

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018194.D
 Acq On : 08 May 2024 17:35
 Operator : SY/MD
 Sample : P2415-01
 Misc : 3.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 09 02:29:14 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)

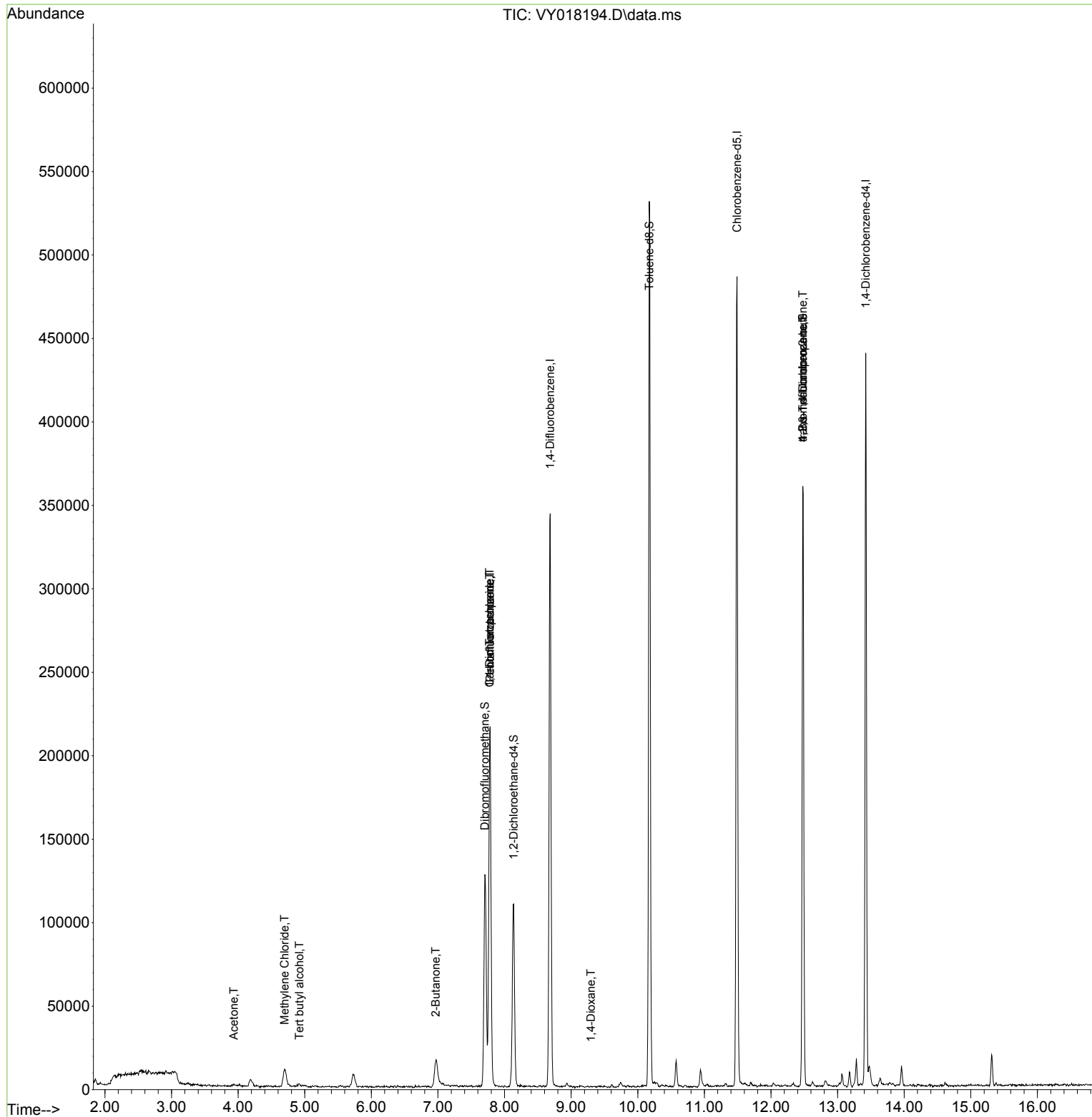
Internal Standards						
1) Pentafluorobenzene	7.783	168	174156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	322006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	285282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	114036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	80500	62.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.660%	
35) Dibromofluoromethane	7.704	113	94850	56.048	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.100%	
50) Toluene-d8	10.173	98	361299	54.178	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.360%	
62) 4-Bromofluorobenzene	12.477	95	113058	52.497	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	1599	2.478	ug/l #	94
13) Acrolein	3.723	56	158	Below Cal	#	1
16) Acetone	3.936	43	3054	11.945	ug/l	98
20) Methylene Chloride	4.698	84	8562	4.738	ug/l	93
25) 2-Butanone	6.966	43	1221	2.988	ug/l	90
31) Cyclohexane	7.777	56	3906	Below Cal	#	35
36) 1,1-Dichloropropene	7.777	75	13563	5.591	ug/l #	48
38) Carbon Tetrachloride	7.777	117	16337	6.163	ug/l #	16
49) 1,4-Dioxane	9.295	88	19	1.459	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	55573	60.883	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	55573	117.301	ug/l #	16

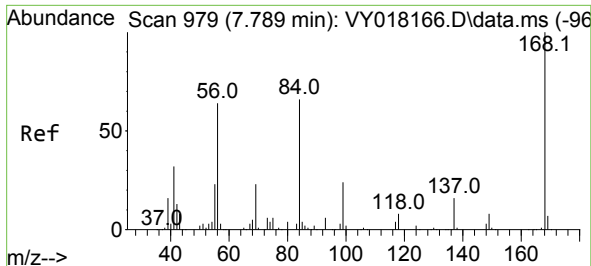
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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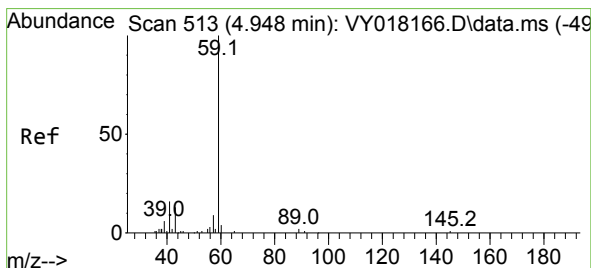
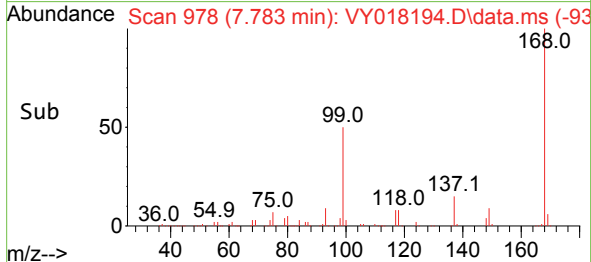
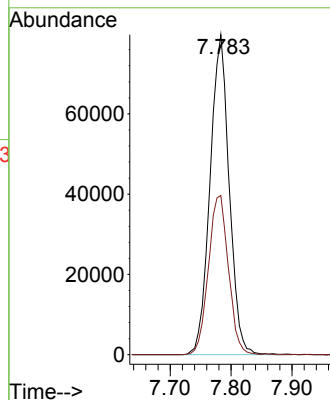
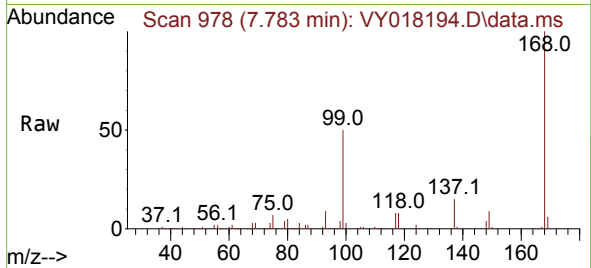




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018194.D
Acq: 08 May 2024 17:35

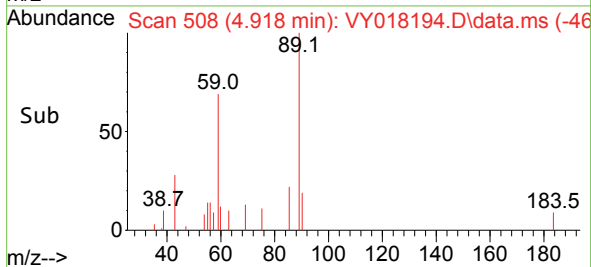
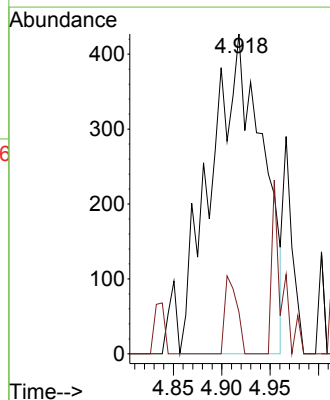
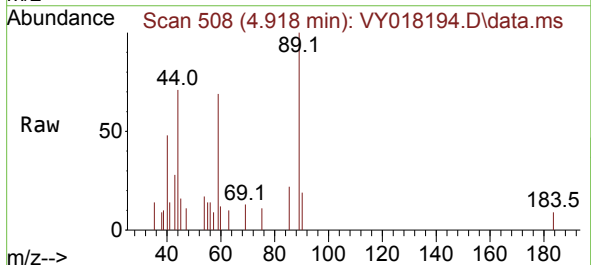
Instrument :
MSVOA_Y
ClientSampleId :

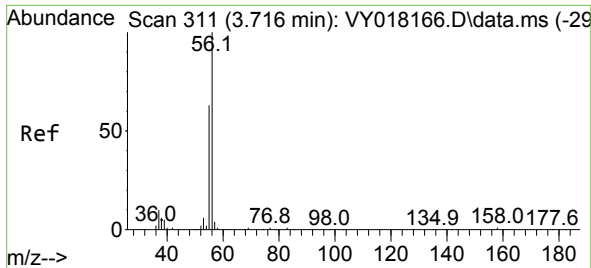
Tgt Ion:168 Resp: 174156
Ion Ratio Lower Upper
168 100
99 49.8 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.478 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.030 min
Lab File: VY018194.D
Acq: 08 May 2024 17:35

Tgt Ion: 59 Resp: 1599
Ion Ratio Lower Upper
59 100
57 5.6 3.0 4.6#





#13

Acrolein

Concen: Below Cal

RT: 3.723 min Scan# 311

Delta R.T. 0.007 min

Lab File: VY018194.D

Acq: 08 May 2024 17:35

Instrument :

MSVOA_Y

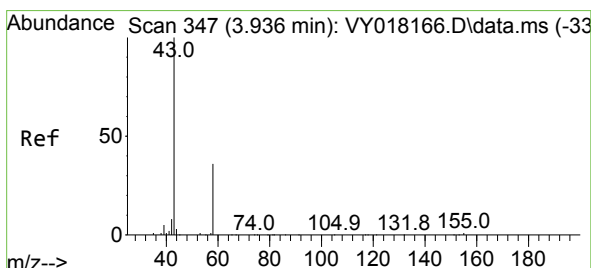
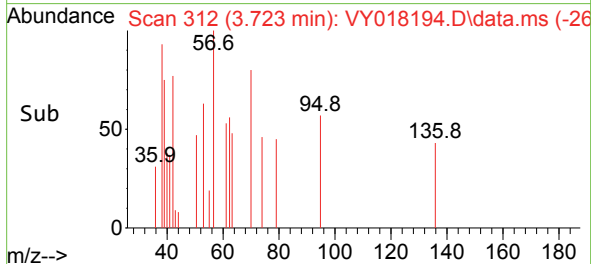
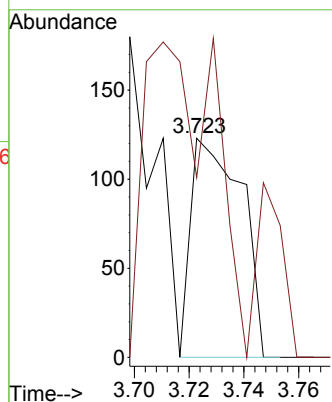
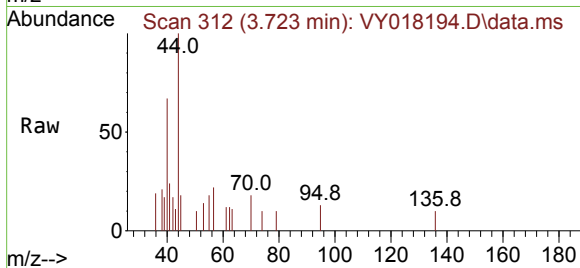
ClientSampleId :

Tgt Ion: 56 Resp: 158

Ion Ratio Lower Upper

56 100

55 200.0 55.7 83.5#



#16

Acetone

Concen: 11.945 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY018194.D

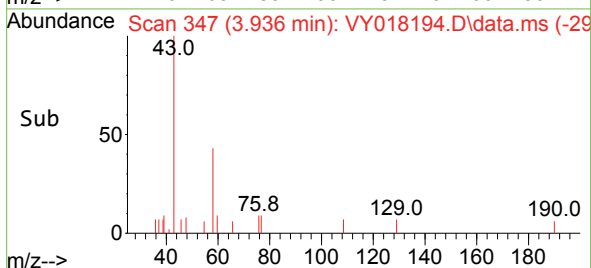
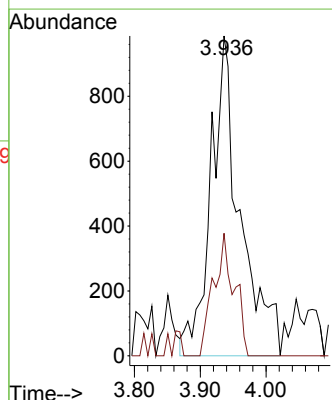
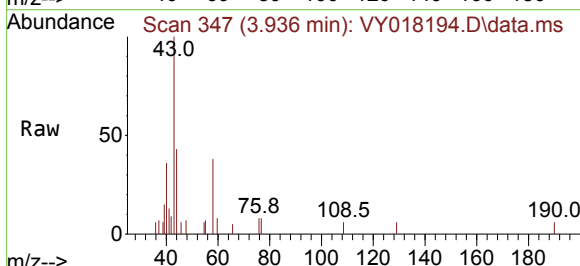
Acq: 08 May 2024 17:35

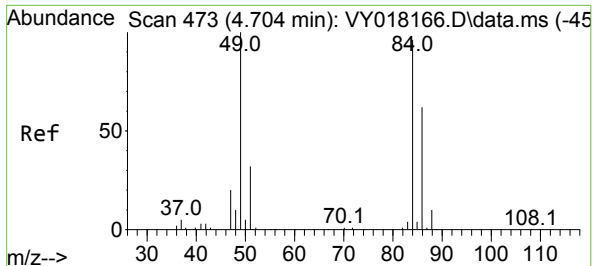
Tgt Ion: 43 Resp: 3054

Ion Ratio Lower Upper

43 100

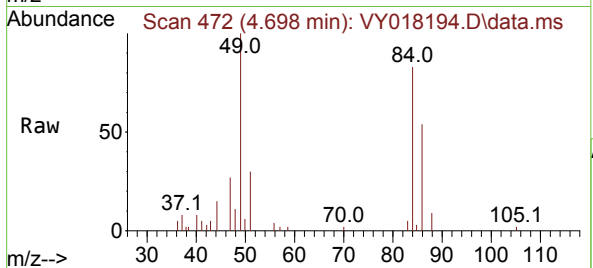
58 38.3 31.7 47.5



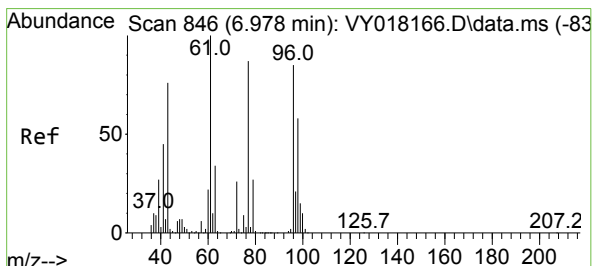
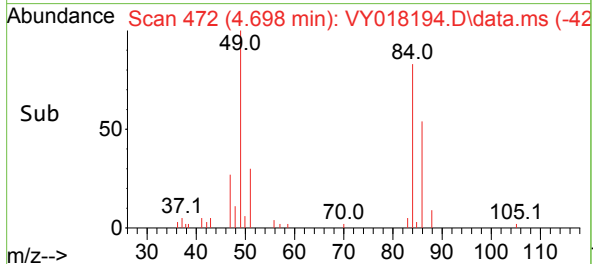
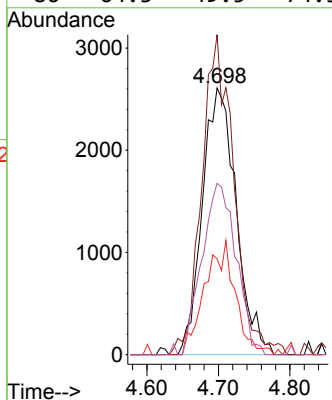


#20
Methylene Chloride
Concen: 4.738 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018194.D
Acq: 08 May 2024 17:35

Instrument :
MSVOA_Y
ClientSampleId :

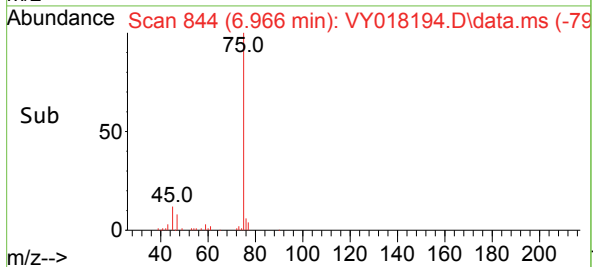
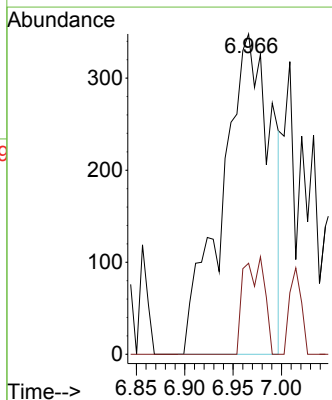
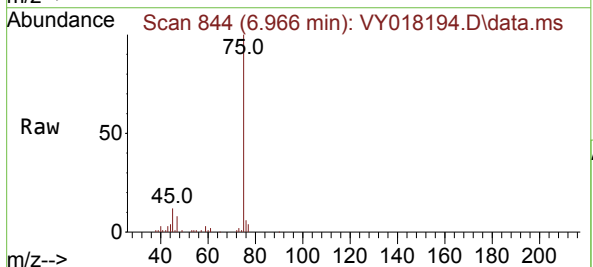


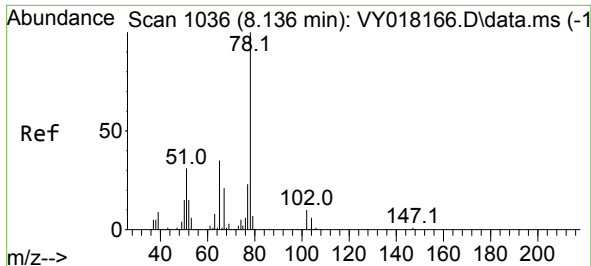
Tgt Ion:	84	Resp:	8562
Ion	Ratio	Lower	Upper
84	100		
49	115.8	84.4	126.6
51	36.0	26.0	39.0
86	64.3	49.5	74.3



#25
2-Butanone
Concen: 2.988 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY018194.D
Acq: 08 May 2024 17:35

Tgt Ion:	43	Resp:	1221
Ion	Ratio	Lower	Upper
43	100		
72	28.4	27.3	40.9

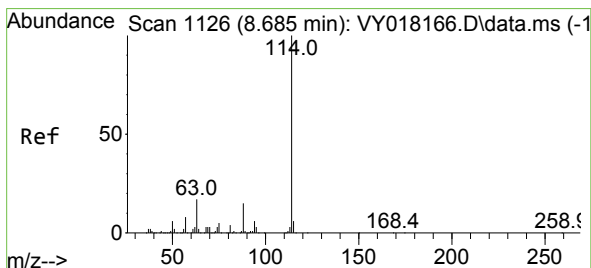
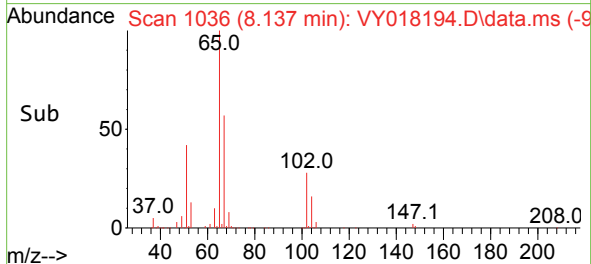
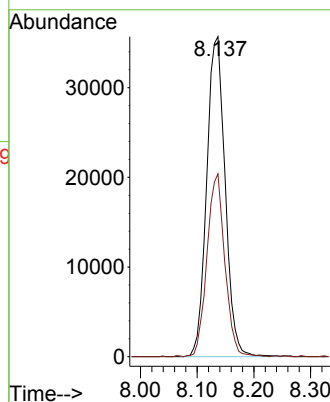
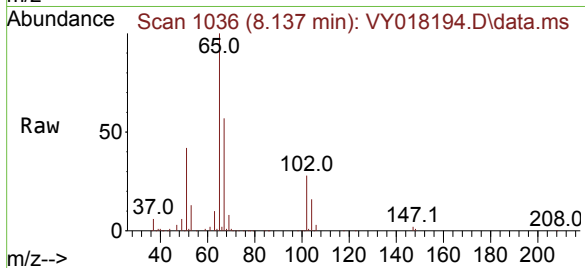




#33
1,2-Dichloroethane-d4
Concen: 62.831 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018194.D
Acq: 08 May 2024 17:35

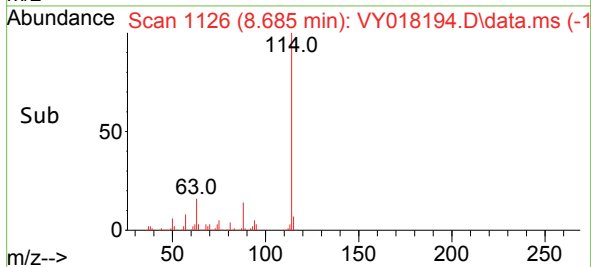
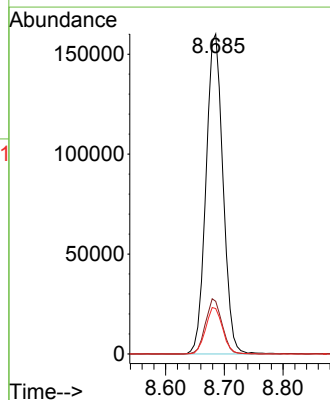
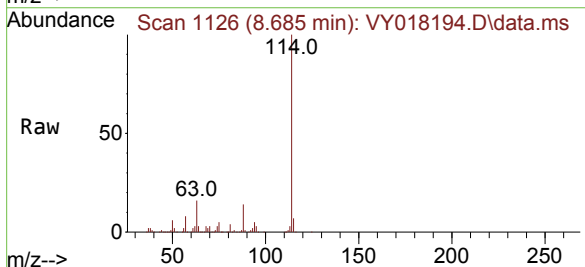
Instrument :
MSVOA_Y
ClientSampleId :

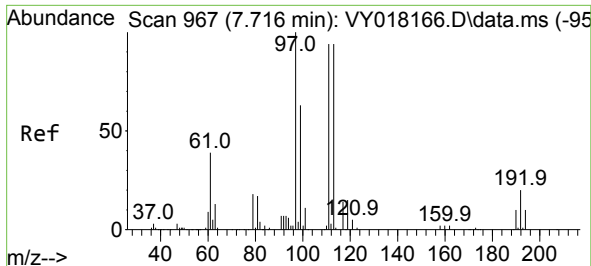
Tgt Ion: 65 Resp: 80500
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018194.D
Acq: 08 May 2024 17:35

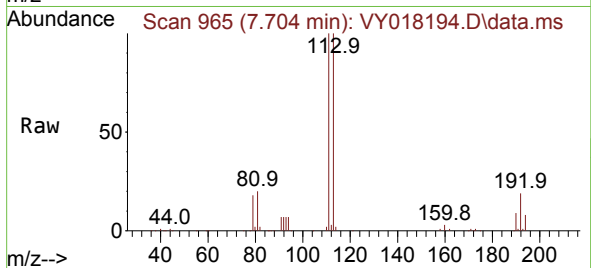
Tgt Ion: 114 Resp: 322006
Ion Ratio Lower Upper
114 100
63 16.5 0.0 35.0
88 14.2 0.0 27.2



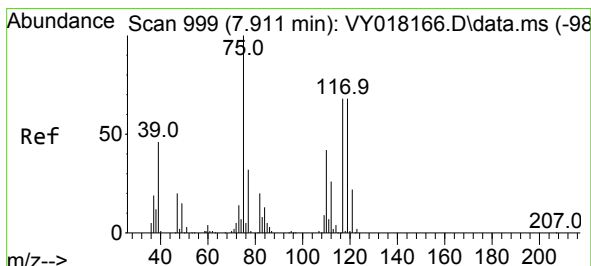
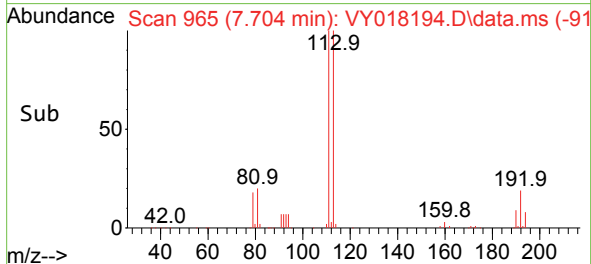
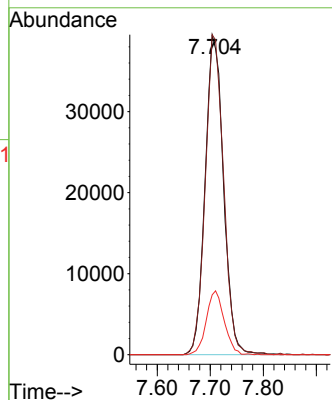


#35
Dibromofluoromethane
Concen: 56.048 ug/l
RT: 7.704 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY018194.D
Acq: 08 May 2024 17:35

Instrument :
MSVOA_Y
ClientSampleId :

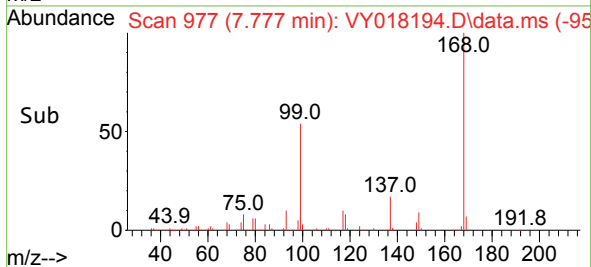
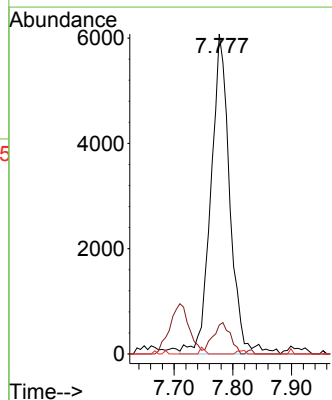
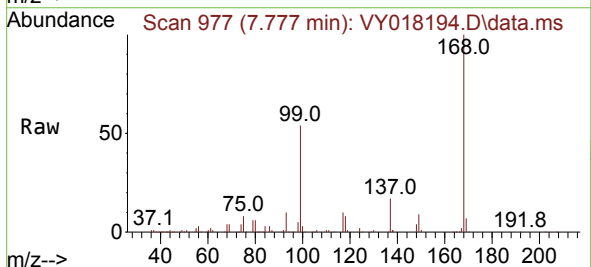


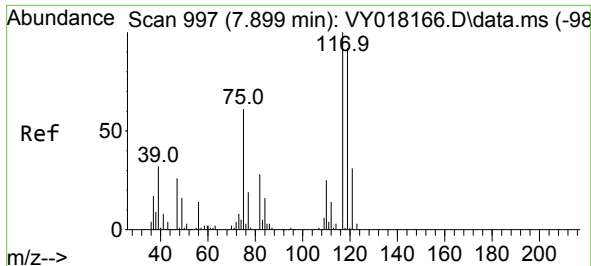
Tgt Ion:113 Resp: 94850
Ion Ratio Lower Upper
113 100
111 99.6 82.2 123.4
192 19.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.591 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY018194.D
Acq: 08 May 2024 17:35

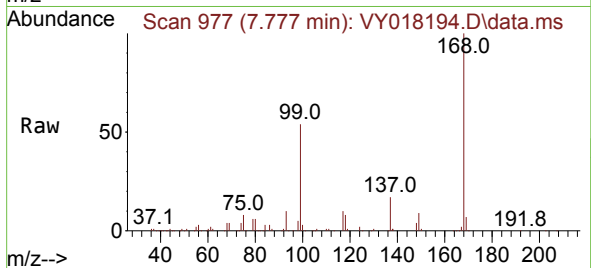
Tgt Ion: 75 Resp: 13563
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.0 25.3 37.9#



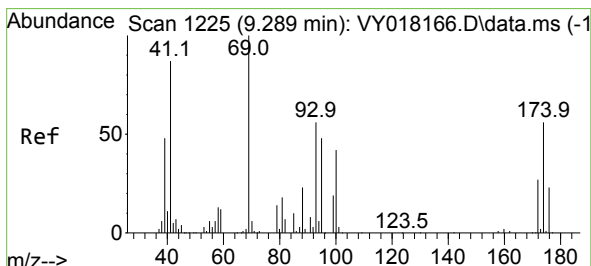
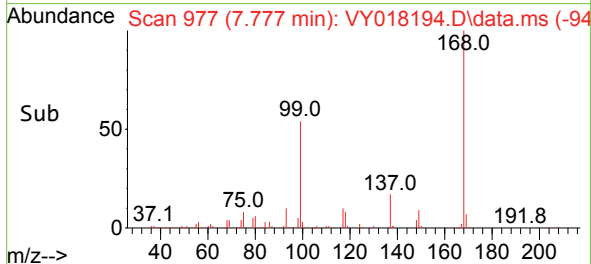
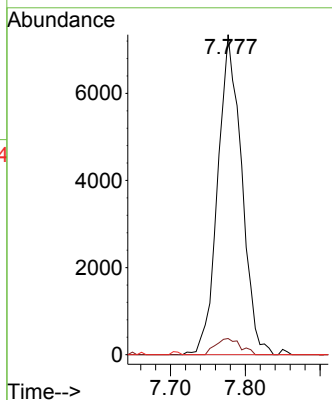


#38
Carbon Tetrachloride
Concen: 6.163 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018194.D
Acq: 08 May 2024 17:35

Instrument :
MSVOA_Y
ClientSampleId :

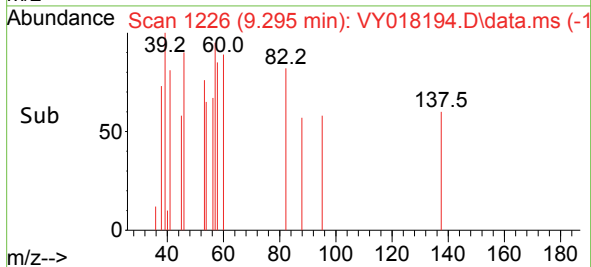
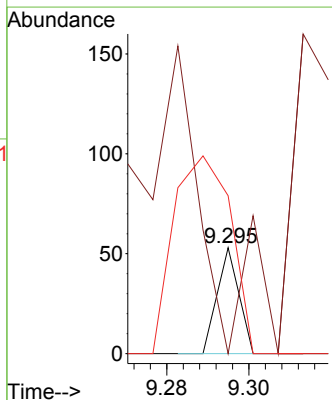
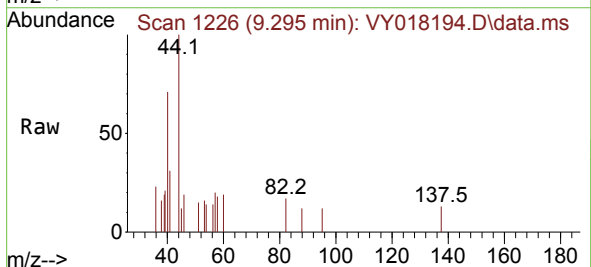


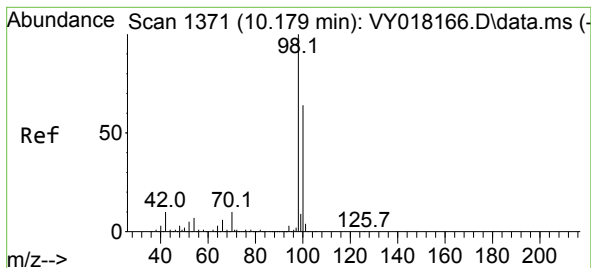
Tgt Ion:117 Resp: 16337
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.459 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY018194.D
Acq: 08 May 2024 17:35

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 1536.8 0.0 0.0#
58 500.0 49.3 73.9#

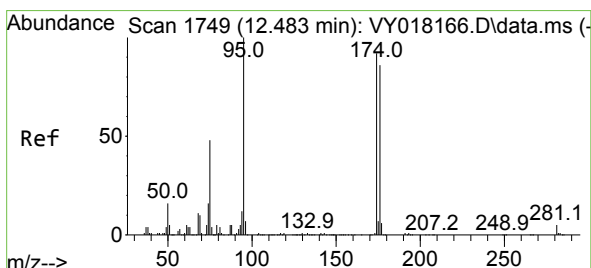
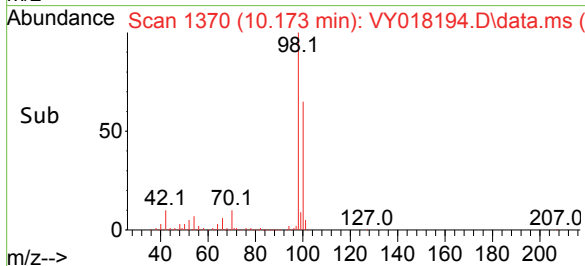
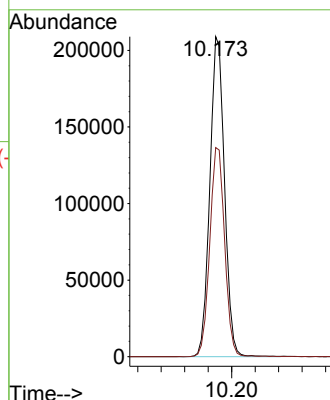
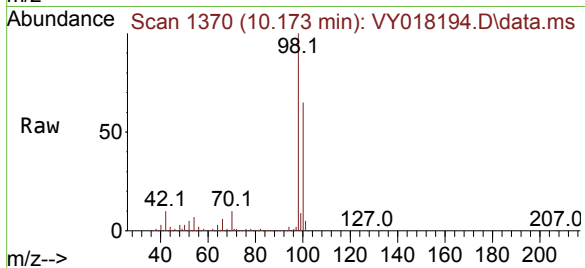




#50
Toluene-d8
Concen: 54.178 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018194.D
Acq: 08 May 2024 17:35

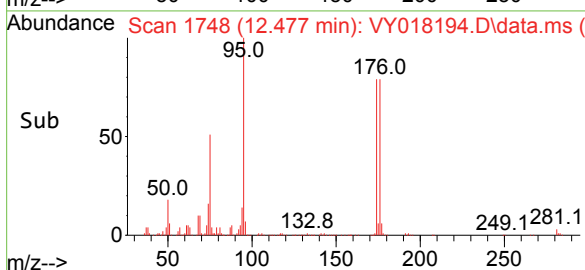
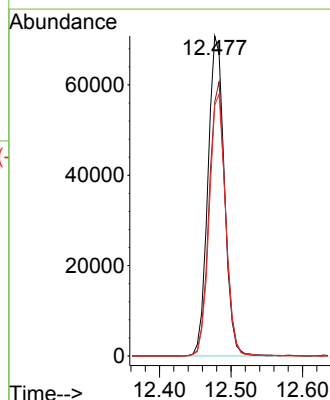
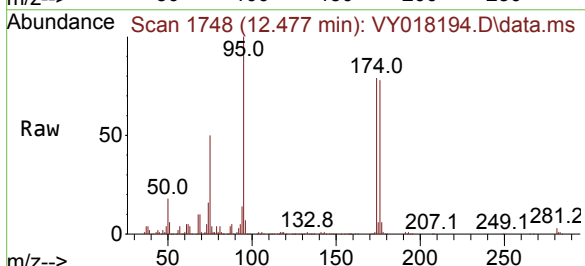
Instrument :
MSVOA_Y
ClientSampleId :

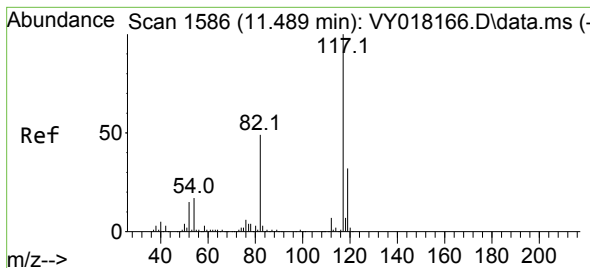
Tgt Ion: 98 Resp: 361299
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.497 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018194.D
Acq: 08 May 2024 17:35

Tgt Ion: 95 Resp: 113058
Ion Ratio Lower Upper
95 100
174 84.5 0.0 175.6
176 81.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 117

Delta R.T. 0.000 min

Lab File: VY018194.D

Acq: 08 May 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

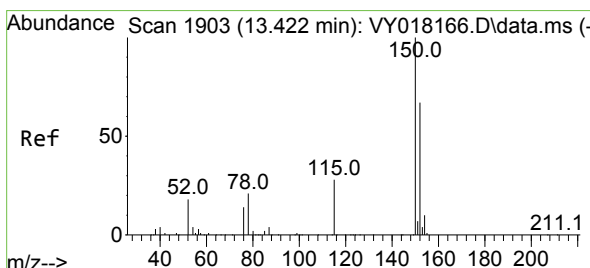
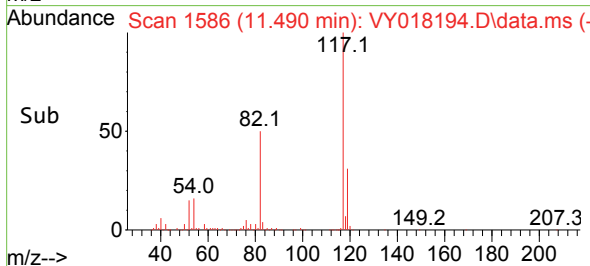
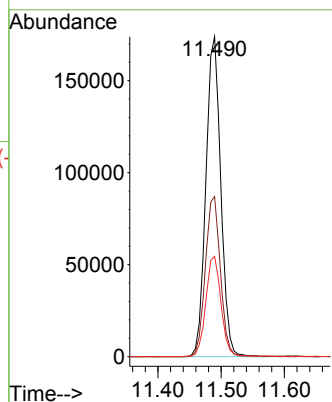
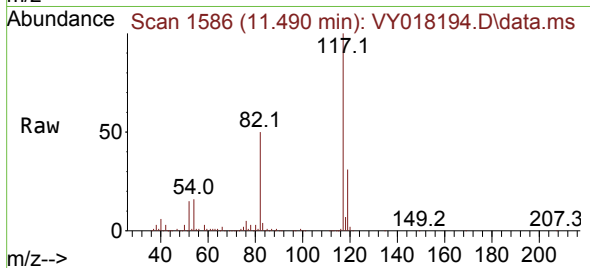
Tgt Ion:117 Resp: 285282

Ion Ratio Lower Upper

117 100

82 50.1 42.4 63.6

119 31.4 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: VY018194.D

Acq: 08 May 2024 17:35

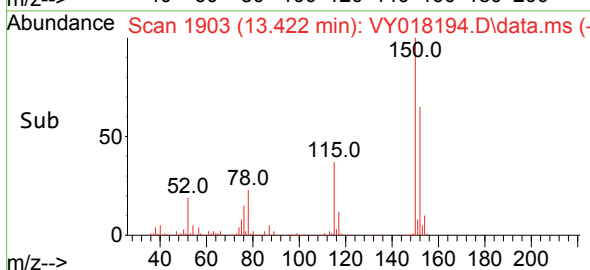
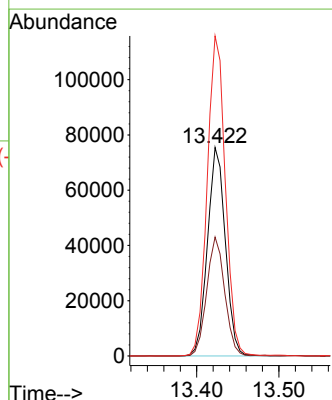
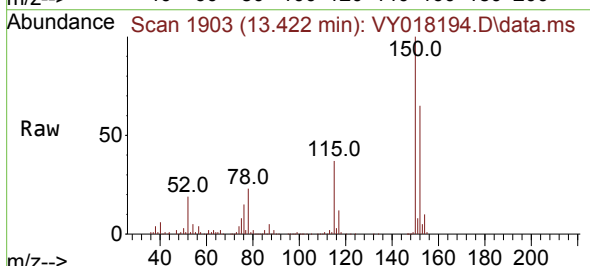
Tgt Ion:152 Resp: 114036

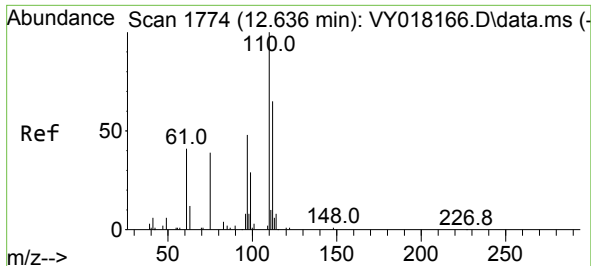
Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 155.4 0.0 345.6

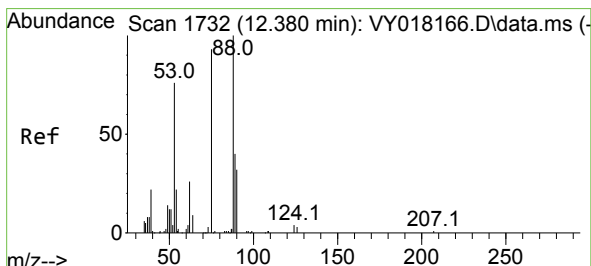
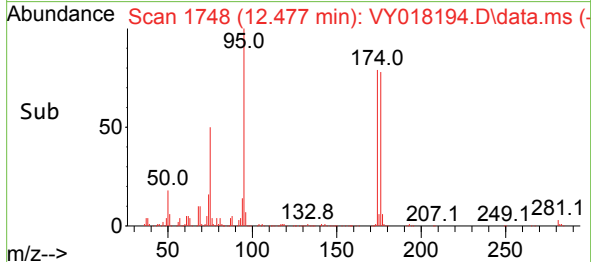
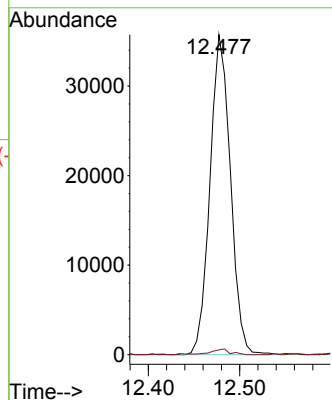
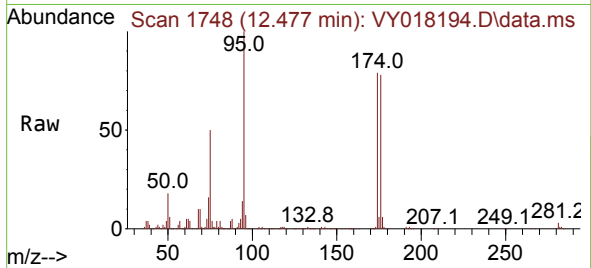




#76
1,2,3-Trichloropropane
Concen: 60.883 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY018194.D
Acq: 08 May 2024 17:35

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 55573
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.301 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY018194.D
Acq: 08 May 2024 17:35

Tgt Ion: 75 Resp: 55573
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.0 35.8 53.6#

