

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
 Data File : VY018233.D
 Acq On : 10 May 2024 14:56
 Operator : SY/MD
 Sample : P2432-05
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 11 01:01:57 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)

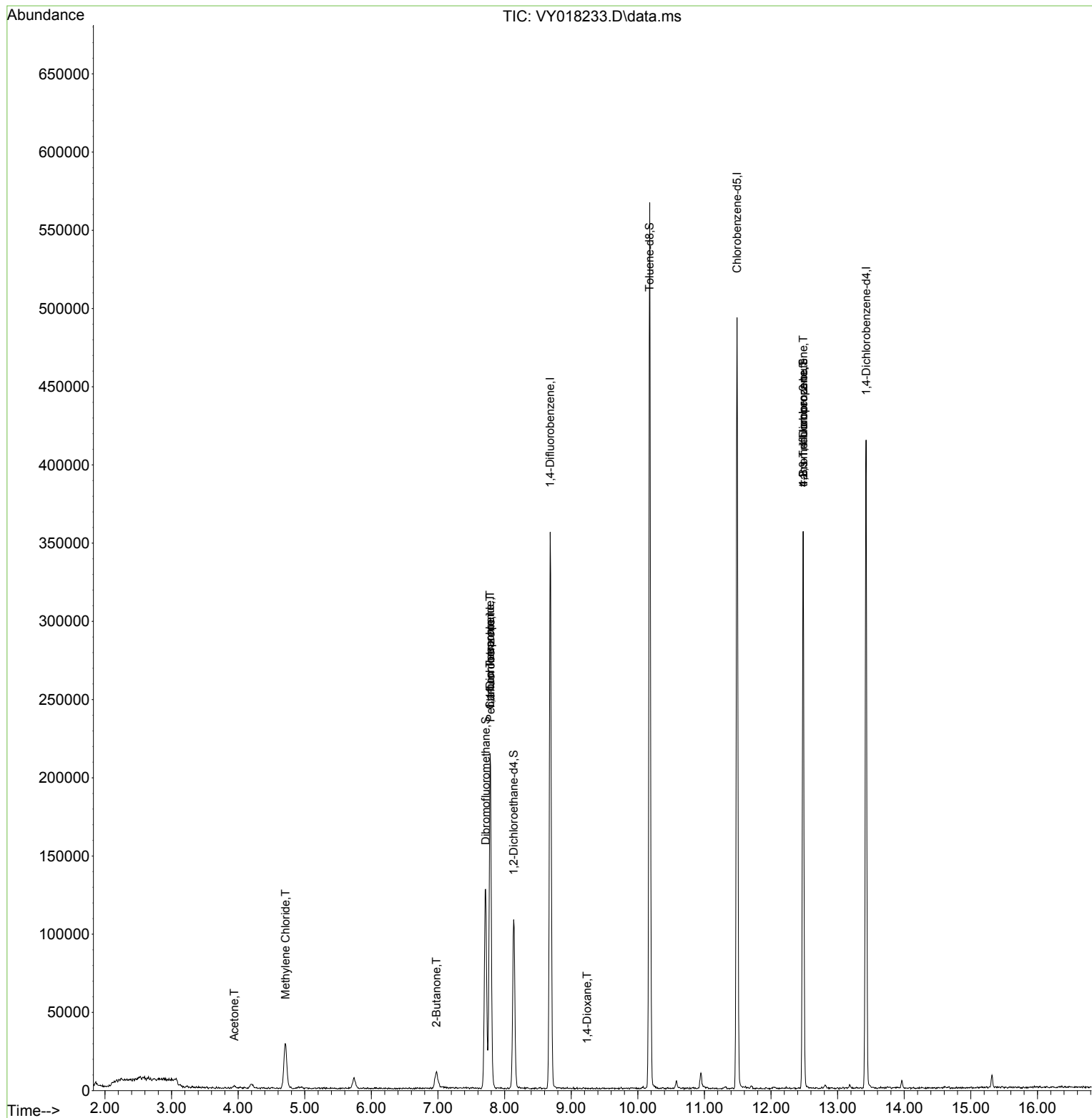
Internal Standards						
1) Pentafluorobenzene	7.789	168	165776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	321266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	281368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81151	66.541	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.080%			
35) Dibromofluoromethane	7.716	113	92880	55.011	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.020%			
50) Toluene-d8	10.179	98	361089	54.272	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.540%			
62) 4-Bromofluorobenzene	12.483	95	108998	50.729	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.460%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	530	Below Cal	#	88
13) Acrolein	3.716	56	90	Below Cal		91
16) Acetone	3.942	43	2528	10.387	ug/l #	62
20) Methylene Chloride	4.710	84	22838	13.276	ug/l	97
25) 2-Butanone	6.978	43	768	1.974	ug/l #	41
31) Cyclohexane	7.783	56	3788	Below Cal	#	12
36) 1,1-Dichloropropene	7.783	75	12525	5.175	ug/l #	45
38) Carbon Tetrachloride	7.783	117	16772	6.342	ug/l #	17
49) 1,4-Dioxane	9.240	88	55	4.234	ug/l #	67
76) 1,2,3-Trichloropropane	12.483	75	54921	63.933	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54921	123.178	ug/l #	16

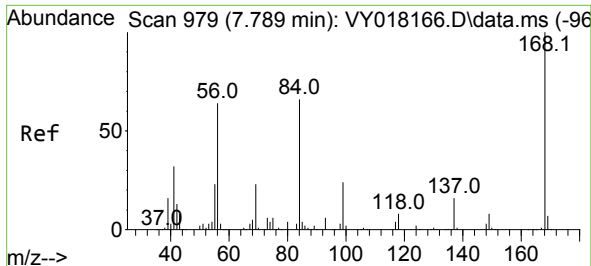
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
Data File : VY018233.D
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Operator : SY/MD
Sample : P2432-05
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

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MSVOA_Y
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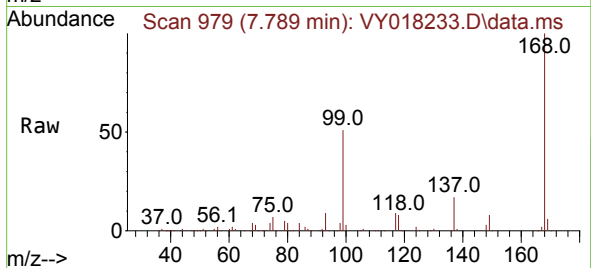
Quant Time: May 11 01:01:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration



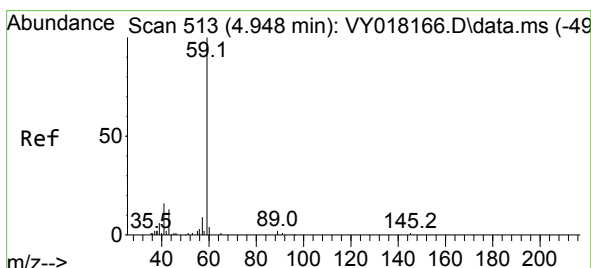
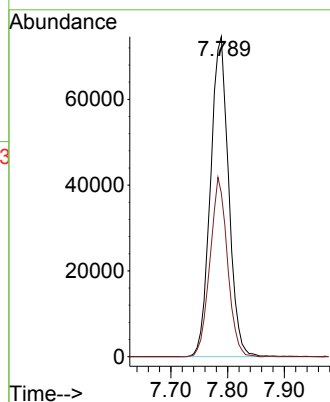
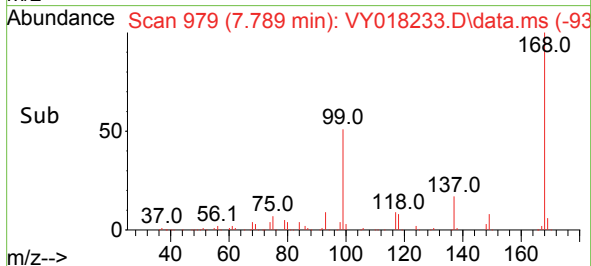


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018233.D
Acq: 10 May 2024 14:56

Instrument :
MSVOA_Y
ClientSampleId :

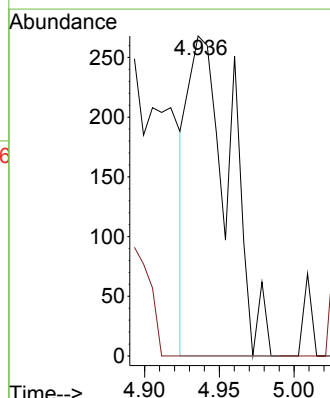
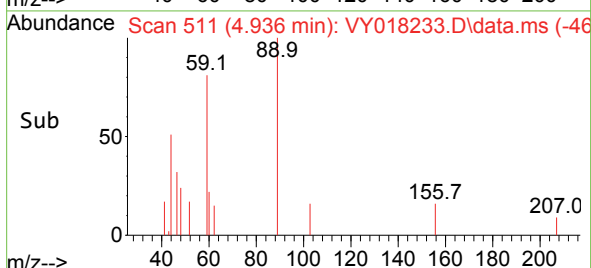
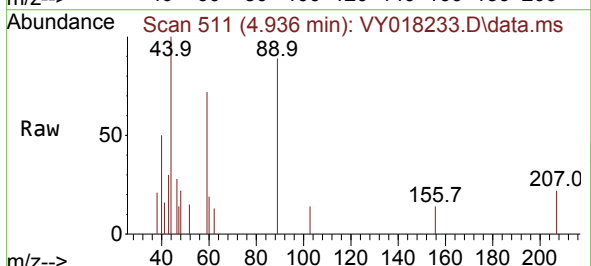


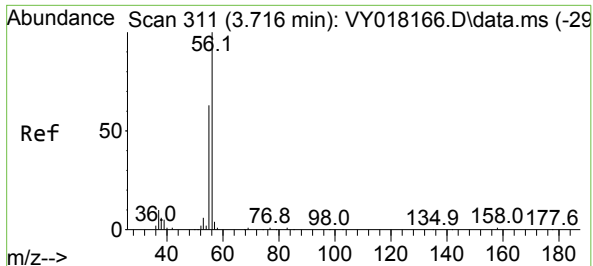
Tgt Ion:168 Resp: 165776
Ion Ratio Lower Upper
168 100
99 51.1 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY018233.D
Acq: 10 May 2024 14:56

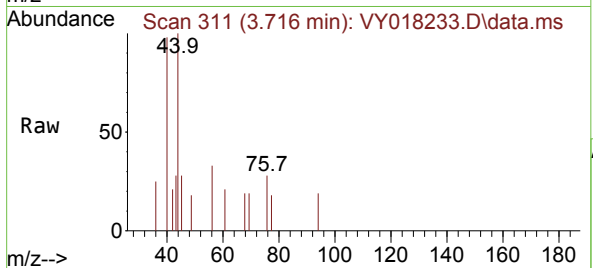
Tgt Ion: 59 Resp: 530
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



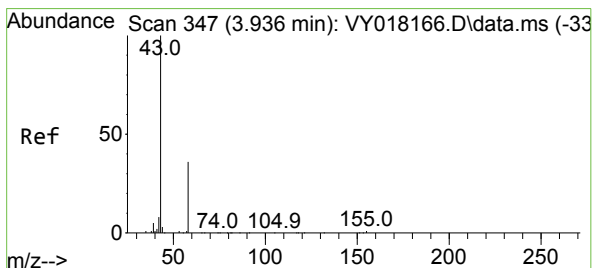
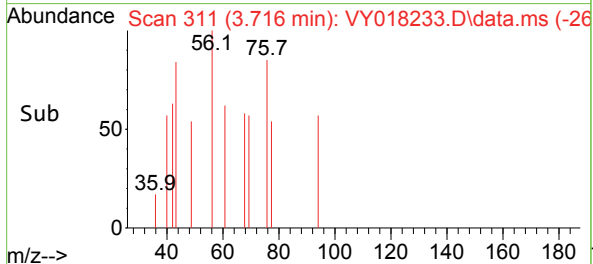
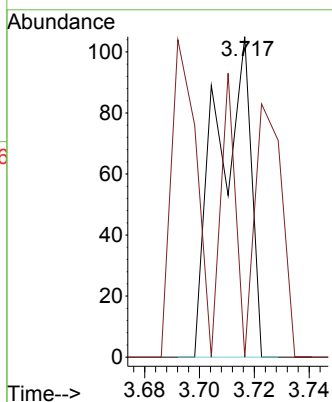


#13
Acrolein
Concen: Below Cal
RT: 3.716 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY018233.D
Acq: 10 May 2024 14:56

Instrument :
MSVOA_Y
ClientSampleId :

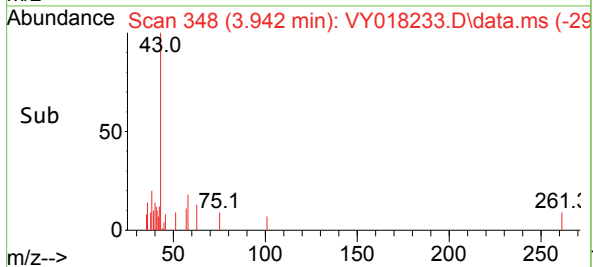
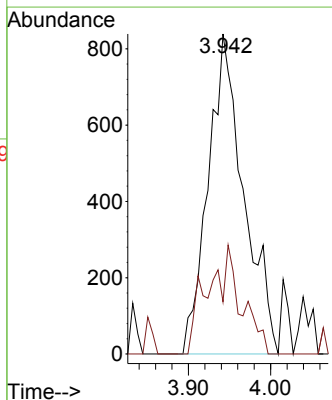
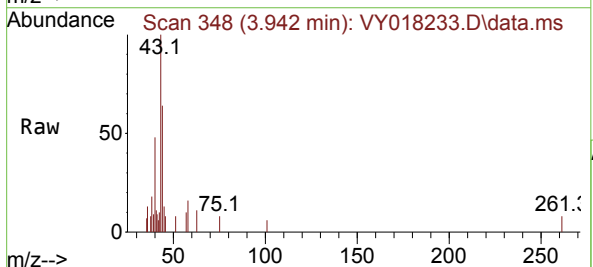


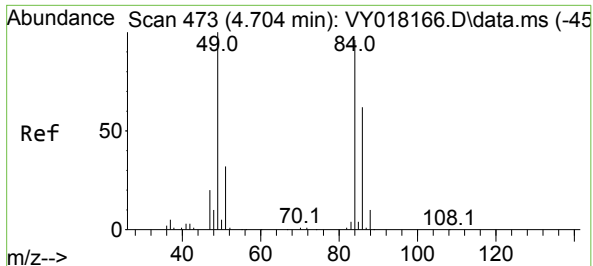
Tgt Ion: 56 Resp: 90
Ion Ratio Lower Upper
56 100
55 62.2 55.7 83.5



#16
Acetone
Concen: 10.387 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018233.D
Acq: 10 May 2024 14:56

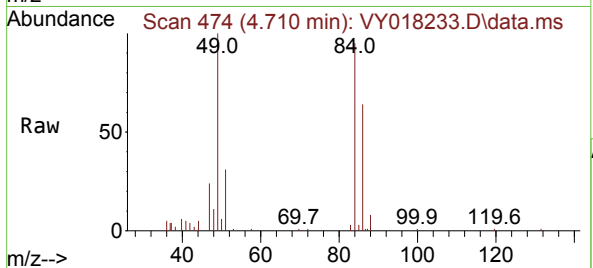
Tgt Ion: 43 Resp: 2528
Ion Ratio Lower Upper
43 100
58 16.3 31.7 47.5#



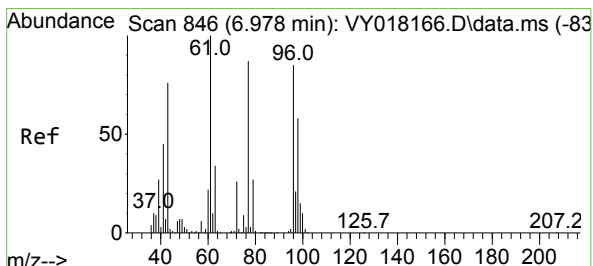
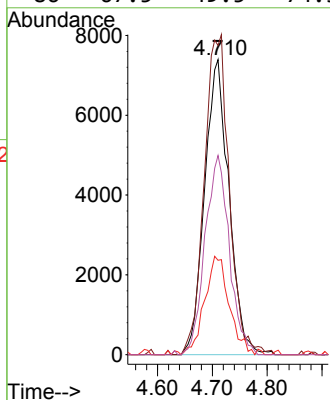
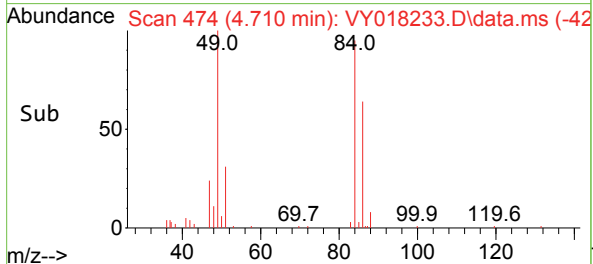


#20
Methylene Chloride
Concen: 13.276 ug/l
RT: 4.710 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY018233.D
Acq: 10 May 2024 14:56

Instrument :
MSVOA_Y
ClientSampleId :

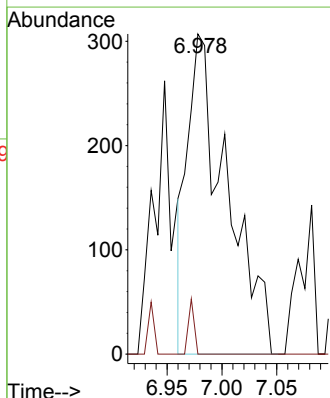
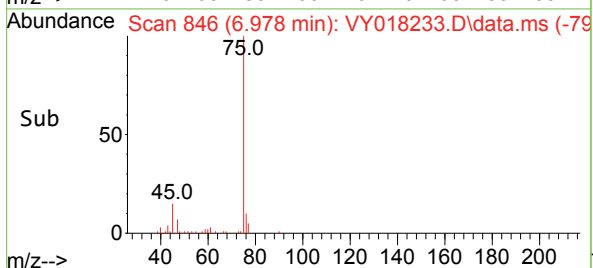
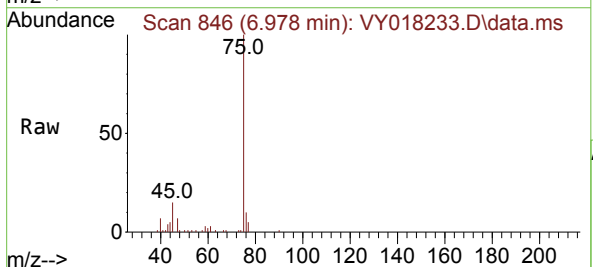


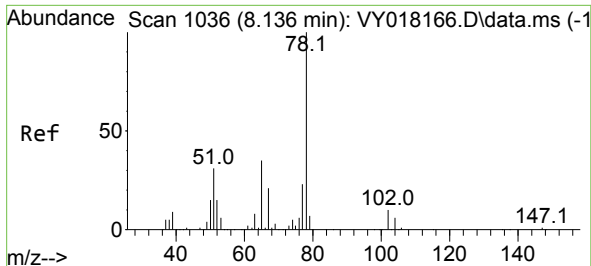
Tgt Ion:	84	Resp:	22838
Ion	Ratio	Lower	Upper
84	100		
49	104.8	84.4	126.6
51	31.0	26.0	39.0
86	67.5	49.5	74.3



#25
2-Butanone
Concen: 1.974 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018233.D
Acq: 10 May 2024 14:56

Tgt Ion:	43	Resp:	768
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#

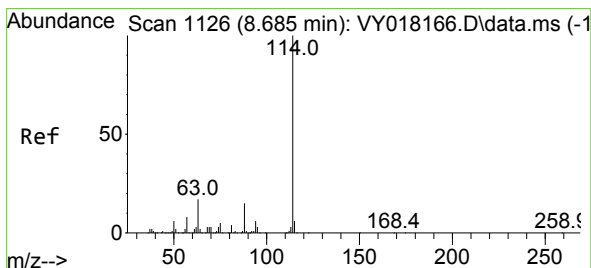
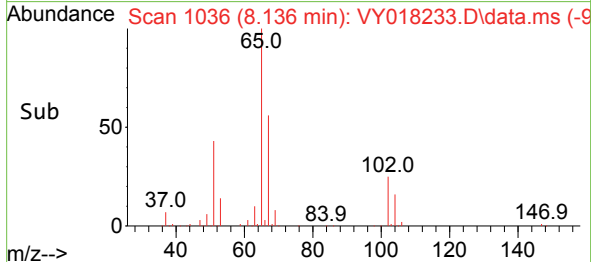
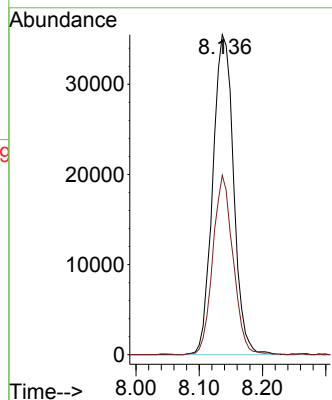
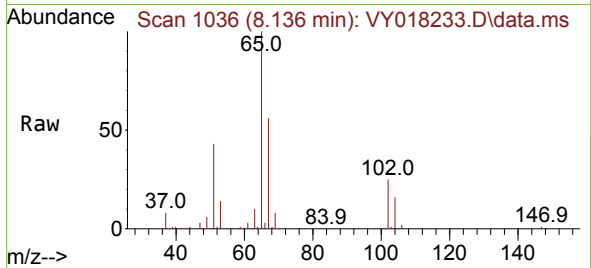




#33
1,2-Dichloroethane-d4
Concen: 66.541 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018233.D
Acq: 10 May 2024 14:56

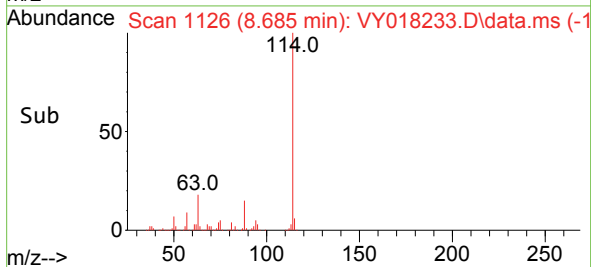
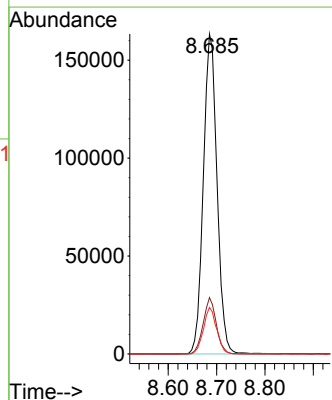
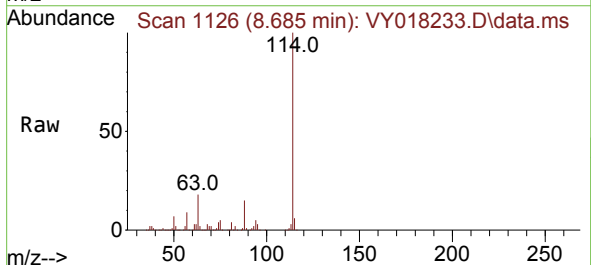
Instrument :
MSVOA_Y
ClientSampleId :

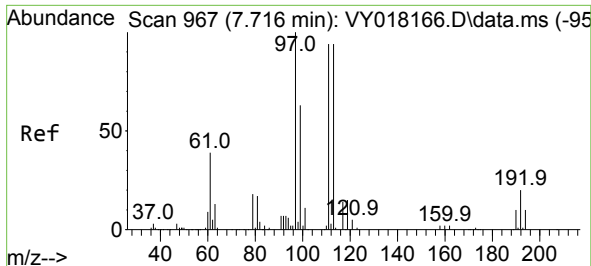
Tgt Ion: 65 Resp: 81151
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018233.D
Acq: 10 May 2024 14:56

Tgt Ion: 114 Resp: 321266
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.0
88 14.5 0.0 27.2

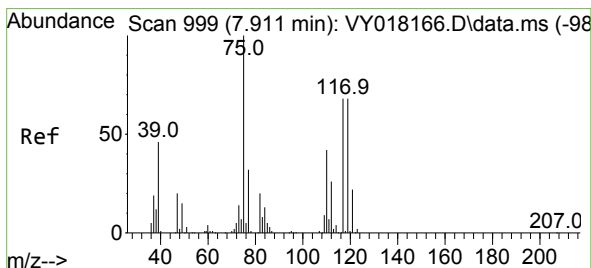
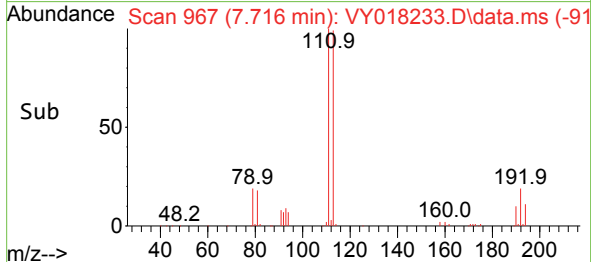
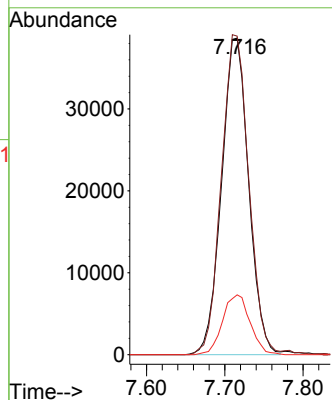
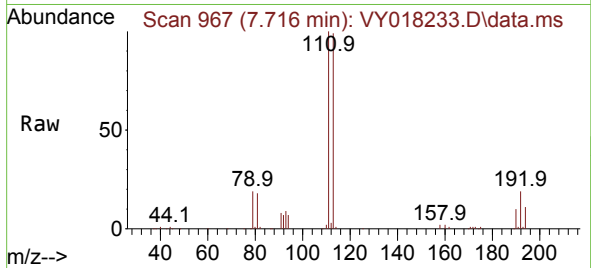




#35
Dibromofluoromethane
Concen: 55.011 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018233.D
Acq: 10 May 2024 14:56

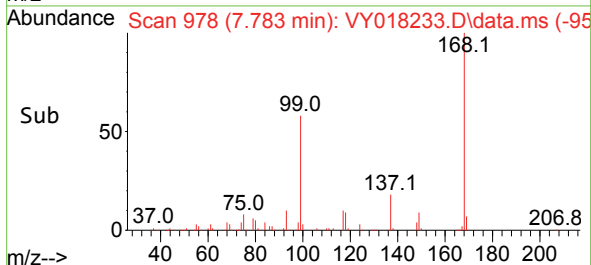
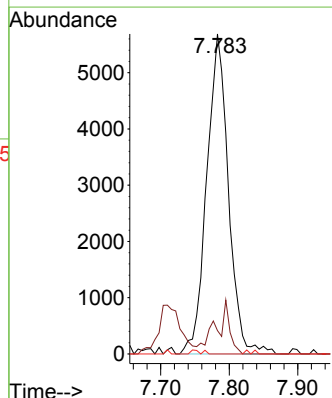
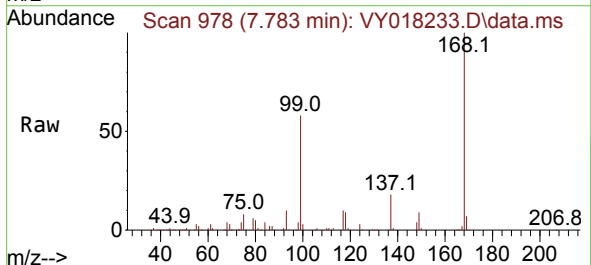
Instrument :
MSVOA_Y
ClientSampleId :

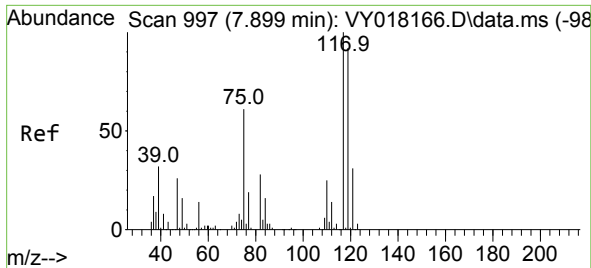
Tgt Ion:113 Resp: 92880
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 19.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.175 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018233.D
Acq: 10 May 2024 14:56

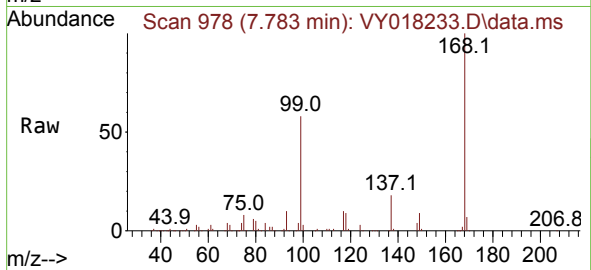
Tgt Ion: 75 Resp: 12525
Ion Ratio Lower Upper
75 100
110 6.2 19.0 57.0#
77 0.0 25.3 37.9#



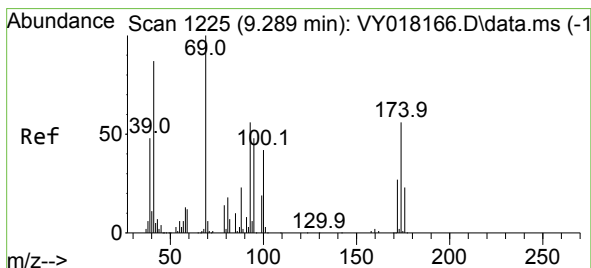
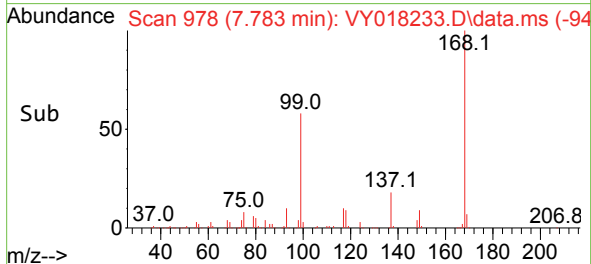
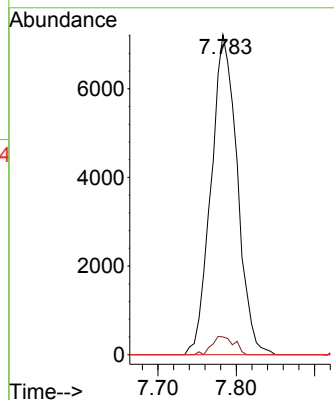


#38
Carbon Tetrachloride
Concen: 6.342 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018233.D
Acq: 10 May 2024 14:56

Instrument :
MSVOA_Y
ClientSampleId :

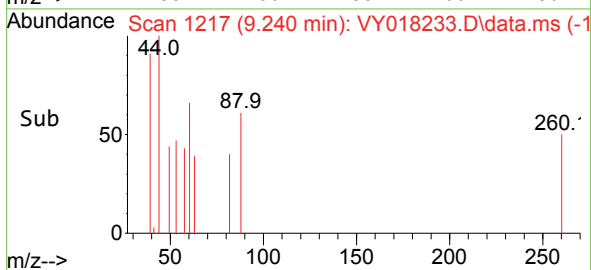
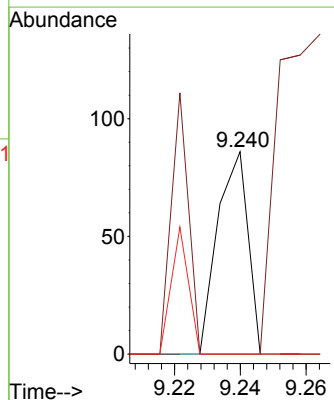
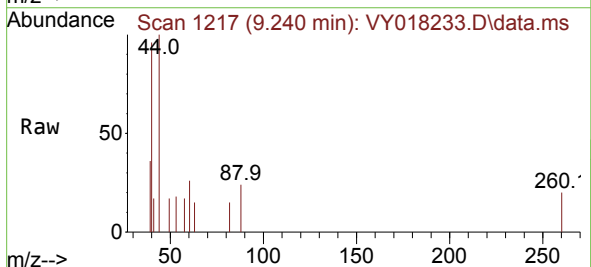


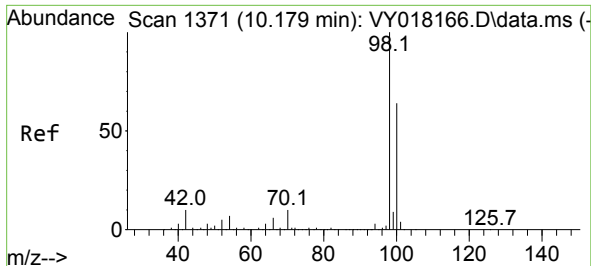
Tgt Ion: 117 Resp: 16772
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 4.234 ug/l
RT: 9.240 min Scan# 1217
Delta R.T. -0.049 min
Lab File: VY018233.D
Acq: 10 May 2024 14:56

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 74.5 0.0 0.0#
58 36.4 49.3 73.9#

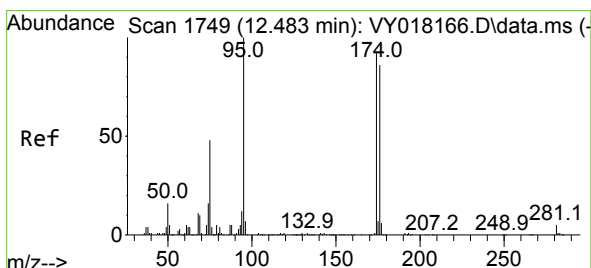
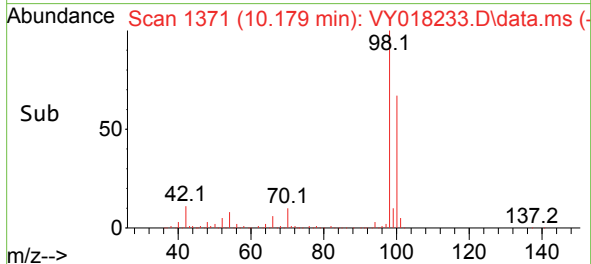
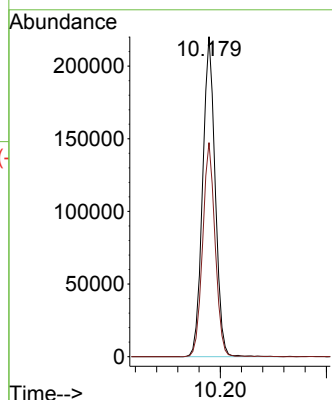
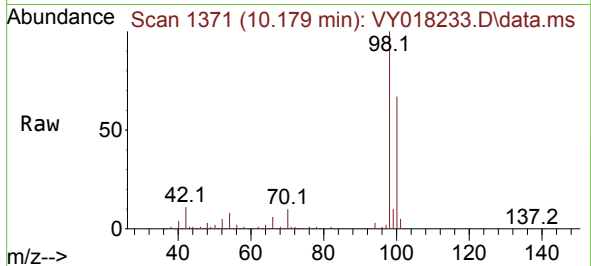




#50
Toluene-d8
Concen: 54.272 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018233.D
Acq: 10 May 2024 14:56

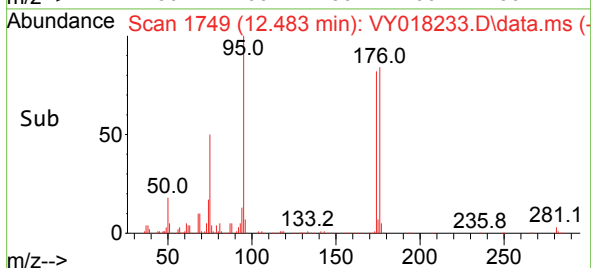
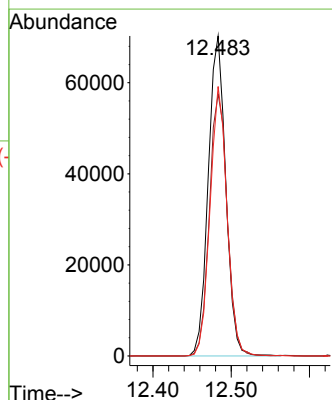
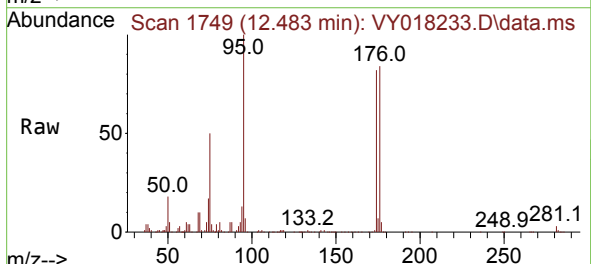
Instrument :
MSVOA_Y
ClientSampleId :

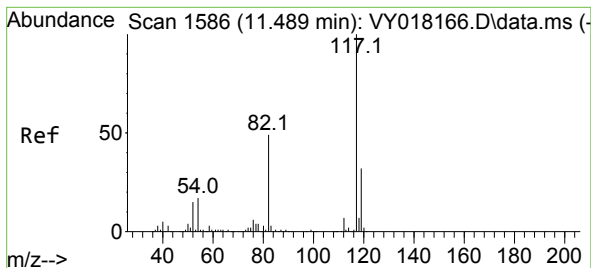
Tgt Ion: 98 Resp: 361089
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.729 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018233.D
Acq: 10 May 2024 14:56

Tgt Ion: 95 Resp: 108998
Ion Ratio Lower Upper
95 100
174 83.7 0.0 175.6
176 81.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018233.D

Acq: 10 May 2024 14:56

Instrument :

MSVOA_Y

ClientSampleId :

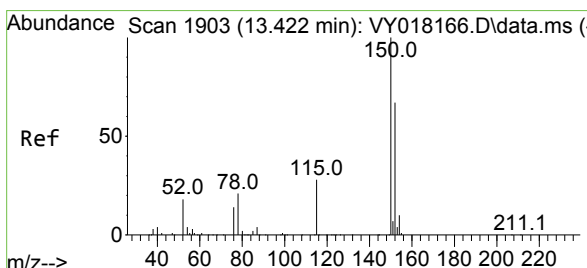
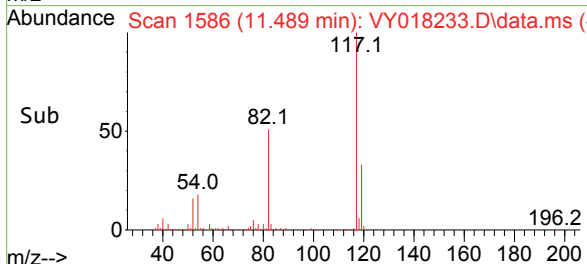
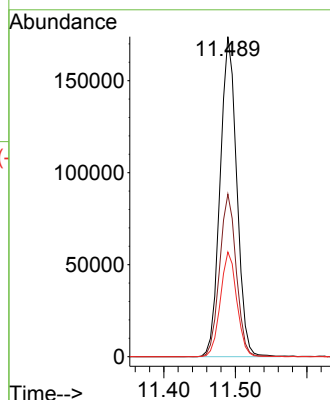
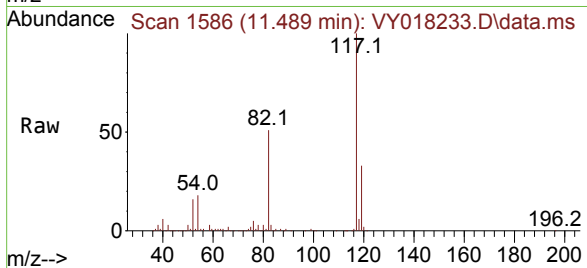
Tgt Ion:117 Resp: 281368

Ion Ratio Lower Upper

117 100

82 50.8 42.4 63.6

119 32.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018233.D

Acq: 10 May 2024 14:56

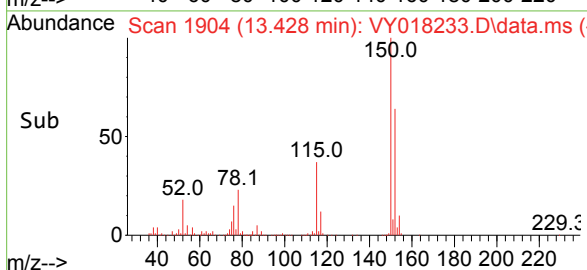
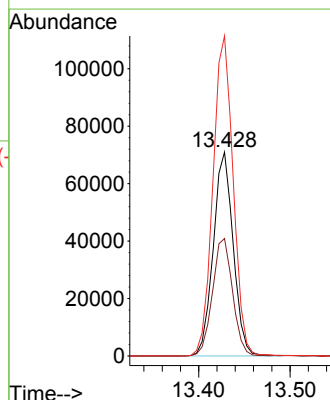
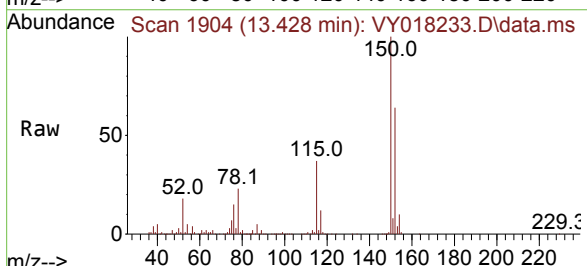
Tgt Ion:152 Resp: 107321

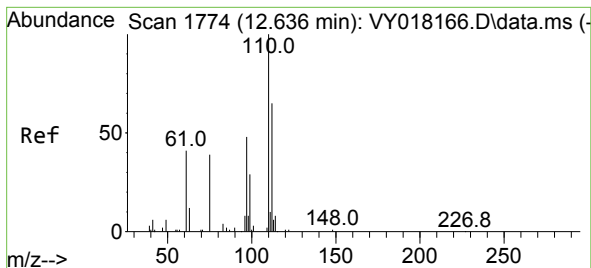
Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 159.5 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 63.933 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018233.D

Acq: 10 May 2024 14:56

Instrument :

MSVOA_Y

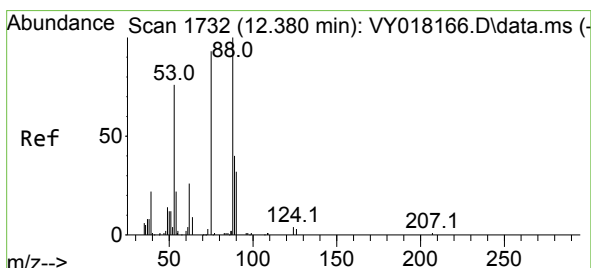
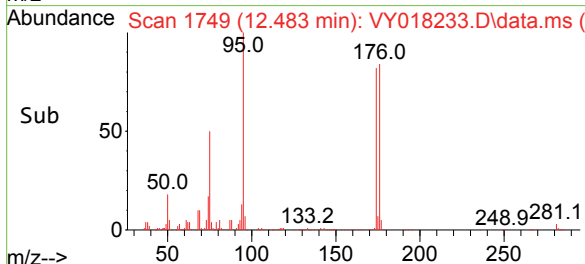
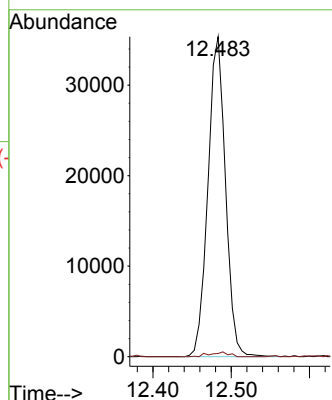
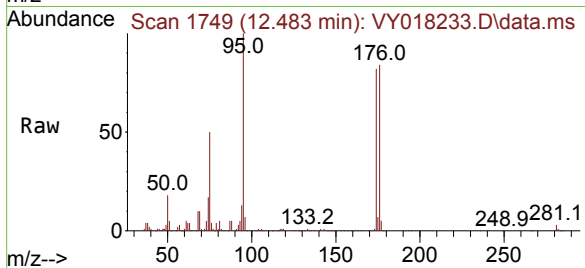
ClientSampleId :

Tgt Ion: 75 Resp: 54921

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 123.178 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY018233.D

Acq: 10 May 2024 14:56

Tgt Ion: 75 Resp: 54921

Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

89 0.0 35.8 53.6#

