

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
 Data File : VY018038.D
 Acq On : 24 Apr 2024 15:52
 Operator : SY/MD
 Sample : P2247-04
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 25 01:35:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

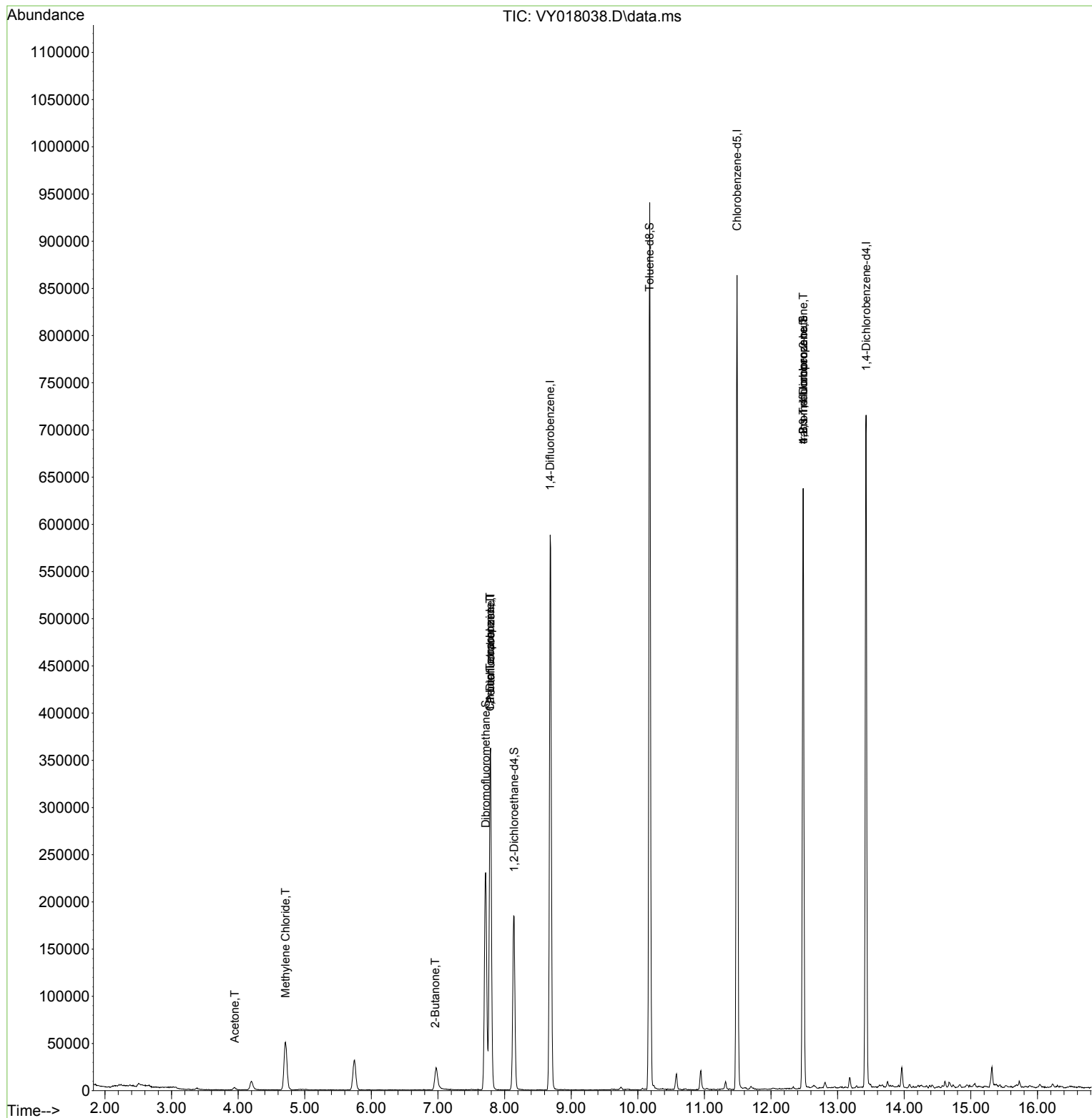
Internal Standards						
1) Pentafluorobenzene	7.789	168	308717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	537269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	500078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	198877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	141570	52.992	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.980%	
35) Dibromofluoromethane	7.716	113	171574	51.763	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.520%	
50) Toluene-d8	10.179	98	634455	50.444	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.880%	
62) 4-Bromofluorobenzene	12.483	95	184066	47.254	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	122	Below Cal	#	88
16) Acetone	3.948	43	3911	7.409	ug/l	89
20) Methylene Chloride	4.710	84	43374	12.128	ug/l	97
25) 2-Butanone	6.960	43	999	1.288	ug/l #	72
36) 1,1-Dichloropropene	7.783	75	20498	4.252	ug/l #	48
38) Carbon Tetrachloride	7.783	117	26370	5.415	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	87820	47.057	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	87820	97.024	ug/l #	16

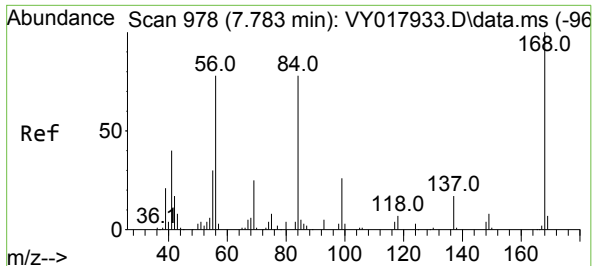
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
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MSVOA_Y
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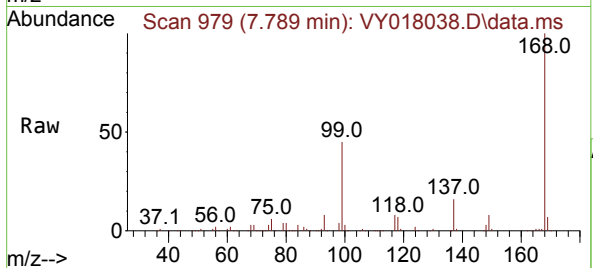
Quant Time: Apr 25 01:35:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration



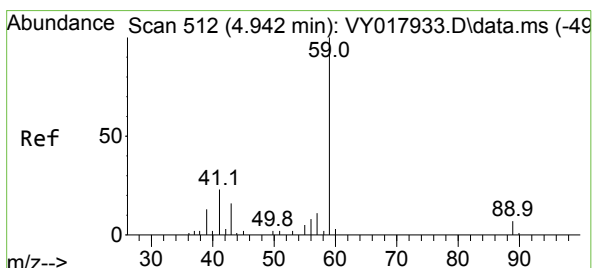
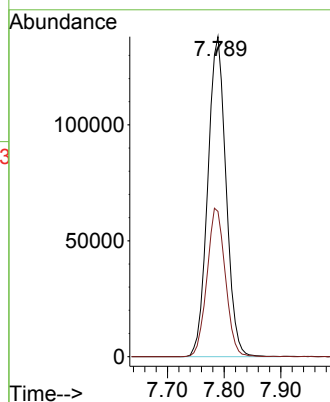
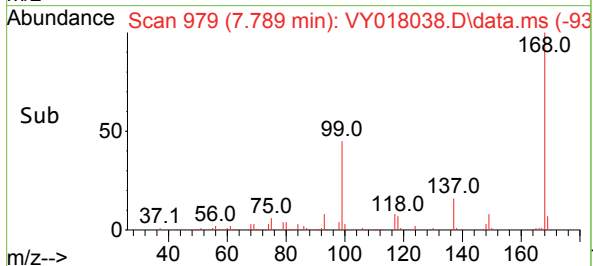


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018038.D
Acq: 24 Apr 2024 15:52

Instrument :
MSVOA_Y
ClientSampleId :

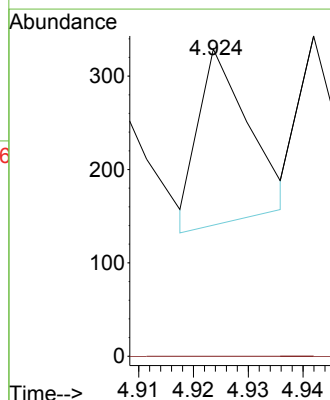
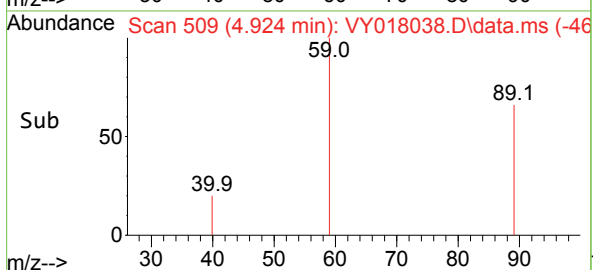
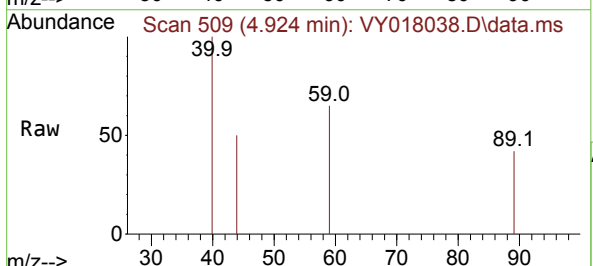


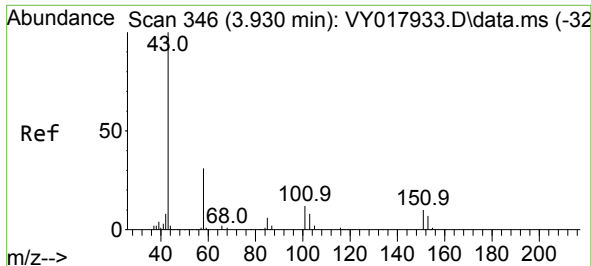
Tgt Ion:168 Resp: 308717
Ion Ratio Lower Upper
168 100
99 45.4 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY018038.D
Acq: 24 Apr 2024 15:52

Tgt Ion: 59 Resp: 122
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 7.409 ug/l

RT: 3.948 min Scan# 346

Delta R.T. 0.000 min

Lab File: VY018038.D

Acq: 24 Apr 2024 15:52

Instrument :

MSVOA_Y

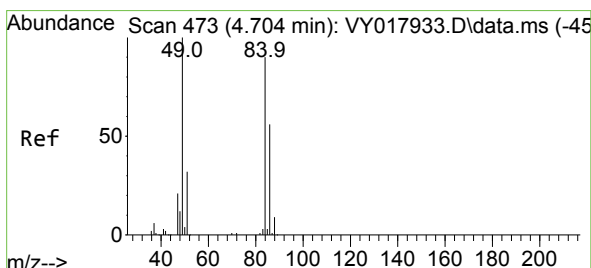
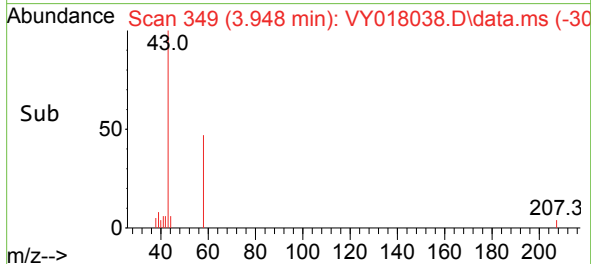
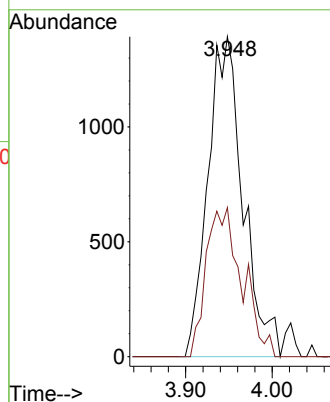
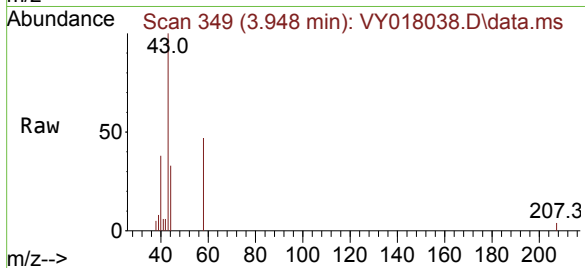
ClientSampleId :

Tgt Ion: 43 Resp: 3911

Ion Ratio Lower Upper

43 100

58 46.6 31.7 47.5



#20

Methylene Chloride

Concen: 12.128 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY018038.D

Acq: 24 Apr 2024 15:52

Tgt Ion: 84 Resp: 43374

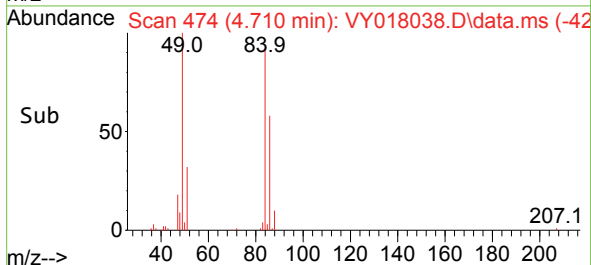
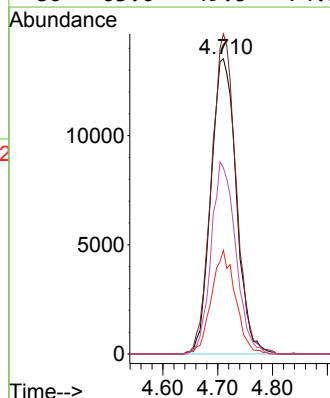
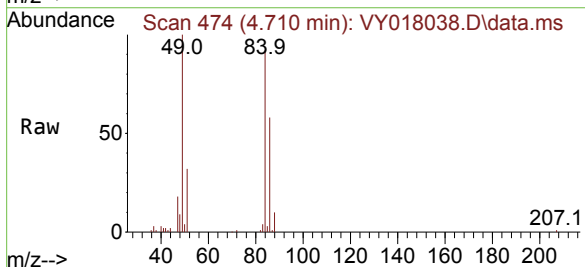
Ion Ratio Lower Upper

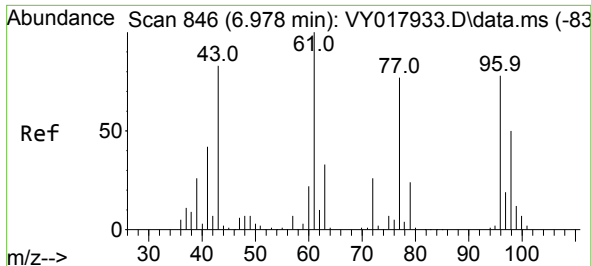
84 100

49 108.4 84.4 126.6

51 35.1 26.0 39.0

86 63.0 49.5 74.3





#25

2-Butanone

Concen: 1.288 ug/l

RT: 6.960 min Scan# 84

Delta R.T. -0.024 min

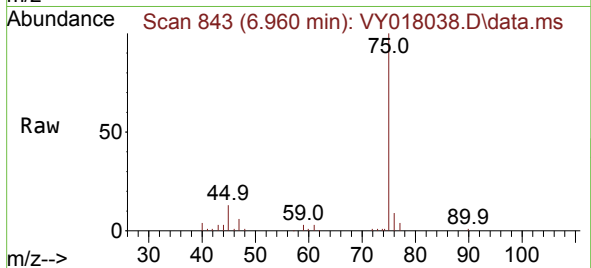
Lab File: VY018038.D

Acq: 24 Apr 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

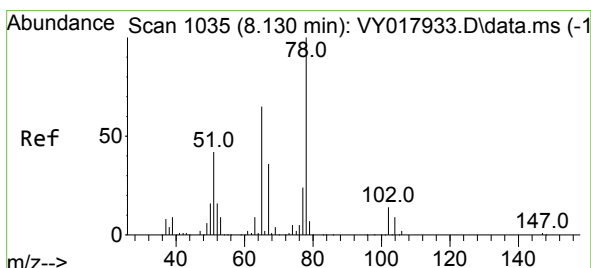
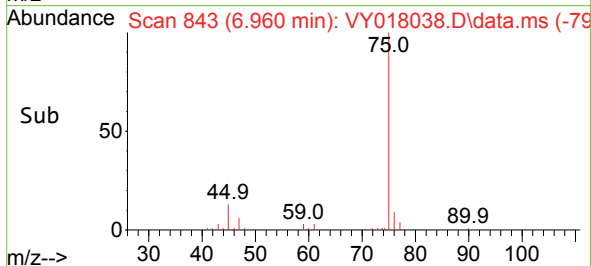
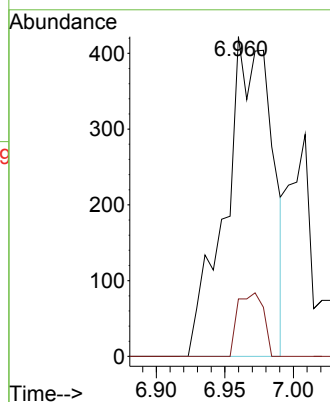


Tgt Ion: 43 Resp: 999

Ion Ratio Lower Upper

43 100

72 18.0 27.3 40.9#



#33

1,2-Dichloroethane-d4

Concen: 52.992 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY018038.D

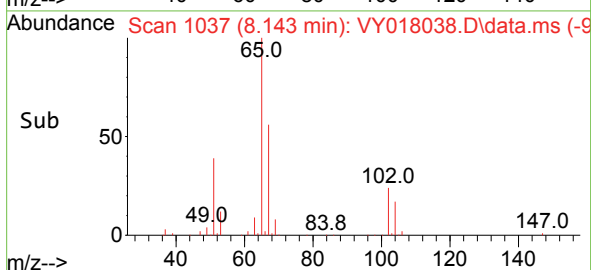
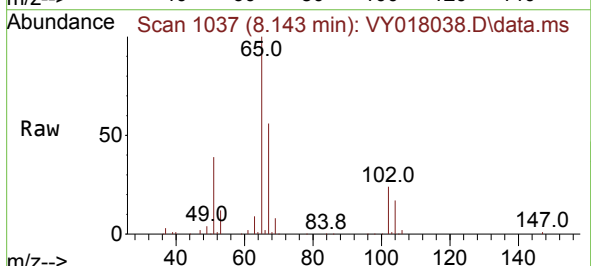
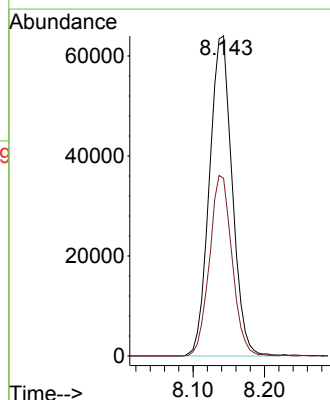
Acq: 24 Apr 2024 15:52

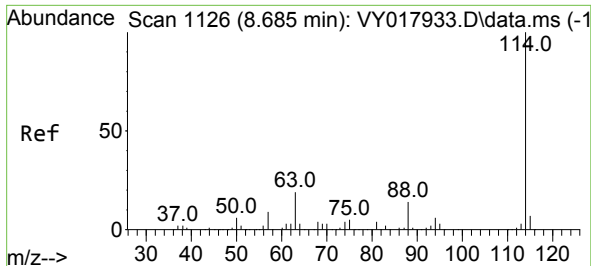
Tgt Ion: 65 Resp: 141570

Ion Ratio Lower Upper

65 100

67 56.0 0.0 109.6

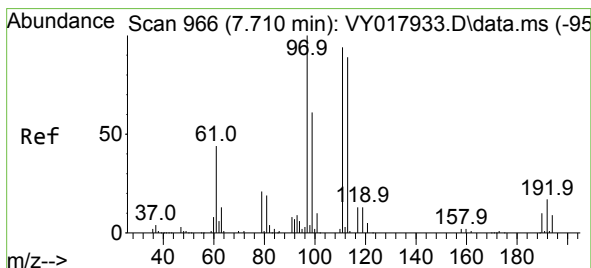
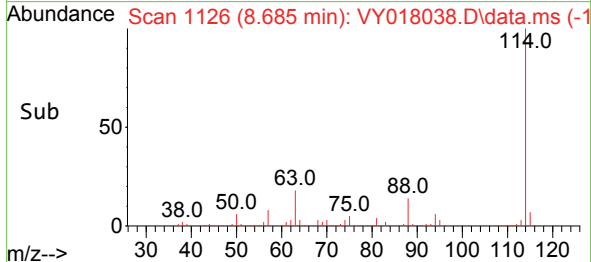
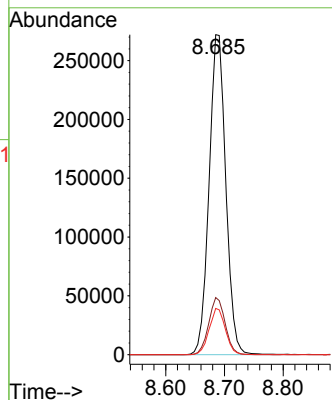
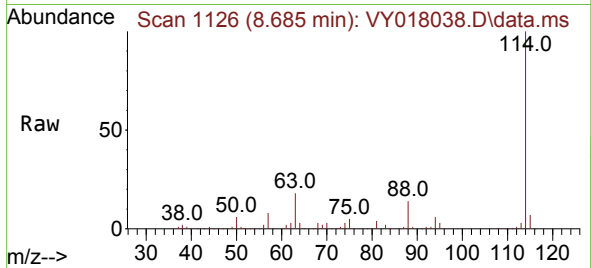




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018038.D
Acq: 24 Apr 2024 15:52

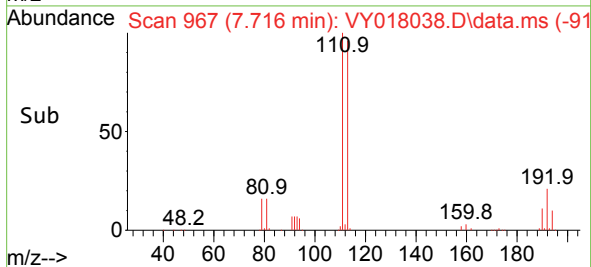
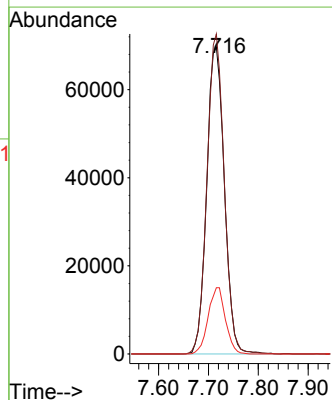
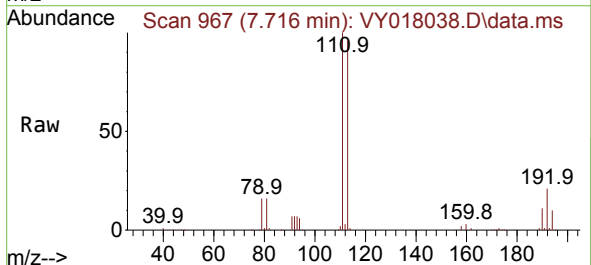
Instrument :
MSVOA_Y
ClientSampleId :

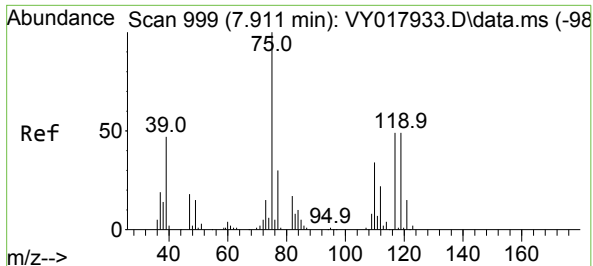
Tgt Ion:114 Resp: 537269
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.0
88 14.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.763 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY018038.D
Acq: 24 Apr 2024 15:52

Tgt Ion:113 Resp: 171574
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 21.1 15.9 23.9

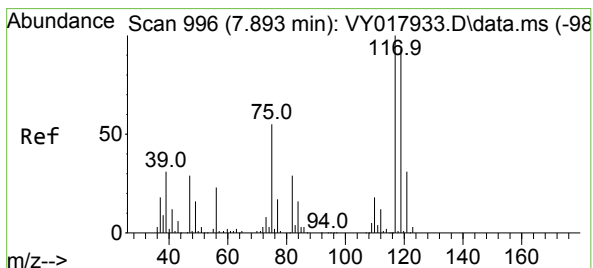
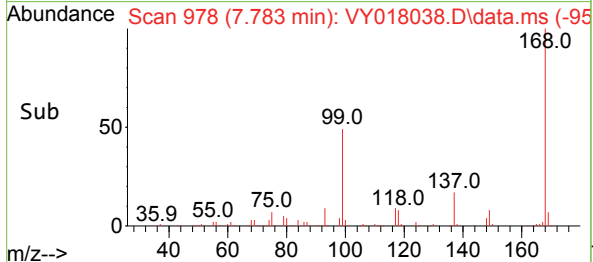
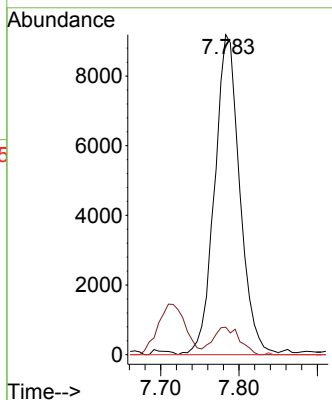
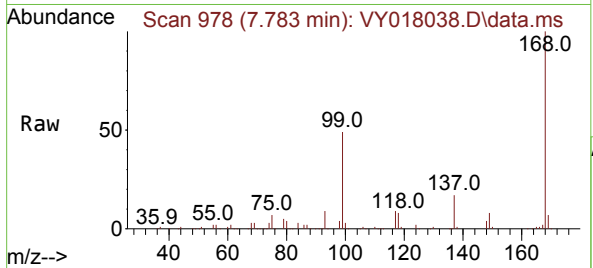




#36
1,1-Dichloropropene
Concen: 4.252 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018038.D
Acq: 24 Apr 2024 15:52

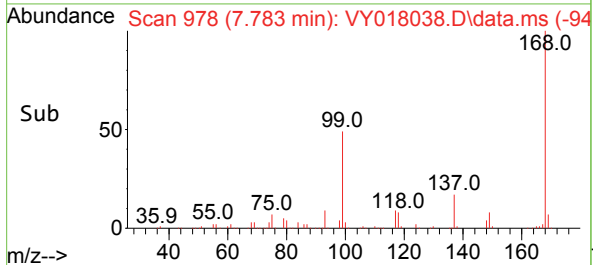
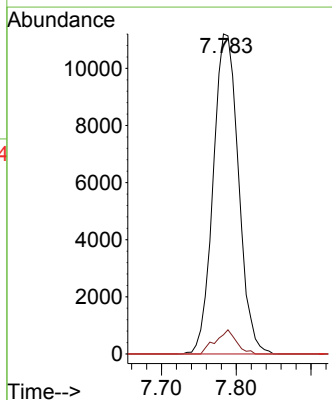
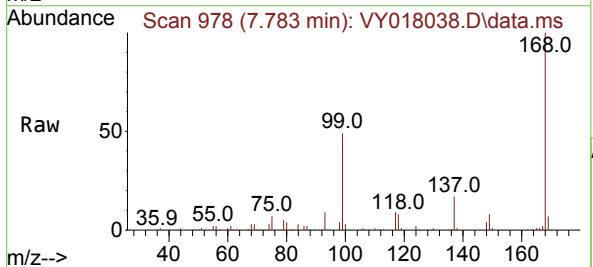
Instrument :
MSVOA_Y
ClientSampleId :

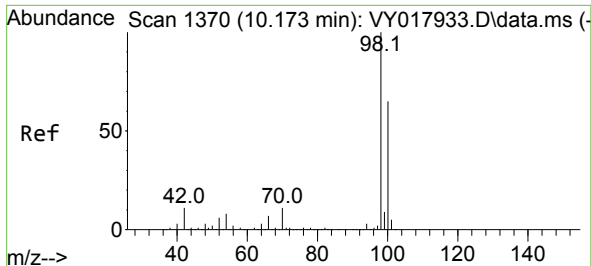
Tgt Ion: 75 Resp: 20498
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.415 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY018038.D
Acq: 24 Apr 2024 15:52

Tgt Ion: 117 Resp: 26370
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.6#
121 0.0 24.0 36.0#

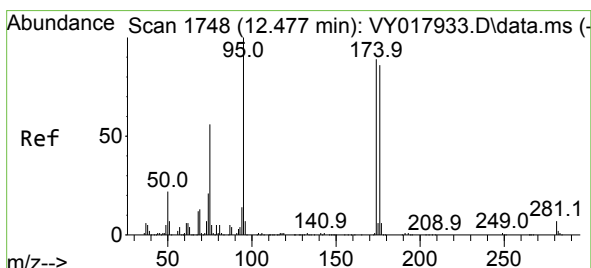
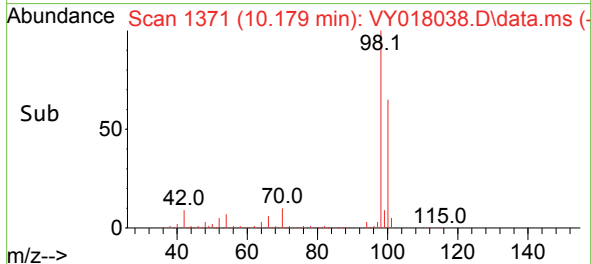
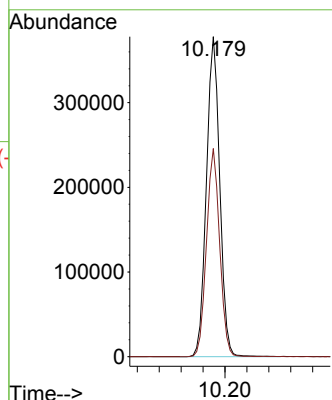
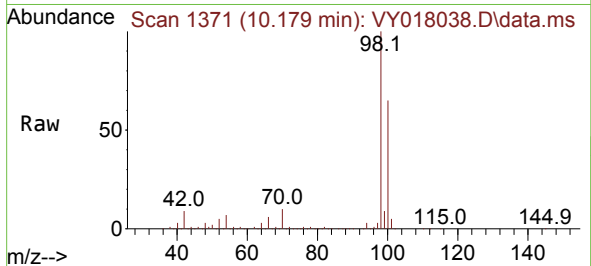




#50
Toluene-d8
Concen: 50.444 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018038.D
Acq: 24 Apr 2024 15:52

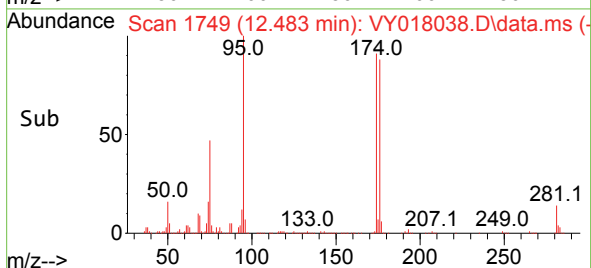
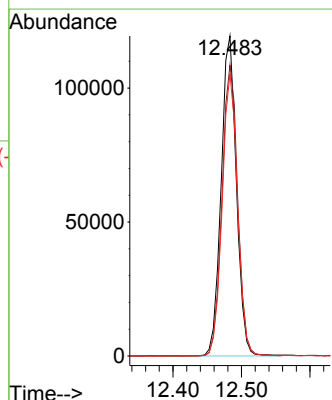
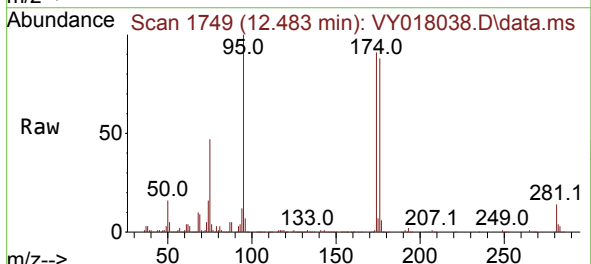
Instrument :
MSVOA_Y
ClientSampleId :

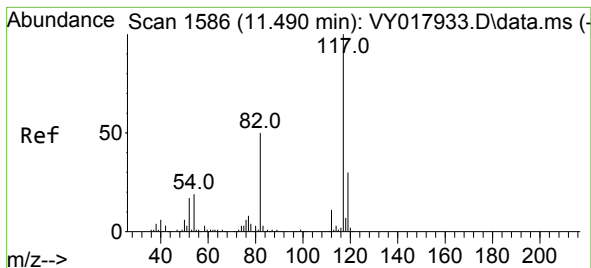
Tgt Ion: 98 Resp: 634455
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.254 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018038.D
Acq: 24 Apr 2024 15:52

Tgt Ion: 95 Resp: 184066
Ion Ratio Lower Upper
95 100
174 93.5 0.0 175.6
176 89.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018038.D

Acq: 24 Apr 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

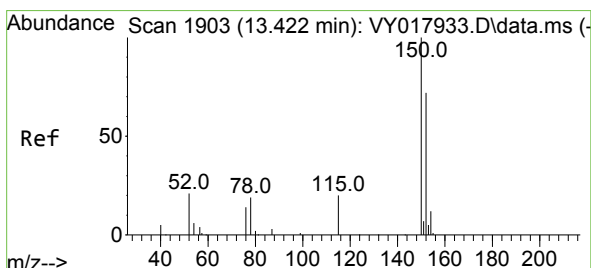
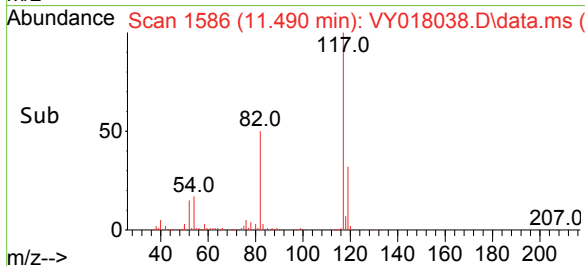
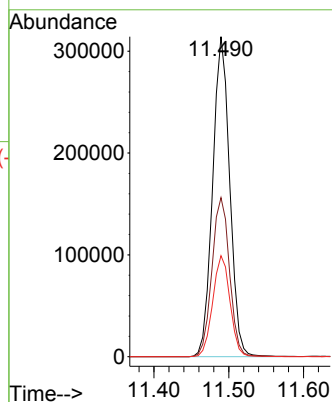
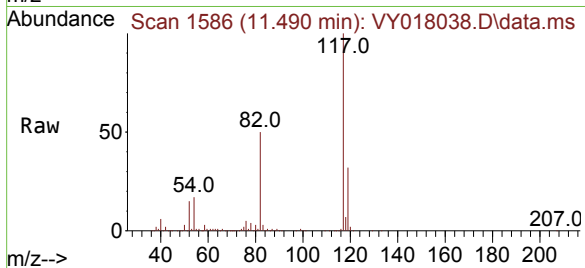
Tgt Ion:117 Resp: 500078

Ion Ratio Lower Upper

117 100

82 49.7 42.4 63.6

119 31.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018038.D

Acq: 24 Apr 2024 15:52

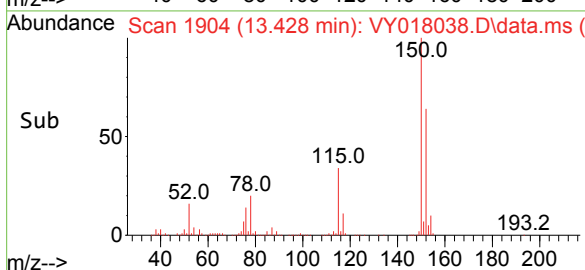
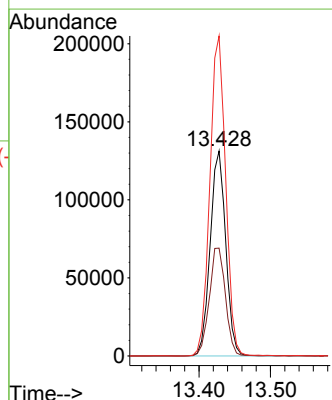
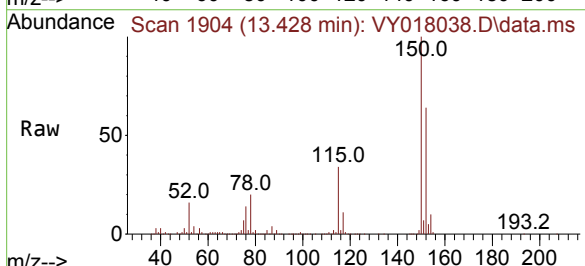
Tgt Ion:152 Resp: 198877

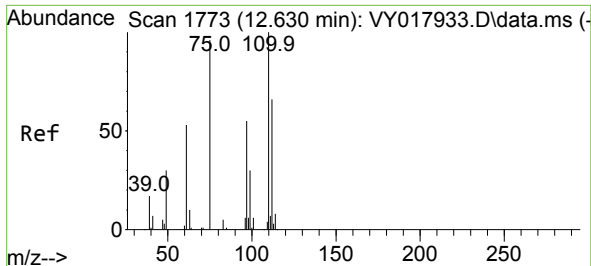
Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 158.0 0.0 345.6

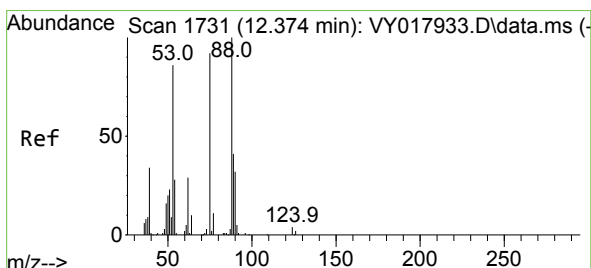
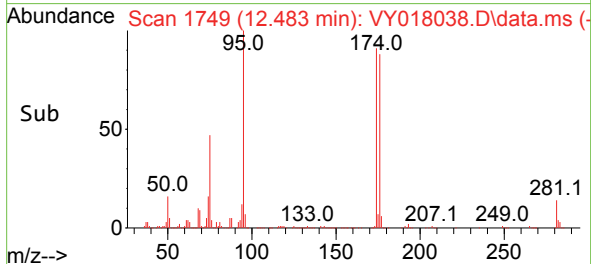
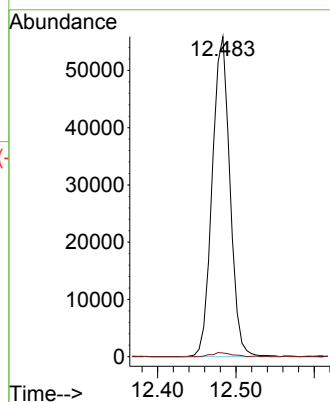
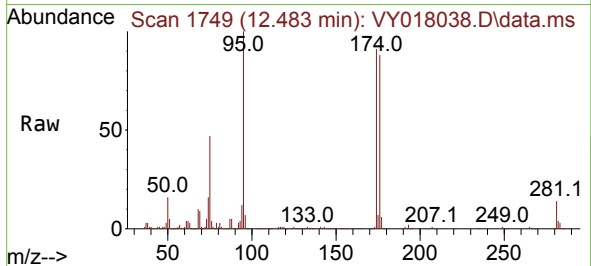




#76
1,2,3-Trichloropropane
Concen: 47.057 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY018038.D
Acq: 24 Apr 2024 15:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 87820
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.024 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY018038.D
Acq: 24 Apr 2024 15:52

Tgt Ion: 75 Resp: 87820
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#

