

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011367.D
 Acq On : 08 Nov 2022 17:11
 Operator : KP/MD
 Sample : N5436-13
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 03:33:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

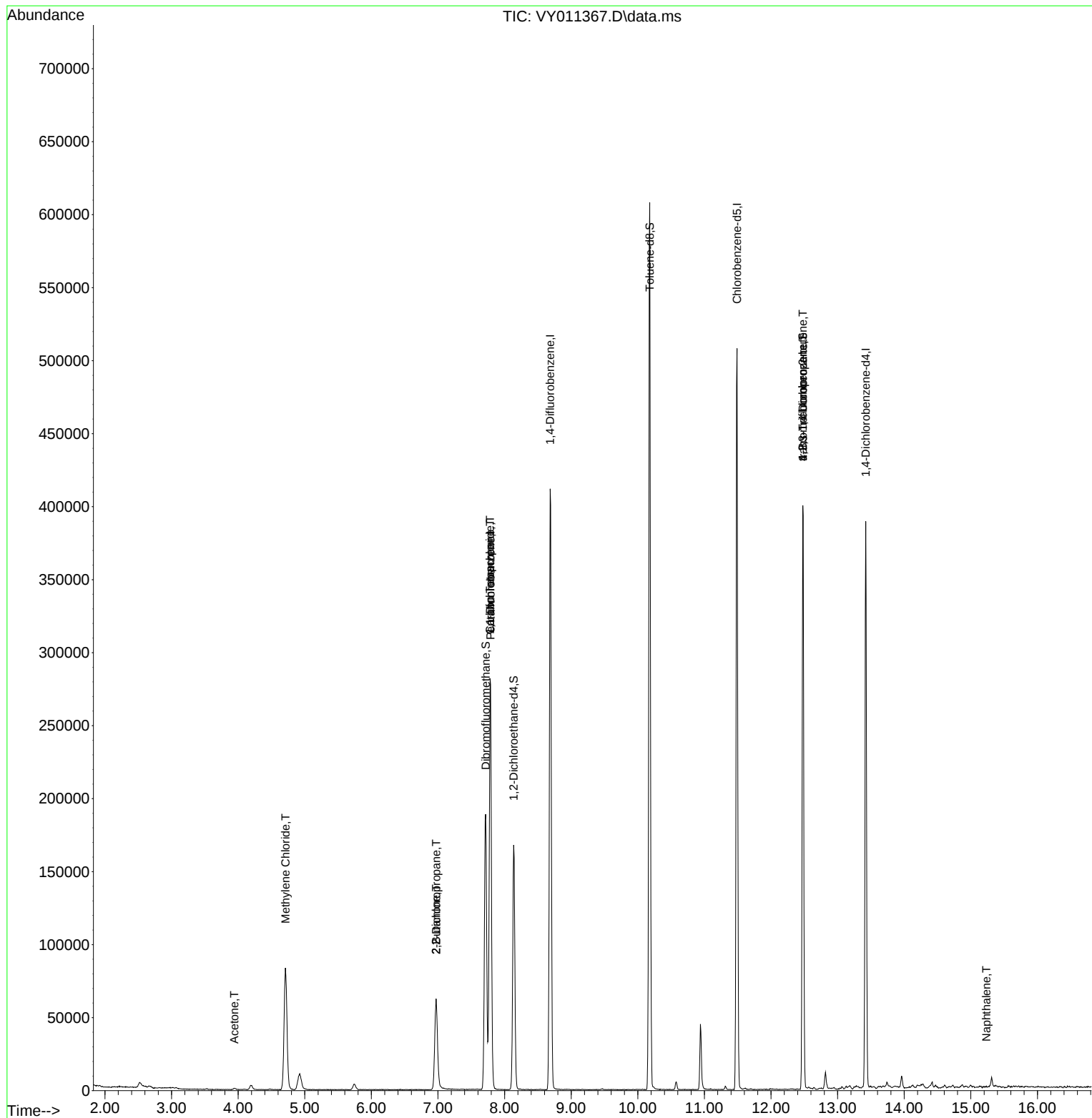
Internal Standards						
1) Pentafluorobenzene	7.789	168	228319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	372459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	294173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	105577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128998	52.827	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.660%	
35) Dibromofluoromethane	7.716	113	138861	58.027	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.060%	
50) Toluene-d8	10.179	98	415516	44.722	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.440%	
62) 4-Bromofluorobenzene	12.477	95	126344	39.170	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.340%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	68	Below Cal	#	43
11) Tert butyl alcohol	4.923	59	11234	Below Cal	#	79
16) Acetone	3.942	43	1483	2.012	ug/l #	70
20) Methylene Chloride	4.710	84	68280	19.592	ug/l #	80
25) 2-Butanone	6.972	43	3191	3.077	ug/l	95
26) 2,2-Dichloropropane	6.972	77	4883	1.093	ug/l #	55
36) 1,1-Dichloropropene	7.783	75	16169	4.137	ug/l #	51
38) Carbon Tetrachloride	7.783	117	21579	5.322	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	62204	48.396	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62204	103.574	ug/l #	7
95) Naphthalene	15.233	128	731	4.112	ug/l #	72

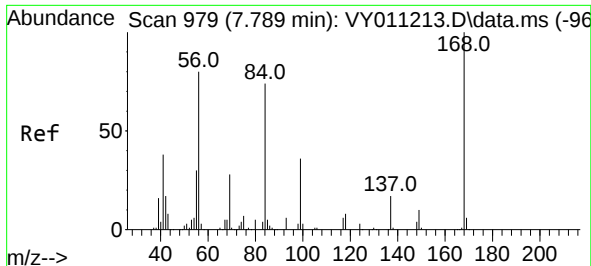
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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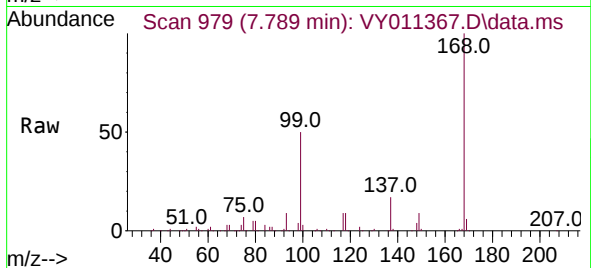
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 01 11:56:18 2022
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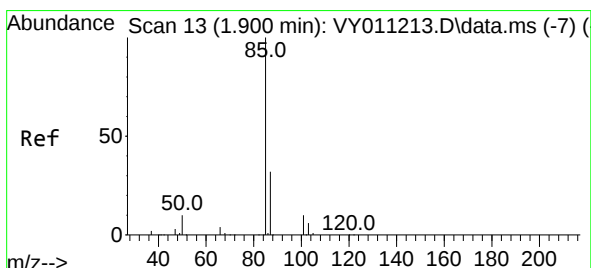
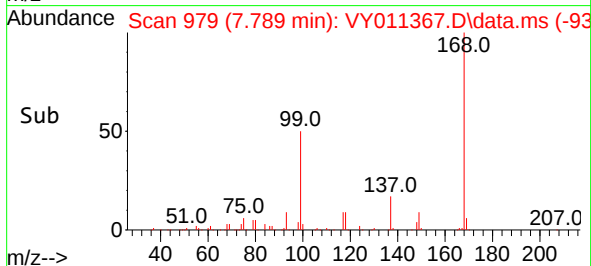
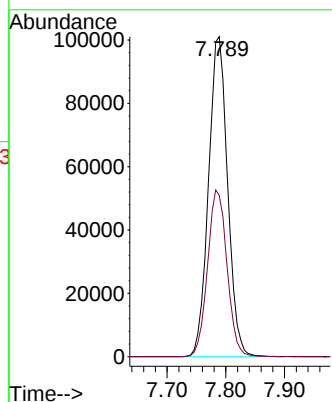


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011367.D
Acq: 08 Nov 2022 17:11

Instrument :
MSVOA_Y
ClientSampleId :

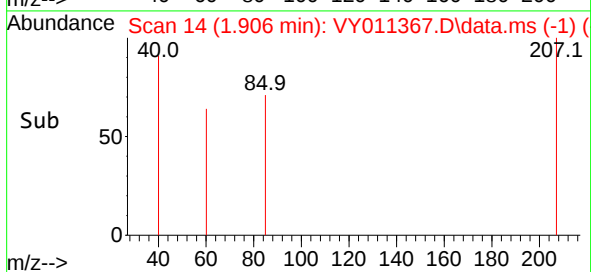
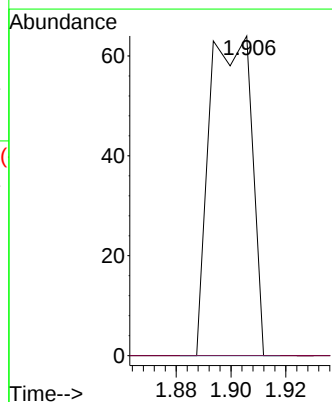
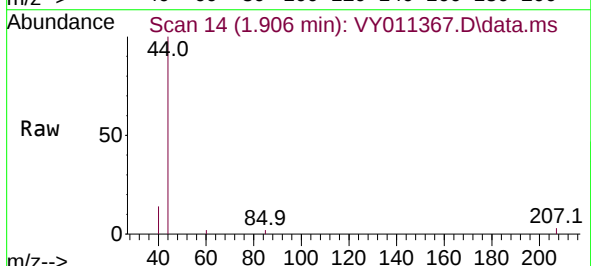


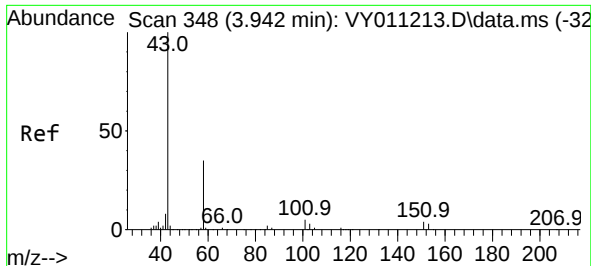
Tgt Ion:168 Resp: 228319
Ion Ratio Lower Upper
168 100
99 50.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011367.D
Acq: 08 Nov 2022 17:11

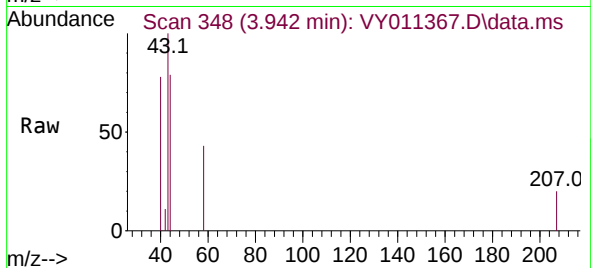
Tgt Ion: 85 Resp: 68
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



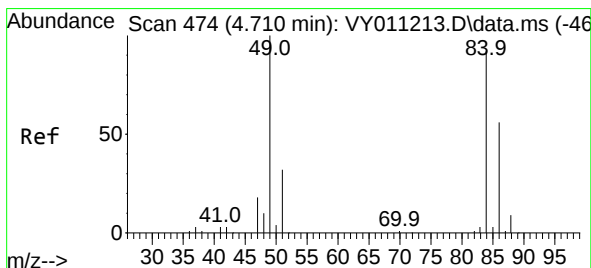
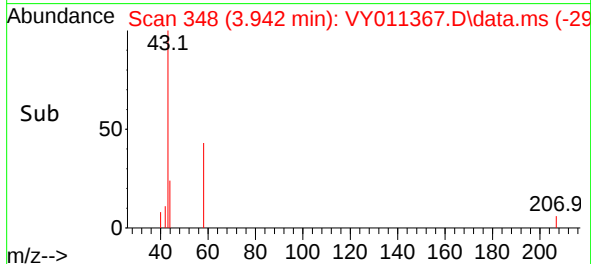
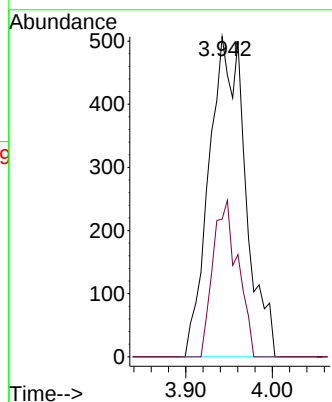


#16
Acetone
Concen: 2.012 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011367.D
Acq: 08 Nov 2022 17:11

Instrument :
MSVOA_Y
ClientSampleId :

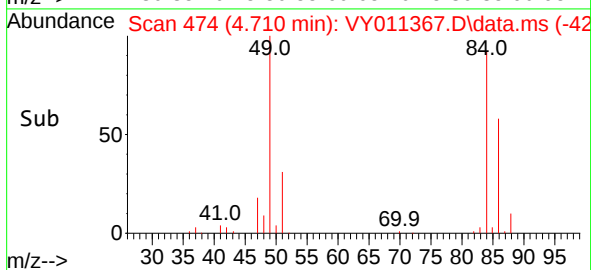
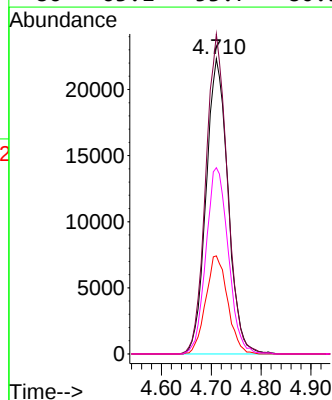
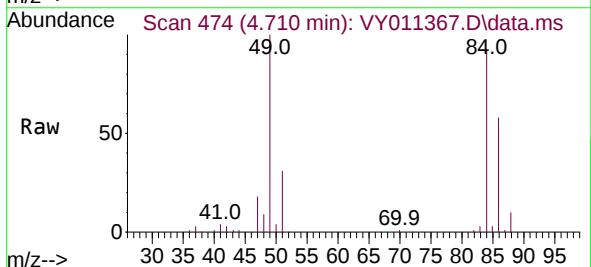


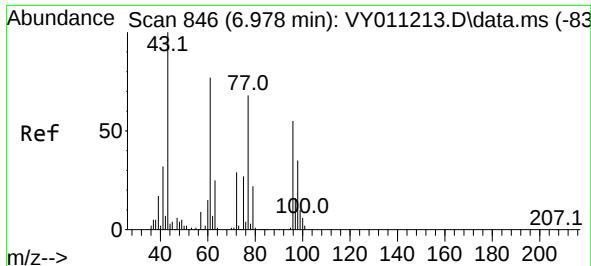
Tgt Ion: 43 Resp: 1483
Ion Ratio Lower Upper
43 100
58 43.0 22.0 33.0#



#20
Methylene Chloride
Concen: 19.592 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011367.D
Acq: 08 Nov 2022 17:11

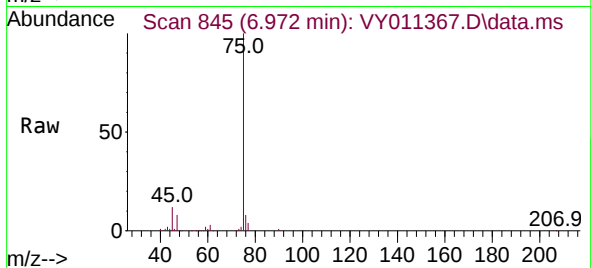
Tgt Ion: 84 Resp: 68280
Ion Ratio Lower Upper
84 100
49 108.4 114.4 171.6#
51 33.2 35.3 52.9#
86 63.1 53.7 80.5



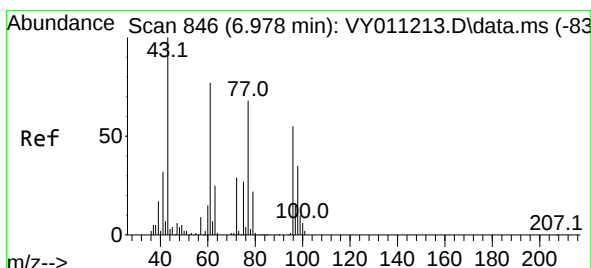
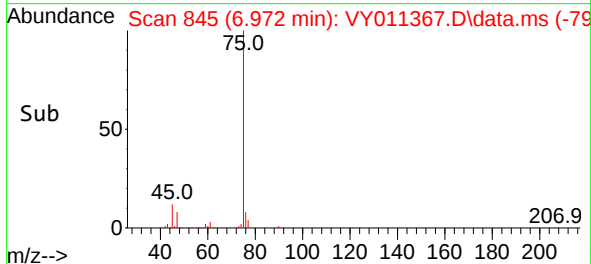
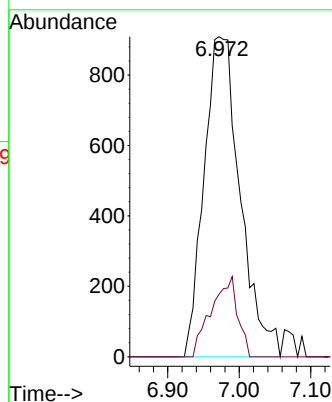


#25
2-Butanone
Concen: 3.077 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011367.D
Acq: 08 Nov 2022 17:11

Instrument :
MSVOA_Y
ClientSampleId :

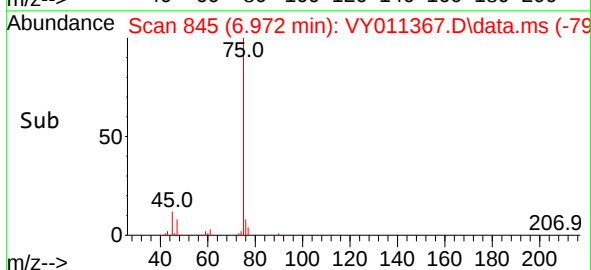
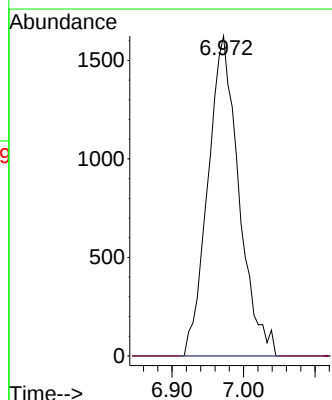
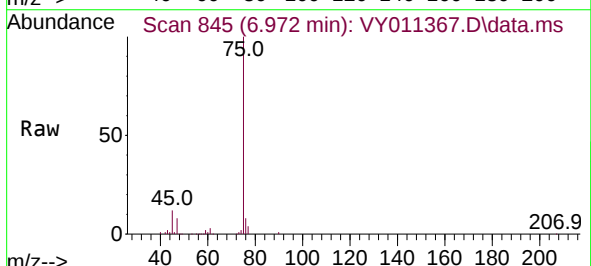


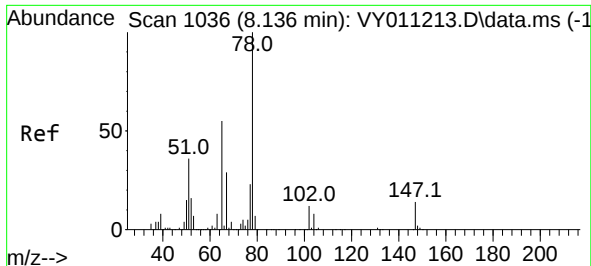
Tgt Ion: 43 Resp: 3191
Ion Ratio Lower Upper
43 100
72 19.6 17.7 26.5



#26
2,2-Dichloropropane
Concen: 1.093 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011367.D
Acq: 08 Nov 2022 17:11

Tgt Ion: 77 Resp: 4883
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#

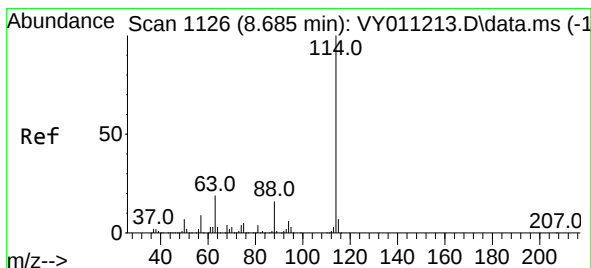
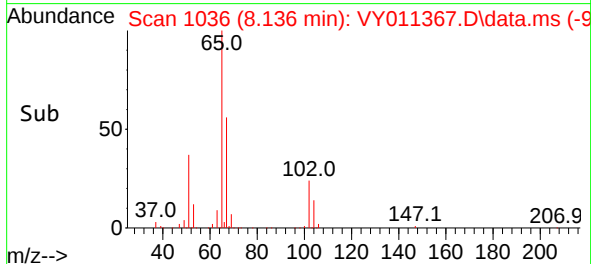
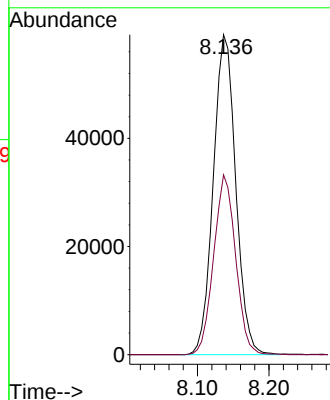
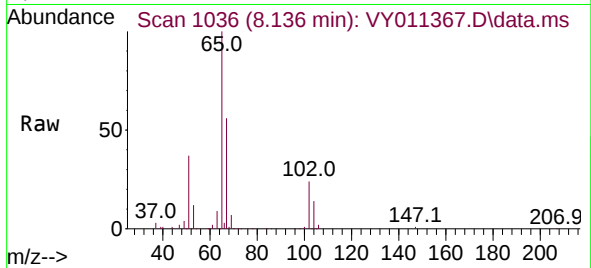




#33
1,2-Dichloroethane-d4
Concen: 52.827 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011367.D
Acq: 08 Nov 2022 17:11

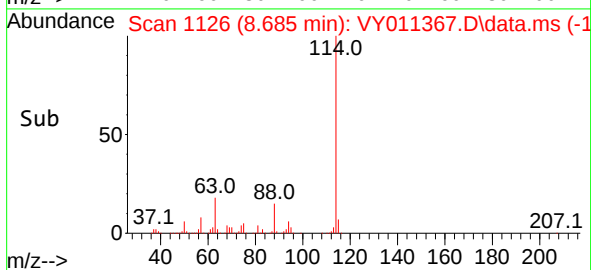
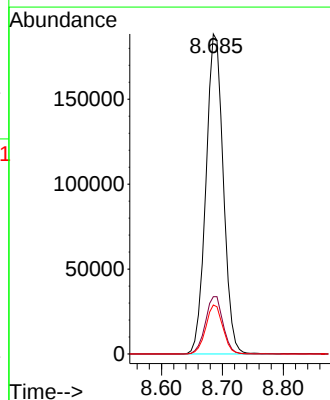
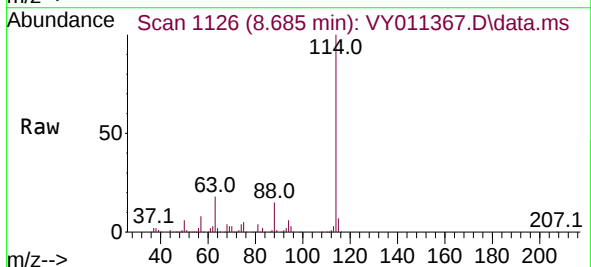
Instrument :
MSVOA_Y
ClientSampleId :

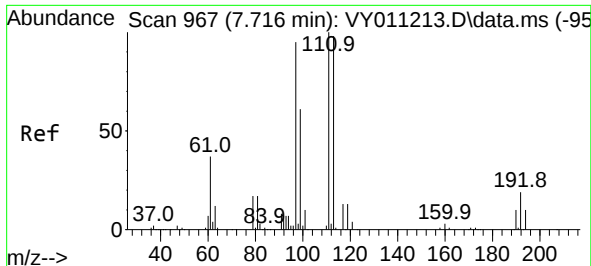
Tgt Ion: 65 Resp: 128998
Ion Ratio Lower Upper
65 100
67 55.1 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011367.D
Acq: 08 Nov 2022 17:11

Tgt Ion: 114 Resp: 372459
Ion Ratio Lower Upper
114 100
63 17.9 0.0 43.2
88 15.3 0.0 31.8

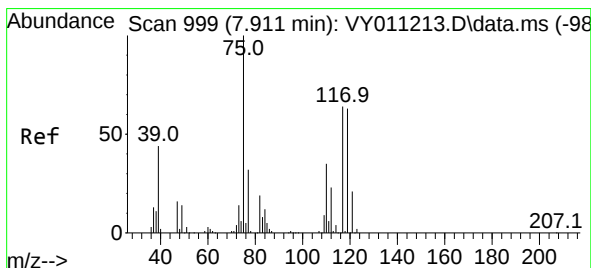
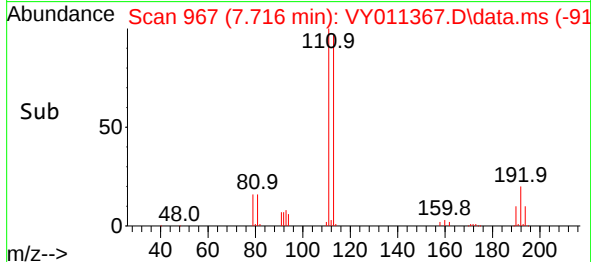
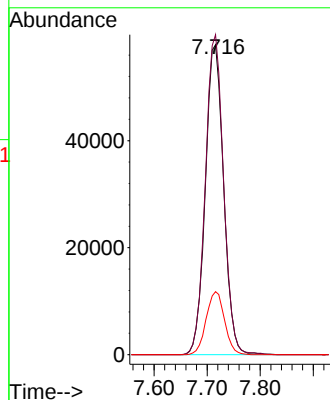
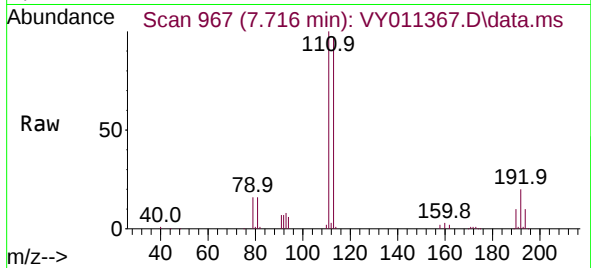




#35
Dibromofluoromethane
Concen: 58.027 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011367.D
Acq: 08 Nov 2022 17:11

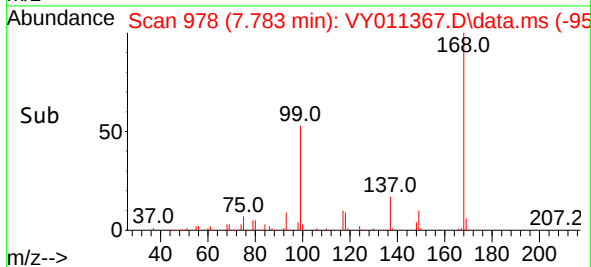
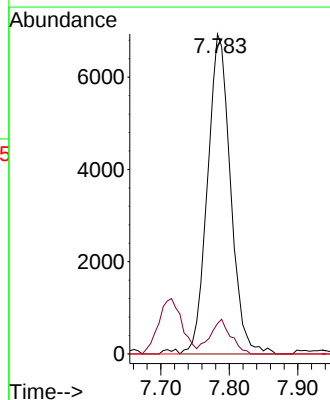
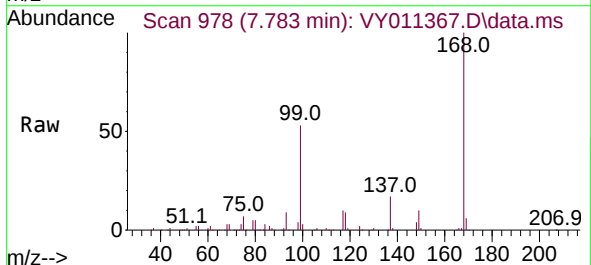
Instrument :
MSVOA_Y
ClientSampleId :

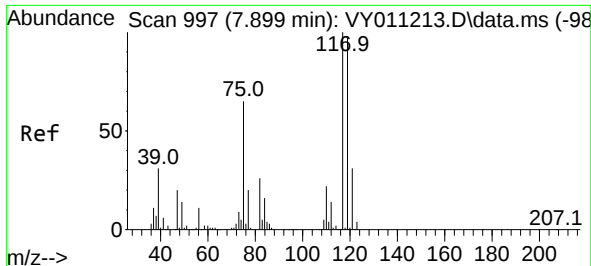
Tgt Ion:113 Resp: 138861
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 20.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.137 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011367.D
Acq: 08 Nov 2022 17:11

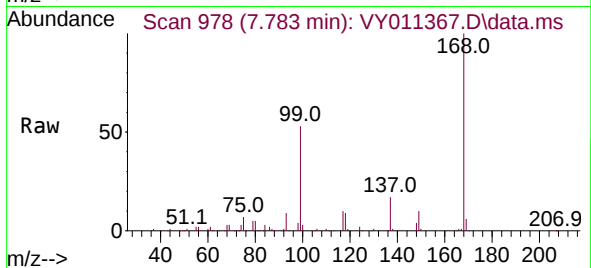
Tgt Ion: 75 Resp: 16169
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#



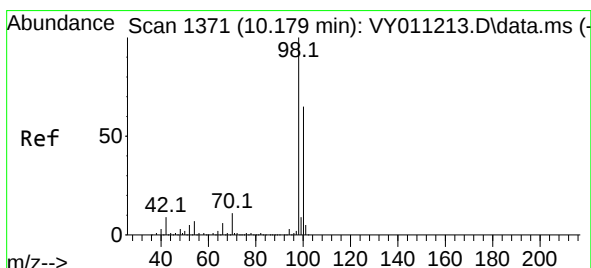
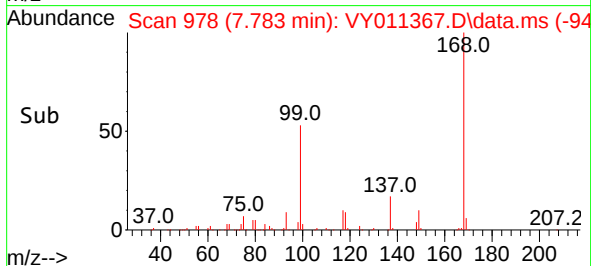
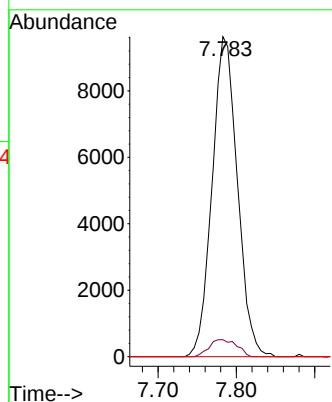


#38
Carbon Tetrachloride
Concen: 5.322 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011367.D
Acq: 08 Nov 2022 17:11

Instrument :
MSVOA_Y
ClientSampleId :

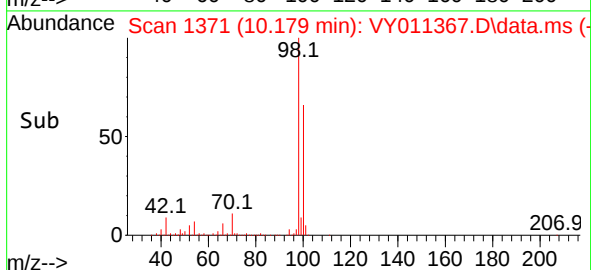
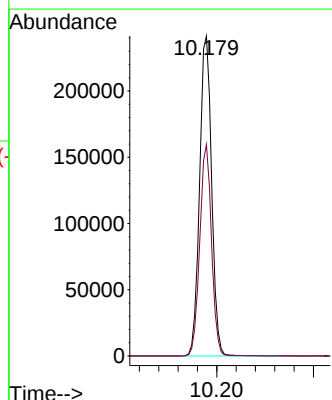
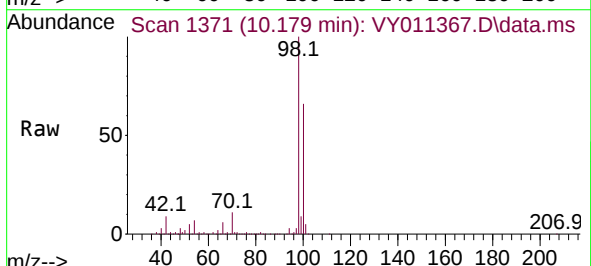


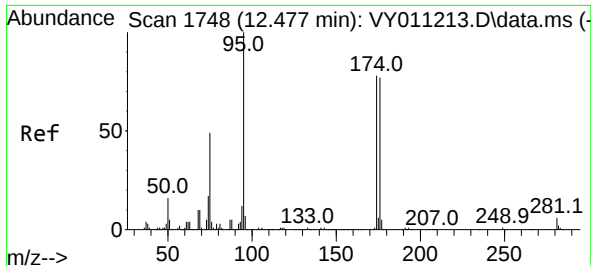
Tgt Ion:117 Resp: 21579
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 44.722 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011367.D
Acq: 08 Nov 2022 17:11

Tgt Ion: 98 Resp: 415516
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 39.170 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011367.D

Acq: 08 Nov 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

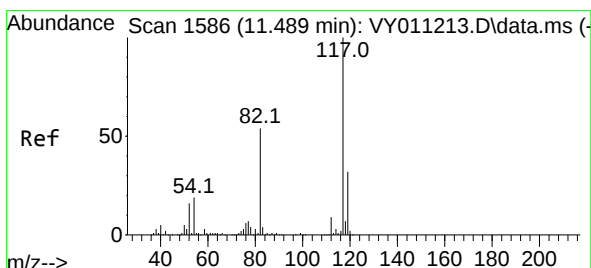
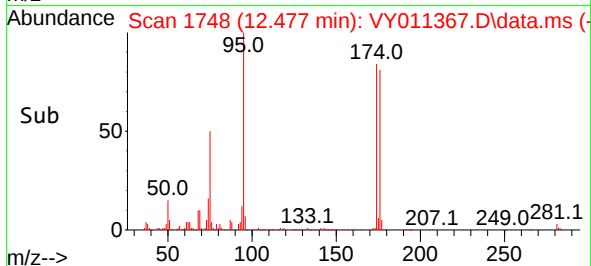
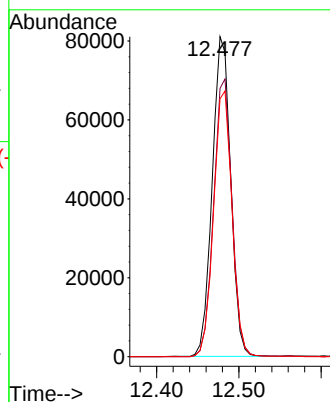
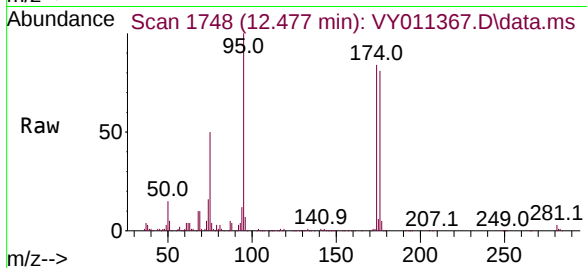
Tgt Ion: 95 Resp: 126344

Ion Ratio Lower Upper

95 100

174 86.6 0.0 177.0

176 83.4 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY011367.D

Acq: 08 Nov 2022 17:11

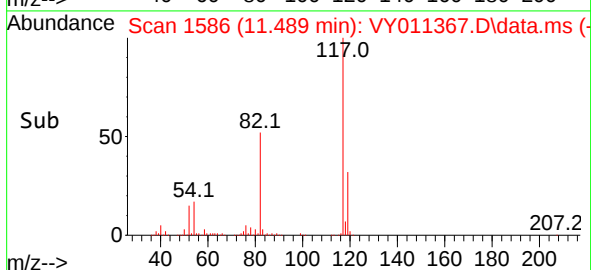
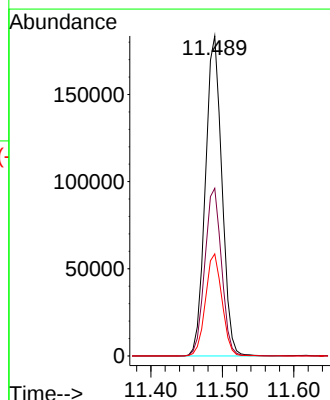
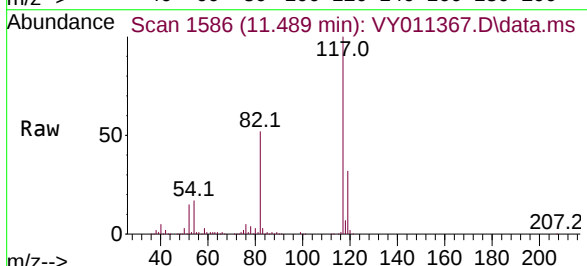
Tgt Ion: 117 Resp: 294173

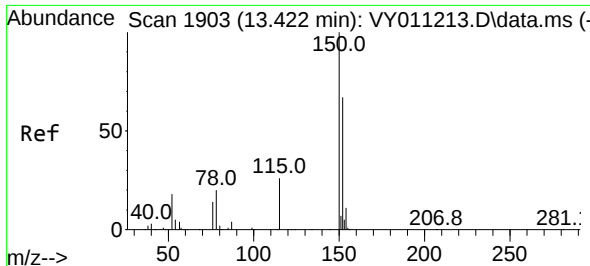
Ion Ratio Lower Upper

117 100

82 52.4 43.0 64.4

119 31.9 25.4 38.0

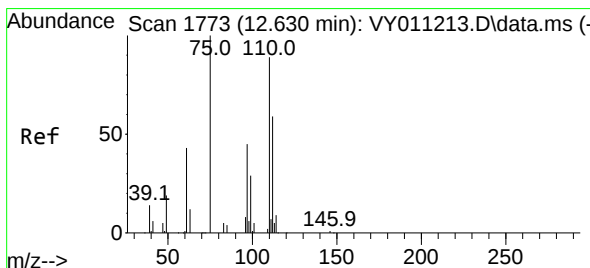
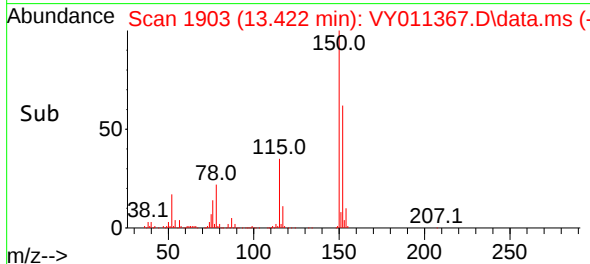
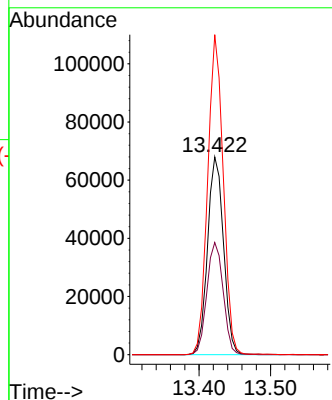
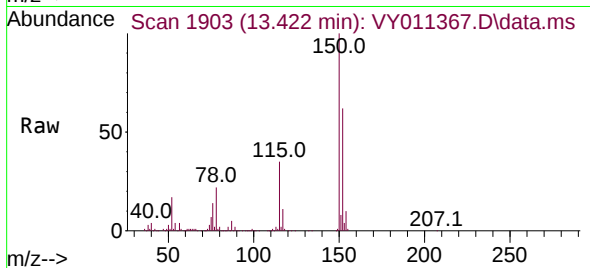




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY011367.D
 Acq: 08 Nov 2022 17:11

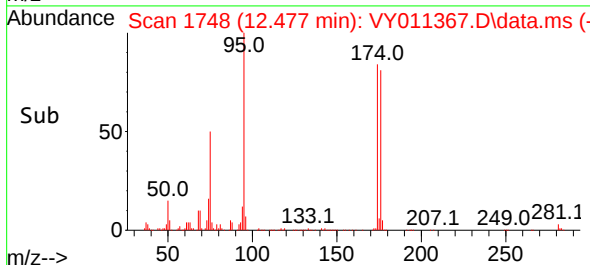
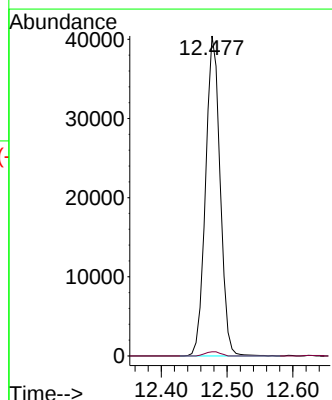
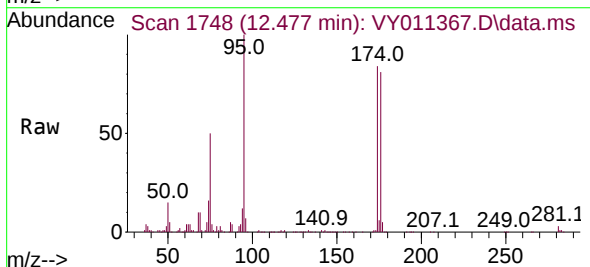
Instrument :
 MSVOA_Y
 ClientSampleId :

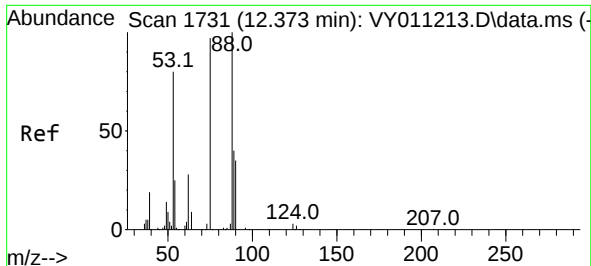
Tgt Ion:152 Resp: 105577
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.2 84.7
 150 157.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.396 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011367.D
 Acq: 08 Nov 2022 17:11

Tgt Ion: 75 Resp: 62204
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

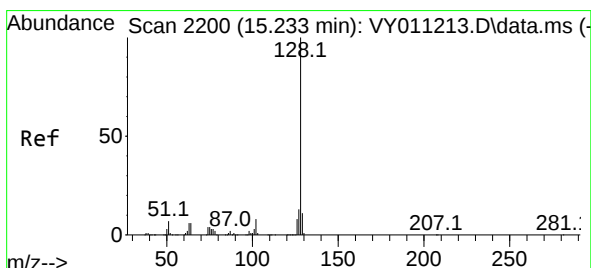
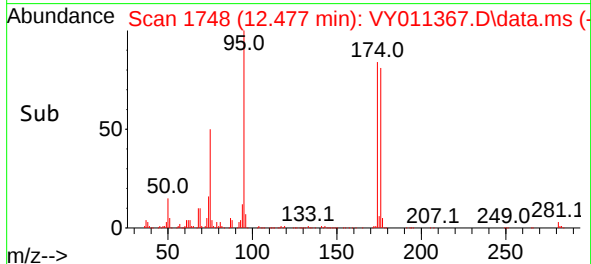
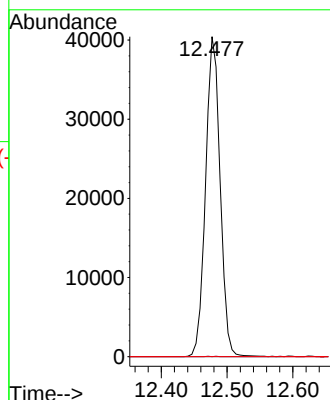
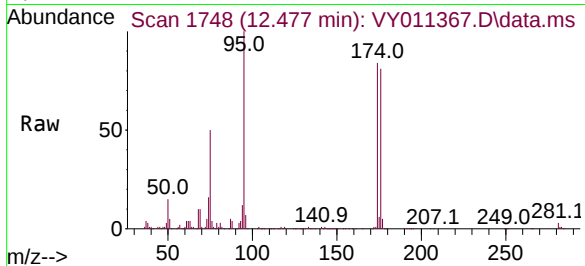




#81
trans-1,4-Dichloro-2-butene
Concen: 103.574 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011367.D
Acq: 08 Nov 2022 17:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 62204
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.112 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011367.D
Acq: 08 Nov 2022 17:11

Tgt Ion:128 Resp: 731
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 2.6 8.4 12.6#

