

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018212.D
 Acq On : 09 May 2024 16:06
 Operator : SY/MD
 Sample : P2430-01
 Misc : 3.94g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 10 01:19:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

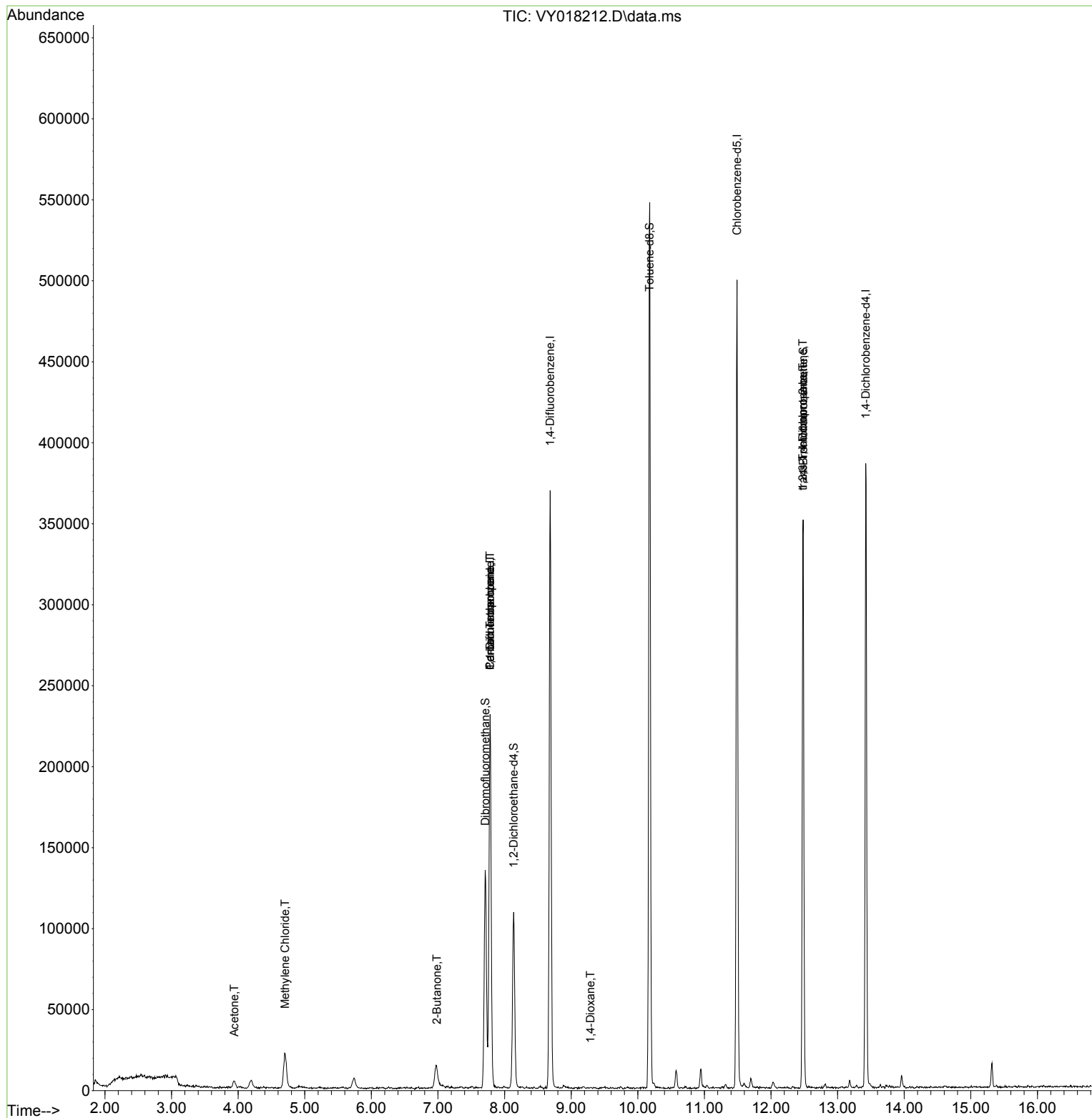
Internal Standards						
1) Pentafluorobenzene	7.783	168	180253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	334295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	284953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78526	59.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.440%	
35) Dibromofluoromethane	7.710	113	97190	55.320	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.640%	
50) Toluene-d8	10.179	98	378172	54.624	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.240%	
62) 4-Bromofluorobenzene	12.483	95	110357	49.359	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	1030	Below Cal	#	88
13) Acrolein	3.710	56	76	Below Cal	#	1
16) Acetone	3.942	43	6894	26.052	ug/l	95
20) Methylene Chloride	4.704	84	17109	9.147	ug/l	97
25) 2-Butanone	6.984	43	763	1.804	ug/l #	41
31) Cyclohexane	7.777	56	5024	Below Cal	#	7
36) 1,1-Dichloropropene	7.783	75	13490	5.356	ug/l #	48
38) Carbon Tetrachloride	7.783	117	17311	6.290	ug/l #	15
49) 1,4-Dioxane	9.289	88	20	1.480	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	54247	65.898	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	54247	126.964	ug/l #	16

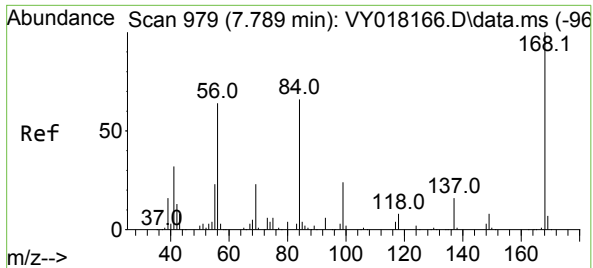
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
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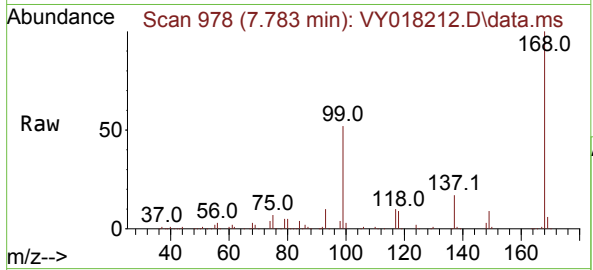
Quant Time: May 10 01:19:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration



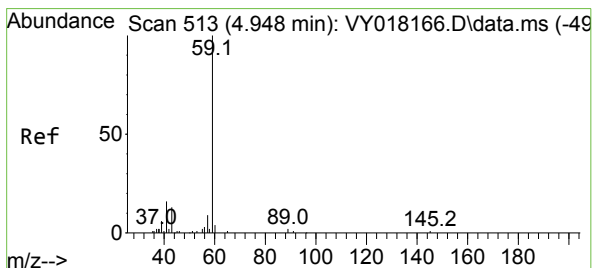
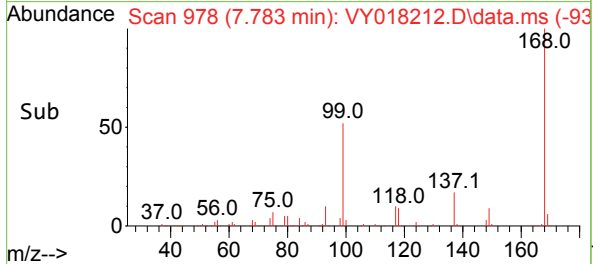
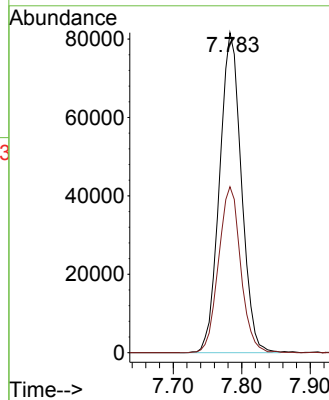


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018212.D
Acq: 09 May 2024 16:06

Instrument :
MSVOA_Y
ClientSampleId :

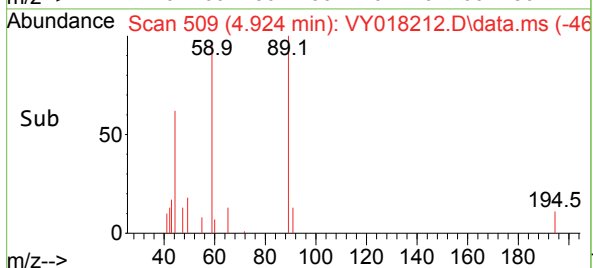
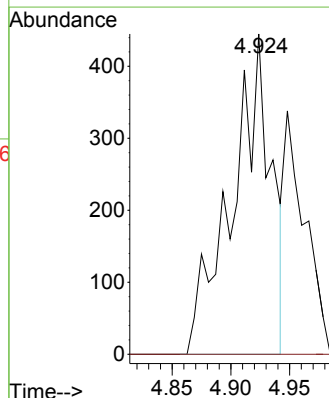
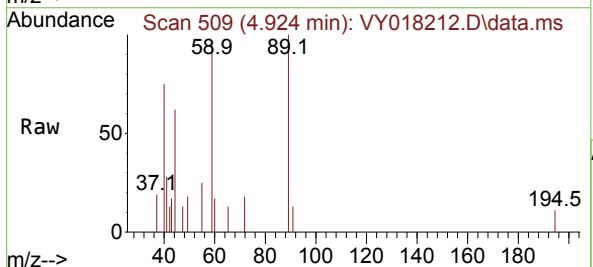


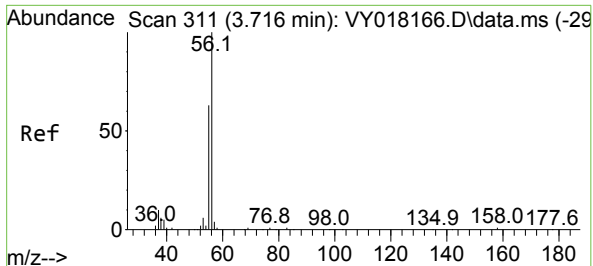
Tgt Ion:168 Resp: 180253
Ion Ratio Lower Upper
168 100
99 51.9 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY018212.D
Acq: 09 May 2024 16:06

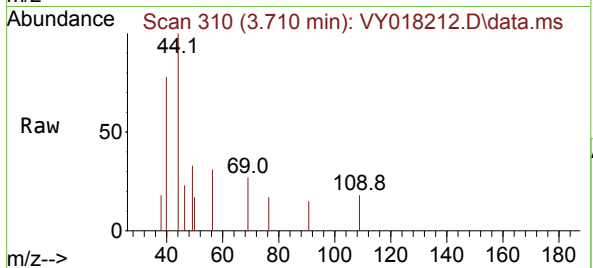
Tgt Ion: 59 Resp: 1030
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



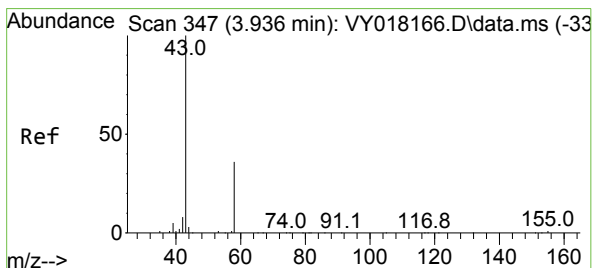
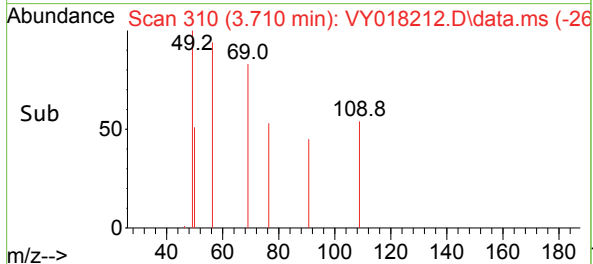
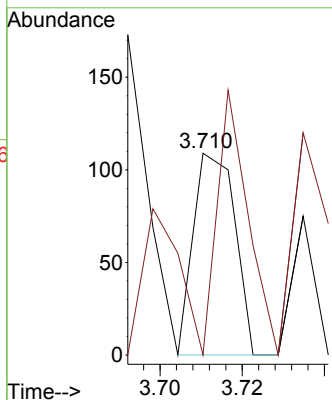


#13
Acrolein
Concen: Below Cal
RT: 3.710 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY018212.D
Acq: 09 May 2024 16:06

Instrument :
MSVOA_Y
ClientSampleId :

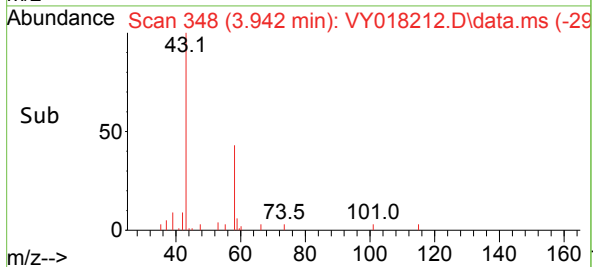
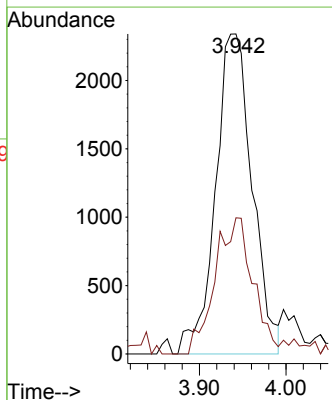
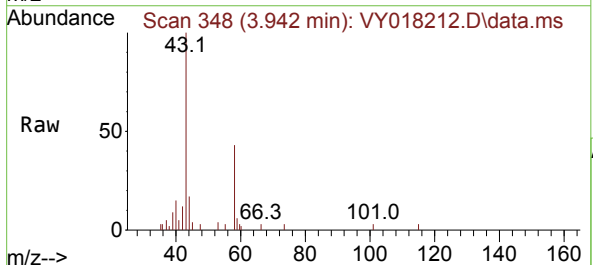


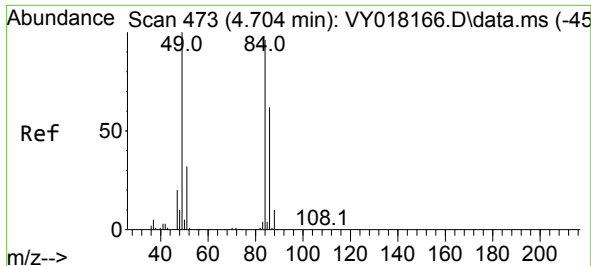
Tgt Ion: 56 Resp: 76
Ion Ratio Lower Upper
56 100
55 161.8 55.7 83.5#



#16
Acetone
Concen: 26.052 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018212.D
Acq: 09 May 2024 16:06

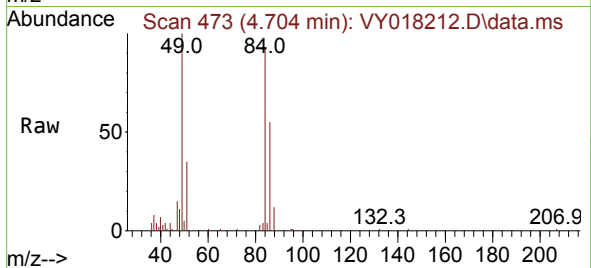
Tgt Ion: 43 Resp: 6894
Ion Ratio Lower Upper
43 100
58 42.6 31.7 47.5



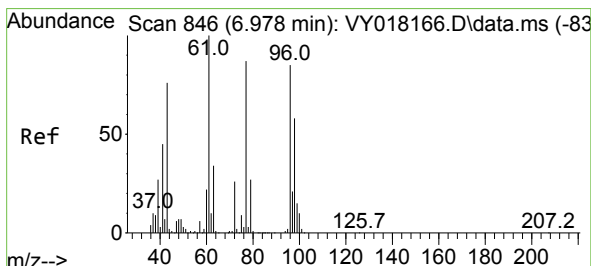
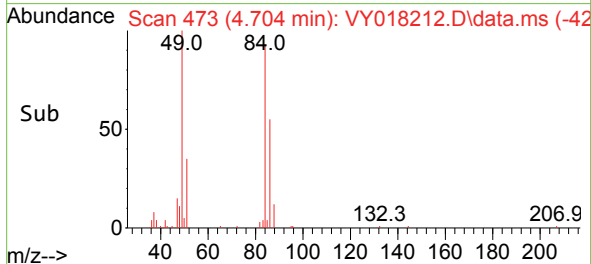
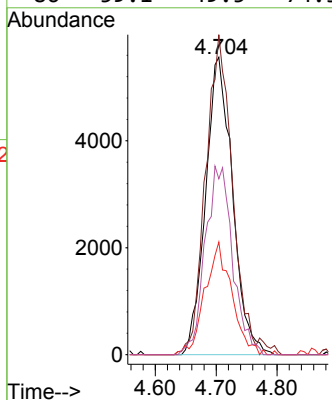


#20
Methylene Chloride
Concen: 9.147 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018212.D
Acq: 09 May 2024 16:06

Instrument :
MSVOA_Y
ClientSampleId :

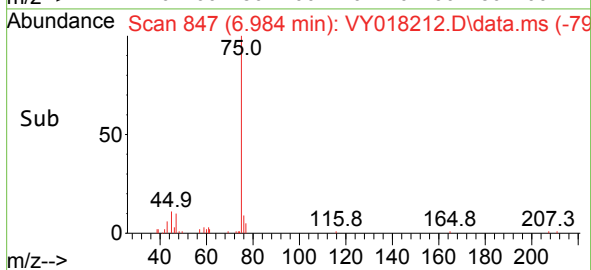
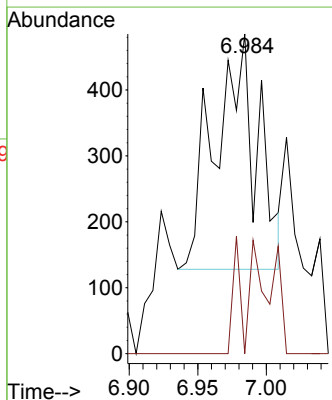
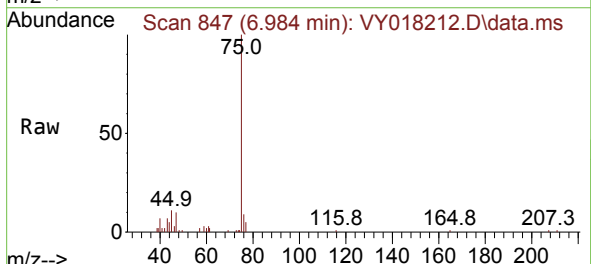


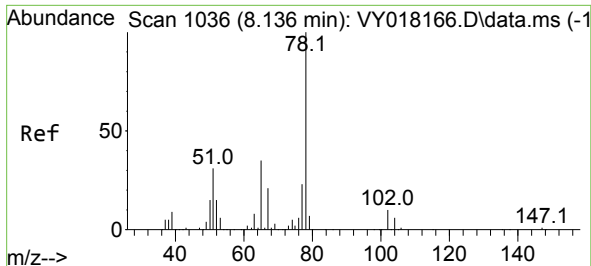
Tgt Ion:	84	Resp:	17109
Ion	Ratio	Lower	Upper
84	100		
49	106.6	84.4	126.6
51	37.9	26.0	39.0
86	59.1	49.5	74.3



#25
2-Butanone
Concen: 1.804 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY018212.D
Acq: 09 May 2024 16:06

Tgt Ion:	43	Resp:	763
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#

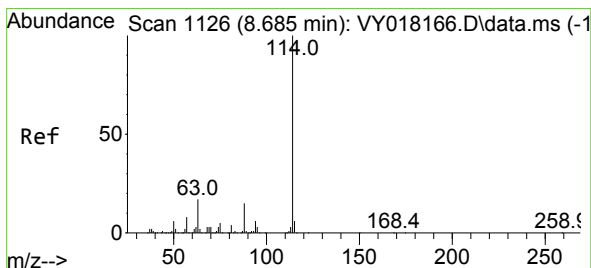
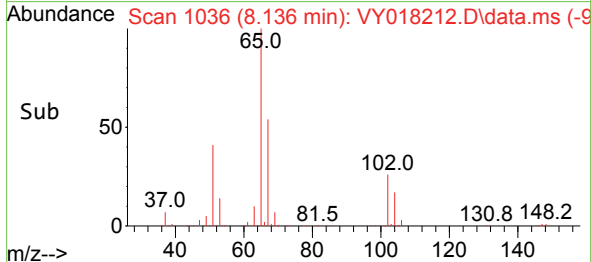
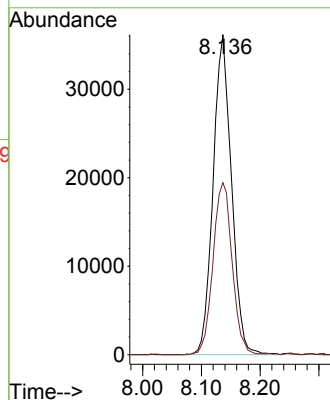
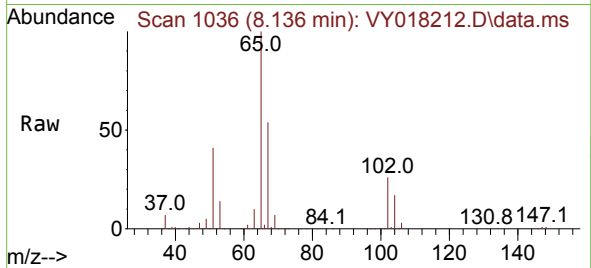




#33
 1,2-Dichloroethane-d4
 Concen: 59.217 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018212.D
 Acq: 09 May 2024 16:06

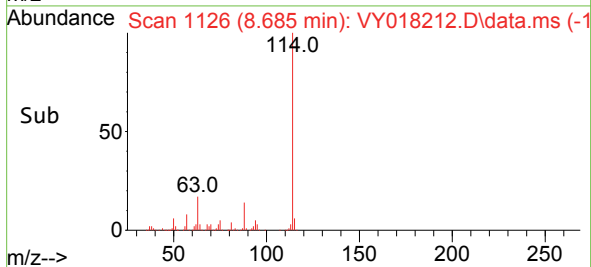
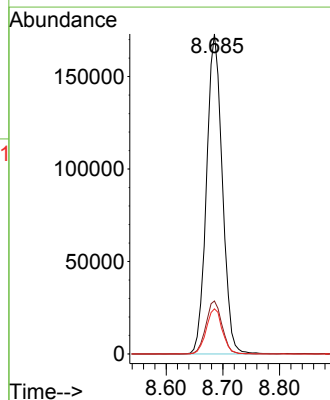
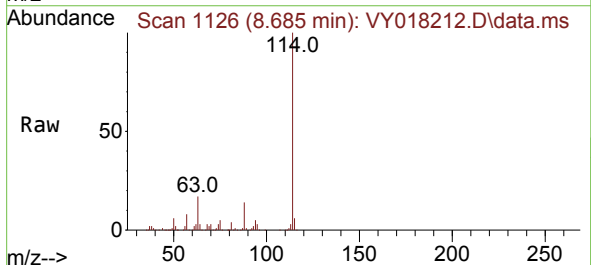
Instrument :
 MSVOA_Y
 ClientSampleId :

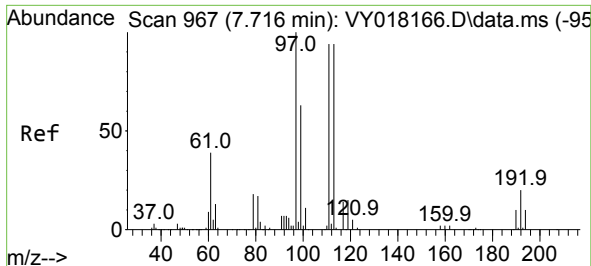
Tgt Ion: 65 Resp: 78526
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018212.D
 Acq: 09 May 2024 16:06

Tgt Ion: 114 Resp: 334295
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 35.0
 88 14.1 0.0 27.2

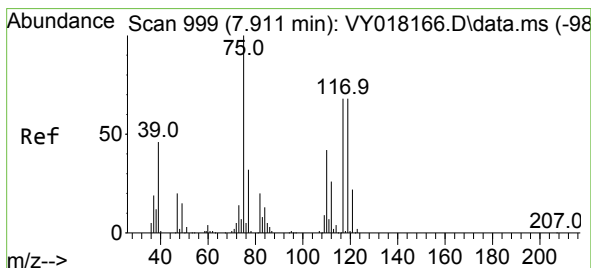
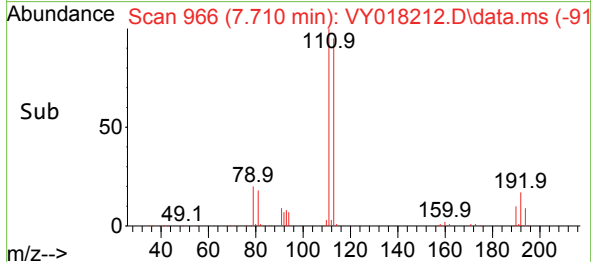
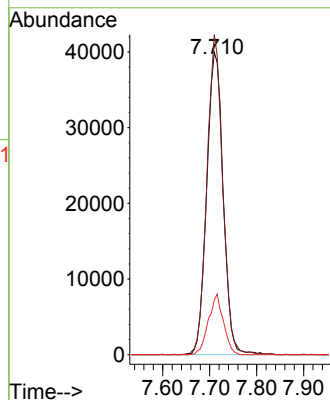
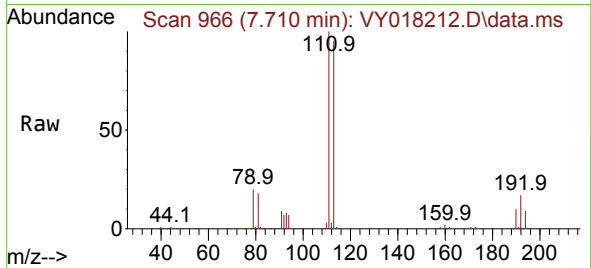




#35
Dibromofluoromethane
Concen: 55.320 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY018212.D
Acq: 09 May 2024 16:06

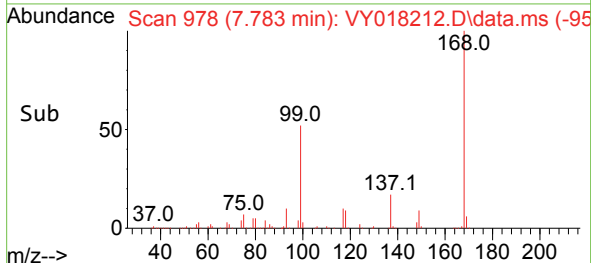
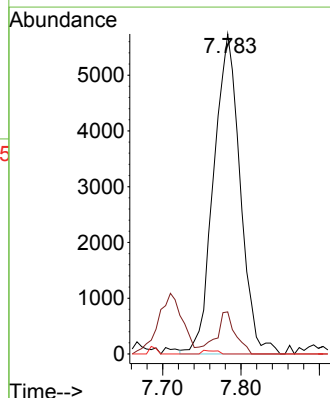
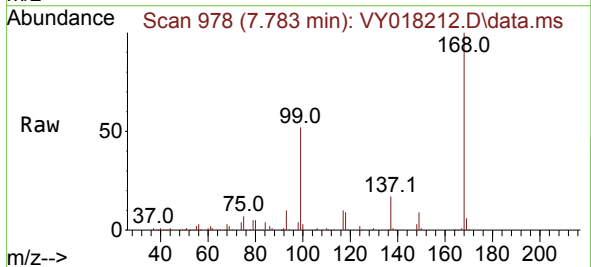
Instrument :
MSVOA_Y
ClientSampleId :

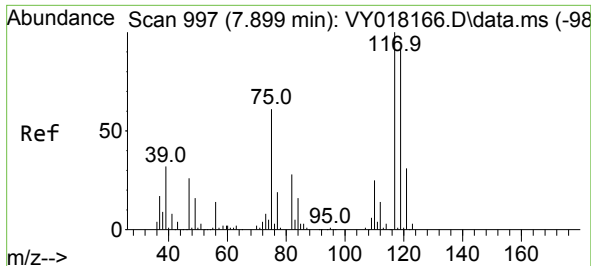
Tgt Ion:113 Resp: 97190
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 18.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.356 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018212.D
Acq: 09 May 2024 16:06

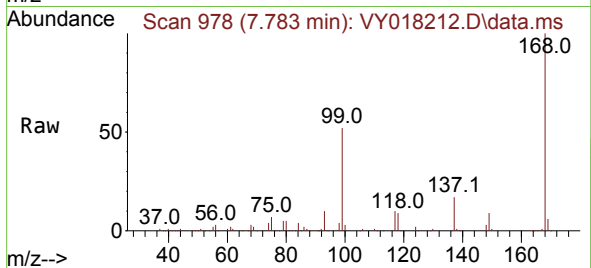
Tgt Ion: 75 Resp: 13490
Ion Ratio Lower Upper
75 100
110 9.4 19.0 57.0#
77 0.0 25.3 37.9#



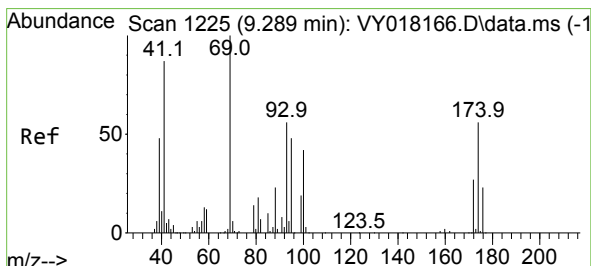
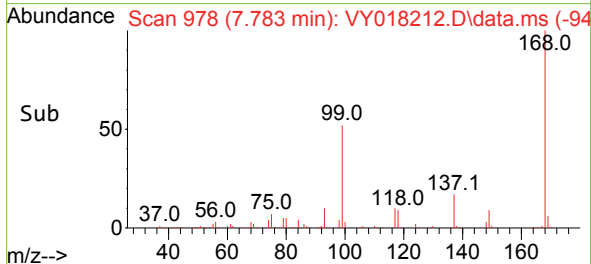
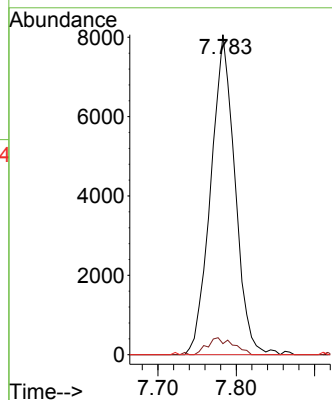


#38
Carbon Tetrachloride
Concen: 6.290 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018212.D
Acq: 09 May 2024 16:06

Instrument :
MSVOA_Y
ClientSampleId :

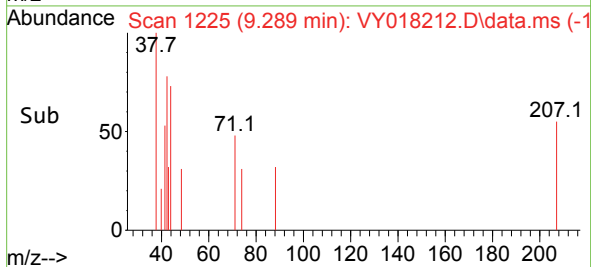
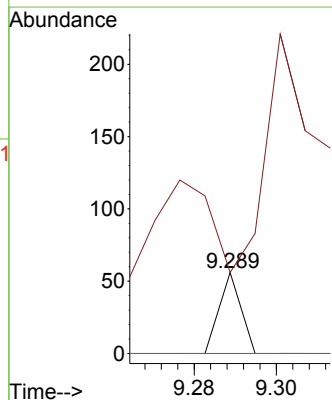
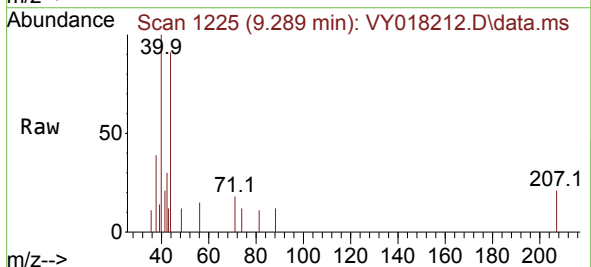


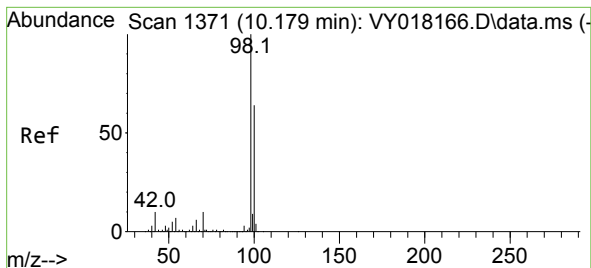
Tgt Ion:117 Resp: 17311
Ion Ratio Lower Upper
117 100
119 3.5 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.480 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018212.D
Acq: 09 May 2024 16:06

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 1095.0 0.0 0.0#
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 54.624 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018212.D

Acq: 09 May 2024 16:06

Instrument :

MSVOA_Y

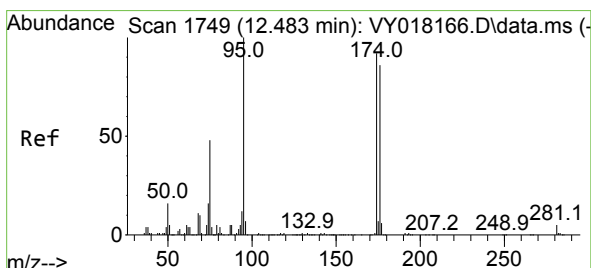
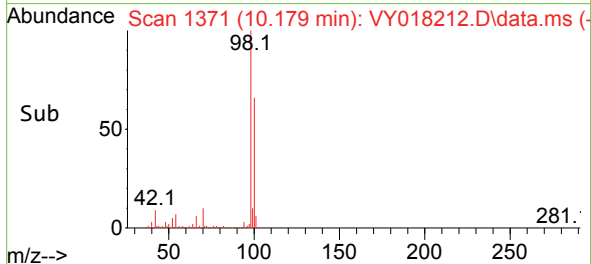
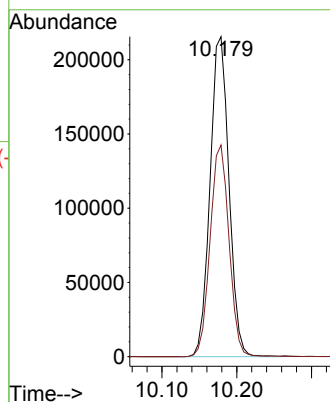
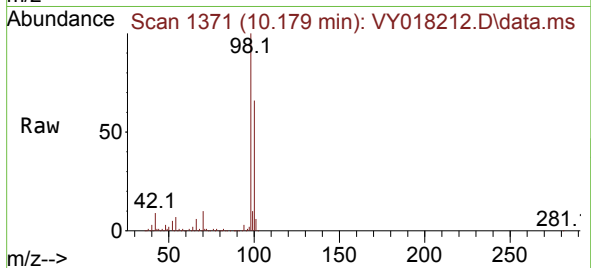
ClientSampleId :

Tgt Ion: 98 Resp: 378172

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.359 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018212.D

Acq: 09 May 2024 16:06

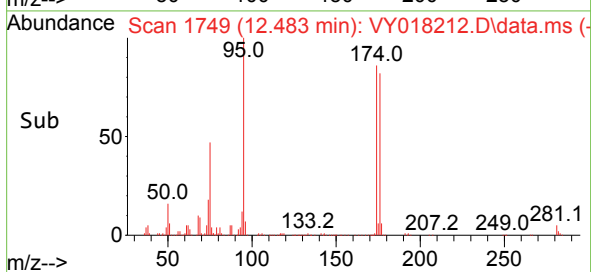
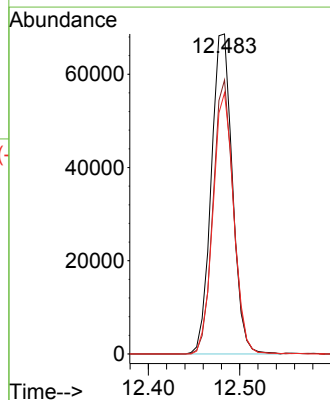
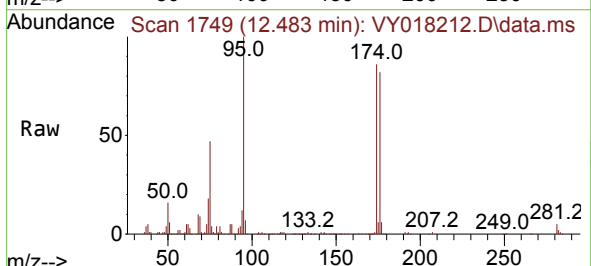
Tgt Ion: 95 Resp: 110357

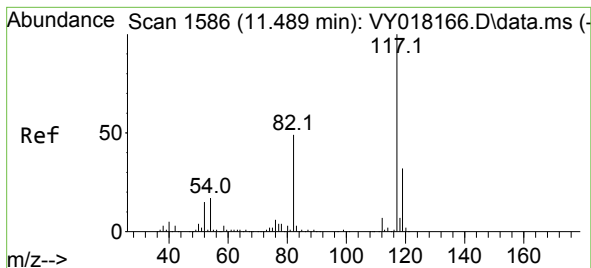
Ion Ratio Lower Upper

95 100

174 82.0 0.0 175.6

176 80.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018212.D

Acq: 09 May 2024 16:06

Instrument :

MSVOA_Y

ClientSampleId :

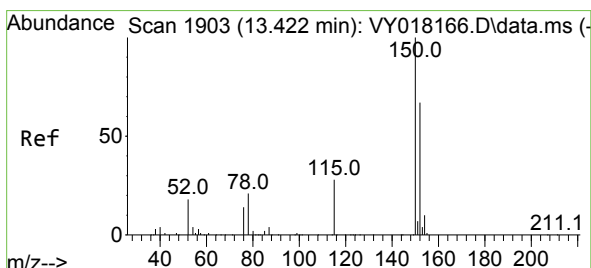
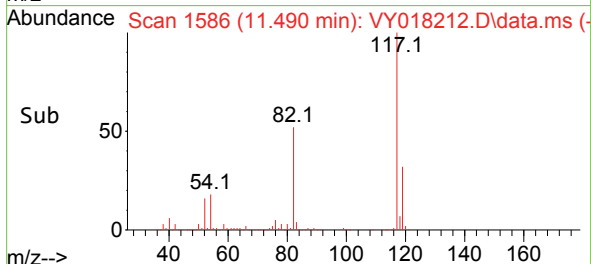
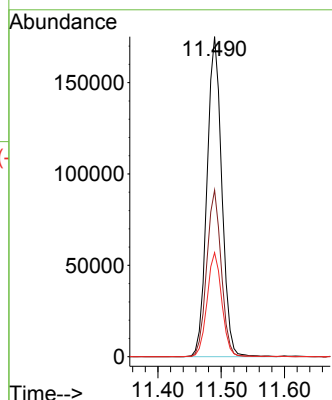
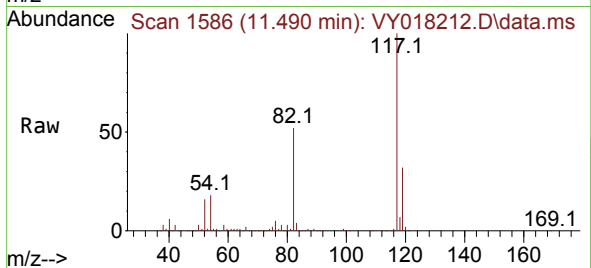
Tgt Ion:117 Resp: 284953

Ion Ratio Lower Upper

117 100

82 52.1 42.4 63.6

119 32.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018212.D

Acq: 09 May 2024 16:06

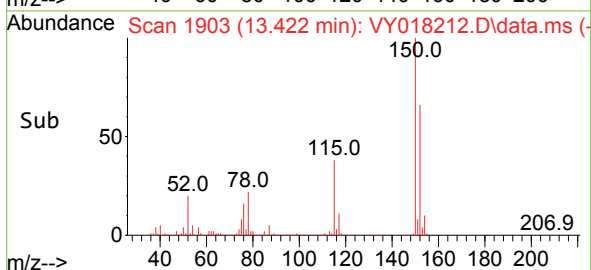
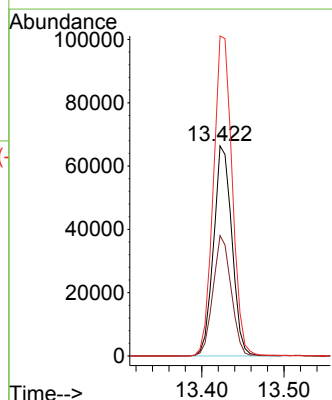
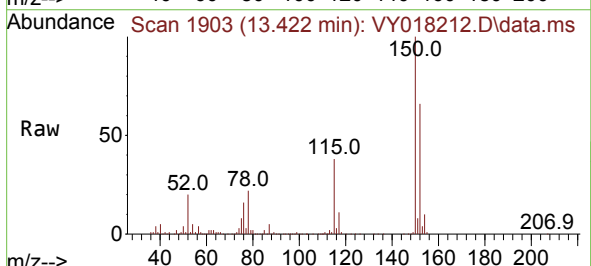
Tgt Ion:152 Resp: 102843

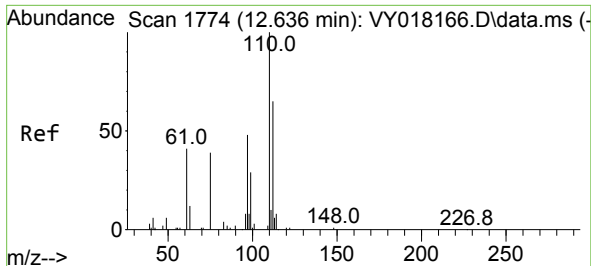
Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 156.3 0.0 345.6

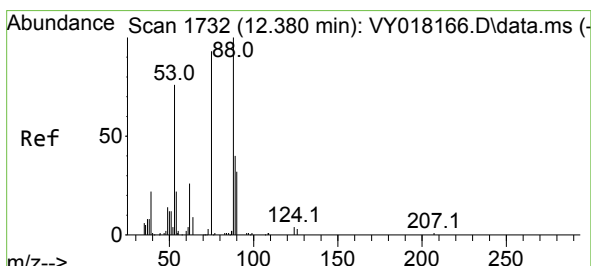
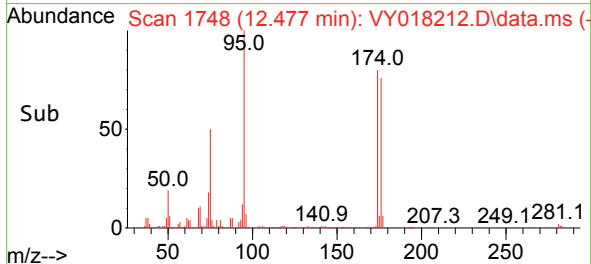
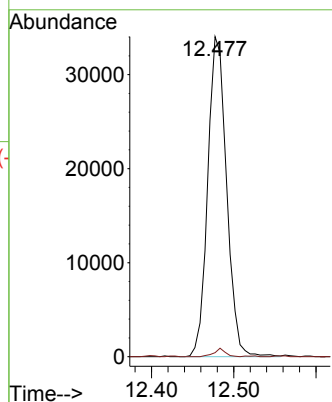
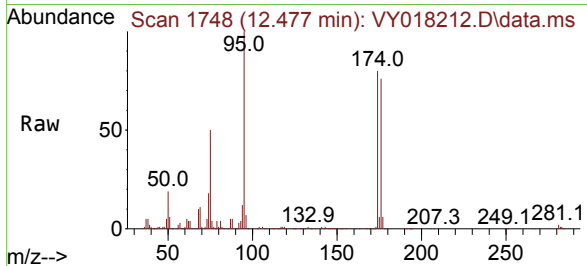




#76
1,2,3-Trichloropropane
Concen: 65.898 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY018212.D
Acq: 09 May 2024 16:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 54247
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.964 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY018212.D
Acq: 09 May 2024 16:06

Tgt Ion: 75 Resp: 54247
Ion Ratio Lower Upper
75 100
53 0.3 66.8 100.2#
89 0.0 35.8 53.6#

