

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018077.D
 Acq On : 29 Apr 2024 18:42
 Operator : SY/MD
 Sample : P2294-03
 Misc : 6.13g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 30 01:03:04 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)

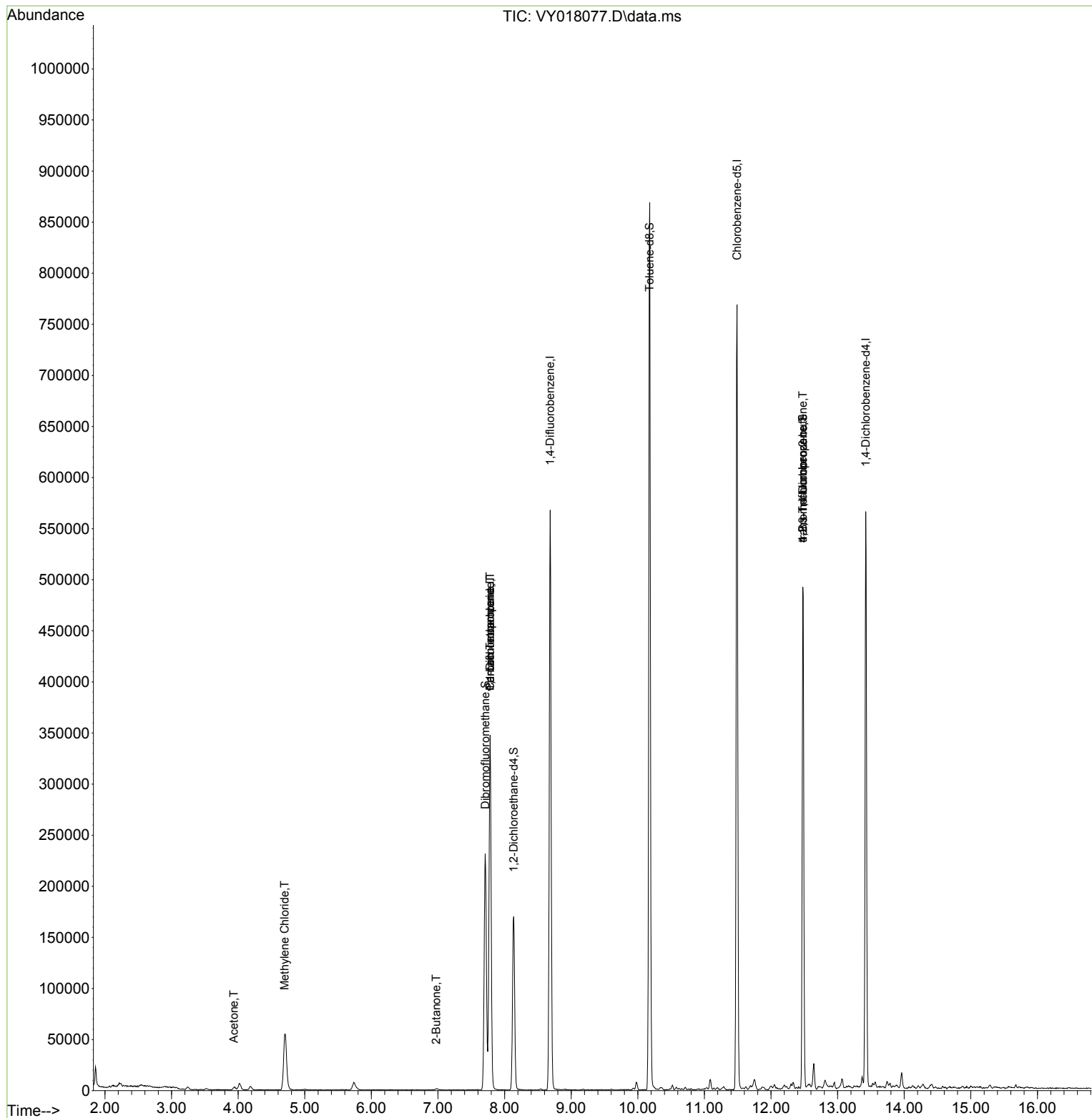
Internal Standards						
1) Pentafluorobenzene	7.783	168	291113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	523559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	463873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	162811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	127793	50.727	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.460%	
35) Dibromofluoromethane	7.710	113	170052	52.647	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.300%	
50) Toluene-d8	10.179	98	604925	49.356	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.720%	
62) 4-Bromofluorobenzene	12.477	95	152209	40.099	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.200%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	121	Below Cal	#	88
16) Acetone	3.936	43	4947	9.938	ug/l	99
20) Methylene Chloride	4.698	84	48930	14.509	ug/l	94
25) 2-Butanone	6.972	43	755	1.032	ug/l #	41
36) 1,1-Dichloropropene	7.783	75	18844	4.012	ug/l #	47
38) Carbon Tetrachloride	7.783	117	25029	5.274	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	72558	47.492	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	72558	97.920	ug/l #	16

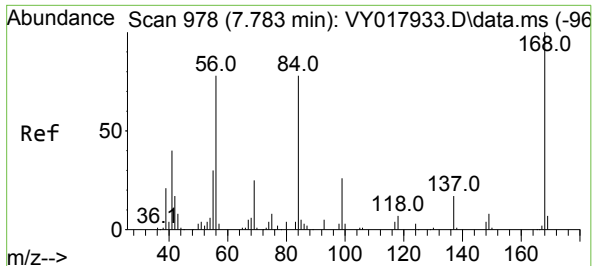
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
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Misc : 6.13g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

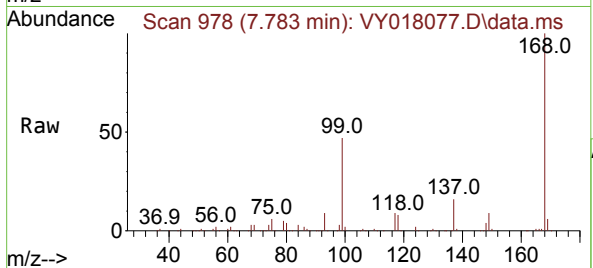
Quant Time: Apr 30 01:03:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration



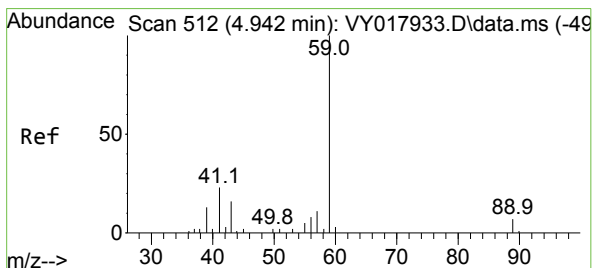
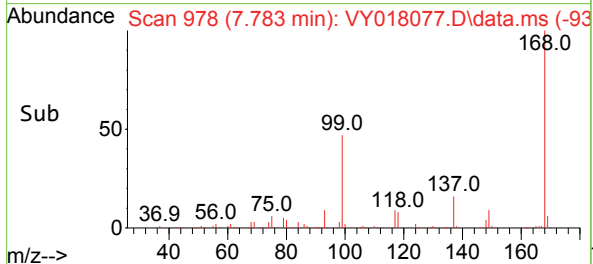
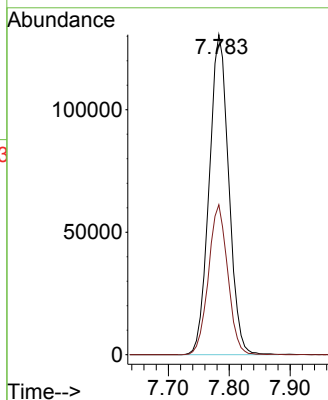


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018077.D
Acq: 29 Apr 2024 18:42

Instrument :
MSVOA_Y
ClientSampleId :

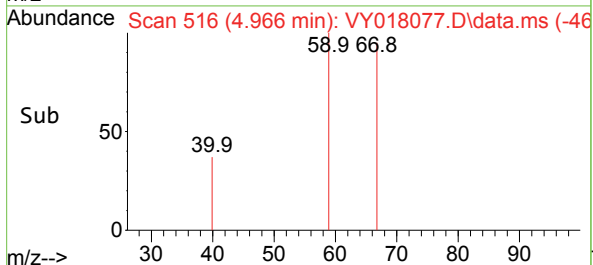
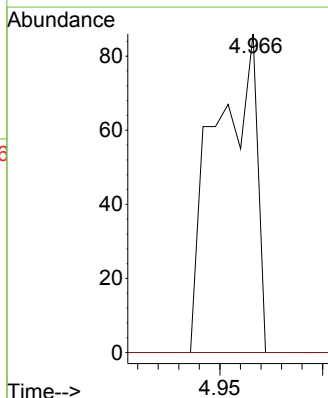
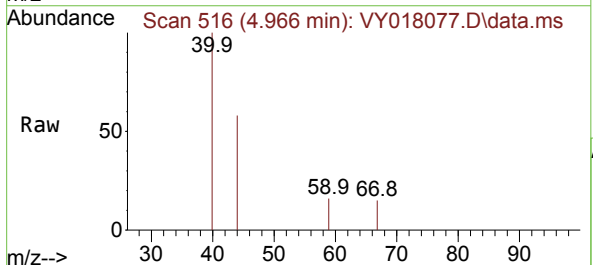


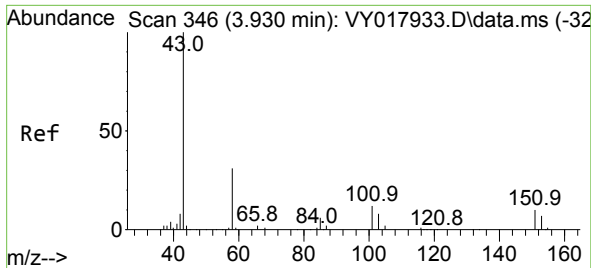
Tgt Ion:168 Resp: 291113
Ion Ratio Lower Upper
168 100
99 46.9 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY018077.D
Acq: 29 Apr 2024 18:42

Tgt Ion: 59 Resp: 121
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 9.938 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.012 min

Lab File: VY018077.D

Acq: 29 Apr 2024 18:42

Instrument :

MSVOA_Y

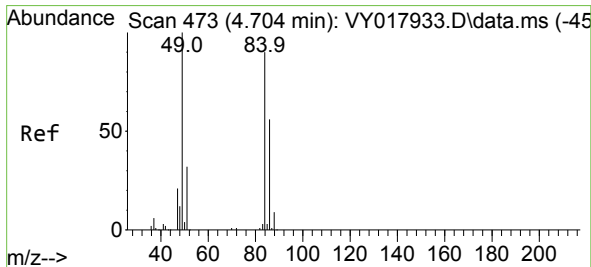
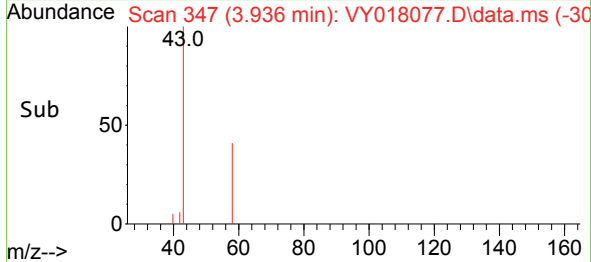
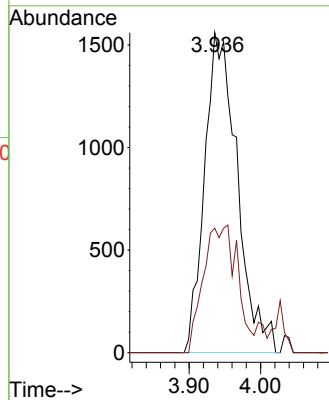
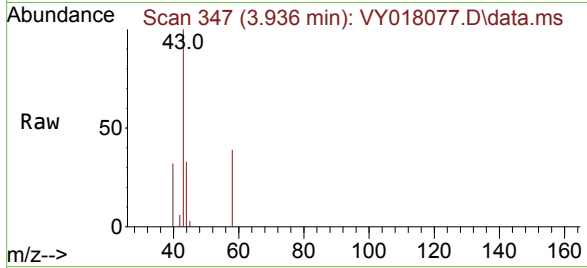
ClientSampleId :

Tgt Ion: 43 Resp: 4947

Ion Ratio Lower Upper

43 100

58 38.9 31.7 47.5



#20

Methylene Chloride

Concen: 14.509 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.018 min

Lab File: VY018077.D

Acq: 29 Apr 2024 18:42

Tgt Ion: 84 Resp: 48930

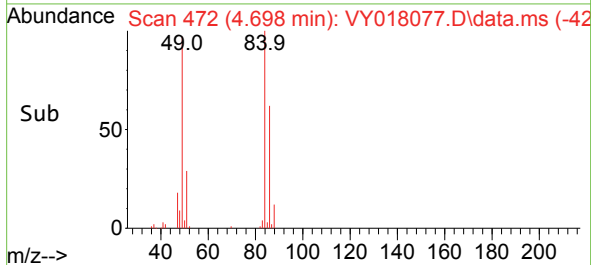
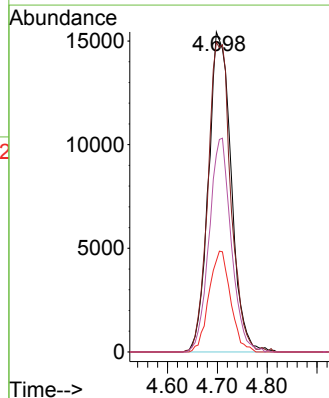
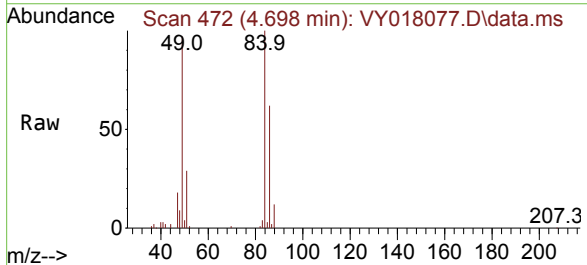
Ion Ratio Lower Upper

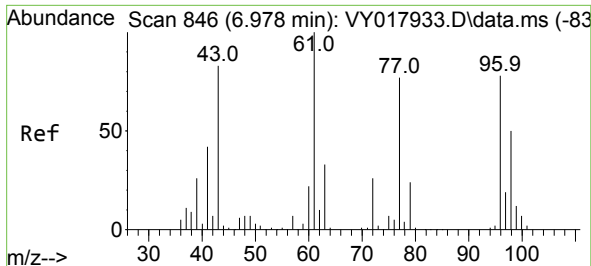
84 100

49 96.8 84.4 126.6

51 28.5 26.0 39.0

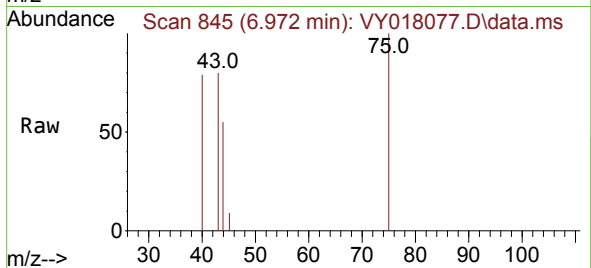
86 61.6 49.5 74.3



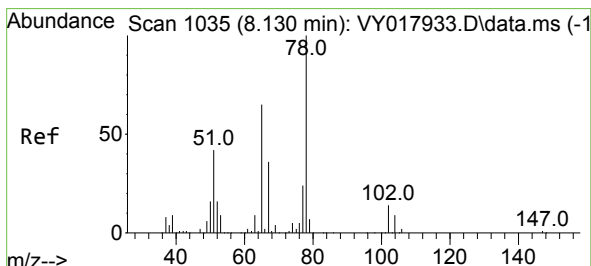
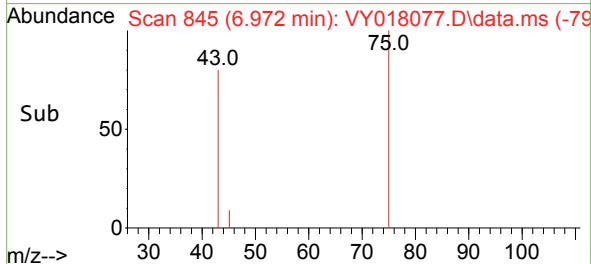
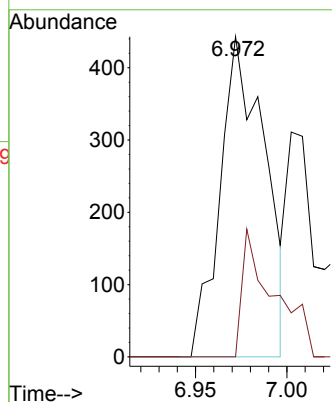


#25
2-Butanone
Concen: 1.032 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY018077.D
Acq: 29 Apr 2024 18:42

Instrument :
MSVOA_Y
ClientSampleId :

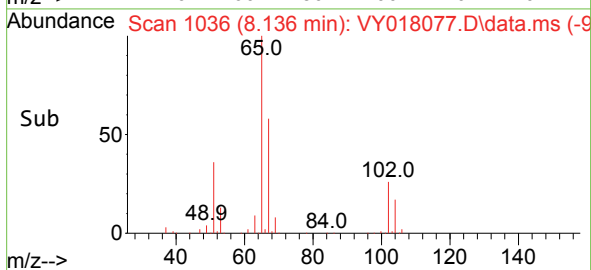
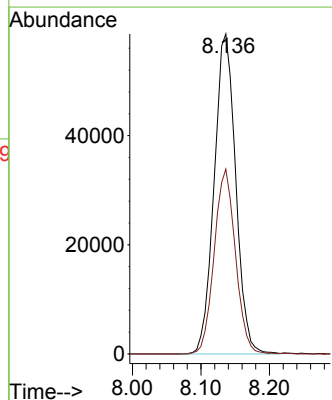
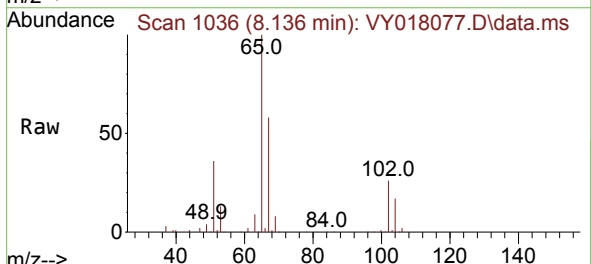


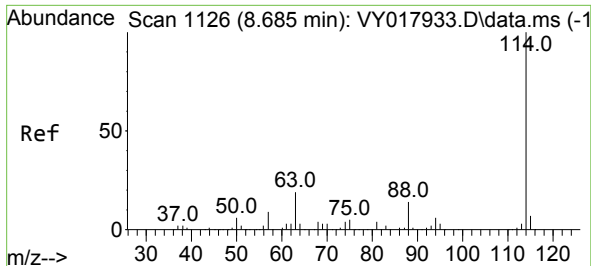
Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 50.727 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018077.D
Acq: 29 Apr 2024 18:42

Tgt Ion: 65 Resp: 127793
Ion Ratio Lower Upper
65 100
67 56.9 0.0 109.6

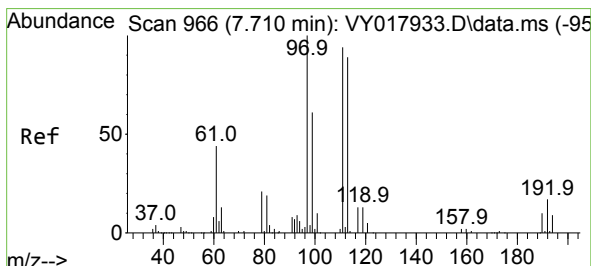
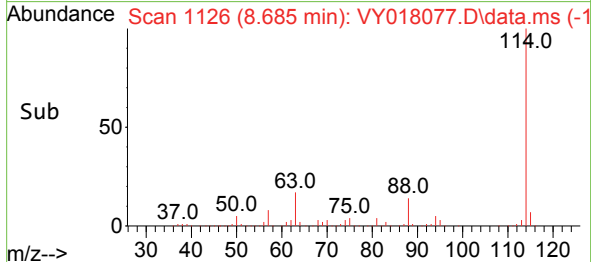
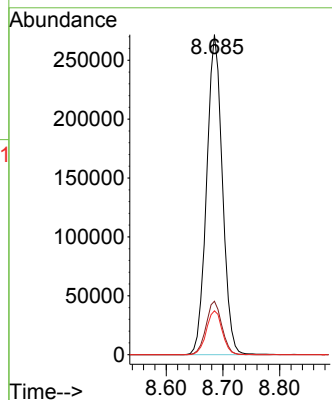
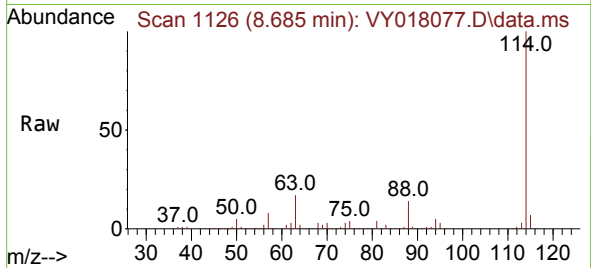




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018077.D
Acq: 29 Apr 2024 18:42

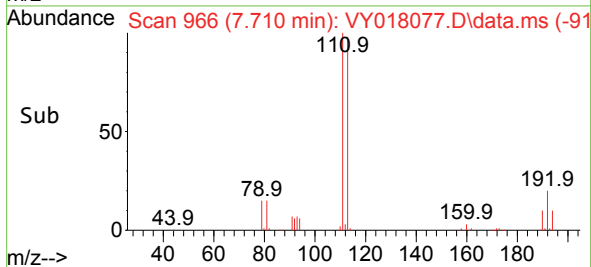
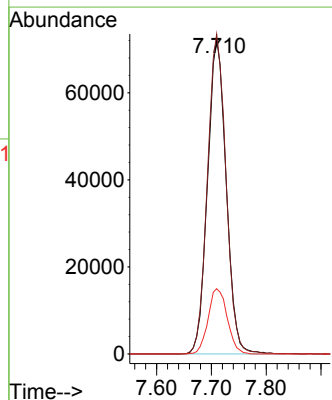
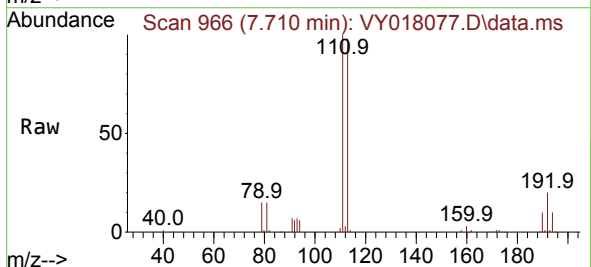
Instrument :
MSVOA_Y
ClientSampleId :

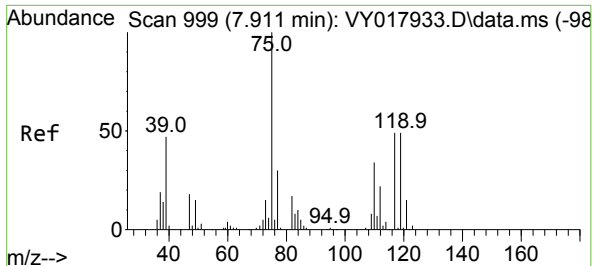
Tgt Ion:114 Resp: 523559
Ion Ratio Lower Upper
114 100
63 16.7 0.0 35.0
88 13.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.647 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY018077.D
Acq: 29 Apr 2024 18:42

Tgt Ion:113 Resp: 170052
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 21.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.012 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY018077.D

Acq: 29 Apr 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

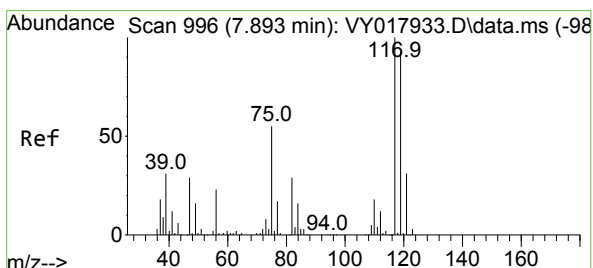
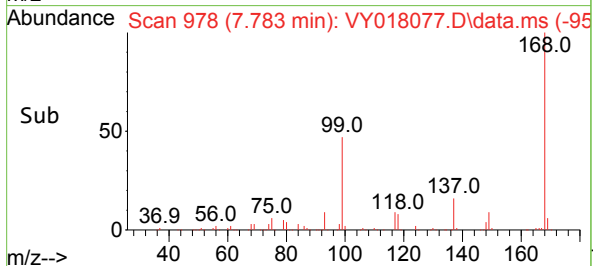
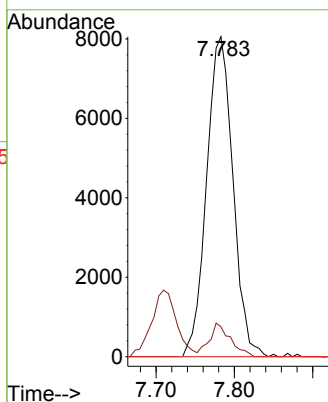
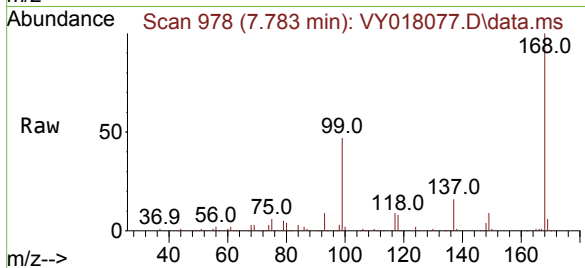
Tgt Ion: 75 Resp: 18844

Ion Ratio Lower Upper

75 100

110 8.4 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.274 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.122 min

Lab File: VY018077.D

Acq: 29 Apr 2024 18:42

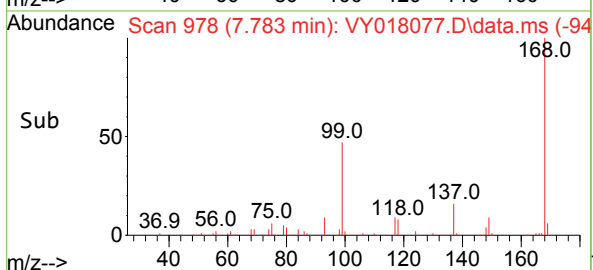
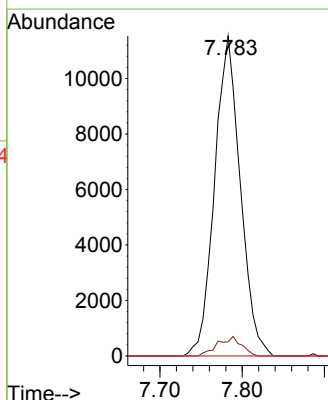
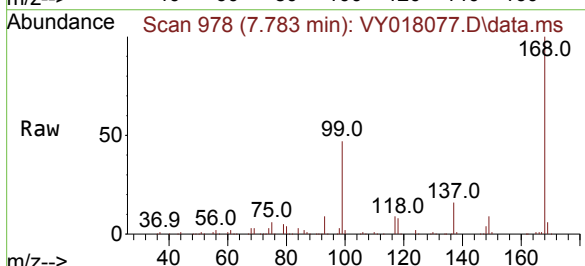
Tgt Ion: 117 Resp: 25029

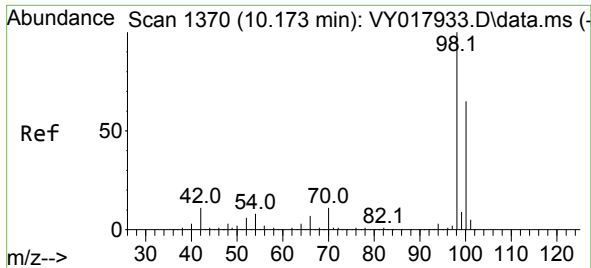
Ion Ratio Lower Upper

117 100

119 4.4 75.8 113.6#

121 0.0 24.0 36.0#

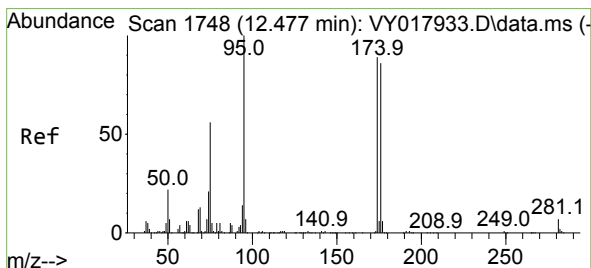
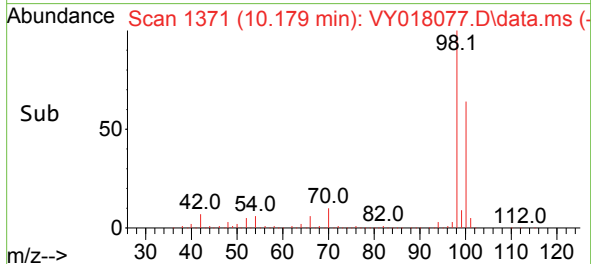
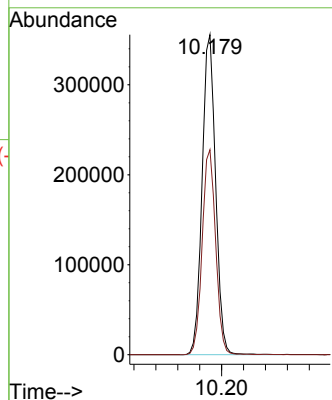
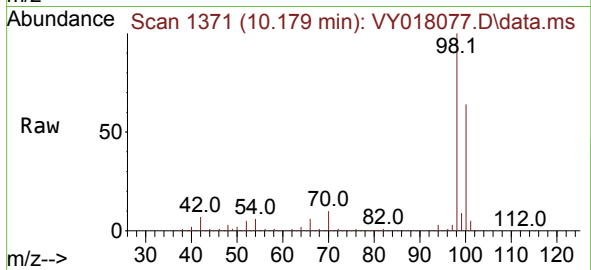




#50
Toluene-d8
Concen: 49.356 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018077.D
Acq: 29 Apr 2024 18:42

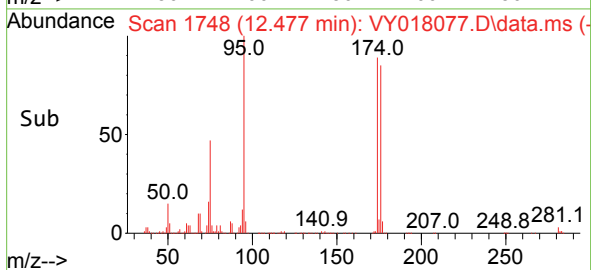
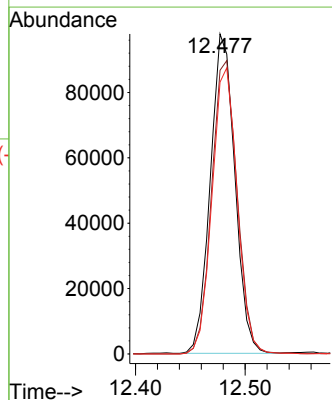
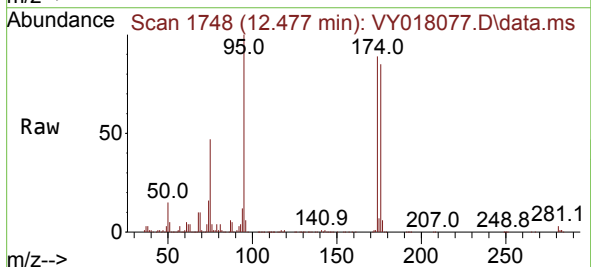
Instrument :
MSVOA_Y
ClientSampleId :

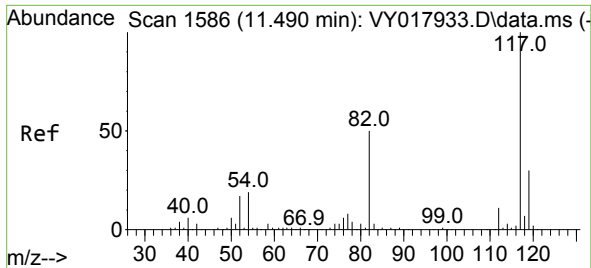
Tgt Ion: 98 Resp: 604925
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.099 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018077.D
Acq: 29 Apr 2024 18:42

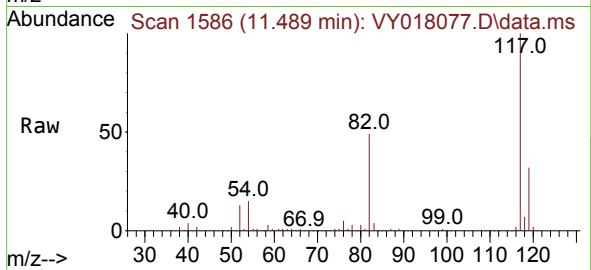
Tgt Ion: 95 Resp: 152209
Ion Ratio Lower Upper
95 100
174 95.4 0.0 175.6
176 91.9 0.0 171.4



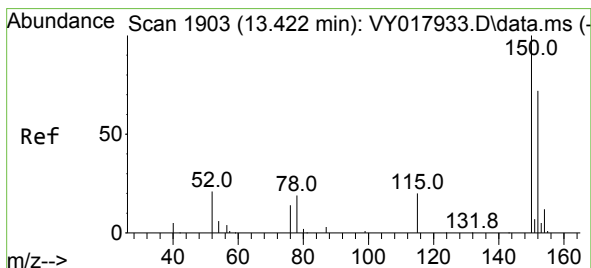
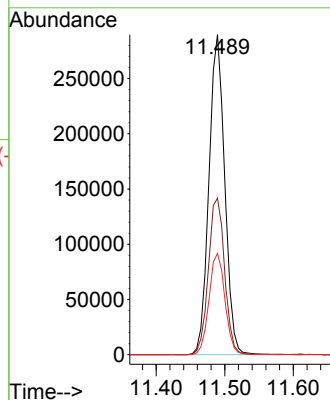
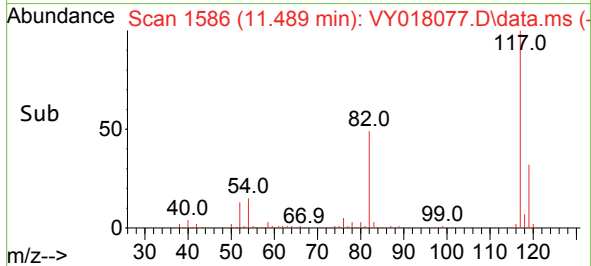


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018077.D
Acq: 29 Apr 2024 18:42

Instrument :
MSVOA_Y
ClientSampleId :

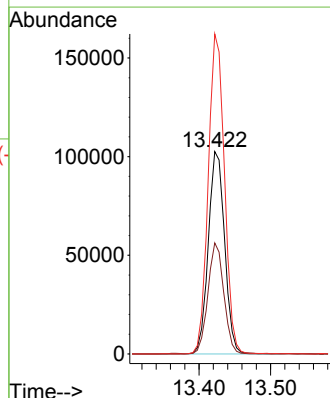
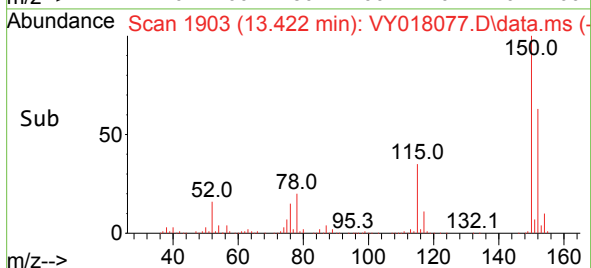
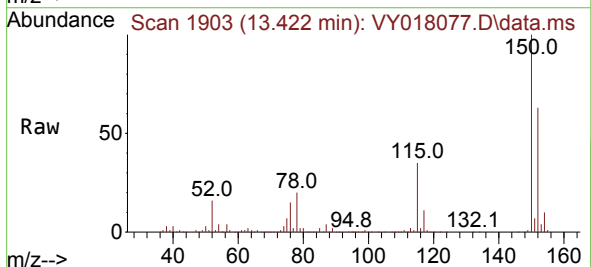


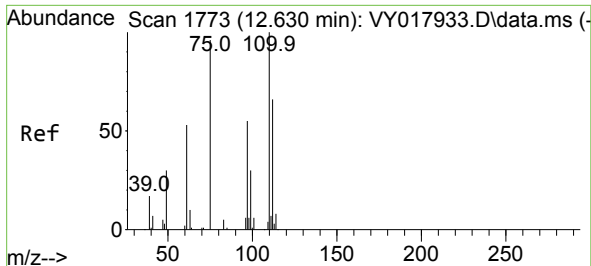
Tgt Ion:117 Resp: 463873
Ion Ratio Lower Upper
117 100
82 48.9 42.4 63.6
119 31.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY018077.D
Acq: 29 Apr 2024 18:42

Tgt Ion:152 Resp: 162811
Ion Ratio Lower Upper
152 100
115 53.4 28.2 84.7
150 157.2 0.0 345.6

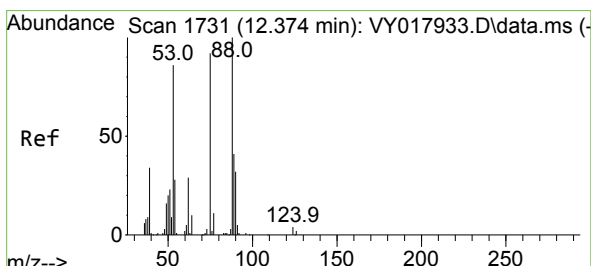
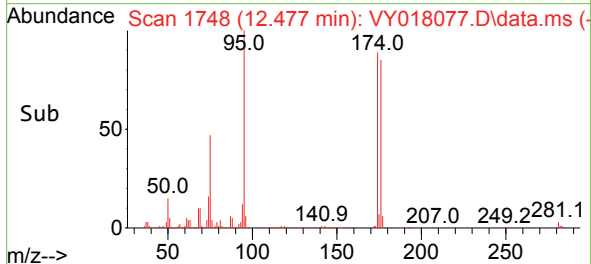
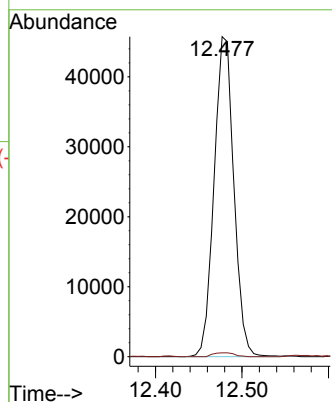
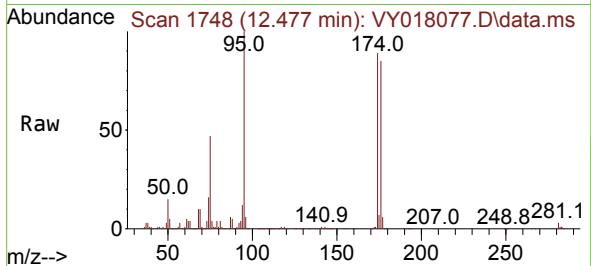




#76
1,2,3-Trichloropropane
Concen: 47.492 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY018077.D
Acq: 29 Apr 2024 18:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 72558
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.920 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY018077.D
Acq: 29 Apr 2024 18:42

Tgt Ion: 75 Resp: 72558
Ion Ratio Lower Upper
75 100
53 0.3 66.8 100.2#
89 0.1 35.8 53.6#

