

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071524\
 Data File : VY018820.D
 Acq On : 15 Jul 2024 18:14
 Operator : SY/MD
 Sample : P3248-02
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-120-SB02

Quant Time: Jul 16 04:40:34 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)

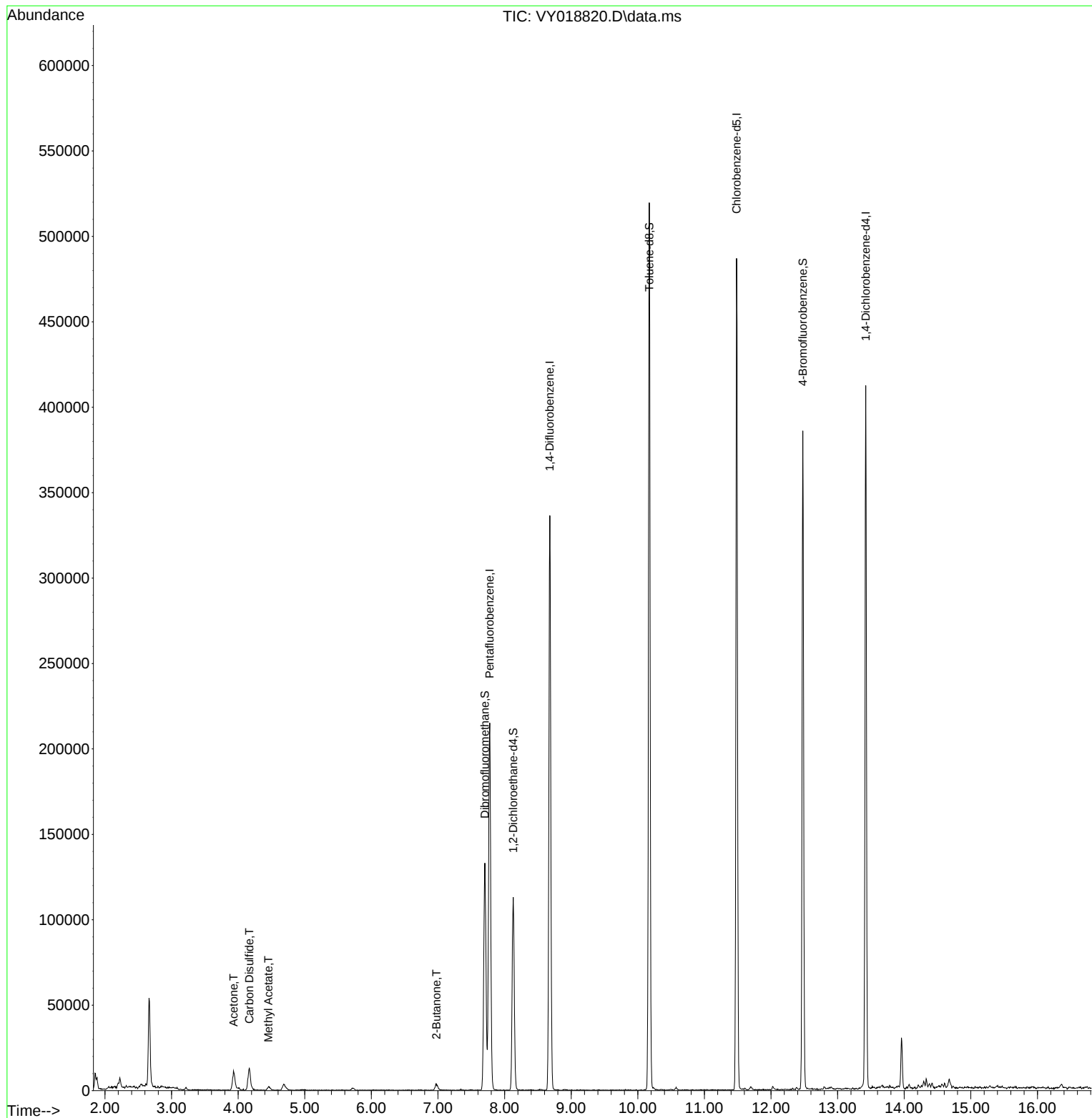
Internal Standards						
1) Pentafluorobenzene	7.777	168	166927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	292238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	269088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	87707	53.395	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.800%
35) Dibromofluoromethane	7.704	113	90217	49.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.580%
50) Toluene-d8	10.173	98	333983	48.163	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.320%
62) 4-Bromofluorobenzene	12.477	95	106523	44.982	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.960%
Target Compounds						
						Qvalue
16) Acetone	3.930	43	18135	59.885	ug/l #	85
17) Carbon Disulfide	4.168	76	25195	5.579	ug/l #	91
18) Methyl Acetate	4.454	43	3827	4.349	ug/l #	67
25) 2-Butanone	6.978	43	5585	13.157	ug/l	95

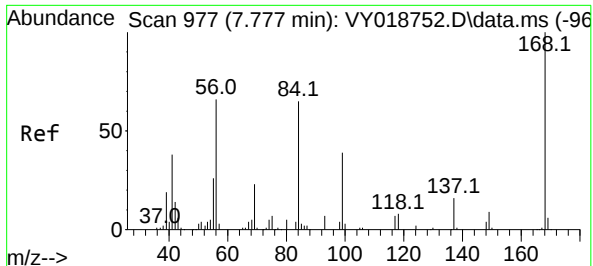
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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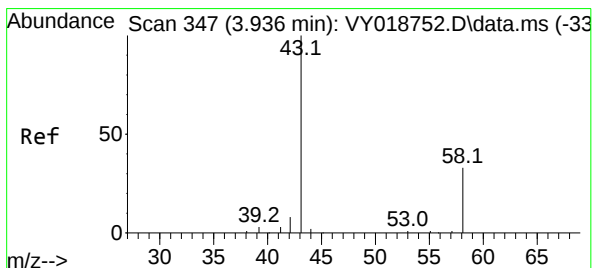
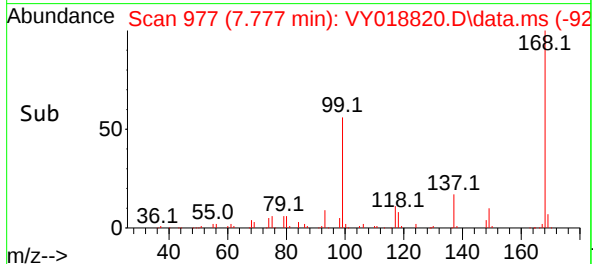
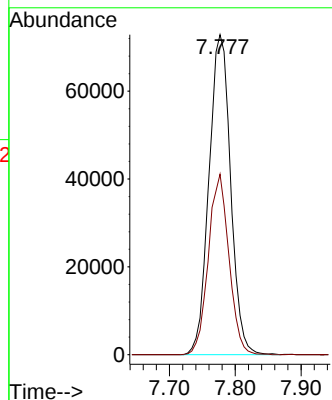
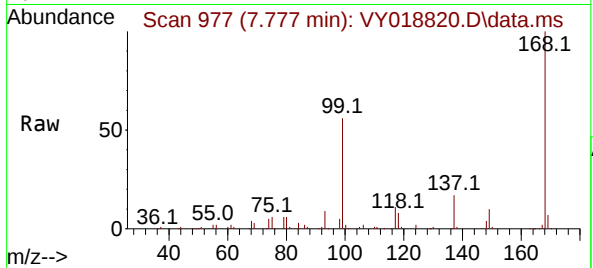




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018820.D
Acq: 15 Jul 2024 18:14

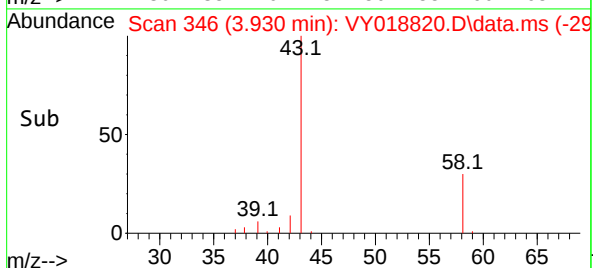
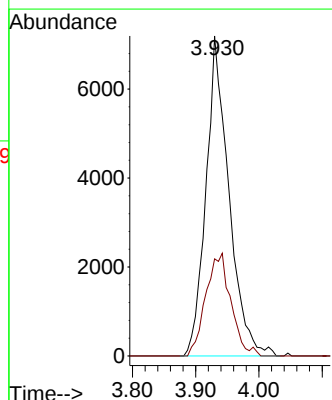
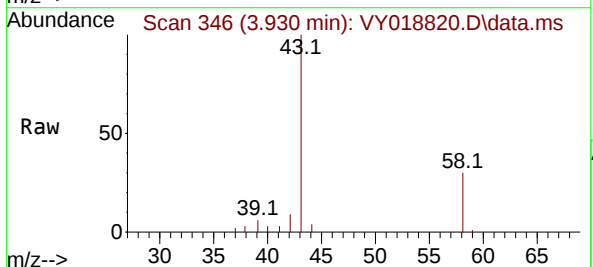
Instrument :
MSVOA_Y
ClientSampleId :
B-120-SB02

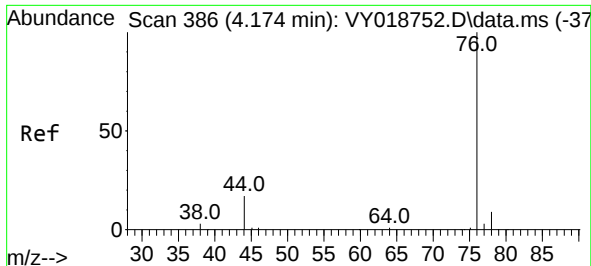
Tgt Ion:168 Resp: 166927
Ion Ratio Lower Upper
168 100
99 56.4 39.1 58.7



#16
Acetone
Concen: 59.885 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018820.D
Acq: 15 Jul 2024 18:14

Tgt Ion: 43 Resp: 18135
Ion Ratio Lower Upper
43 100
58 30.3 31.7 47.5#

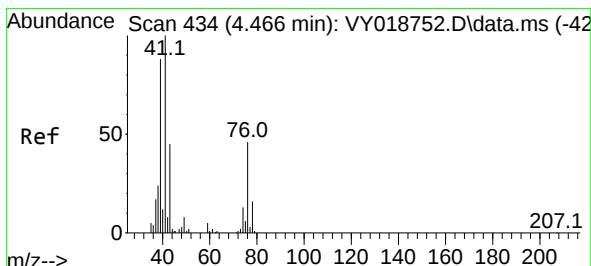
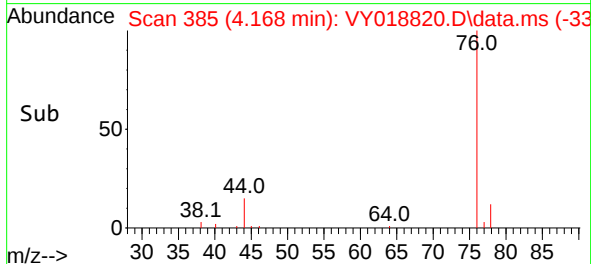
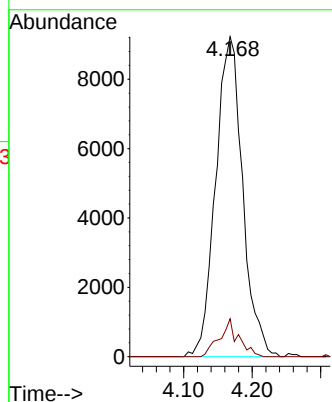
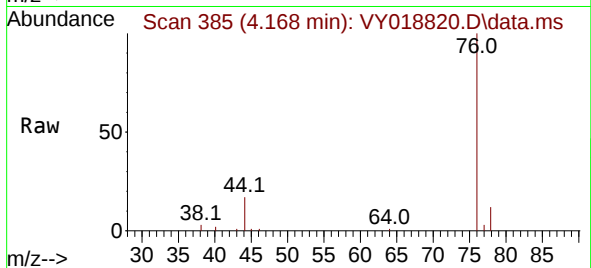




#17
Carbon Disulfide
Concen: 5.579 ug/l
RT: 4.168 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY018820.D
Acq: 15 Jul 2024 18:14

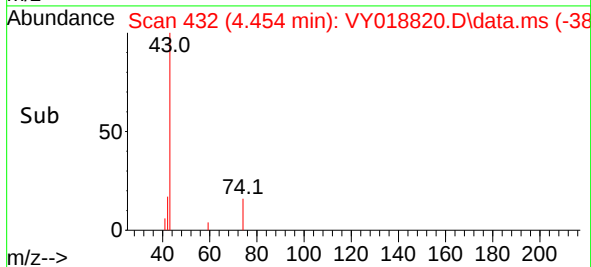
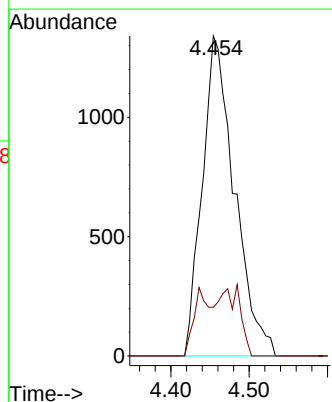
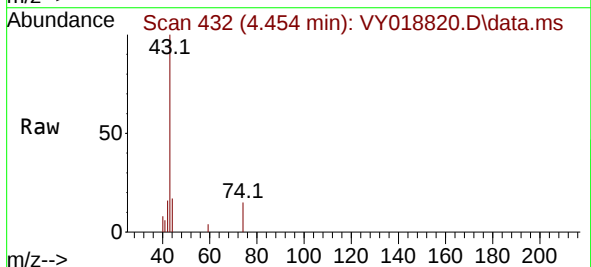
Instrument :
MSVOA_Y
ClientSampleId :
B-120-SB02

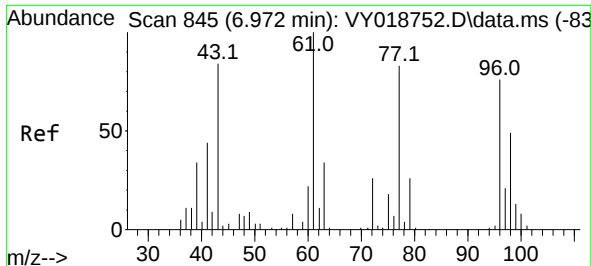
Tgt Ion: 76 Resp: 25195
Ion Ratio Lower Upper
76 100
78 11.8 6.8 10.2#



#18
Methyl Acetate
Concen: 4.349 ug/l
RT: 4.454 min Scan# 432
Delta R.T. -0.012 min
Lab File: VY018820.D
Acq: 15 Jul 2024 18:14

Tgt Ion: 43 Resp: 3827
Ion Ratio Lower Upper
43 100
74 11.2 23.3 34.9#

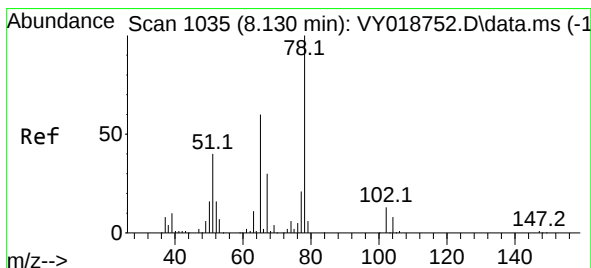
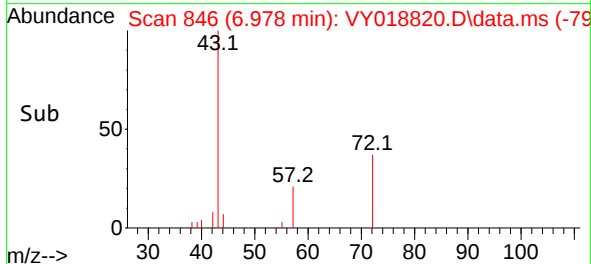
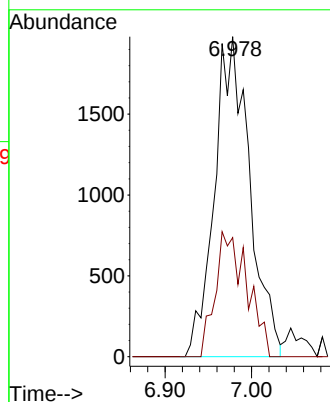
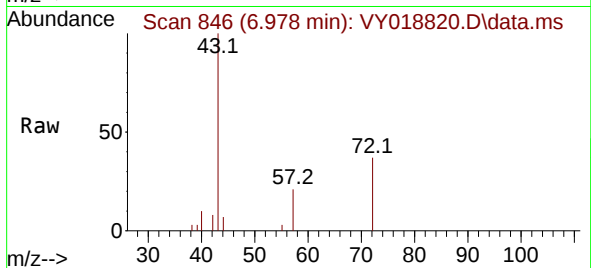




#25
2-Butanone
Concen: 13.157 ug/l
RT: 6.978 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY018820.D
Acq: 15 Jul 2024 18:14

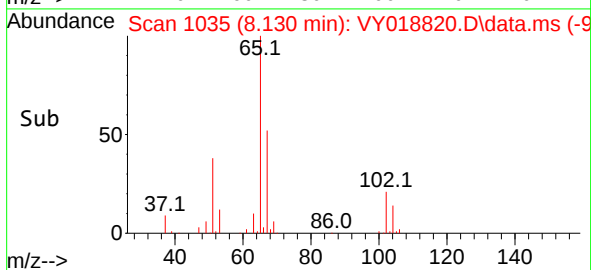
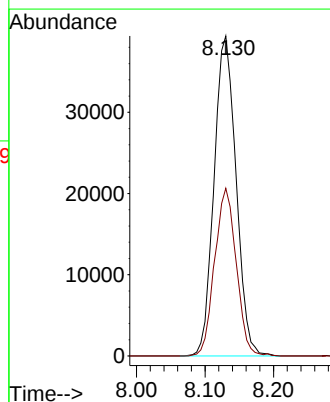
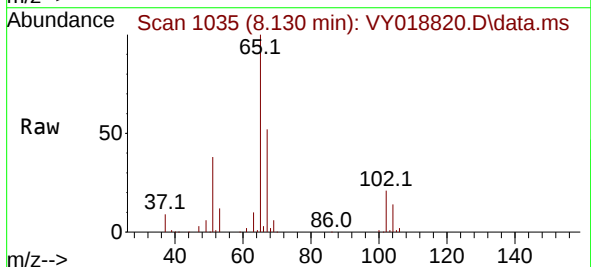
Instrument :
MSVOA_Y
ClientSampleId :
B-120-SB02

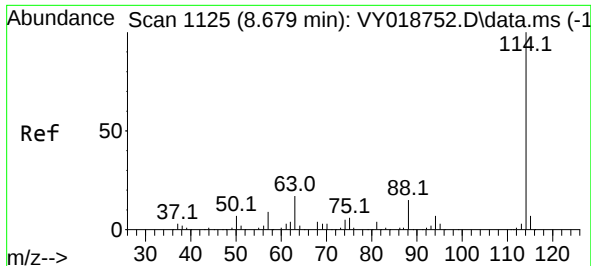
Tgt Ion: 43 Resp: 5585
Ion Ratio Lower Upper
43 100
72 37.2 27.3 40.9



#33
1,2-Dichloroethane-d4
Concen: 53.395 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018820.D
Acq: 15 Jul 2024 18:14

Tgt Ion: 65 Resp: 87707
Ion Ratio Lower Upper
65 100
67 51.4 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: VY018820.D

Acq: 15 Jul 2024 18:14

Instrument :

MSVOA_Y

ClientSampleId :

B-120-SB02

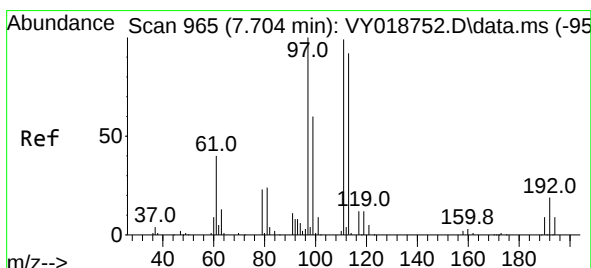
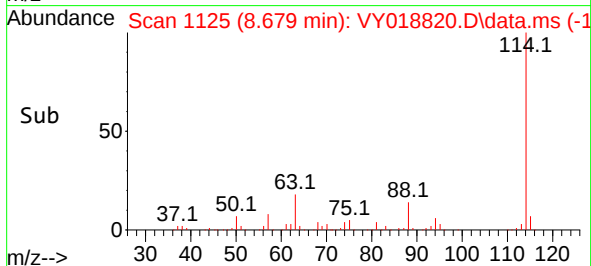
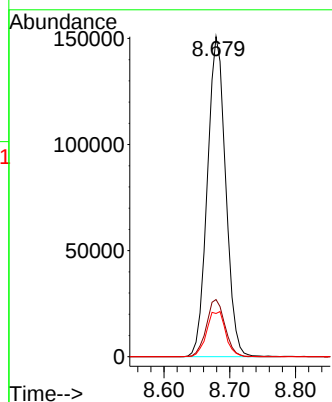
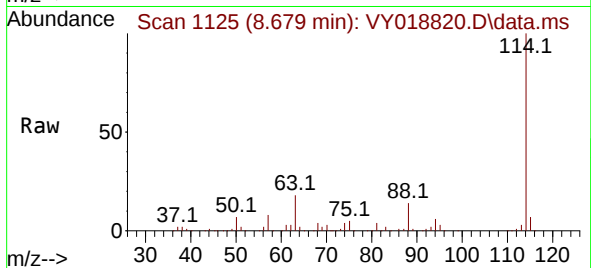
Tgt Ion:114 Resp: 292238

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 13.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.290 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018820.D

Acq: 15 Jul 2024 18:14

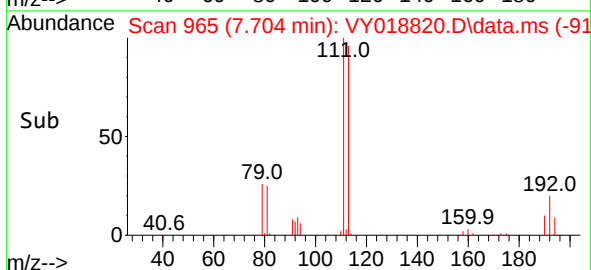
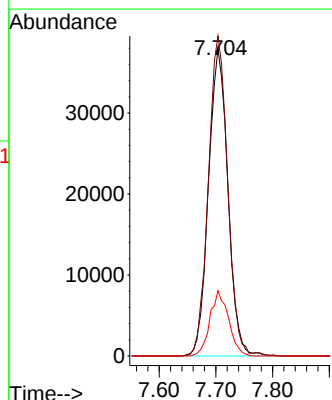
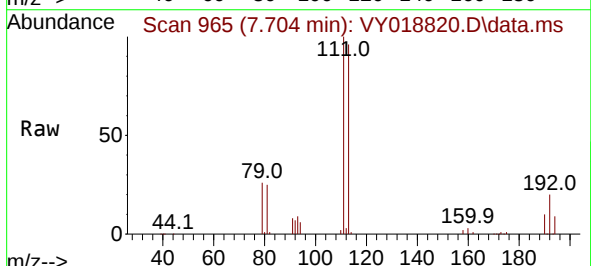
Tgt Ion:113 Resp: 90217

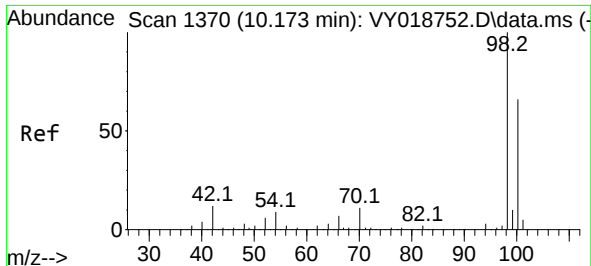
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 20.3 15.9 23.9

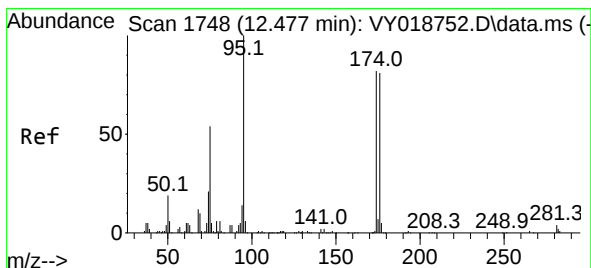
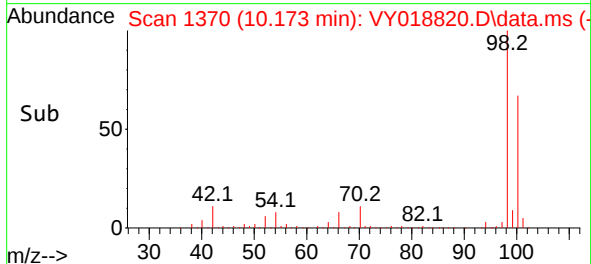
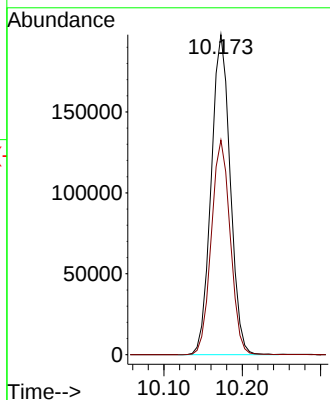
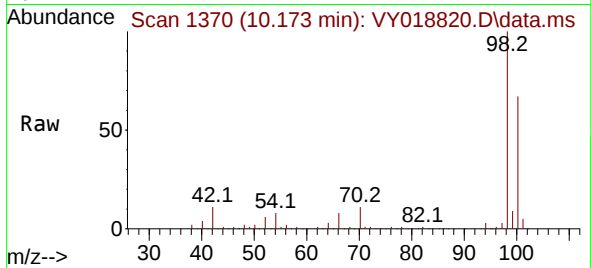




#50
Toluene-d8
Concen: 48.163 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018820.D
Acq: 15 Jul 2024 18:14

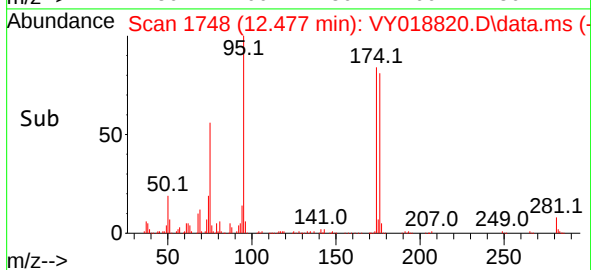
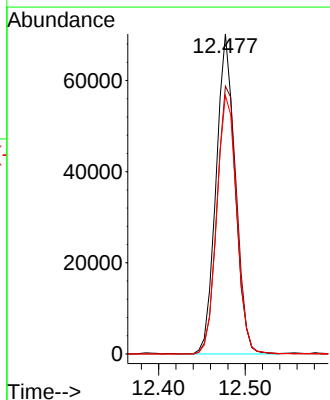
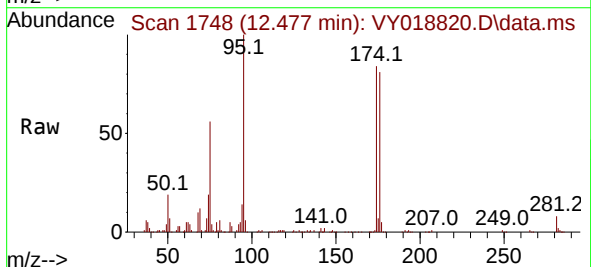
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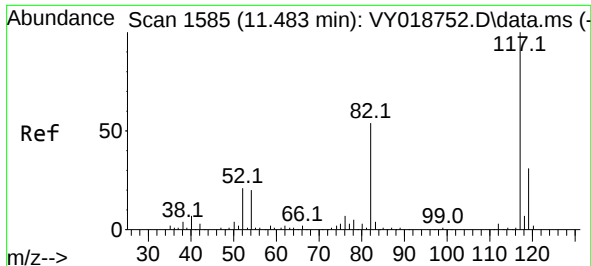
Tgt Ion: 98 Resp: 333983
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.982 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018820.D
Acq: 15 Jul 2024 18:14

Tgt Ion: 95 Resp: 106523
Ion Ratio Lower Upper
95 100
174 88.8 0.0 175.6
176 84.8 0.0 171.4

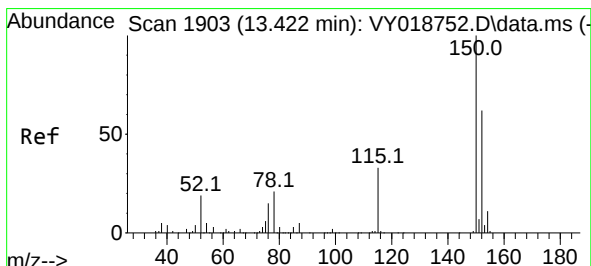
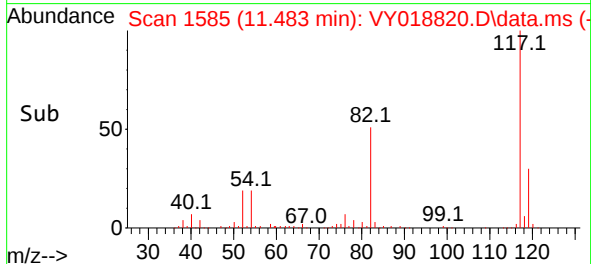
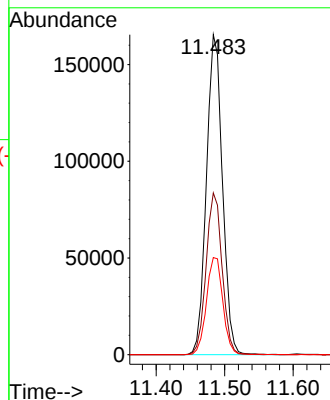
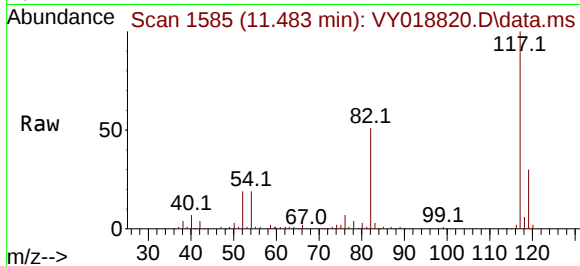




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY018820.D
Acq: 15 Jul 2024 18:14

Instrument :
MSVOA_Y
ClientSampleId :
B-120-SB02

Tgt Ion:117 Resp: 269088
Ion Ratio Lower Upper
117 100
82 50.6 42.4 63.6
119 30.4 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: VY018820.D
Acq: 15 Jul 2024 18:14

Tgt Ion:152 Resp: 102713
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 159.5 0.0 345.6

