

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018120.D
 Acq On : 02 May 2024 16:29
 Operator : SY/MD
 Sample : P2330-03
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 02 23:06:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

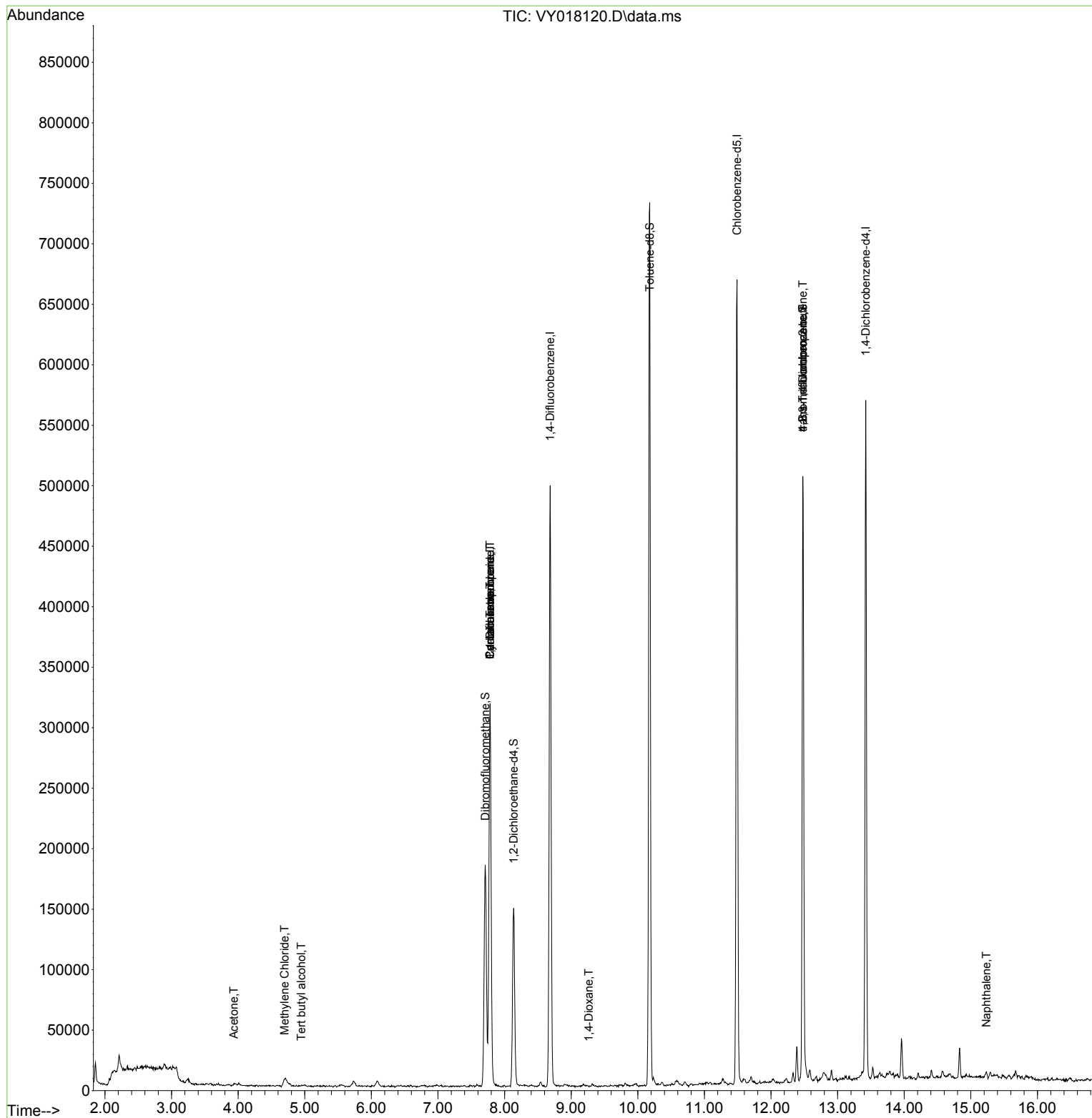
Internal Standards						
1) Pentafluorobenzene	7.783	168	261736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	455474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	392480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106459	51.601	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.200%	
35) Dibromofluoromethane	7.710	113	133193	50.886	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.780%	
50) Toluene-d8	10.179	98	503666	49.290	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.580%	
62) 4-Bromofluorobenzene	12.477	95	154730	44.000	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	603	3.586	ug/l #	77
16) Acetone	3.936	43	2440	6.208	ug/l #	75
20) Methylene Chloride	4.698	84	5767	2.094	ug/l #	81
31) Cyclohexane	7.783	56	5199	1.315	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	17791	5.092	ug/l #	50
38) Carbon Tetrachloride	7.783	117	24623	6.209	ug/l #	17
49) 1,4-Dioxane	9.264	88	19	1.150	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	72611	58.448	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	72611	106.479	ug/l #	16
95) Naphthalene	15.233	128	4687	1.032	ug/l #	87

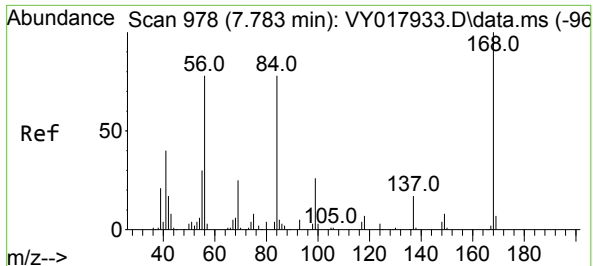
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
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ClientSampleId :

Quant Time: May 02 23:06:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 2024
Response via : Initial Calibration

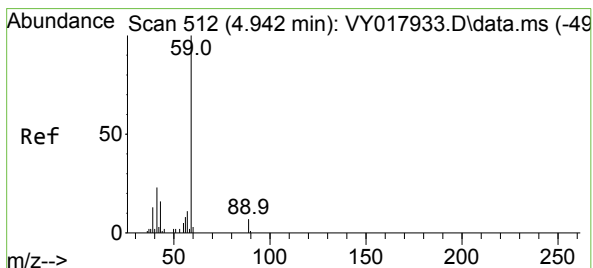
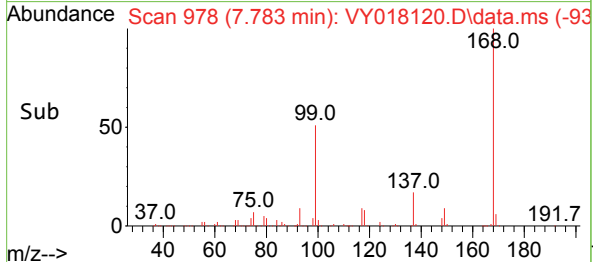
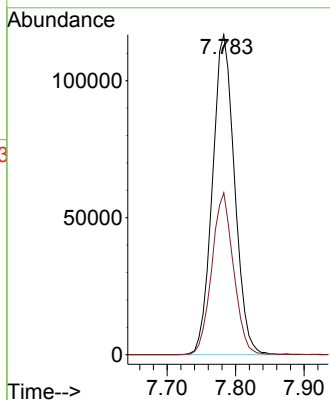
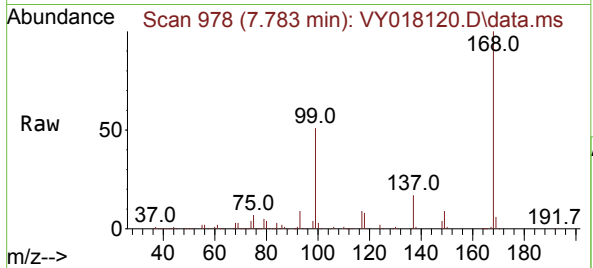




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018120.D
Acq: 02 May 2024 16:29

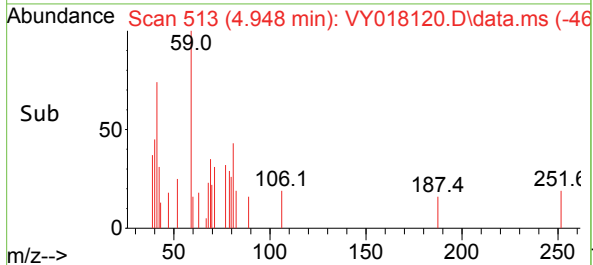
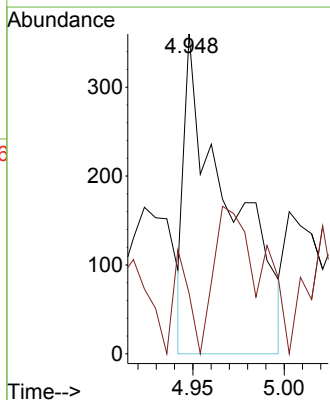
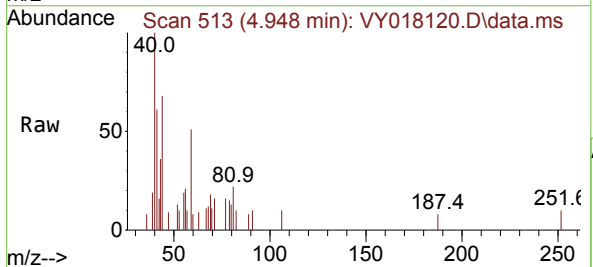
Instrument :
MSVOA_Y
ClientSampleId :

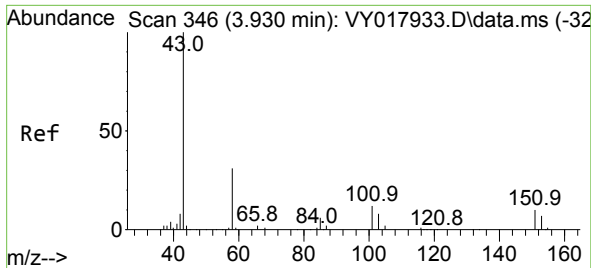
Tgt Ion:168 Resp: 261736
Ion Ratio Lower Upper
168 100
99 50.6 39.1 58.7



#11
Tert butyl alcohol
Concen: 3.586 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY018120.D
Acq: 02 May 2024 16:29

Tgt Ion: 59 Resp: 603
Ion Ratio Lower Upper
59 100
57 11.3 3.0 4.6#





#16

Acetone

Concen: 6.208 ug/l

RT: 3.936 min Scan# 346

Delta R.T. -0.012 min

Lab File: VY018120.D

Acq: 02 May 2024 16:29

Instrument :

MSVOA_Y

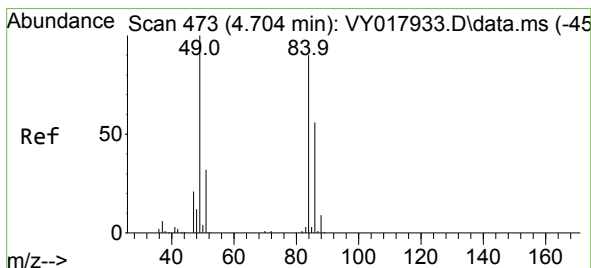
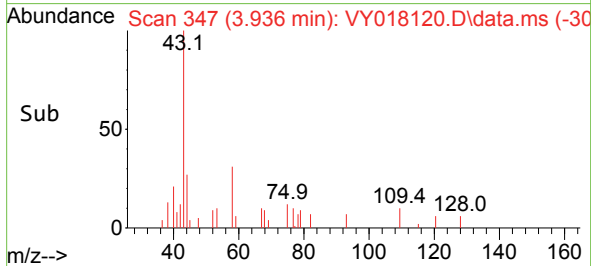
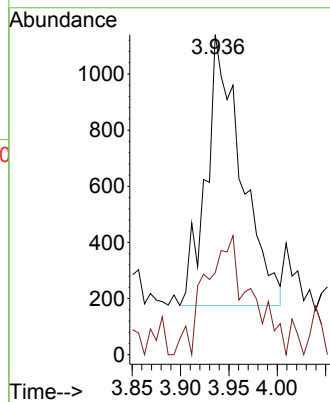
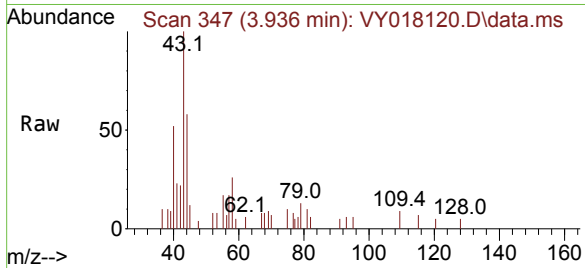
ClientSampleId :

Tgt Ion: 43 Resp: 2440

Ion Ratio Lower Upper

43 100

58 24.4 31.7 47.5#



#20

Methylene Chloride

Concen: 2.094 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.018 min

Lab File: VY018120.D

Acq: 02 May 2024 16:29

Tgt Ion: 84 Resp: 5767

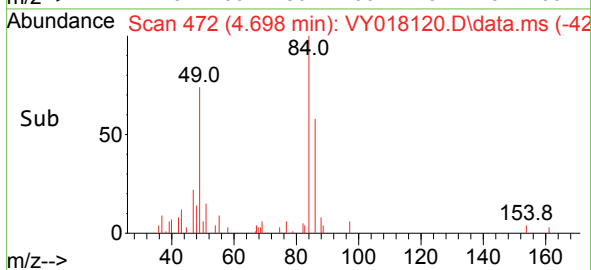
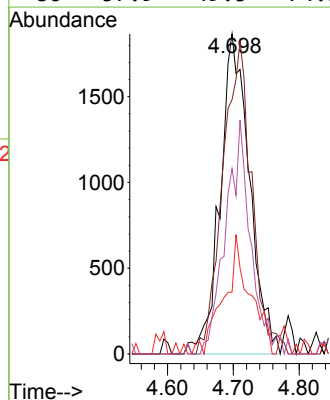
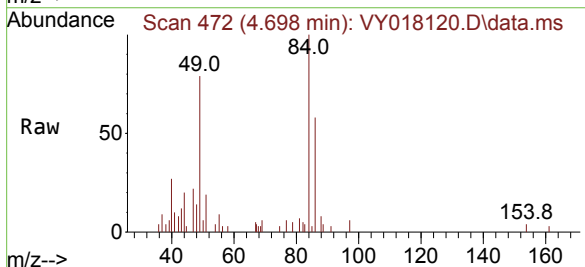
Ion Ratio Lower Upper

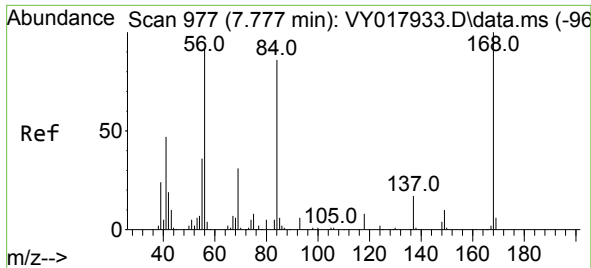
84 100

49 79.5 84.4 126.6#

51 19.3 26.0 39.0#

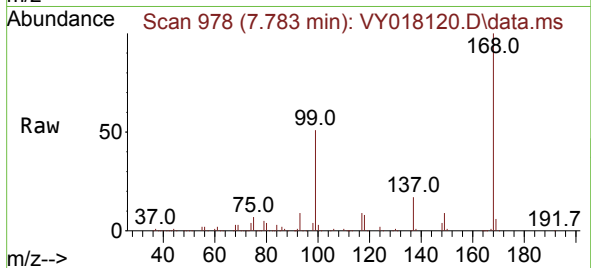
86 57.9 49.5 74.3



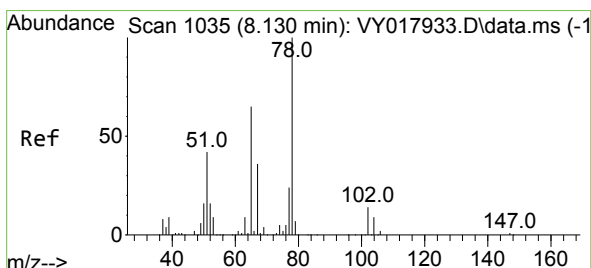
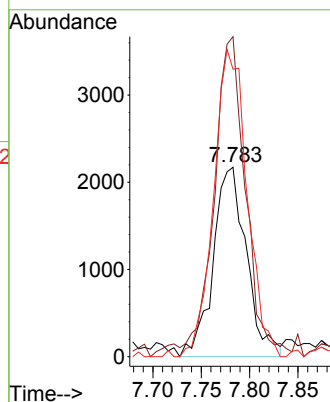
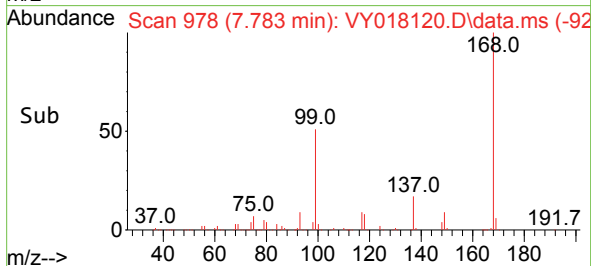


#31
Cyclohexane
Concen: 1.315 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018120.D
Acq: 02 May 2024 16:29

Instrument :
MSVOA_Y
ClientSampleId :

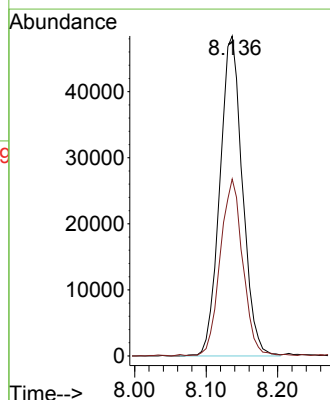
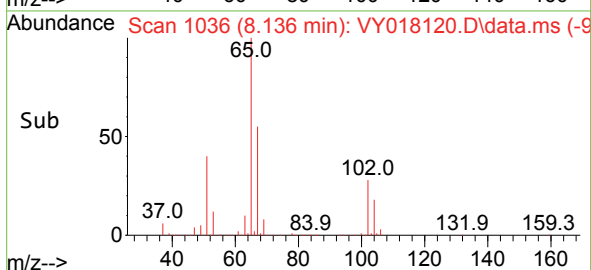
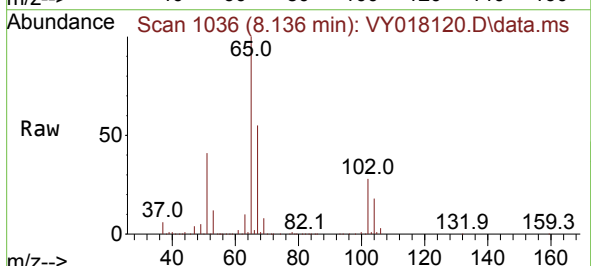


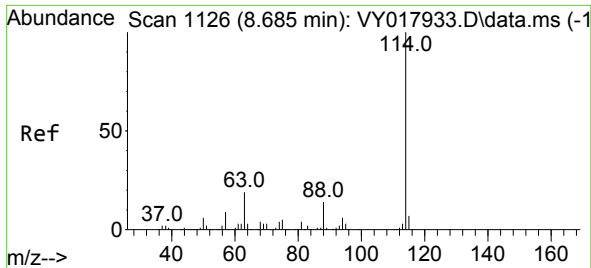
Tgt Ion: 56 Resp: 5199
Ion Ratio Lower Upper
56 100
69 164.2 28.7 43.1#
84 151.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 51.601 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018120.D
Acq: 02 May 2024 16:29

Tgt Ion: 65 Resp: 106459
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.6

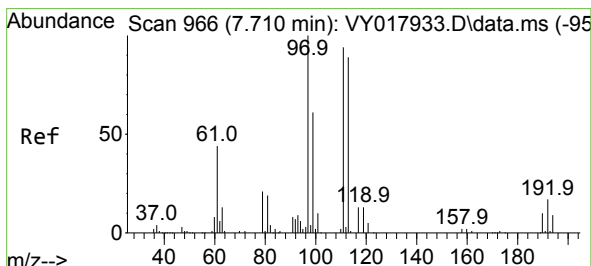
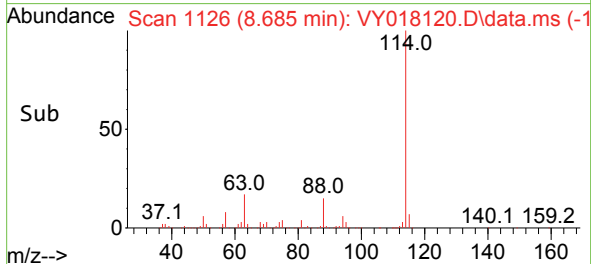
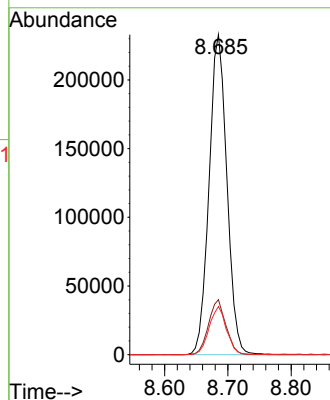
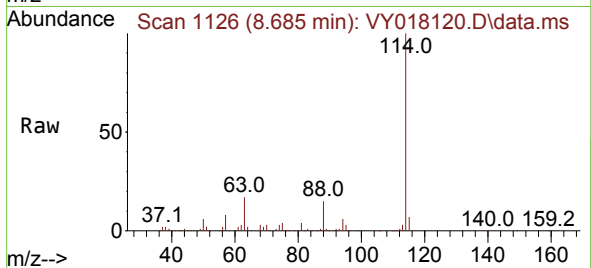




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018120.D
Acq: 02 May 2024 16:29

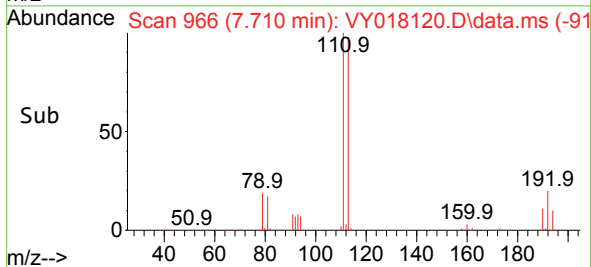
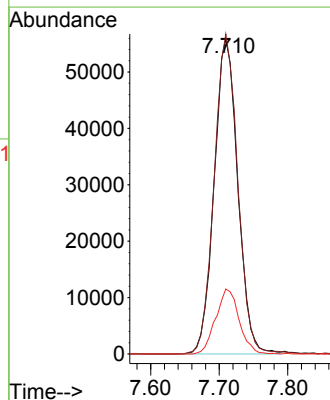
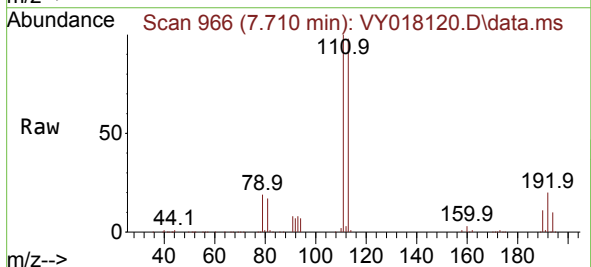
Instrument :
MSVOA_Y
ClientSampleId :

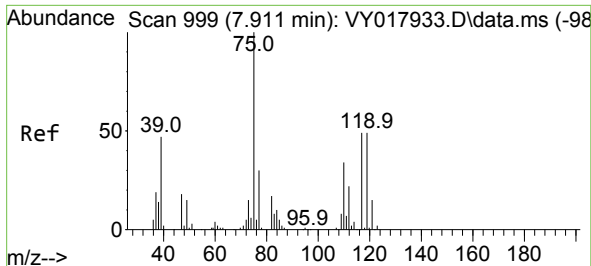
Tgt Ion:114 Resp: 455474
Ion Ratio Lower Upper
114 100
63 17.2 0.0 35.0
88 15.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.886 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY018120.D
Acq: 02 May 2024 16:29

Tgt Ion:113 Resp: 133193
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 20.5 15.9 23.9

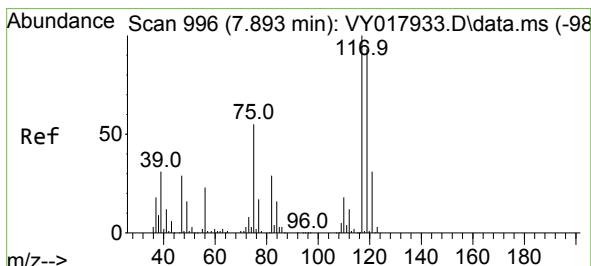
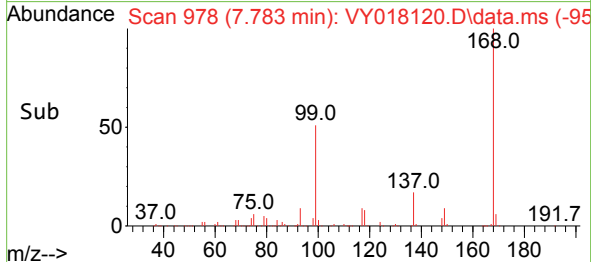
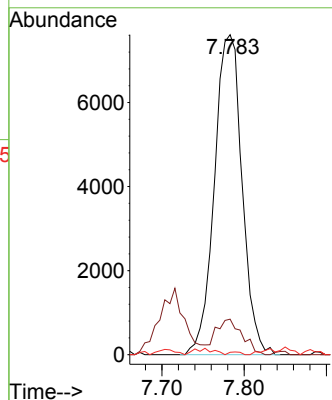
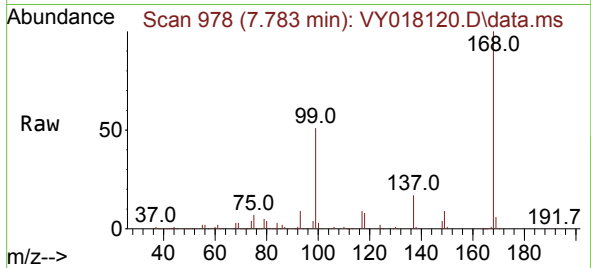




#36
1,1-Dichloropropene
Concen: 5.092 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018120.D
Acq: 02 May 2024 16:29

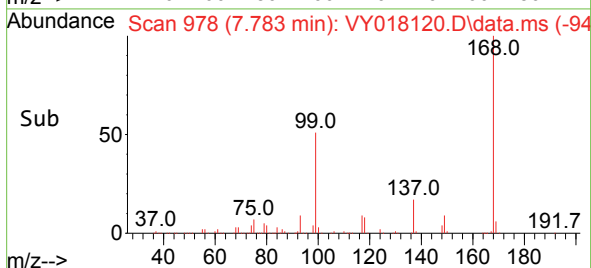
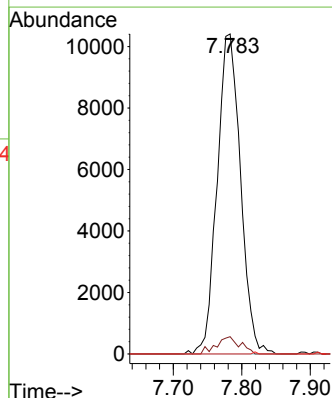
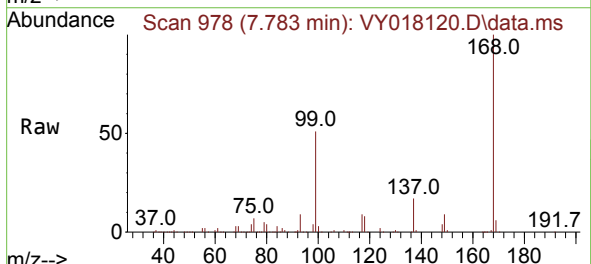
Instrument :
MSVOA_Y
ClientSampleId :

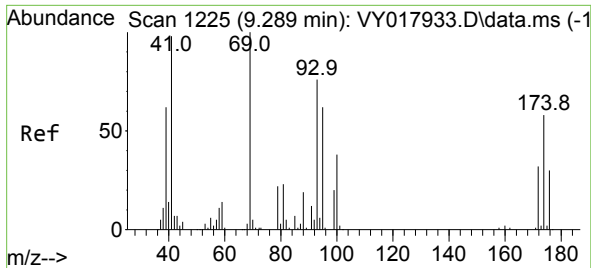
Tgt Ion: 75 Resp: 17791
Ion Ratio Lower Upper
75 100
110 10.7 19.0 57.0#
77 0.4 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.209 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY018120.D
Acq: 02 May 2024 16:29

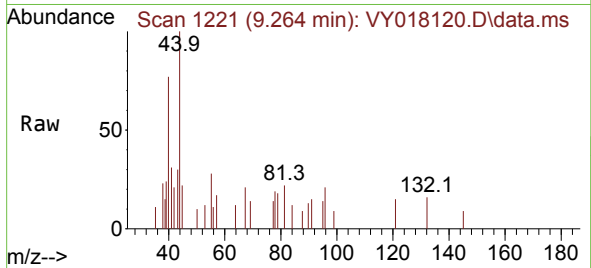
Tgt Ion: 117 Resp: 24623
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.0 36.0#



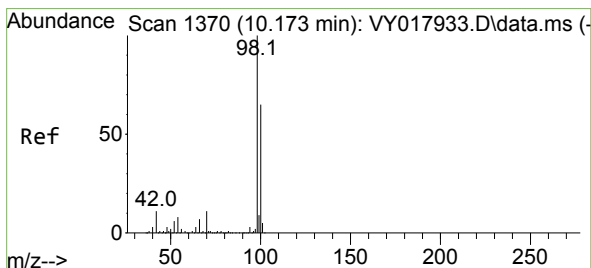
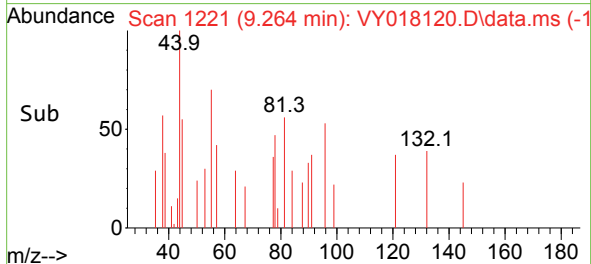
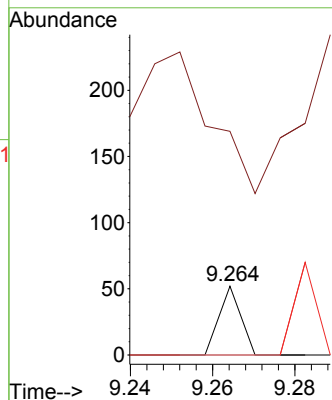


#49
1,4-Dioxane
Concen: 1.150 ug/l
RT: 9.264 min Scan# 11
Delta R.T. -0.037 min
Lab File: VY018120.D
Acq: 02 May 2024 16:29

Instrument :
MSVOA_Y
ClientSampleId :

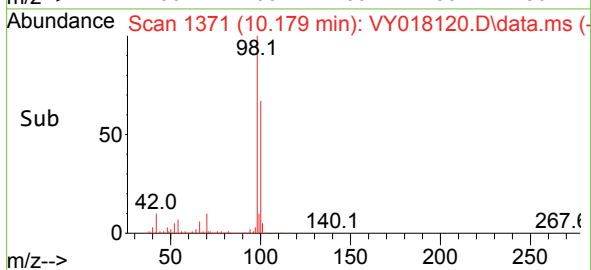
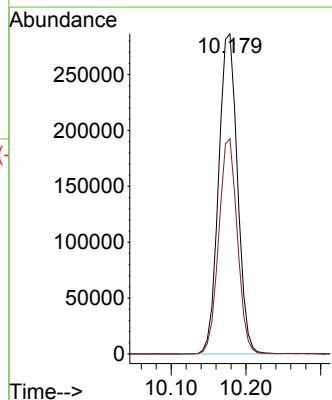
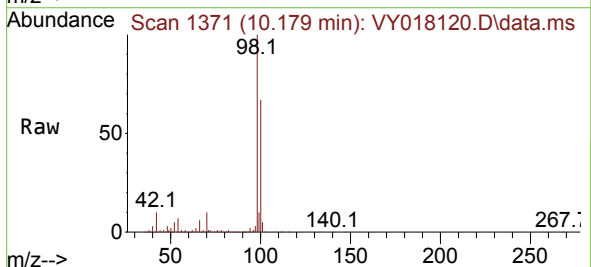


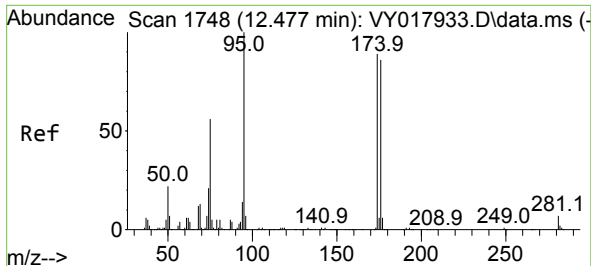
Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 2105.3 0.0 0.0#
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 49.290 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018120.D
Acq: 02 May 2024 16:29

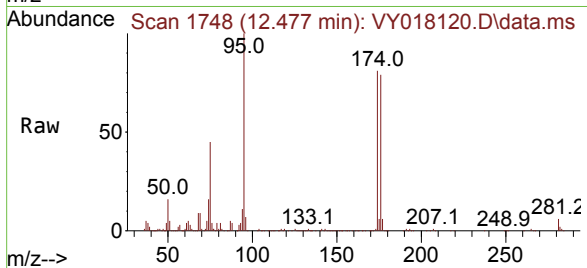
Tgt Ion: 98 Resp: 503666
Ion Ratio Lower Upper
98 100
100 66.5 52.0 78.0



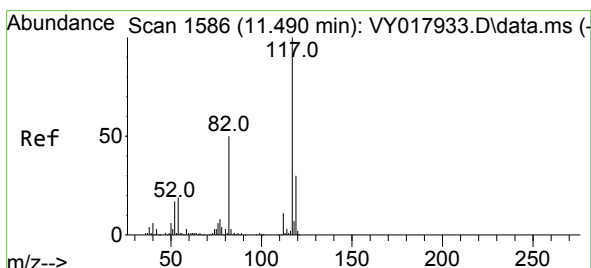
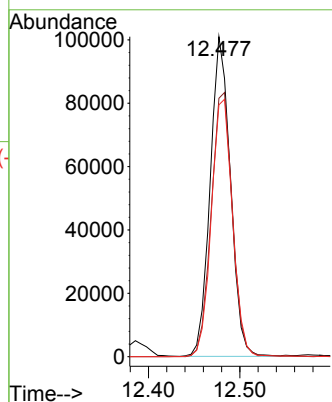
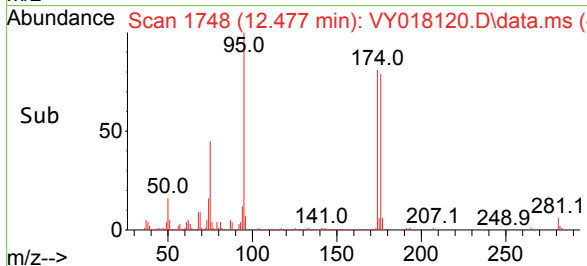


#62
4-Bromofluorobenzene
Concen: 44.000 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018120.D
Acq: 02 May 2024 16:29

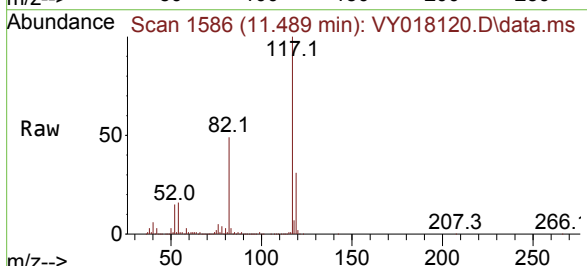
Instrument :
MSVOA_Y
ClientSampleId :



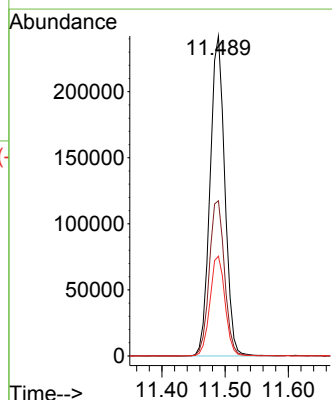
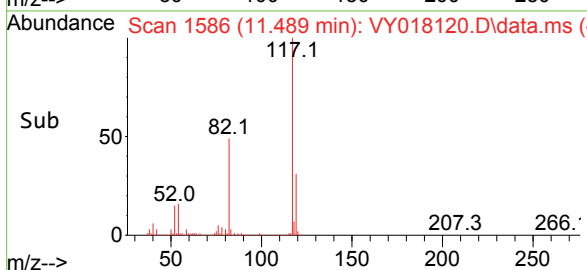
Tgt Ion: 95 Resp: 154730
Ion Ratio Lower Upper
95 100
174 87.2 0.0 175.6
176 84.5 0.0 171.4

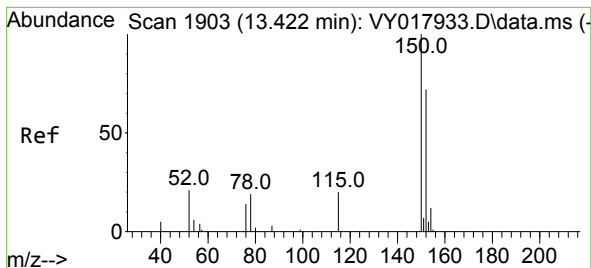


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018120.D
Acq: 02 May 2024 16:29



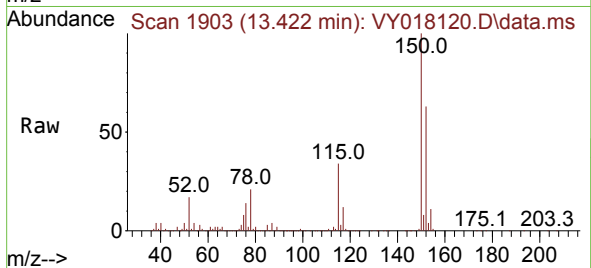
Tgt Ion: 117 Resp: 392480
Ion Ratio Lower Upper
117 100
82 48.5 42.4 63.6
119 31.2 25.9 38.9



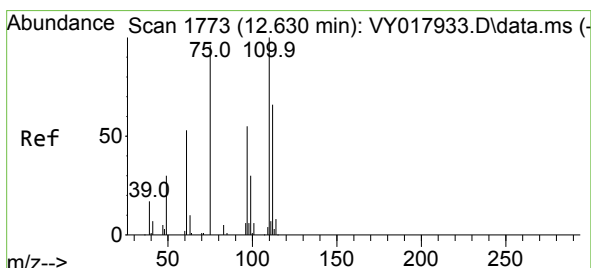
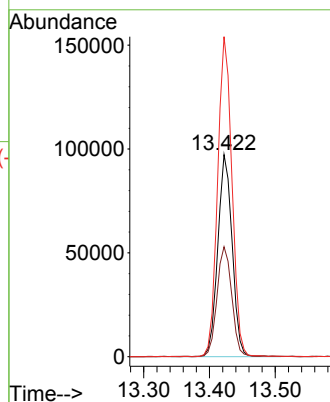
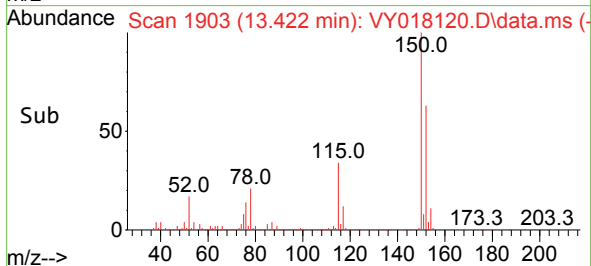


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY018120.D
Acq: 02 May 2024 16:29

Instrument :
MSVOA_Y
ClientSampleId :

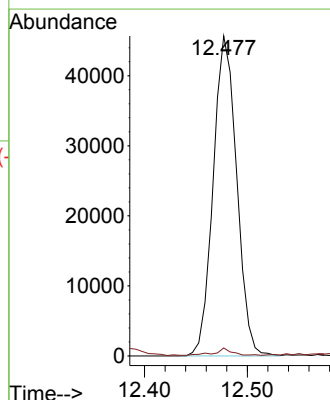
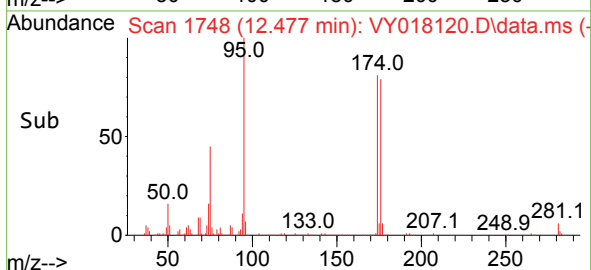
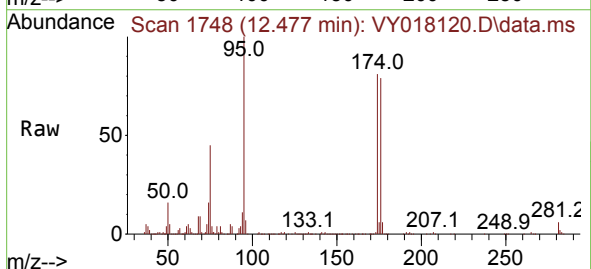


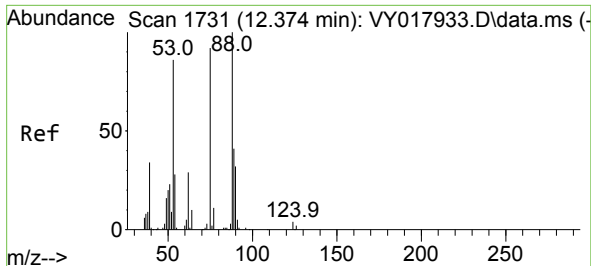
Tgt Ion:152 Resp: 148026
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 157.9 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 58.448 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY018120.D
Acq: 02 May 2024 16:29

Tgt Ion: 75 Resp: 72611
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

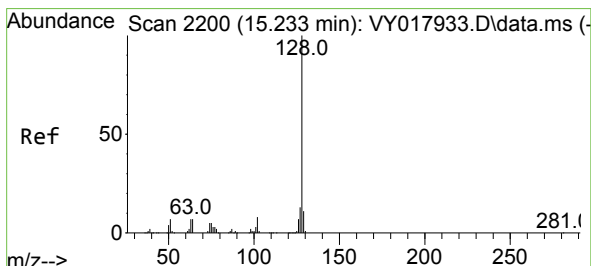
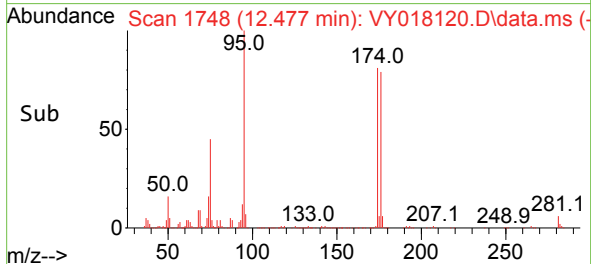
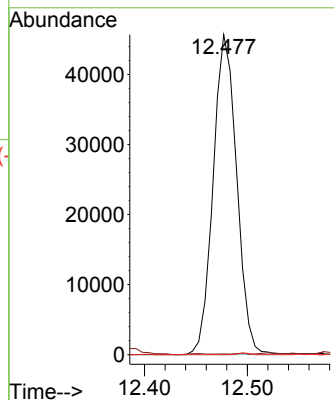
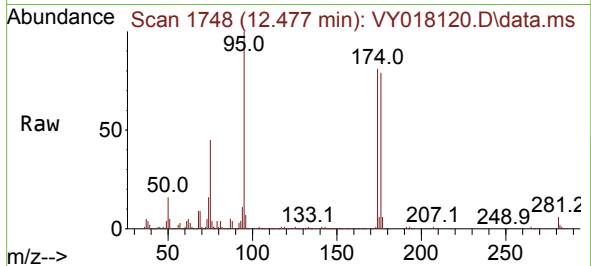




#81
trans-1,4-Dichloro-2-butene
Concen: 106.479 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY018120.D
Acq: 02 May 2024 16:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 72611
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.3 35.8 53.6#



#95
Naphthalene
Concen: 1.032 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY018120.D
Acq: 02 May 2024 16:29

Tgt Ion: 128 Resp: 4687
Ion Ratio Lower Upper
128 100
127 16.2 10.6 16.0#
129 18.1 8.6 13.0#

