

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
 Data File : VY018840.D
 Acq On : 16 Jul 2024 19:05
 Operator : SY/MD
 Sample : P3248-01RE
 Misc : 7.98g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-120-SB01RE

Quant Time: Jul 17 02:00:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

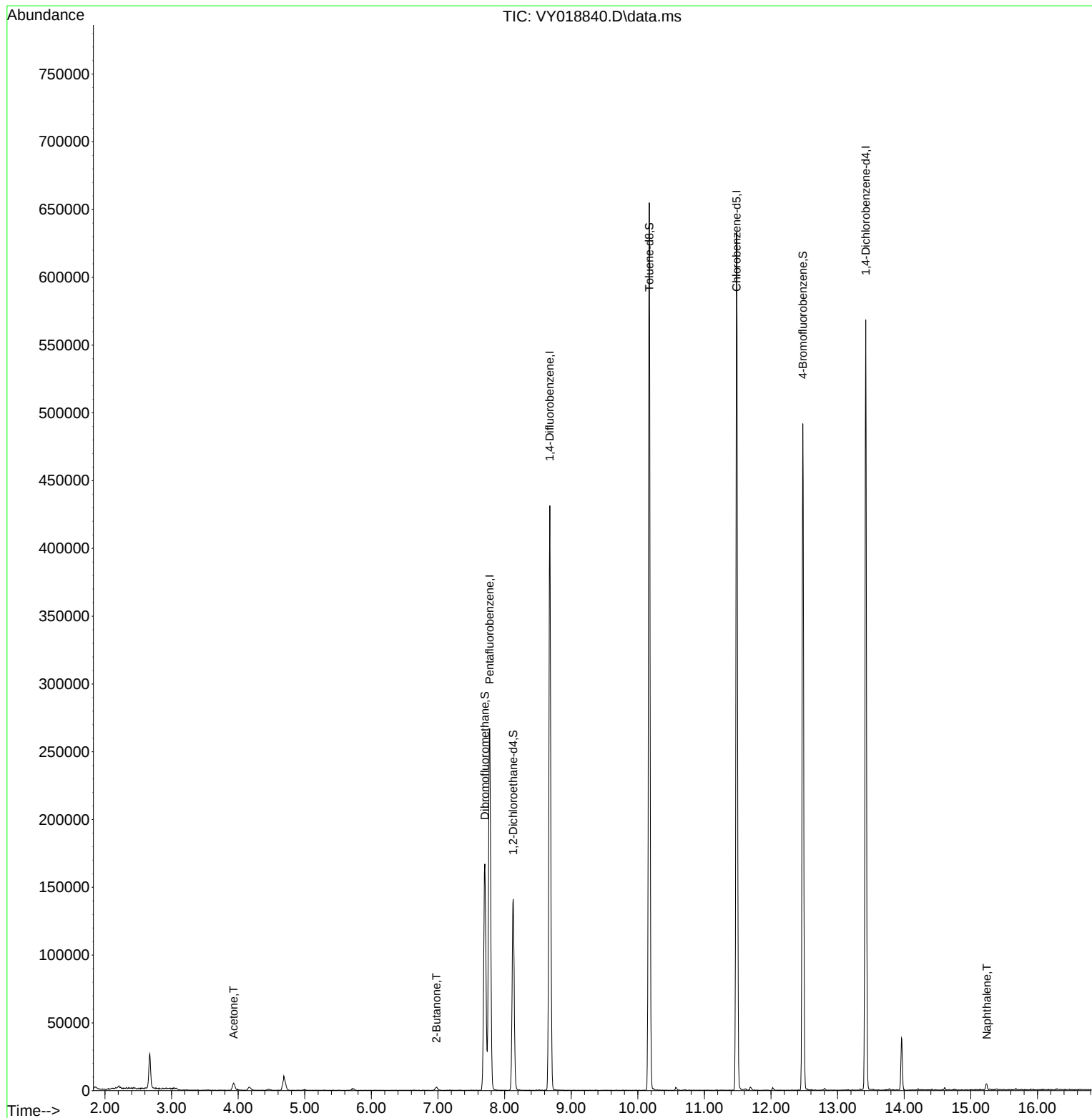
Internal Standards						
1) Pentafluorobenzene	7.777	168	212751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	364528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	336148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	106953	51.088	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.180%	
35) Dibromofluoromethane	7.704	113	113869	49.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.740%	
50) Toluene-d8	10.173	98	413465	47.801	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.600%	
62) 4-Bromofluorobenzene	12.477	95	139110	47.093	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.180%	
Target Compounds						
					Qvalue	
16) Acetone	3.930	43	9301	24.098	ug/l #	74
25) 2-Butanone	6.978	43	3249	6.005	ug/l #	75
95) Naphthalene	15.239	128	4585	1.039	ug/l	97

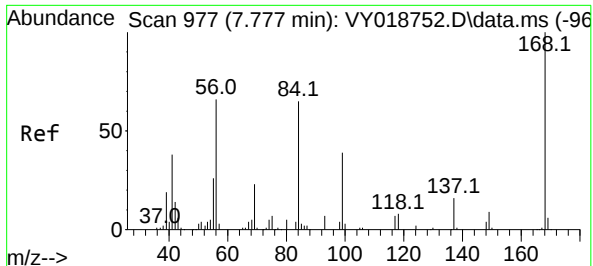
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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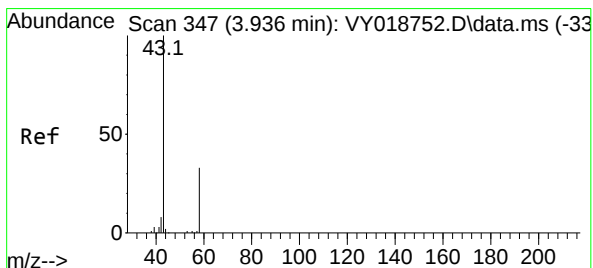
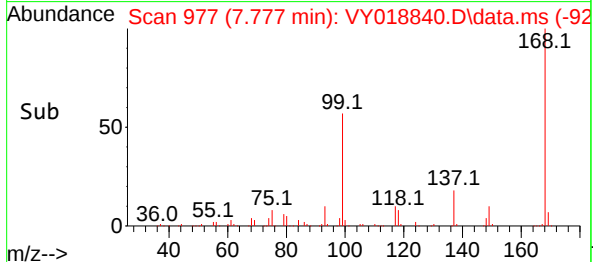
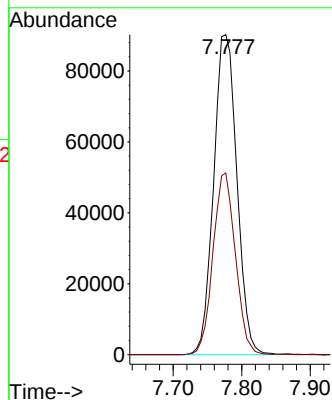
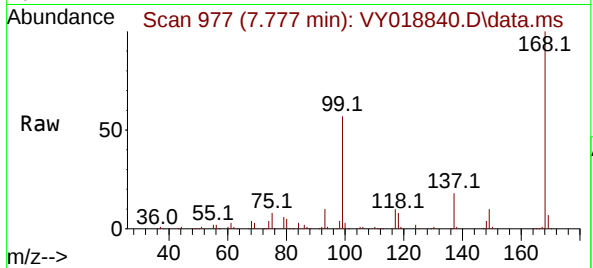




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018840.D
Acq: 16 Jul 2024 19:05

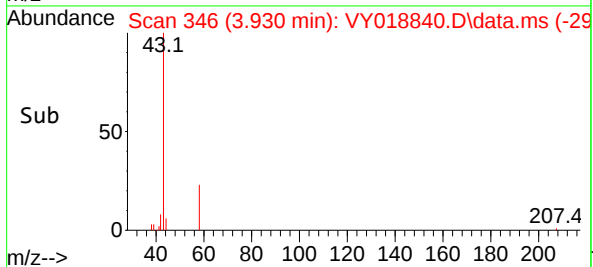
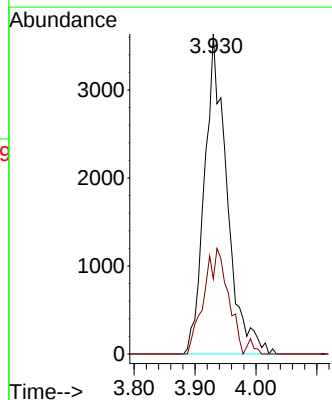
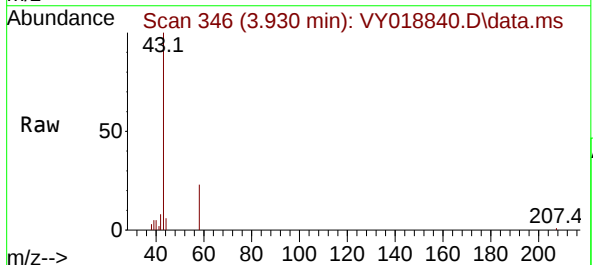
Instrument :
MSVOA_Y
ClientSampleId :
B-120-SB01RE

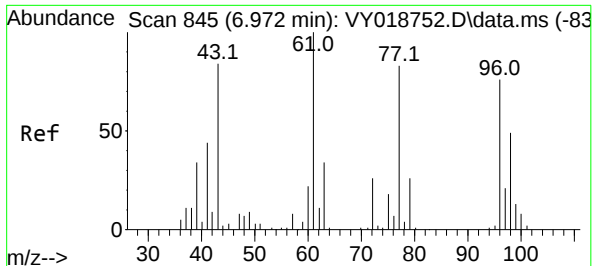
Tgt Ion:168 Resp: 212751
Ion Ratio Lower Upper
168 100
99 56.8 39.1 58.7



#16
Acetone
Concen: 24.098 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018840.D
Acq: 16 Jul 2024 19:05

Tgt Ion: 43 Resp: 9301
Ion Ratio Lower Upper
43 100
58 23.5 31.7 47.5#





#25

2-Butanone

Concen: 6.005 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY018840.D

Acq: 16 Jul 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

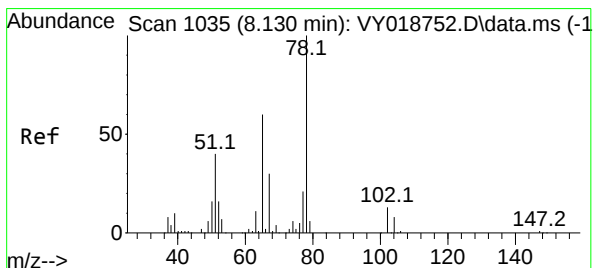
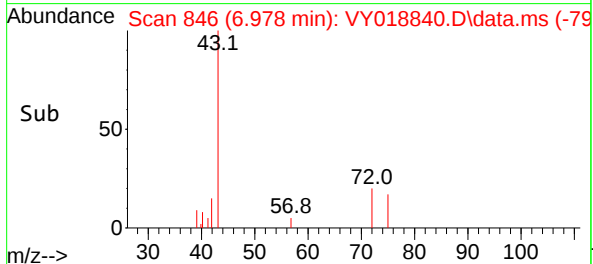
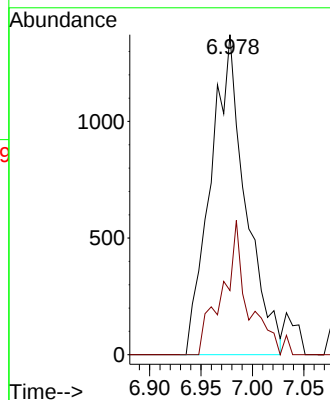
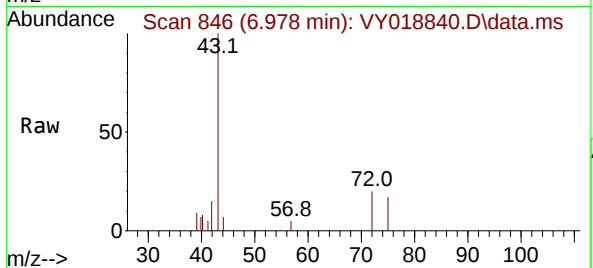
B-120-SB01RE

Tgt Ion: 43 Resp: 3249

Ion Ratio Lower Upper

43 100

72 20.0 27.3 40.9#



#33

1,2-Dichloroethane-d4

Concen: 51.088 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018840.D

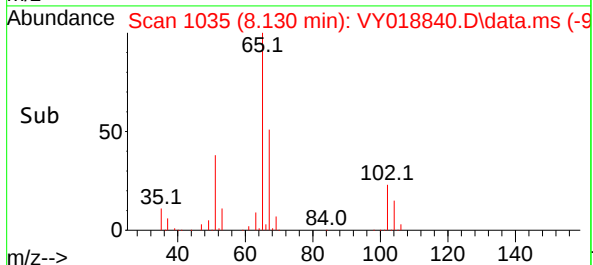
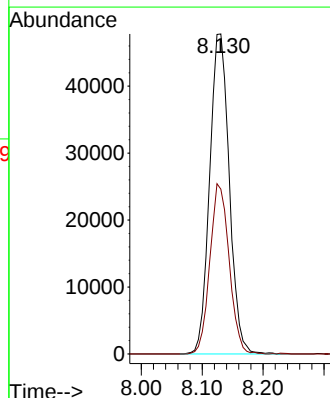
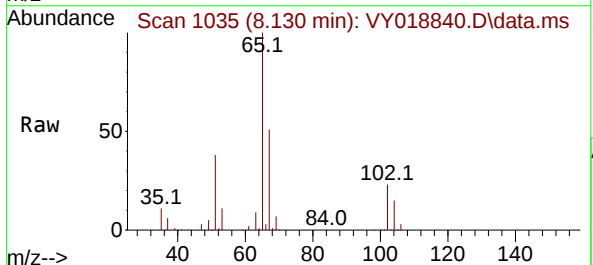
Acq: 16 Jul 2024 19:05

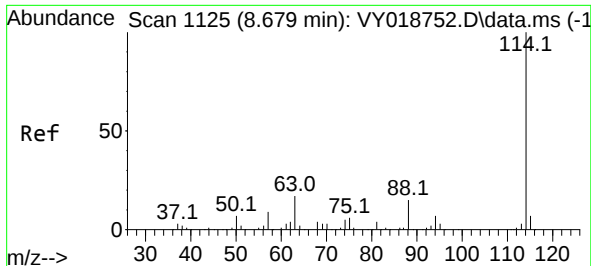
Tgt Ion: 65 Resp: 106953

Ion Ratio Lower Upper

65 100

67 52.2 0.0 109.6

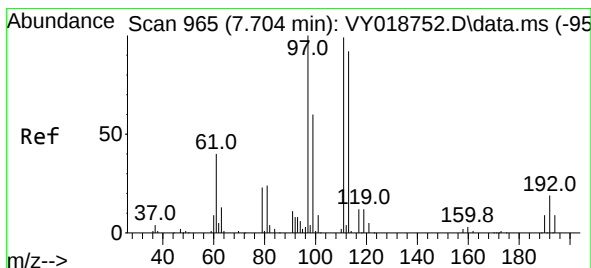
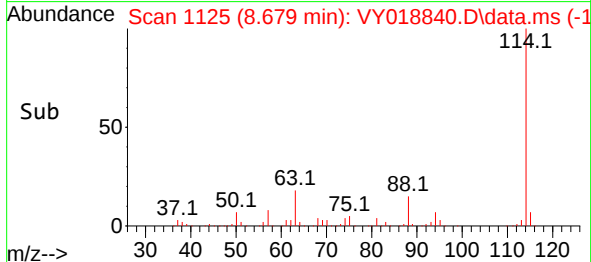
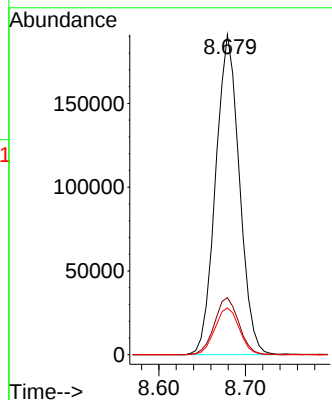
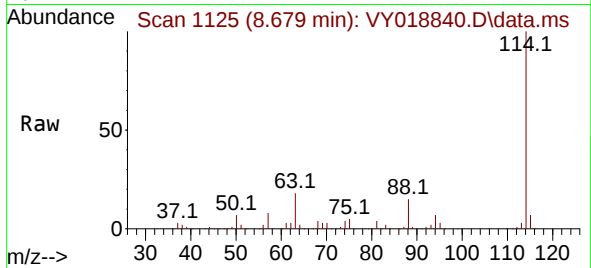




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VY018840.D
Acq: 16 Jul 2024 19:05

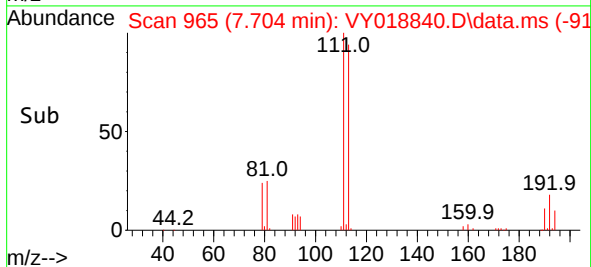
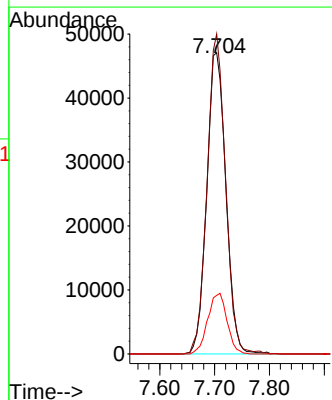
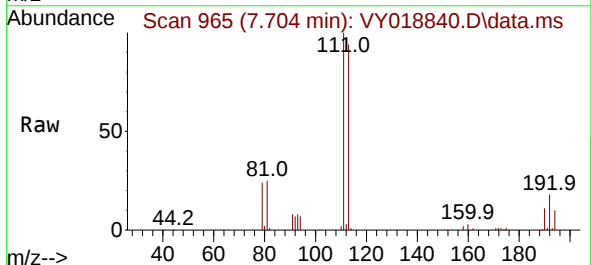
Instrument :
MSVOA_Y
ClientSampleId :
B-120-SB01RE

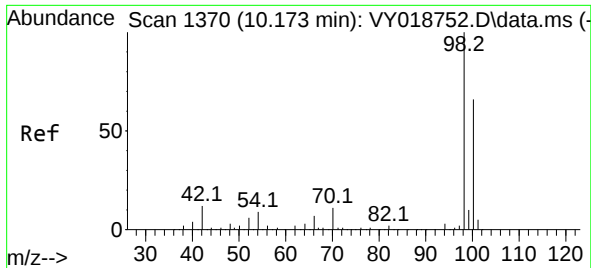
Tgt Ion:114 Resp: 364528
Ion Ratio Lower Upper
114 100
63 17.8 0.0 35.0
88 14.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.874 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018840.D
Acq: 16 Jul 2024 19:05

Tgt Ion:113 Resp: 113869
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 20.3 15.9 23.9

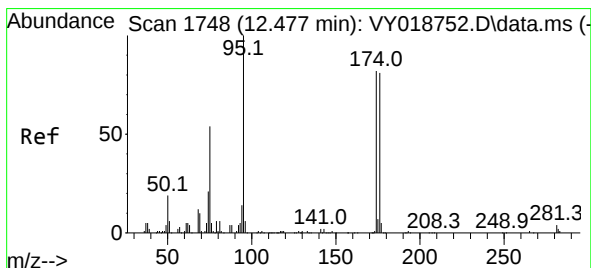
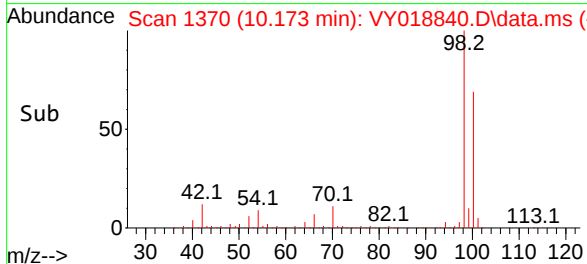
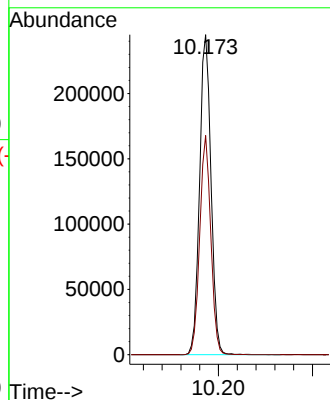
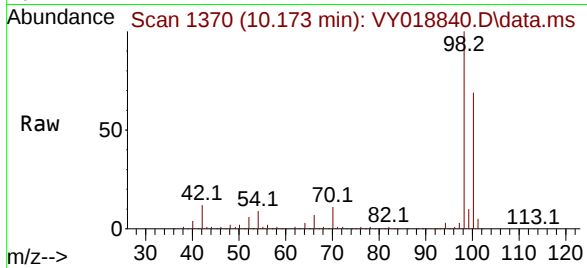




#50
Toluene-d8
Concen: 47.801 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018840.D
Acq: 16 Jul 2024 19:05

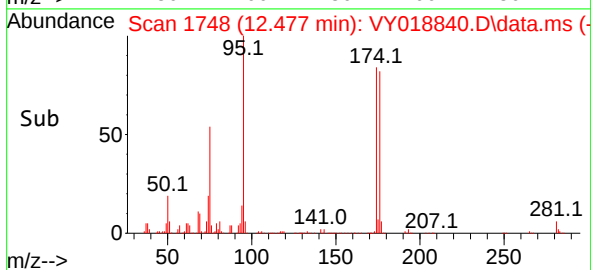
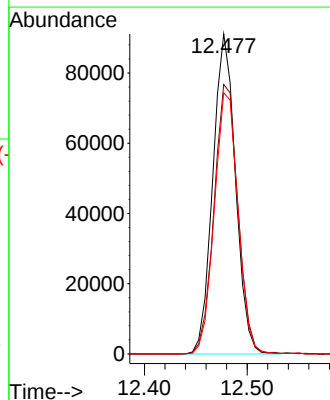
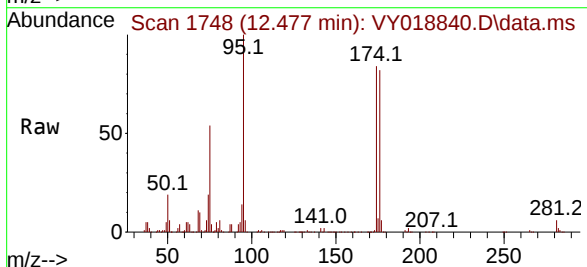
Instrument :
MSVOA_Y
ClientSampleId :
B-120-SB01RE

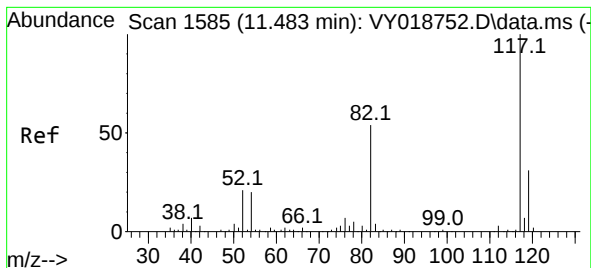
Tgt Ion: 98 Resp: 413465
Ion Ratio Lower Upper
98 100
100 66.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.093 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018840.D
Acq: 16 Jul 2024 19:05

Tgt Ion: 95 Resp: 139110
Ion Ratio Lower Upper
95 100
174 89.0 0.0 175.6
176 85.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018840.D

Acq: 16 Jul 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

B-120-SB01RE

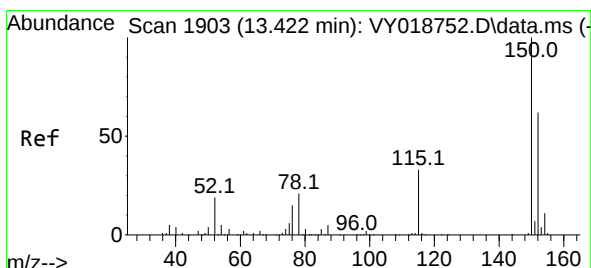
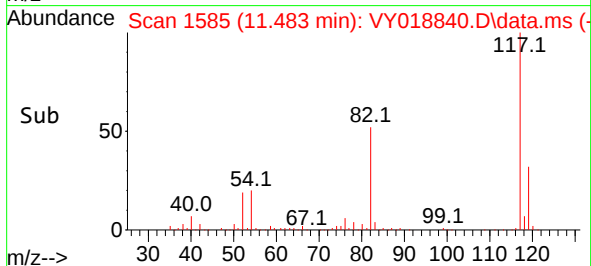
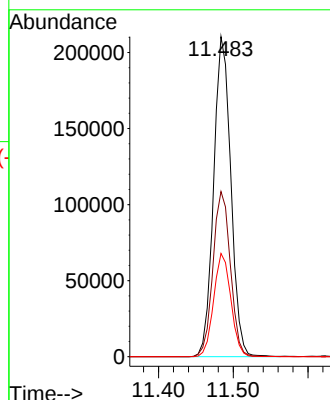
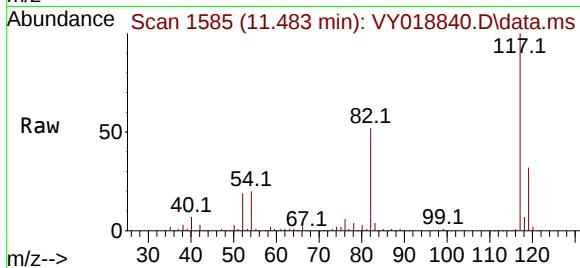
Tgt Ion:117 Resp: 336148

Ion Ratio Lower Upper

117 100

82 51.6 42.4 63.6

119 32.3 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: VY018840.D

Acq: 16 Jul 2024 19:05

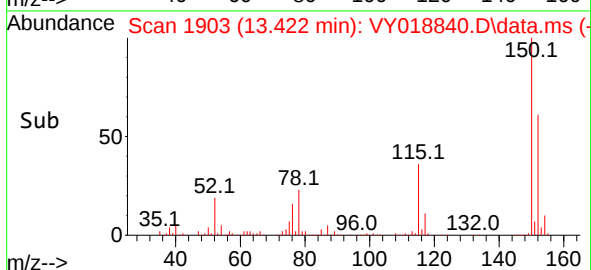
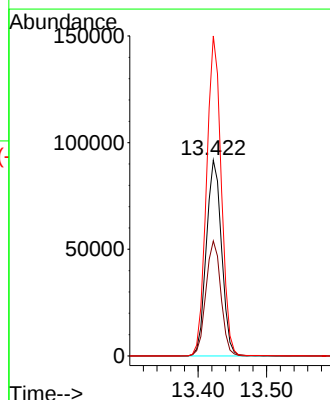
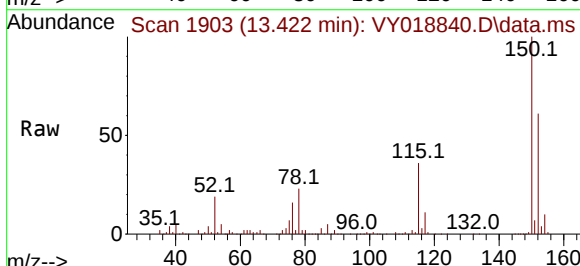
Tgt Ion:152 Resp: 142159

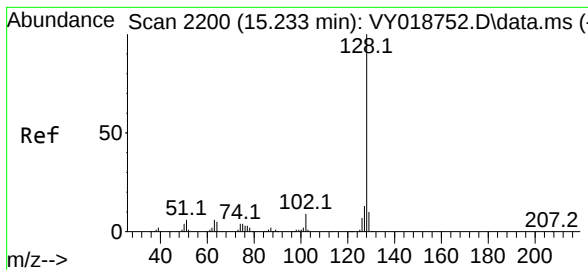
Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

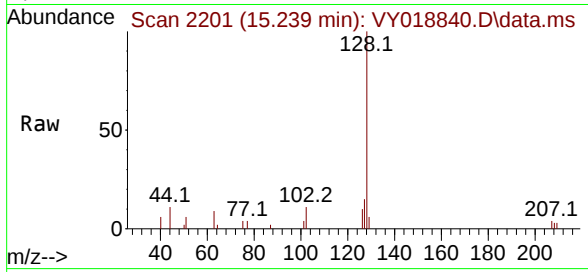
150 158.4 0.0 345.6





#95
Naphthalene
Concen: 1.039 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY018840.D
Acq: 16 Jul 2024 19:05

Instrument :
MSVOA_Y
ClientSampleId :
B-120-SB01RE



Tgt Ion:128 Resp: 4585
Ion Ratio Lower Upper
128 100
127 12.3 10.6 16.0
129 12.1 8.6 13.0

