

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018211.D
 Acq On : 09 May 2024 15:42
 Operator : SY/MD
 Sample : P2408-02
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 10 01:18:35 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)

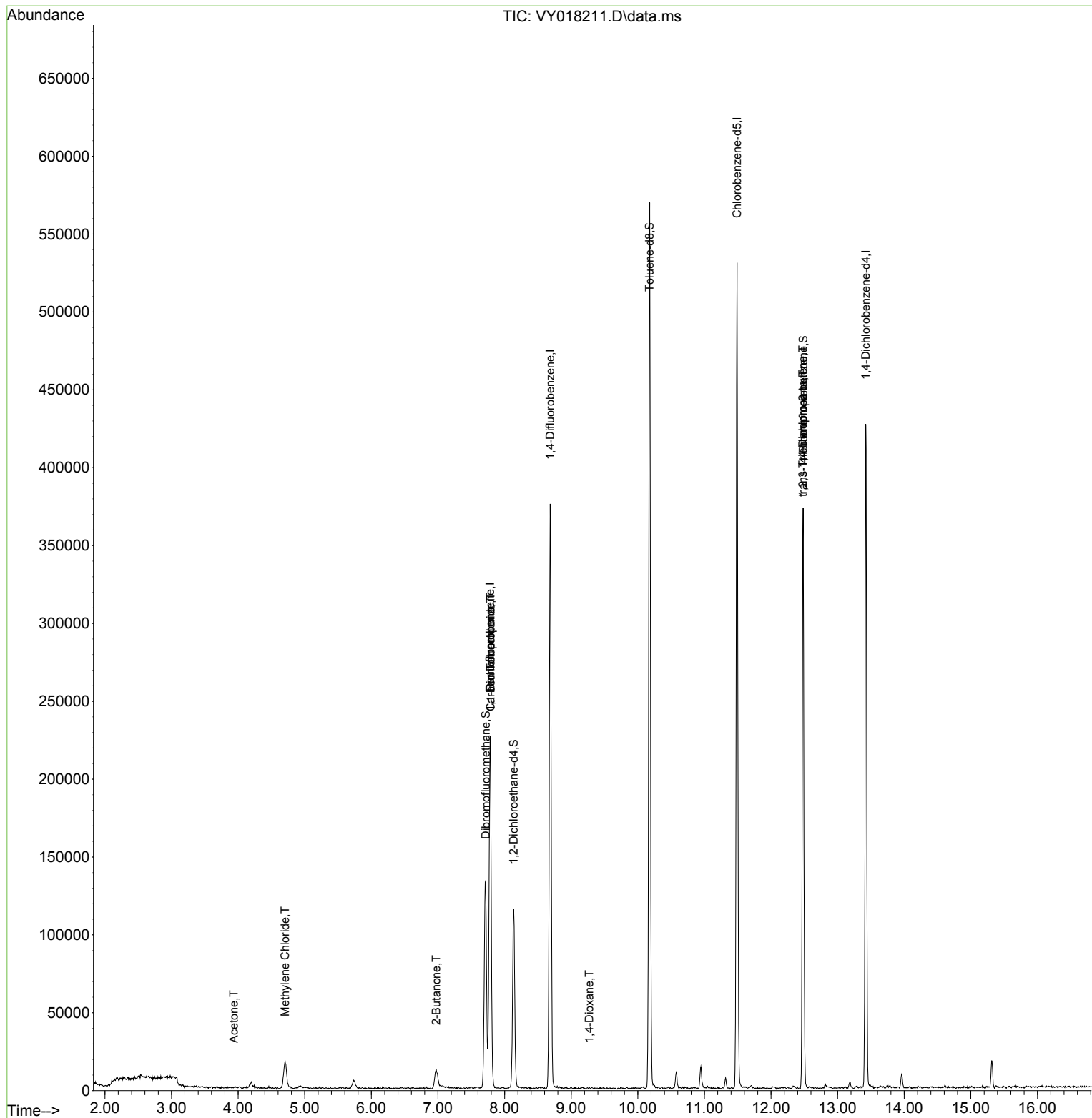
Internal Standards						
1) Pentafluorobenzene	7.783	168	180316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	339834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	295722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83121	62.661	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.320%			
35) Dibromofluoromethane	7.716	113	96365	53.956	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.920%			
50) Toluene-d8	10.179	98	384016	54.564	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.120%			
62) 4-Bromofluorobenzene	12.483	95	114659	50.448	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.900%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	451	Below Cal	#	97
13) Acrolein	3.716	56	71	Below Cal		89
16) Acetone	3.936	43	1420	5.364	ug/l	96
20) Methylene Chloride	4.704	84	13294	7.105	ug/l	93
25) 2-Butanone	6.972	43	805	1.902	ug/l #	41
31) Cyclohexane	7.789	56	3873	Below Cal	#	5
36) 1,1-Dichloropropene	7.789	75	12907	5.041	ug/l #	51
38) Carbon Tetrachloride	7.789	117	17423	6.228	ug/l #	16
49) 1,4-Dioxane	9.270	88	19	1.383	ug/l #	29
76) 1,2,3-Trichloropropane	12.477	75	56833	62.376	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	56833	120.178	ug/l #	16

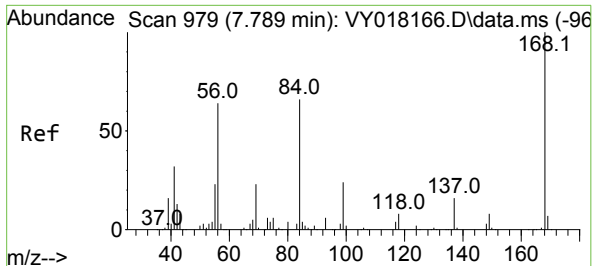
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
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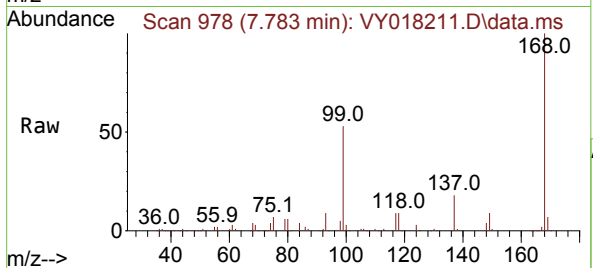
Quant Time: May 10 01:18:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
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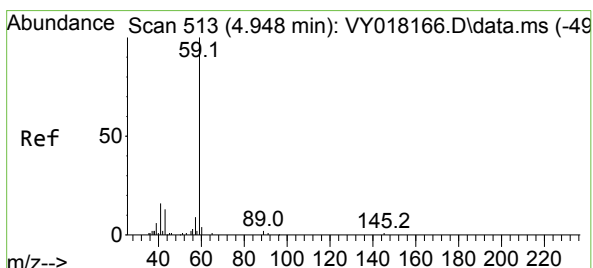
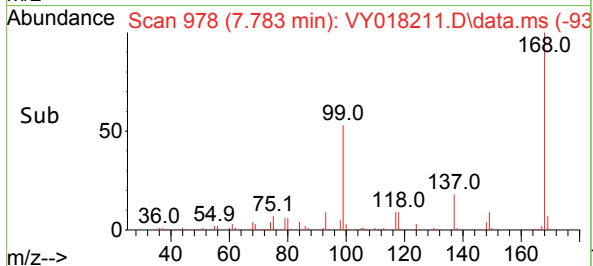
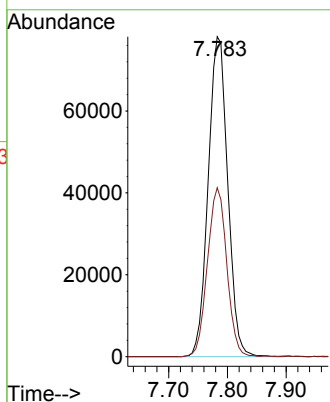


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018211.D
Acq: 09 May 2024 15:42

Instrument :
MSVOA_Y
ClientSampleId :

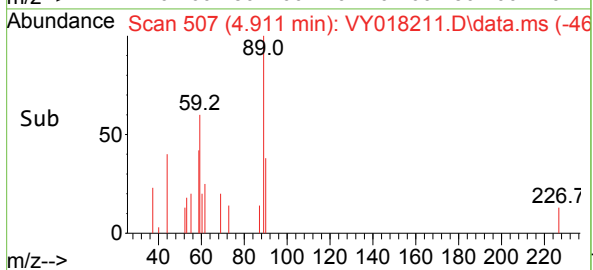
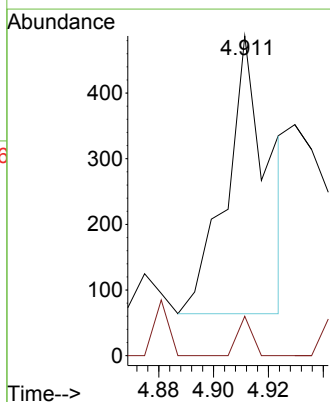
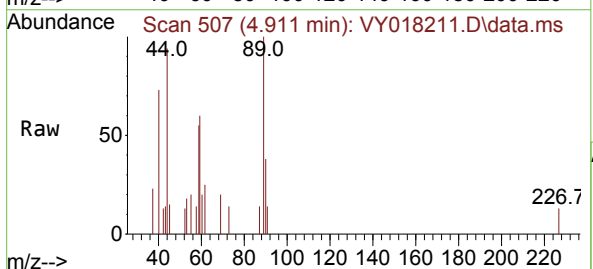


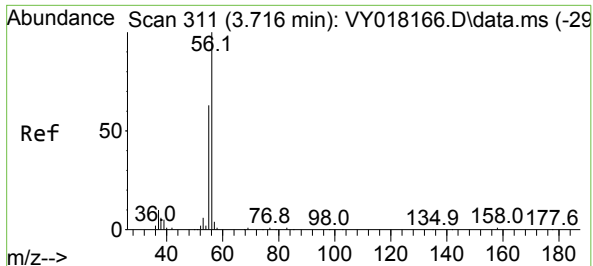
Tgt Ion:168 Resp: 180316
Ion Ratio Lower Upper
168 100
99 52.8 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.037 min
Lab File: VY018211.D
Acq: 09 May 2024 15:42

Tgt Ion: 59 Resp: 451
Ion Ratio Lower Upper
59 100
57 4.9 3.0 4.6#

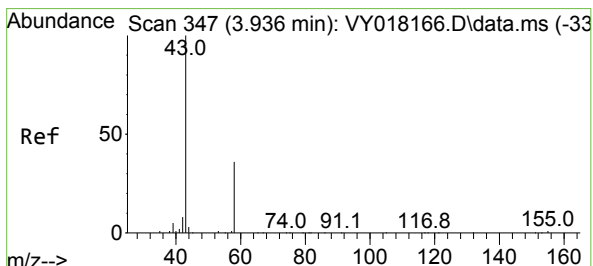
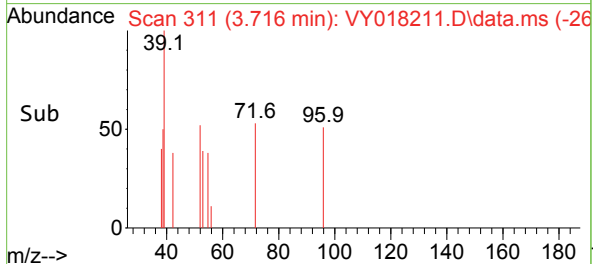
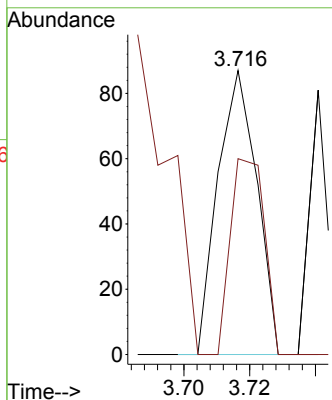
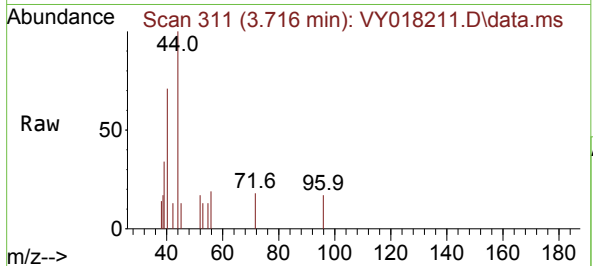




#13
Acrolein
Concen: Below Cal
RT: 3.716 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY018211.D
Acq: 09 May 2024 15:42

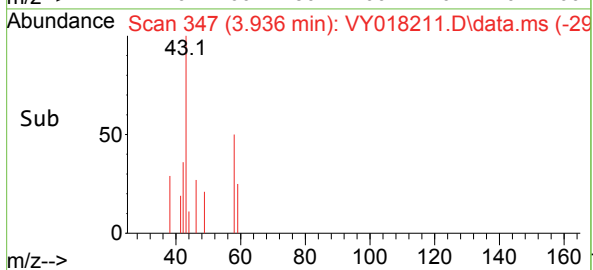
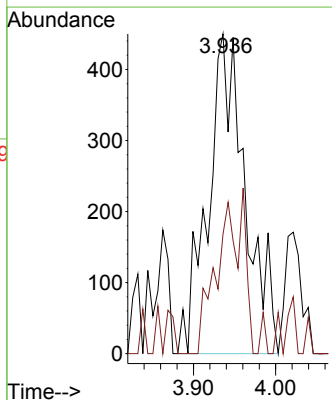
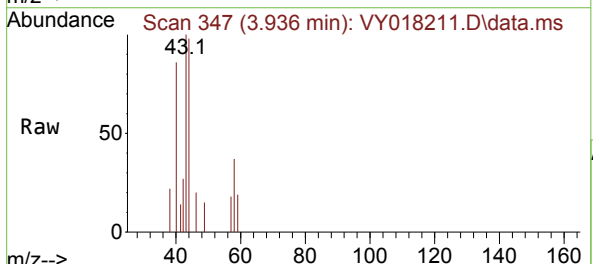
Instrument :
MSVOA_Y
ClientSampleId :

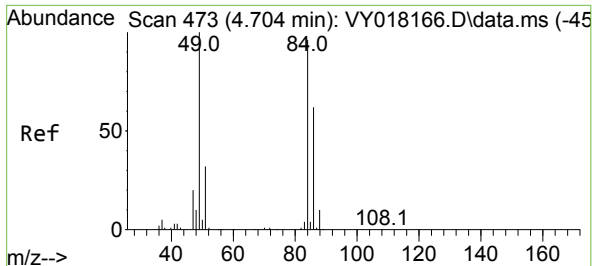
Tgt Ion: 56 Resp: 71
Ion Ratio Lower Upper
56 100
55 60.6 55.7 83.5



#16
Acetone
Concen: 5.364 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018211.D
Acq: 09 May 2024 15:42

Tgt Ion: 43 Resp: 1420
Ion Ratio Lower Upper
43 100
58 37.3 31.7 47.5

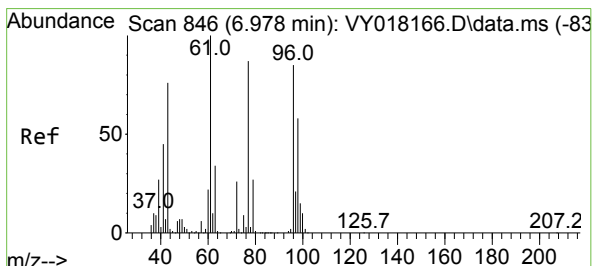
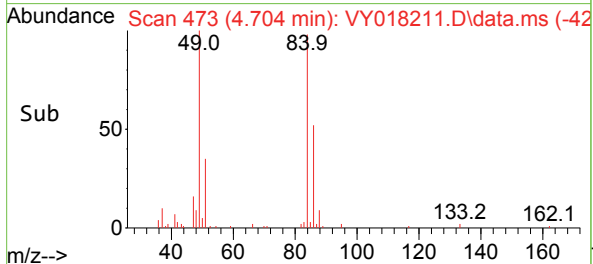
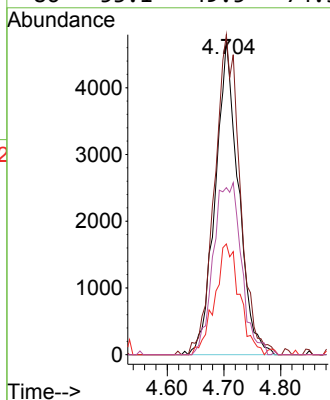
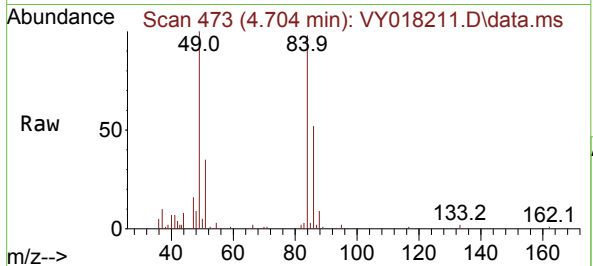




#20
Methylene Chloride
Concen: 7.105 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018211.D
Acq: 09 May 2024 15:42

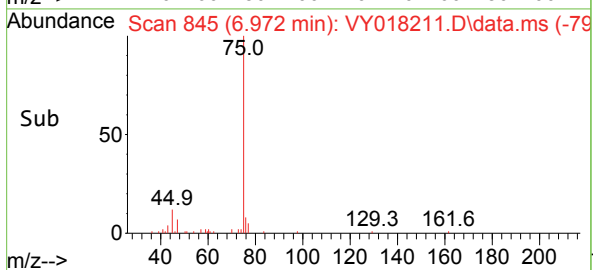
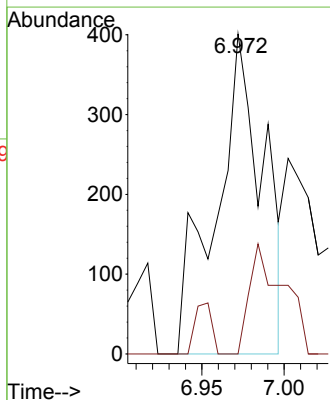
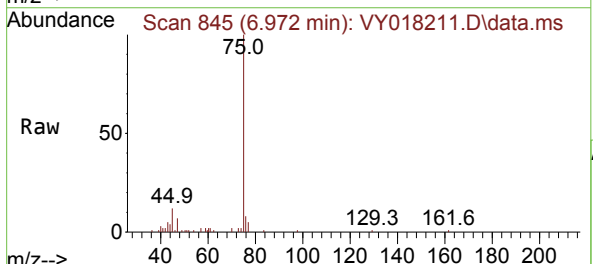
Instrument :
MSVOA_Y
ClientSampleId :

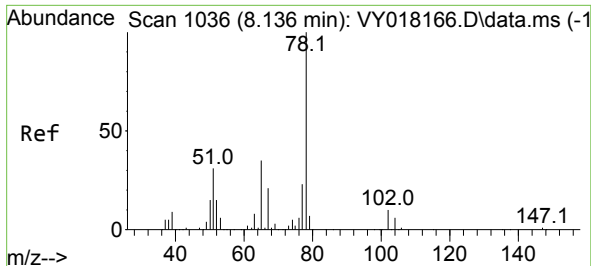
Tgt Ion:	84	Resp:	13294
Ion	Ratio	Lower	Upper
84	100		
49	100.6	84.4	126.6
51	35.2	26.0	39.0
86	53.1	49.5	74.3



#25
2-Butanone
Concen: 1.902 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY018211.D
Acq: 09 May 2024 15:42

Tgt Ion:	43	Resp:	805
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#





#33

1,2-Dichloroethane-d4

Concen: 62.661 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018211.D

Acq: 09 May 2024 15:42

Instrument :

MSVOA_Y

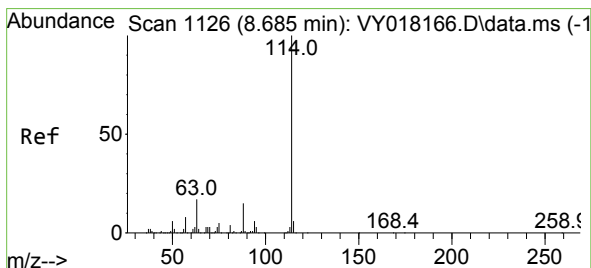
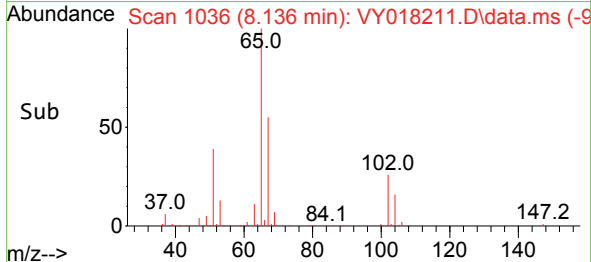
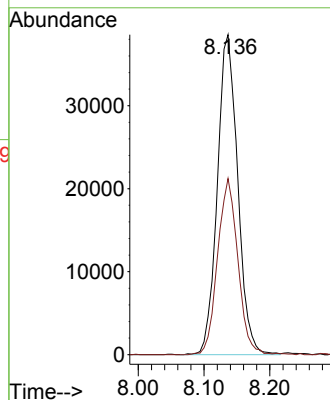
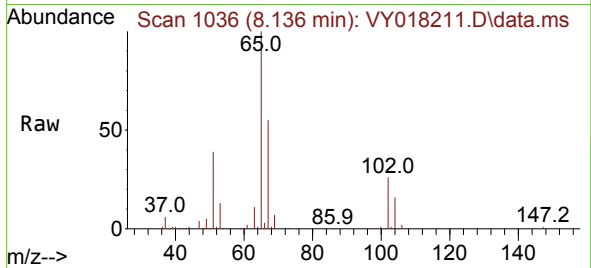
ClientSampleId :

Tgt Ion: 65 Resp: 83121

Ion Ratio Lower Upper

65 100

67 54.7 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: VY018211.D

Acq: 09 May 2024 15:42

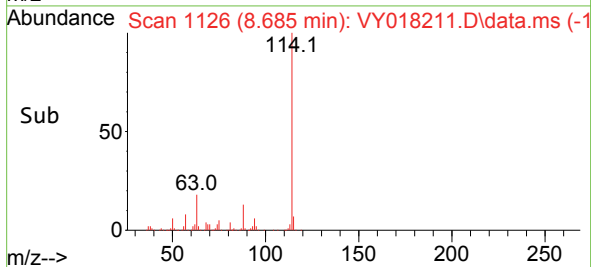
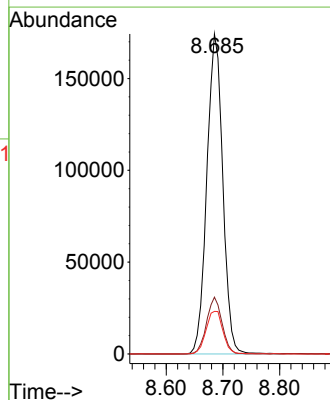
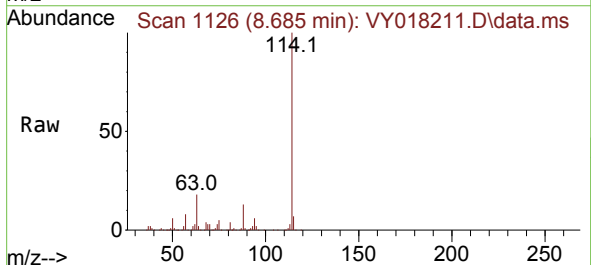
Tgt Ion: 114 Resp: 339834

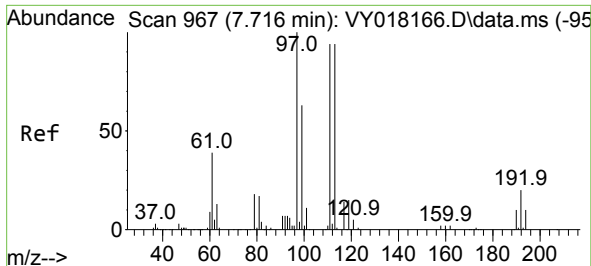
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

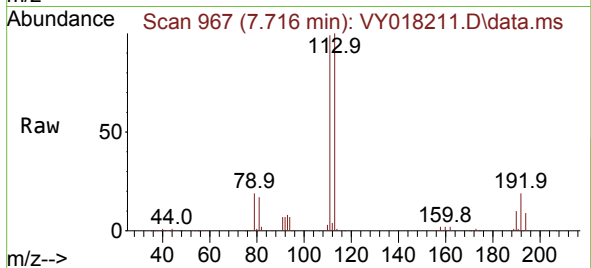
88 13.3 0.0 27.2



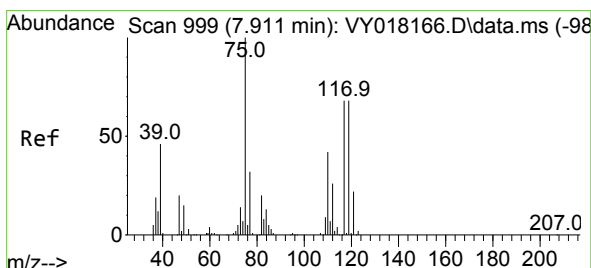
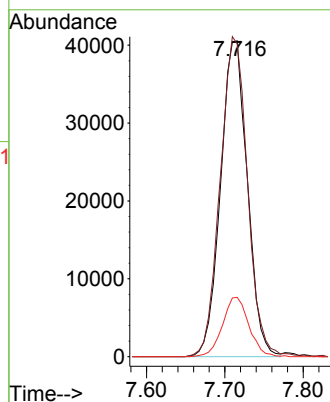
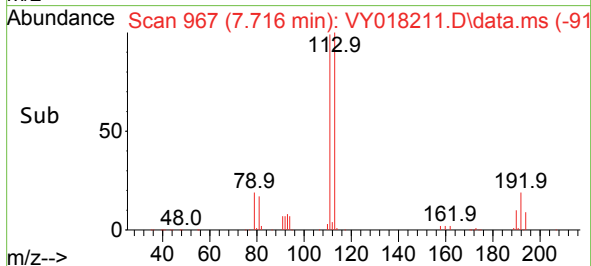


#35
Dibromofluoromethane
Concen: 53.956 ug/l
RT: 7.716 min Scan# 912
Delta R.T. -0.000 min
Lab File: VY018211.D
Acq: 09 May 2024 15:42

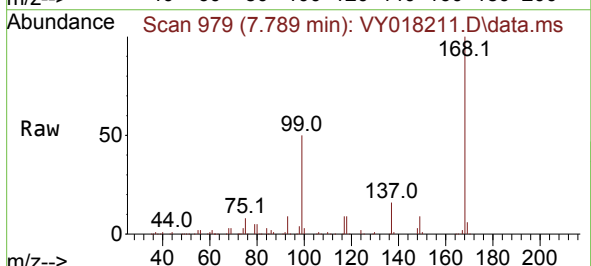
Instrument :
MSVOA_Y
ClientSampleId :



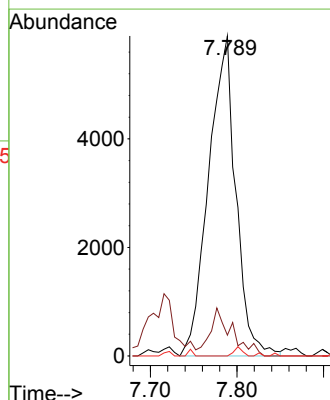
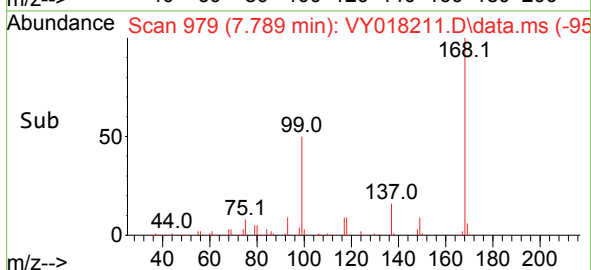
Tgt Ion:113 Resp: 96365
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 18.6 15.9 23.9

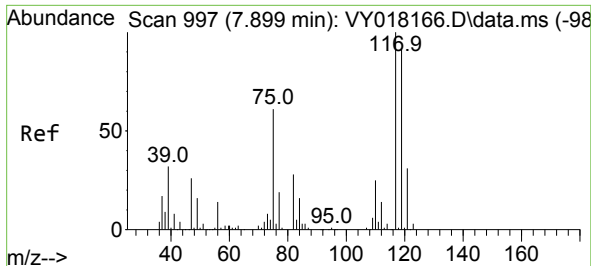


#36
1,1-Dichloropropene
Concen: 5.041 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY018211.D
Acq: 09 May 2024 15:42



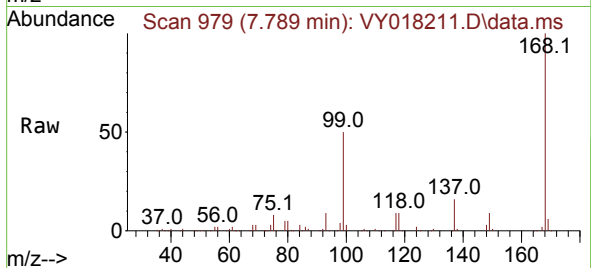
Tgt Ion: 75 Resp: 12907
Ion Ratio Lower Upper
75 100
110 12.2 19.0 57.0#
77 0.0 25.3 37.9#



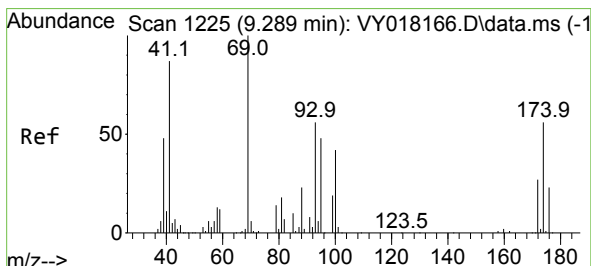
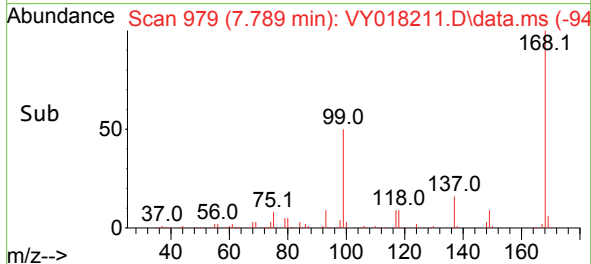
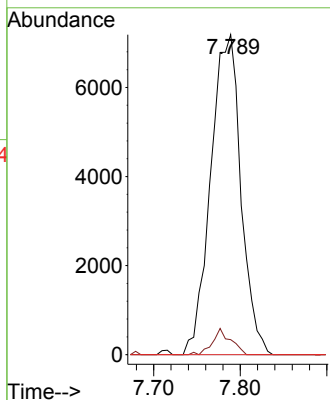


#38
Carbon Tetrachloride
Concen: 6.228 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018211.D
Acq: 09 May 2024 15:42

Instrument :
MSVOA_Y
ClientSampleId :

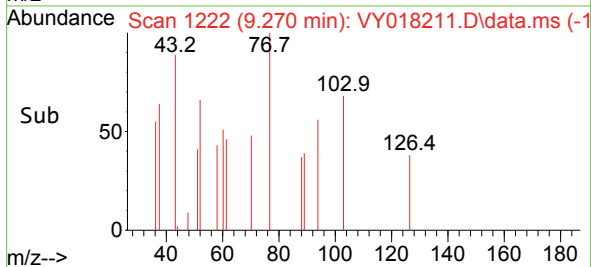
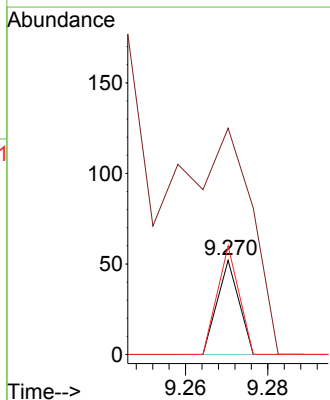
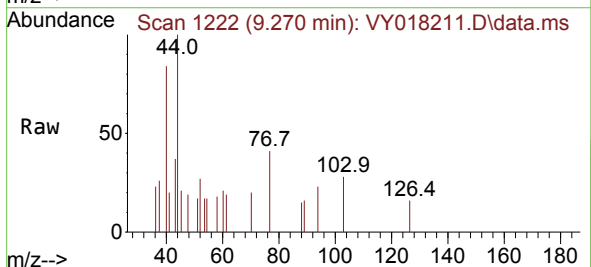


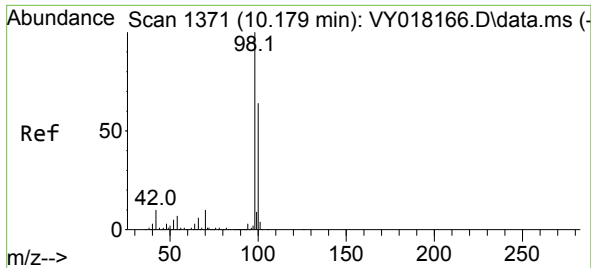
Tgt Ion:117 Resp: 17423
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.383 ug/l
RT: 9.270 min Scan# 1222
Delta R.T. -0.018 min
Lab File: VY018211.D
Acq: 09 May 2024 15:42

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 115.8 49.3 73.9#

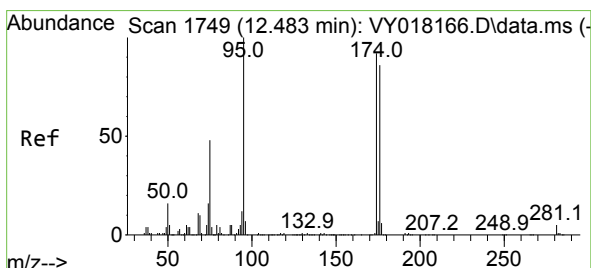
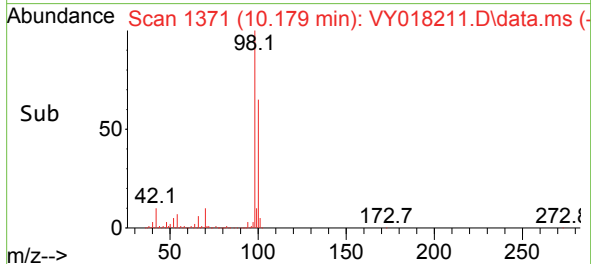
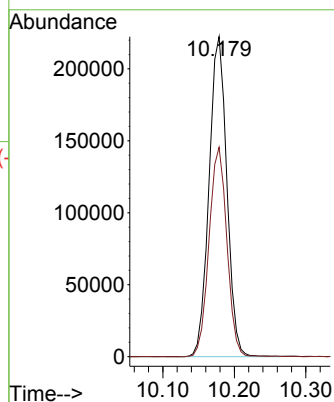
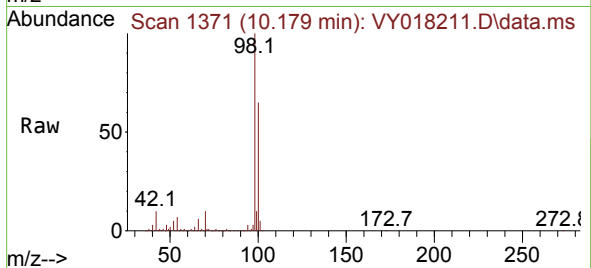




#50
Toluene-d8
Concen: 54.564 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018211.D
Acq: 09 May 2024 15:42

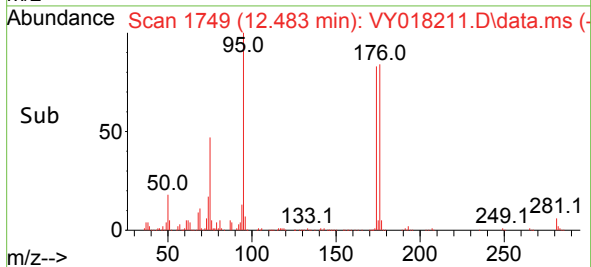
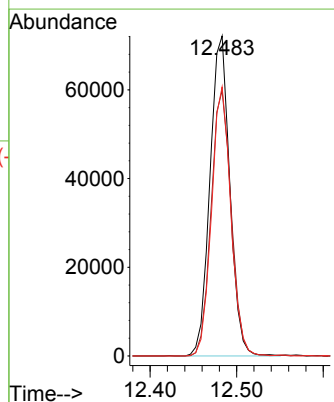
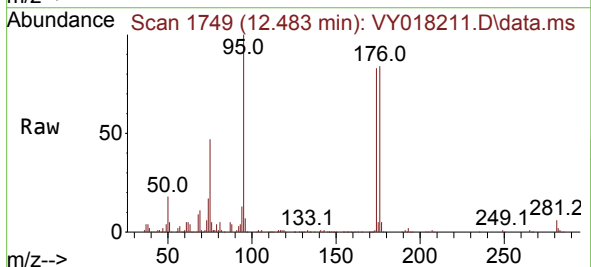
Instrument :
MSVOA_Y
ClientSampleId :

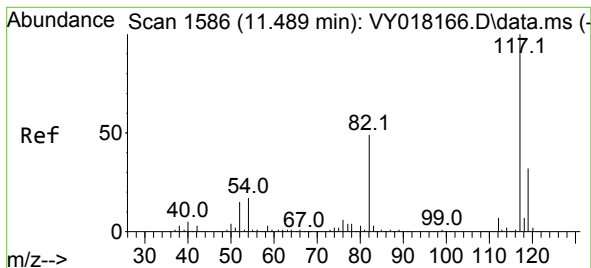
Tgt Ion: 98 Resp: 384016
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.448 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018211.D
Acq: 09 May 2024 15:42

Tgt Ion: 95 Resp: 114659
Ion Ratio Lower Upper
95 100
174 84.1 0.0 175.6
176 81.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 117

Delta R.T. -0.000 min

Lab File: VY018211.D

Acq: 09 May 2024 15:42

Instrument :

MSVOA_Y

ClientSampleId :

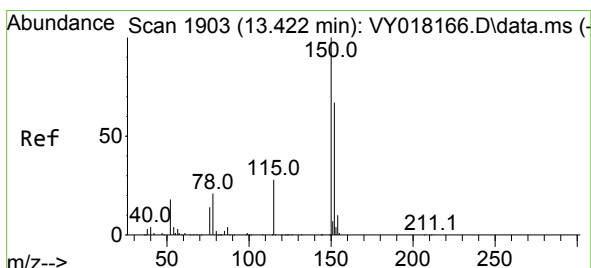
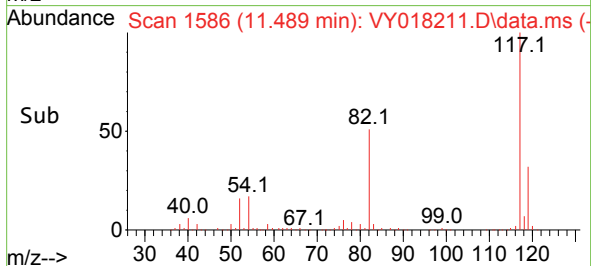
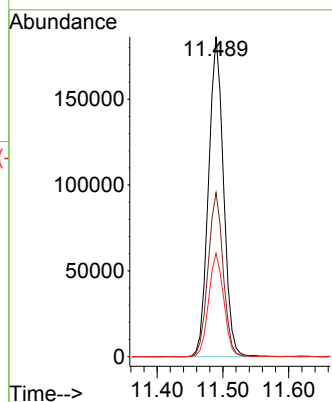
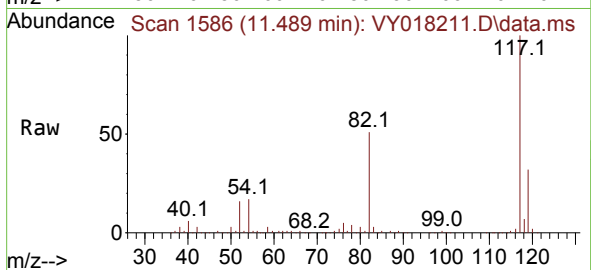
Tgt Ion:117 Resp: 295722

Ion Ratio Lower Upper

117 100

82 51.3 42.4 63.6

119 32.3 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: VY018211.D

Acq: 09 May 2024 15:42

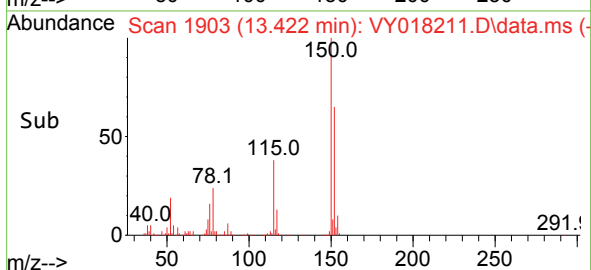
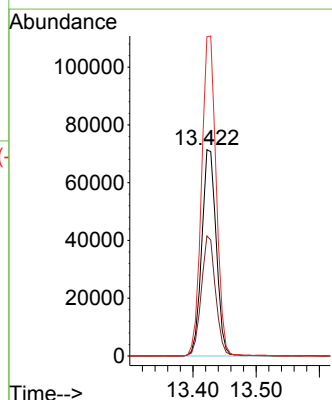
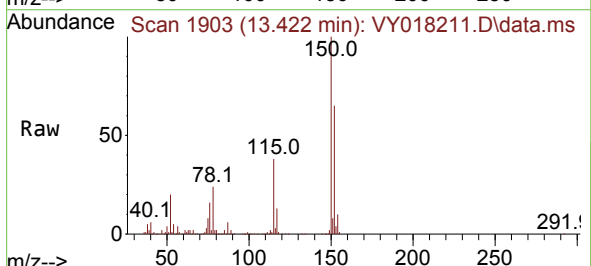
Tgt Ion:152 Resp: 113830

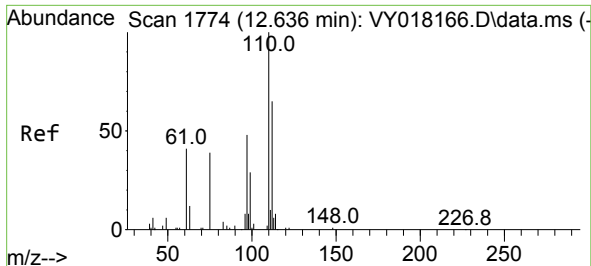
Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 156.6 0.0 345.6

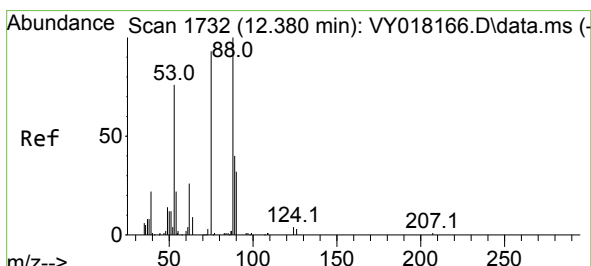
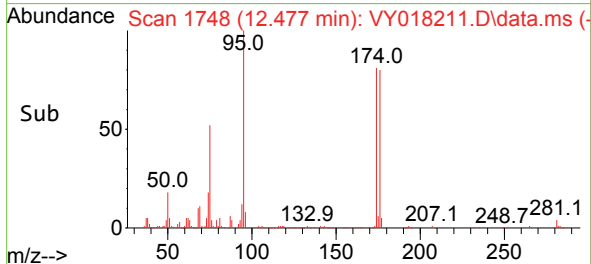
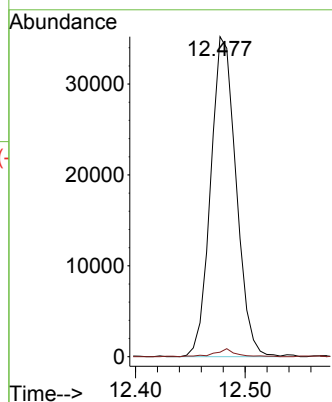
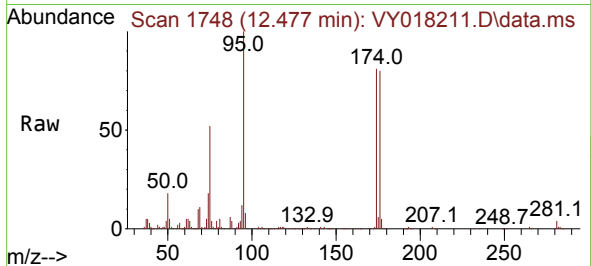




#76
1,2,3-Trichloropropane
Concen: 62.376 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY018211.D
Acq: 09 May 2024 15:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 56833
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.178 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY018211.D
Acq: 09 May 2024 15:42

Tgt Ion: 75 Resp: 56833
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

