

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018800.D
 Acq On : 12 Jul 2024 16:16
 Operator : SY/MD
 Sample : P3211-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-07102024

Quant Time: Jul 12 23:41:06 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	6518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	9462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	6666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	1565	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2632	41.036	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.080%
35) Dibromofluoromethane	7.710	113	3346	56.461	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.920%
50) Toluene-d8	10.179	98	10426	46.437	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.880%
62) 4-Bromofluorobenzene	12.477	95	1983	25.862	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	51.720%

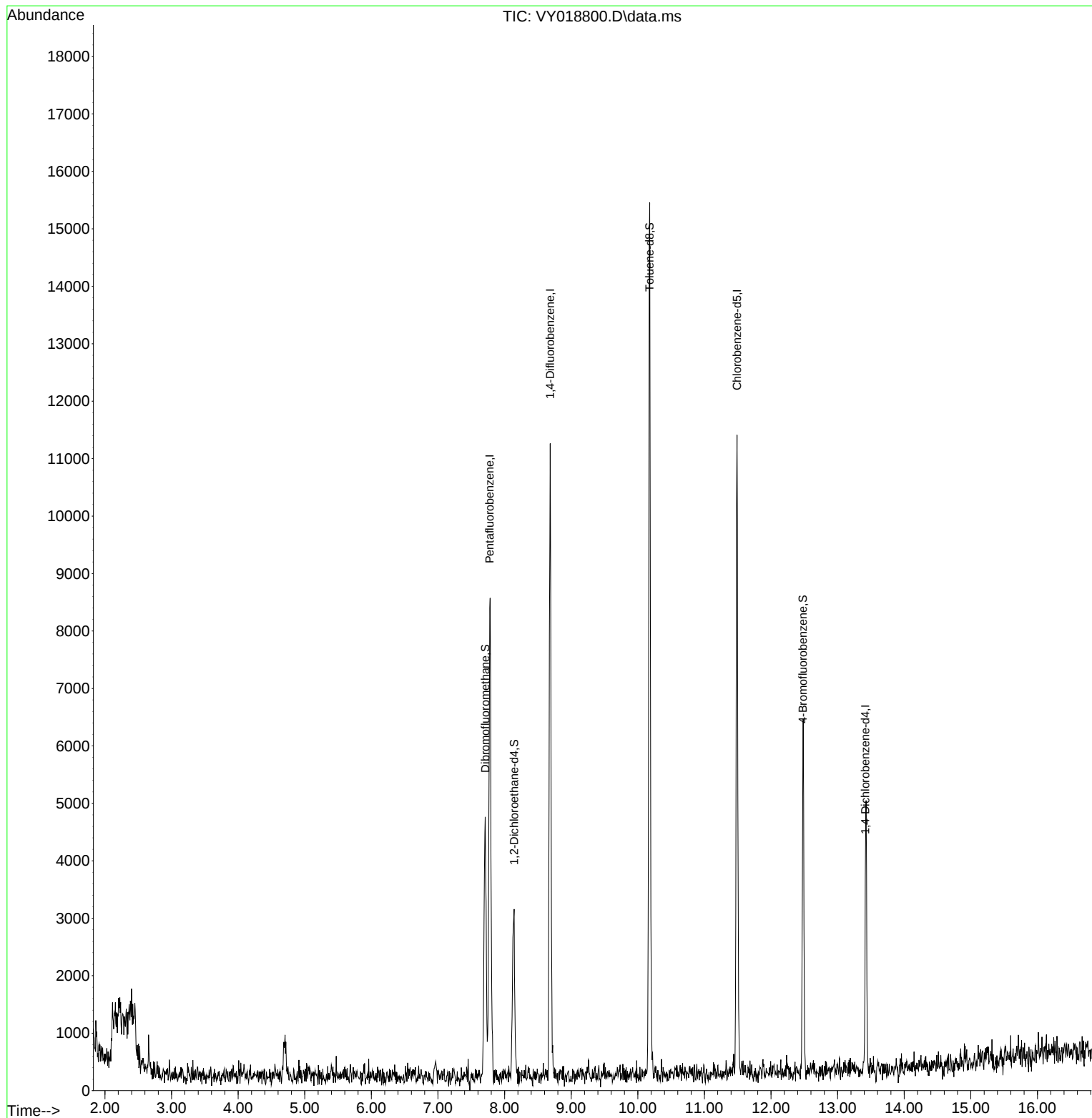
Target Compounds	Qvalue

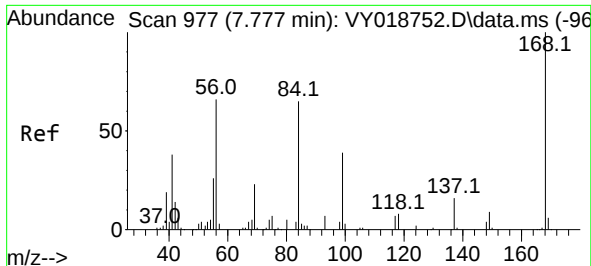
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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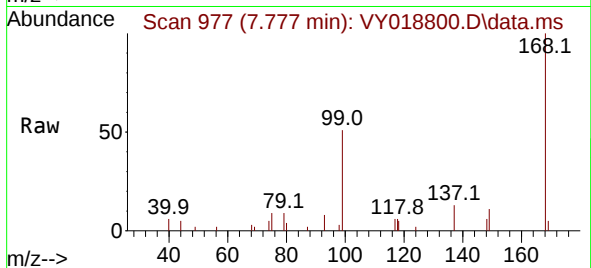
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
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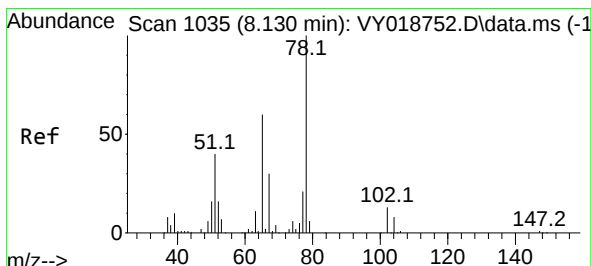
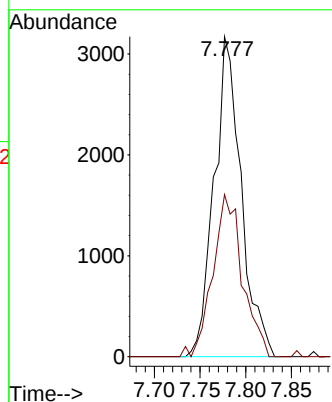
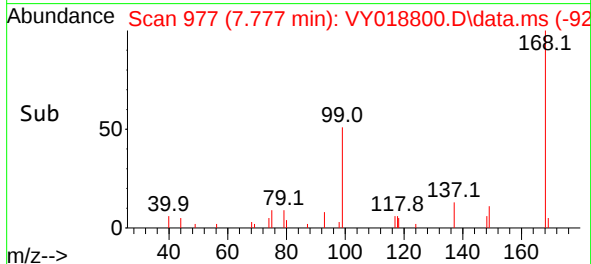


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018800.D
Acq: 12 Jul 2024 16:16

Instrument :
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ClientSampleId :
TR-04-07102024

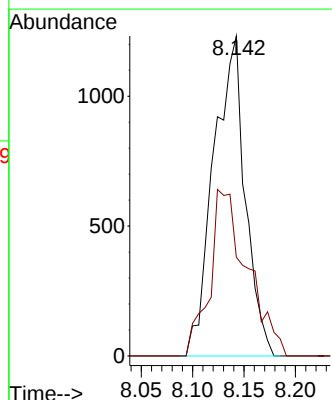
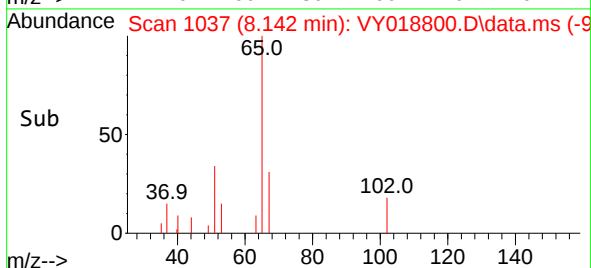
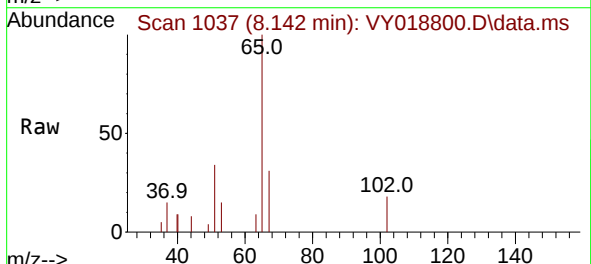


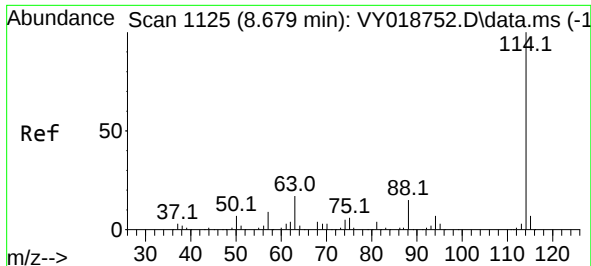
Tgt Ion:168 Resp: 6518
Ion Ratio Lower Upper
168 100
99 50.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 41.036 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.012 min
Lab File: VY018800.D
Acq: 12 Jul 2024 16:16

Tgt Ion: 65 Resp: 2632
Ion Ratio Lower Upper
65 100
67 61.6 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: VY018800.D

Acq: 12 Jul 2024 16:16

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-07102024

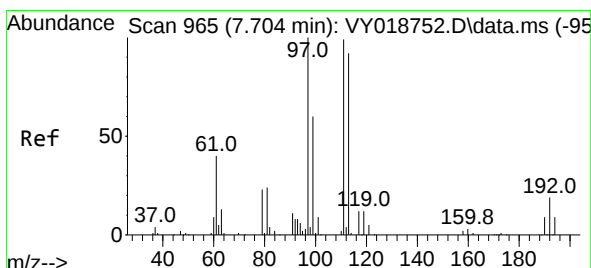
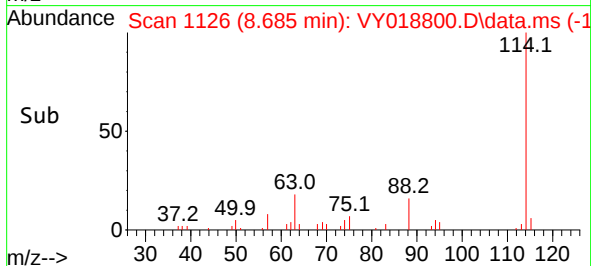
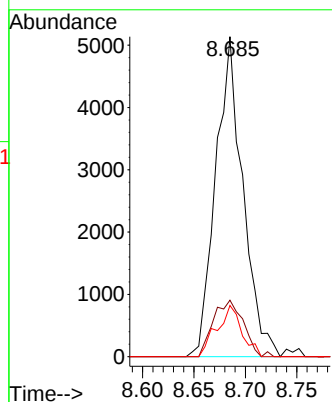
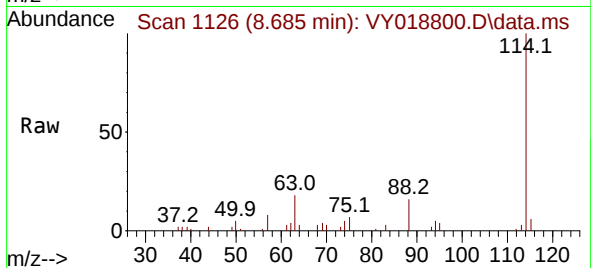
Tgt Ion:114 Resp: 9462

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 16.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.461 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018800.D

Acq: 12 Jul 2024 16:16

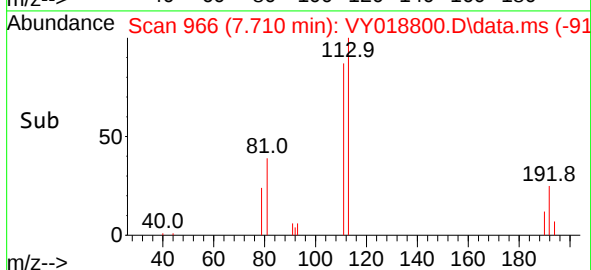
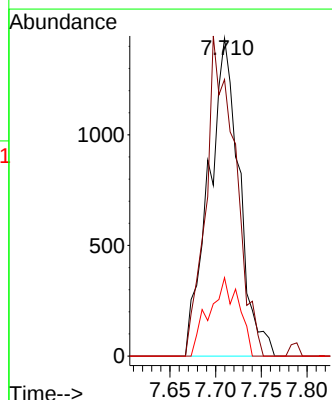
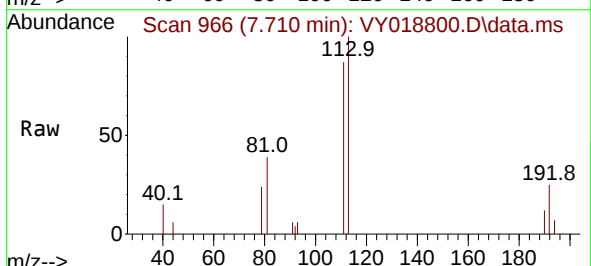
Tgt Ion:113 Resp: 3346

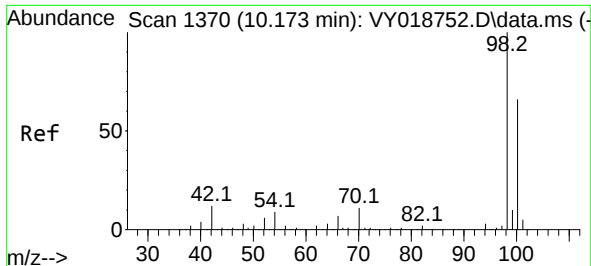
Ion Ratio Lower Upper

113 100

111 96.3 82.2 123.4

192 23.9 15.9 23.9

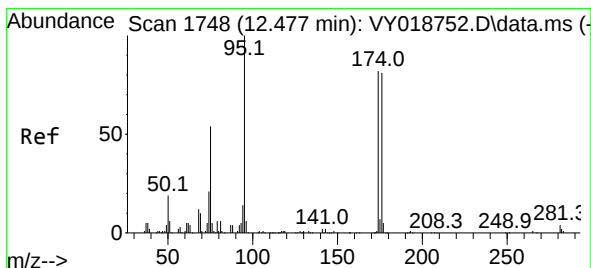
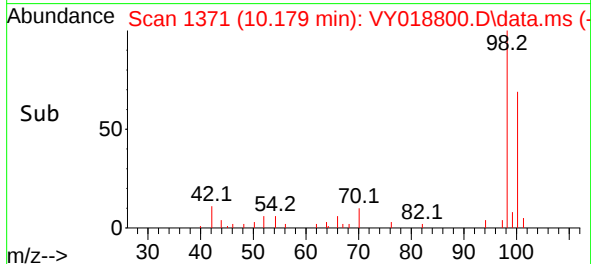
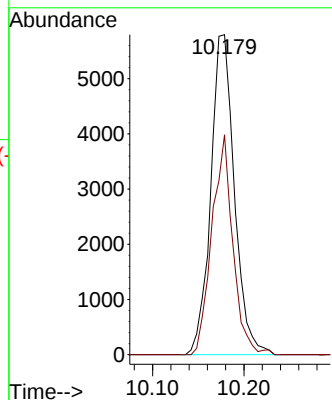
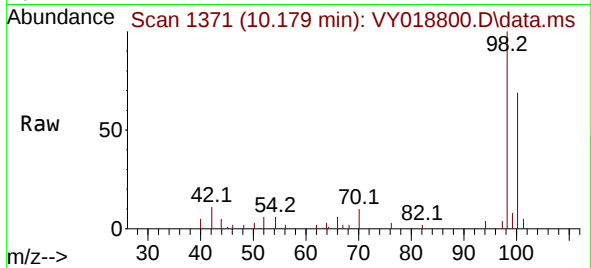




#50
Toluene-d8
Concen: 46.437 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018800.D
Acq: 12 Jul 2024 16:16

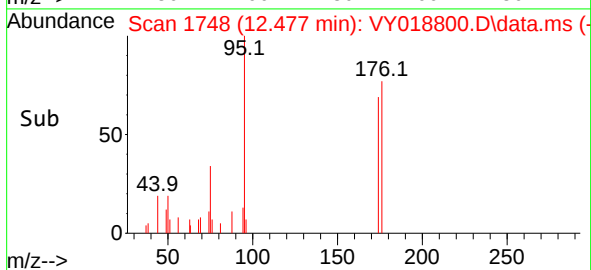
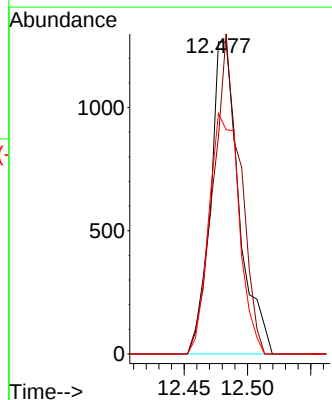
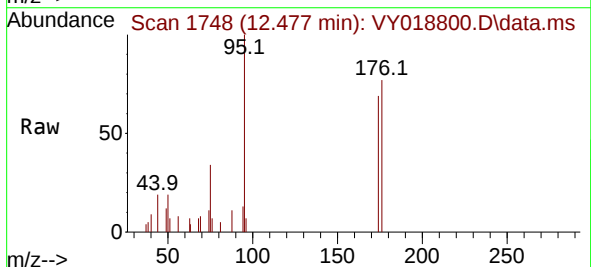
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-07102024

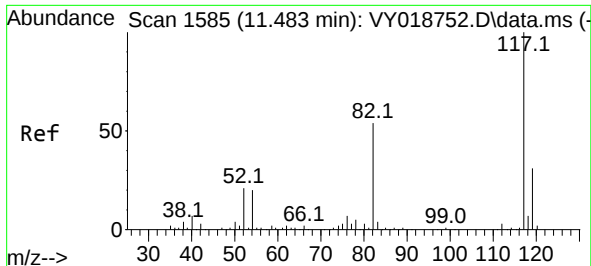
Tgt Ion: 98 Resp: 10426
Ion Ratio Lower Upper
98 100
100 60.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 25.862 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018800.D
Acq: 12 Jul 2024 16:16

Tgt Ion: 95 Resp: 1983
Ion Ratio Lower Upper
95 100
174 96.1 0.0 175.6
176 81.7 0.0 171.4

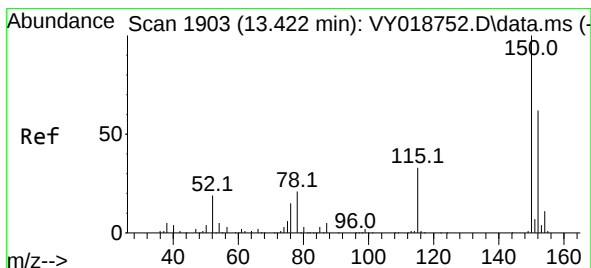
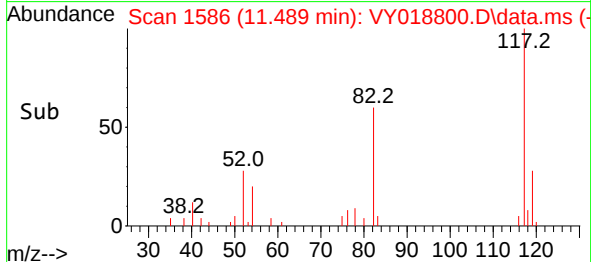
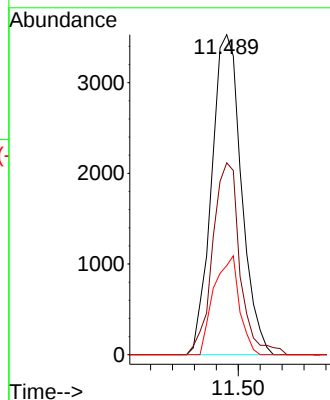
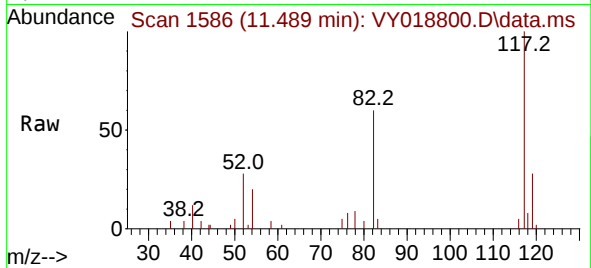




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018800.D
Acq: 12 Jul 2024 16:16

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-07102024

Tgt Ion:117	Resp:	6666
Ion Ratio	Lower	Upper
117	100	
82	60.0	42.4 63.6
119	27.8	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.416 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VY018800.D
Acq: 12 Jul 2024 16:16

Tgt Ion:152	Resp:	1565
Ion Ratio	Lower	Upper
152	100	
115	53.4	28.2 84.7
150	156.2	0.0 345.6

