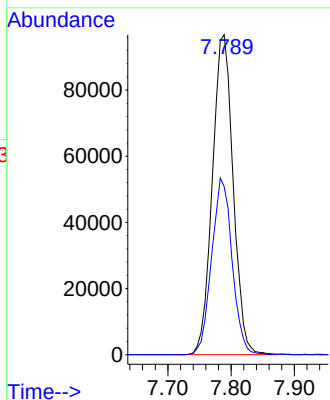
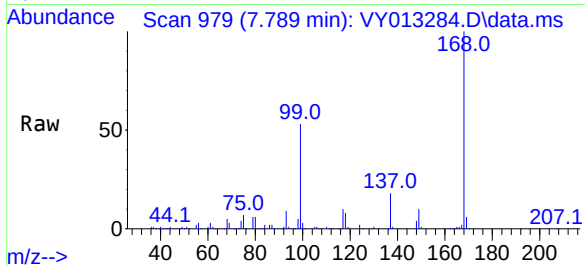




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013284.D
Acq: 13 Apr 2023 10:35

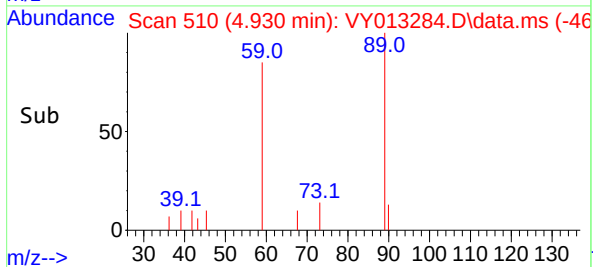
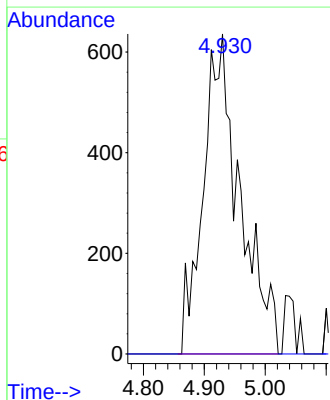
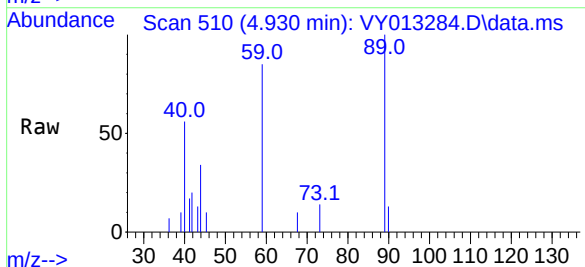
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBL01

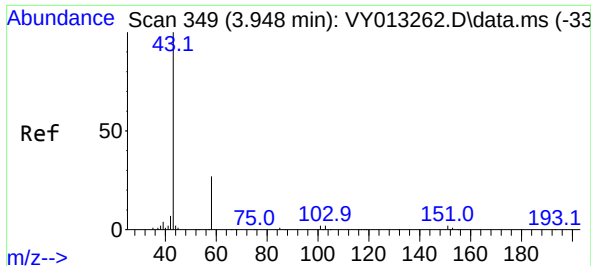
Tgt Ion:168 Resp: 220422
Ion Ratio Lower Upper
168 100
99 52.6 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.042 min
Lab File: VY013284.D
Acq: 13 Apr 2023 10:35

Tgt Ion: 59 Resp: 2661
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

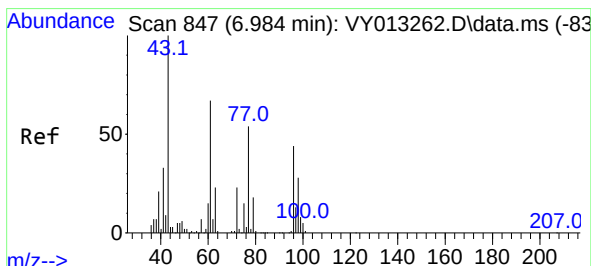
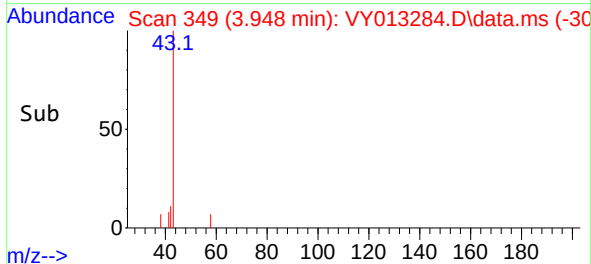
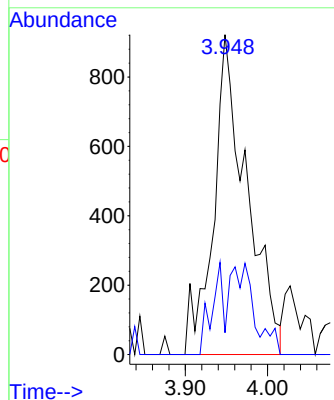
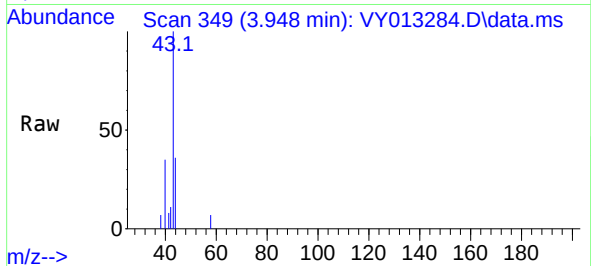




#16
Acetone
Concen: 2.844 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013284.D
Acq: 13 Apr 2023 10:35

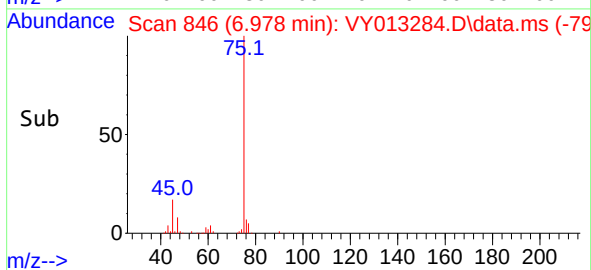
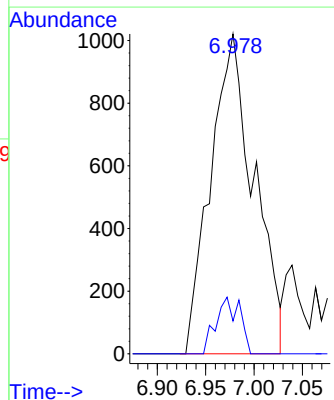
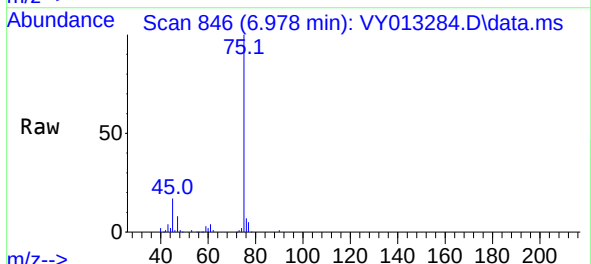
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBL01

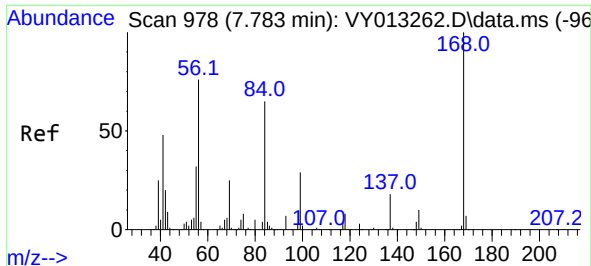
Tgt Ion: 43 Resp: 2590
Ion Ratio Lower Upper
43 100
58 6.8 24.2 36.2#



#25
2-Butanone
Concen: 2.735 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY013284.D
Acq: 13 Apr 2023 10:35

Tgt Ion: 43 Resp: 3190
Ion Ratio Lower Upper
43 100
72 10.3 21.0 31.4#

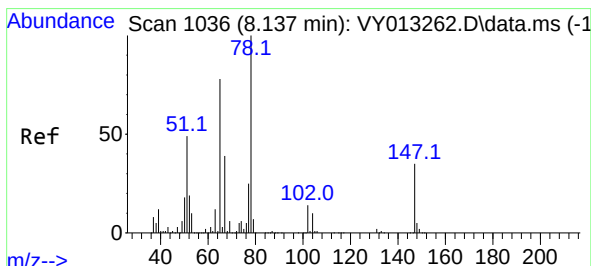
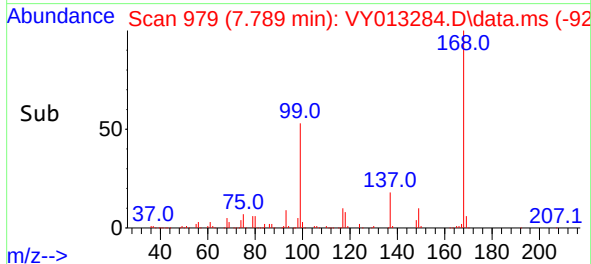
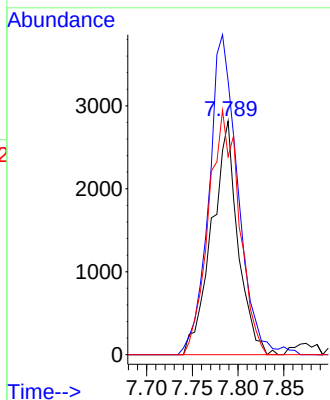
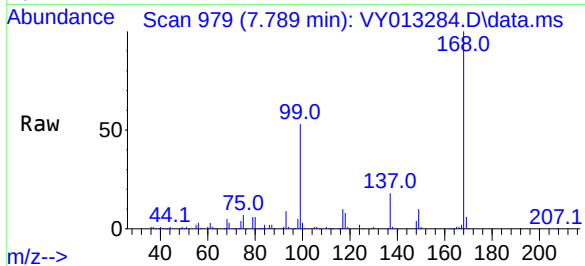




#31
Cyclohexane
Concen: 1.403 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013284.D
Acq: 13 Apr 2023 10:35

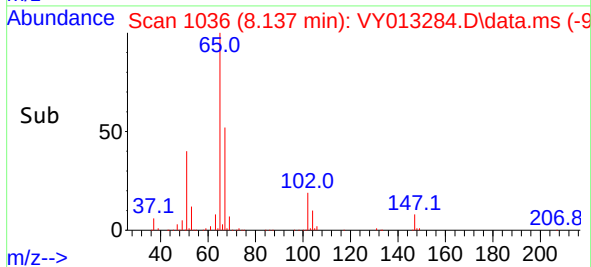
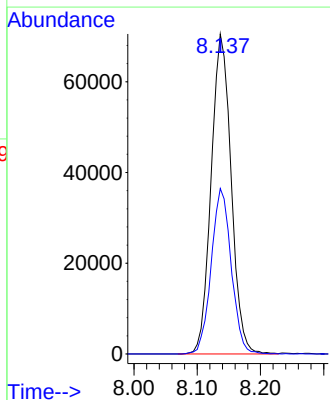
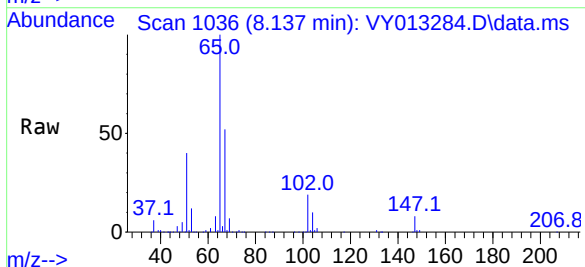
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBL01

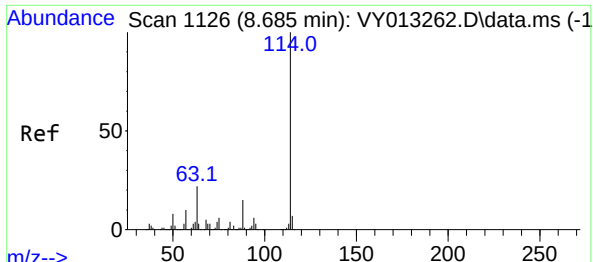
Tgt Ion: 56 Resp: 5620
Ion Ratio Lower Upper
56 100
69 117.2 25.7 38.5#
84 84.8 64.3 96.5



#33
1,2-Dichloroethane-d4
Concen: 58.379 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013284.D
Acq: 13 Apr 2023 10:35

Tgt Ion: 65 Resp: 154643
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0

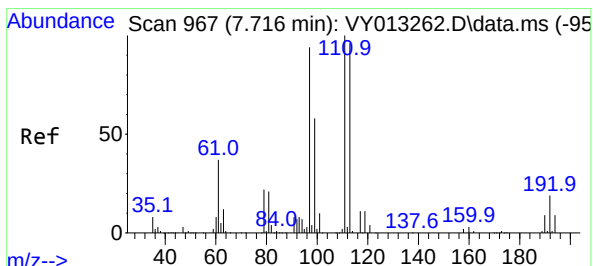
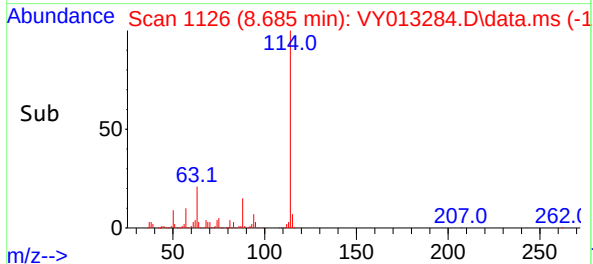
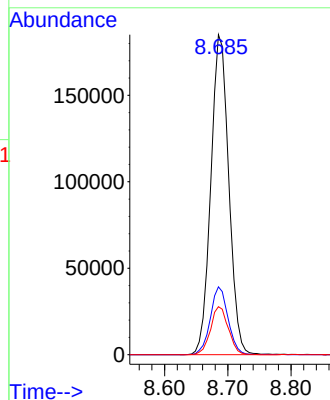
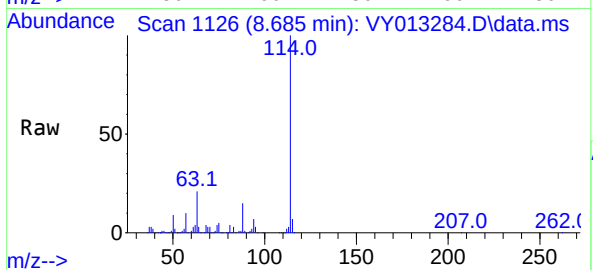




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013284.D
Acq: 13 Apr 2023 10:35

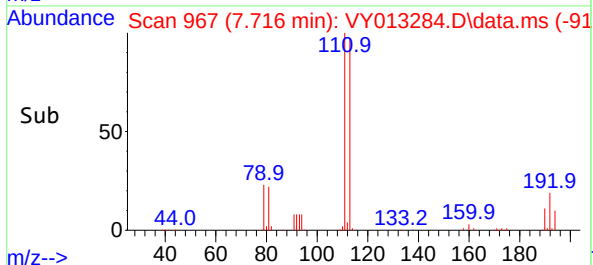
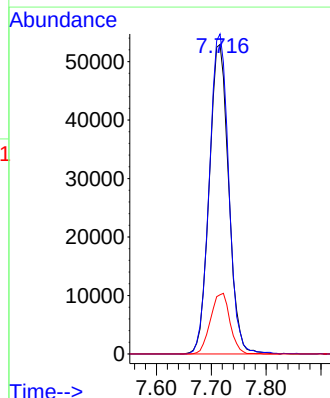
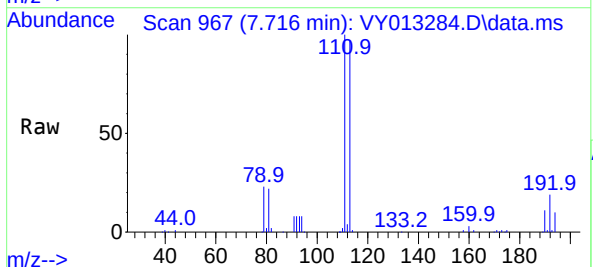
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBL01

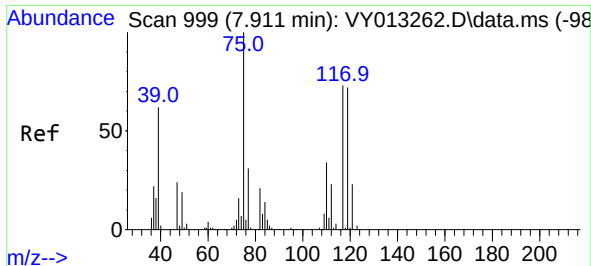
Tgt Ion:114 Resp: 363963
Ion Ratio Lower Upper
114 100
63 21.2 0.0 37.4
88 15.0 0.0 28.6



#35
Dibromofluoromethane
Concen: 55.108 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013284.D
Acq: 13 Apr 2023 10:35

Tgt Ion:113 Resp: 129850
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.6 16.8 25.2

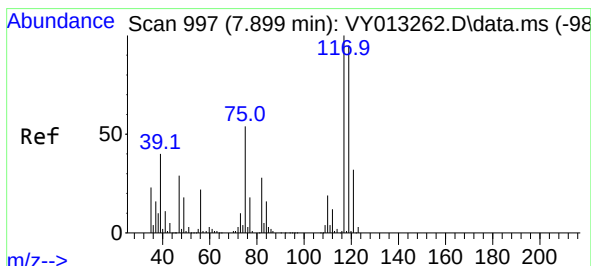
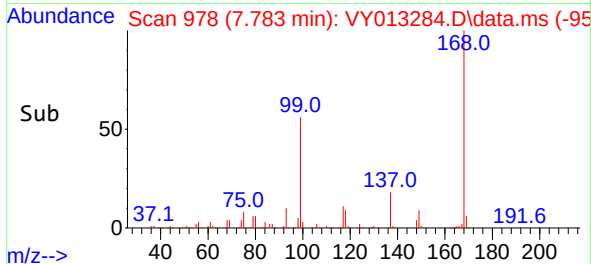
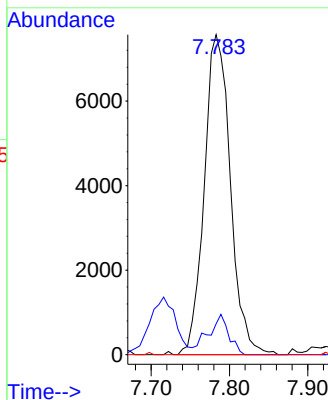
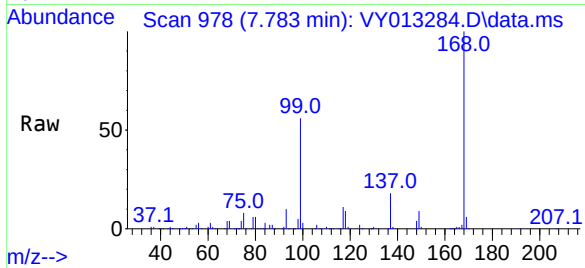




#36
 1,1-Dichloropropene
 Concen: 4.913 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY013284.D
 Acq: 13 Apr 2023 10:35

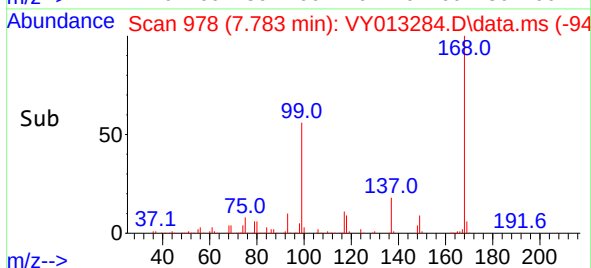
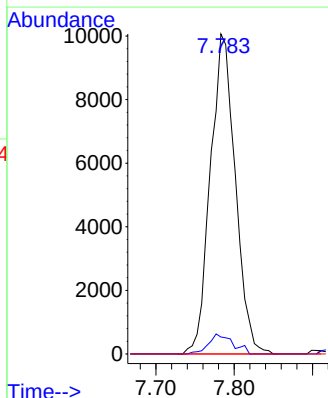
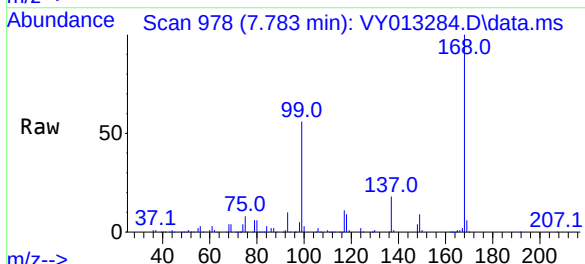
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0413SBL01

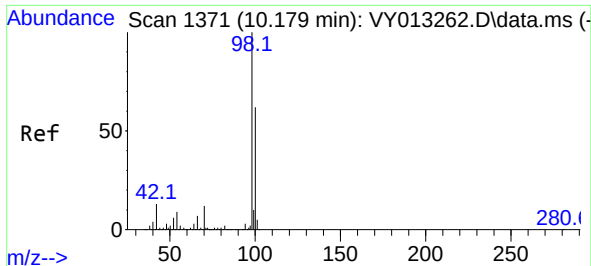
Tgt Ion: 75 Resp: 17536
 Ion Ratio Lower Upper
 75 100
 110 9.9 17.8 53.3#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.635 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY013284.D
 Acq: 13 Apr 2023 10:35

Tgt Ion: 117 Resp: 22243
 Ion Ratio Lower Upper
 117 100
 119 5.3 77.2 115.8#
 121 0.0 24.7 37.1#

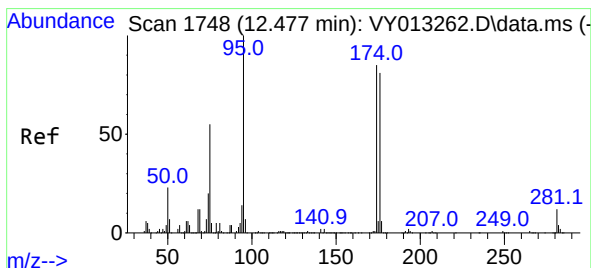
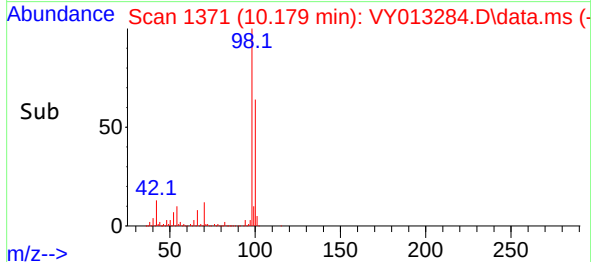
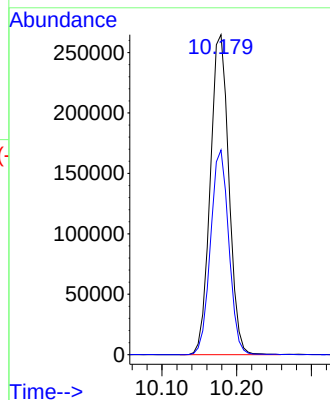
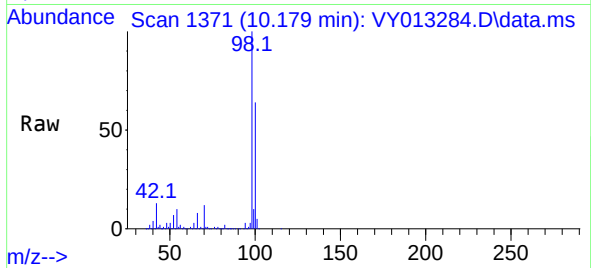




#50
Toluene-d8
Concen: 52.145 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013284.D
Acq: 13 Apr 2023 10:35

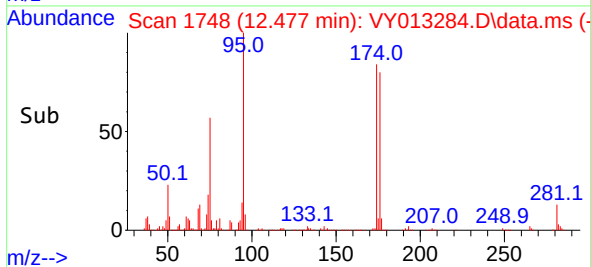
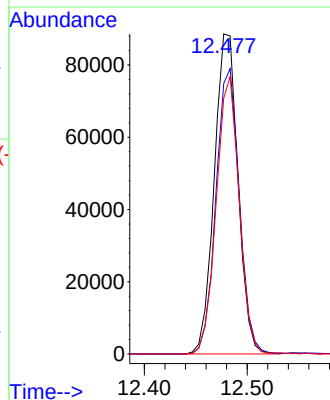
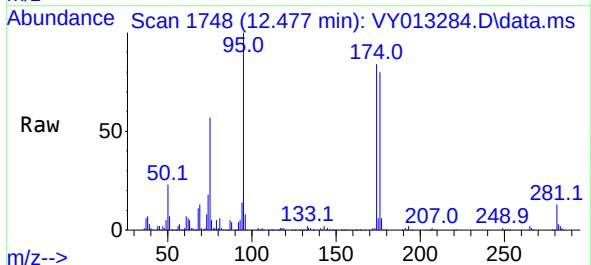
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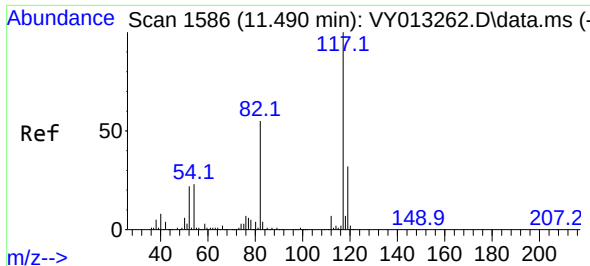
Tgt Ion: 98 Resp: 457333
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.686 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013284.D
Acq: 13 Apr 2023 10:35

Tgt Ion: 95 Resp: 141586
Ion Ratio Lower Upper
95 100
174 88.0 0.0 176.6
176 83.6 0.0 170.2

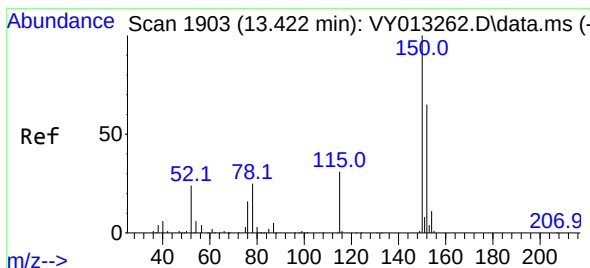
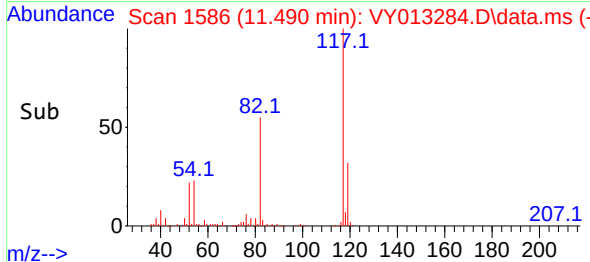
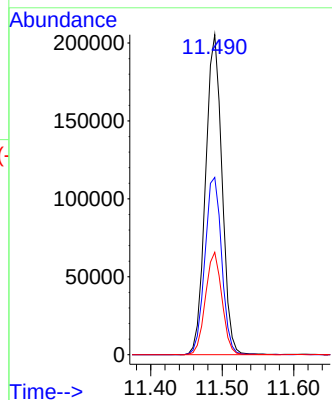
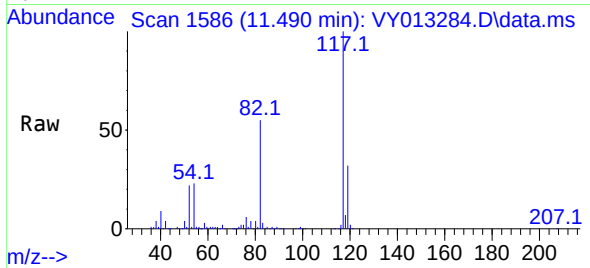




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY013284.D
Acq: 13 Apr 2023 10:35

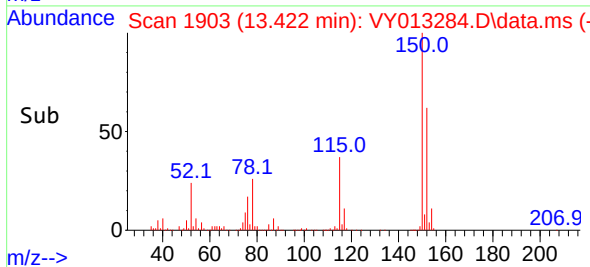
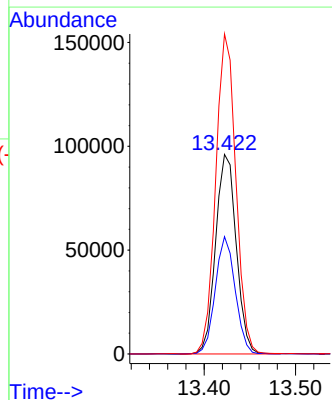
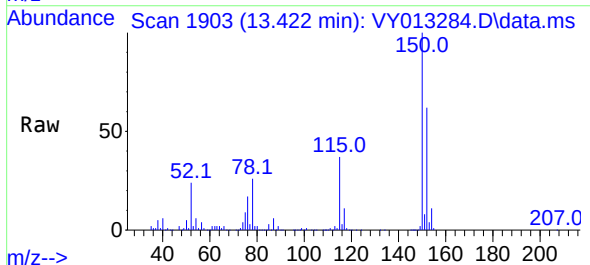
Instrument :
MSVOA_Y
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VY0413SBL01

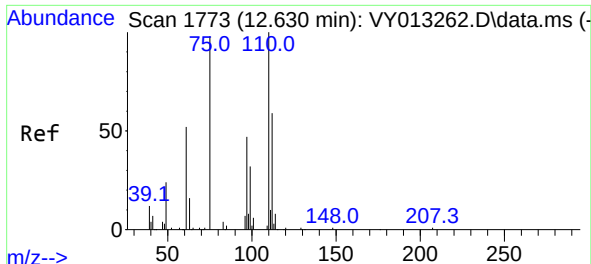
Tgt Ion:117 Resp: 328900
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013284.D
Acq: 13 Apr 2023 10:35

Tgt Ion:152 Resp: 150847
Ion Ratio Lower Upper
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115 56.7 27.1 81.3
150 156.5 0.0 347.8

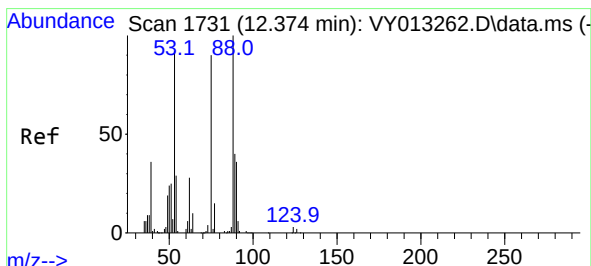
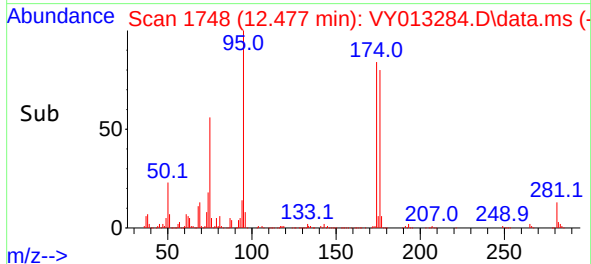
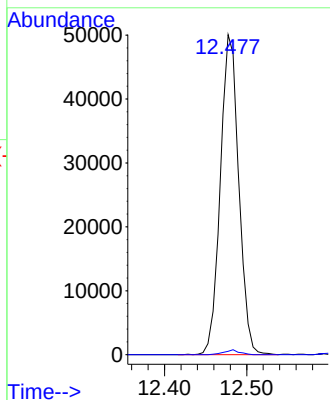
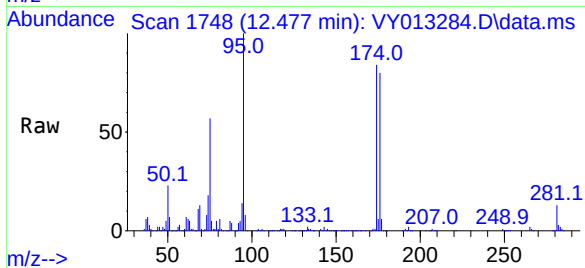




#76
1,2,3-Trichloropropane
Concen: 41.467 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013284.D
Acq: 13 Apr 2023 10:35

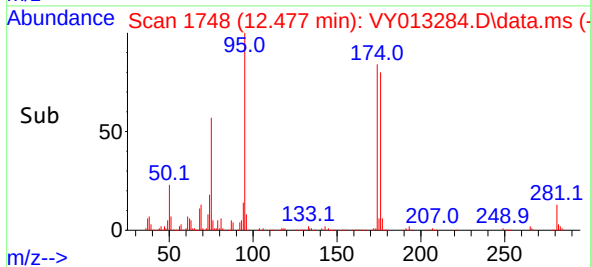
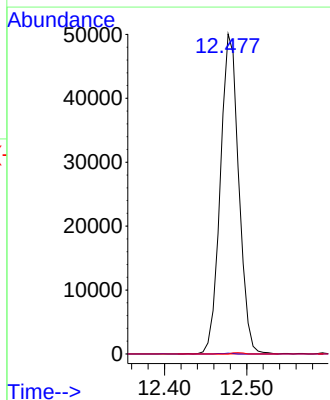
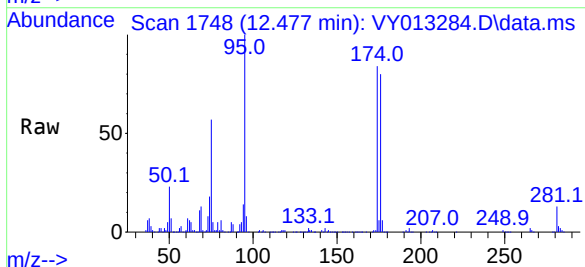
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBL01

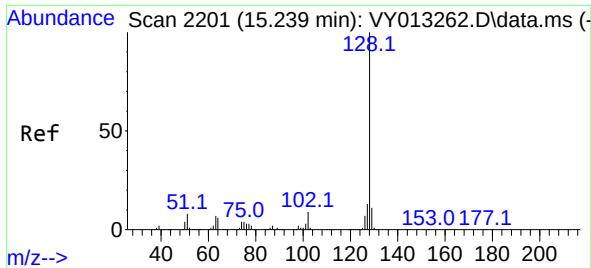
Tgt Ion: 75 Resp: 77945
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.065 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY013284.D
Acq: 13 Apr 2023 10:35

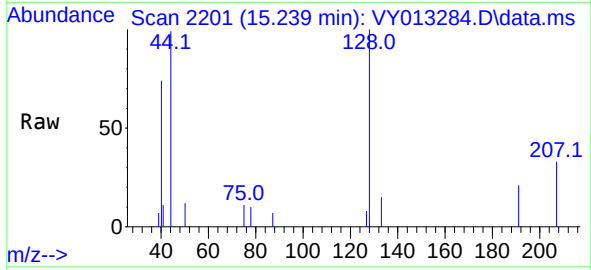
Tgt Ion: 75 Resp: 77945
Ion Ratio Lower Upper
75 100
53 0.2 73.4 110.0#
89 0.2 36.6 55.0#





#95
Naphthalene
Concen: 3.354 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY013284.D
Acq: 13 Apr 2023 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBL01



Tgt Ion:	128	Resp:	1055
Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.3	15.5
129	9.6	8.6	13.0

