

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071524\
 Data File : VY018815.D
 Acq On : 15 Jul 2024 16:12
 Operator : SY/MD
 Sample : P3211-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-07102024RE

Quant Time: Jul 15 17:04:53 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	65794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	115389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	105996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45931	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	35988	55.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.180%
35) Dibromofluoromethane	7.704	113	37803	52.308	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.620%
50) Toluene-d8	10.173	98	132622	48.437	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.880%
62) 4-Bromofluorobenzene	12.477	95	44869	47.986	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.980%

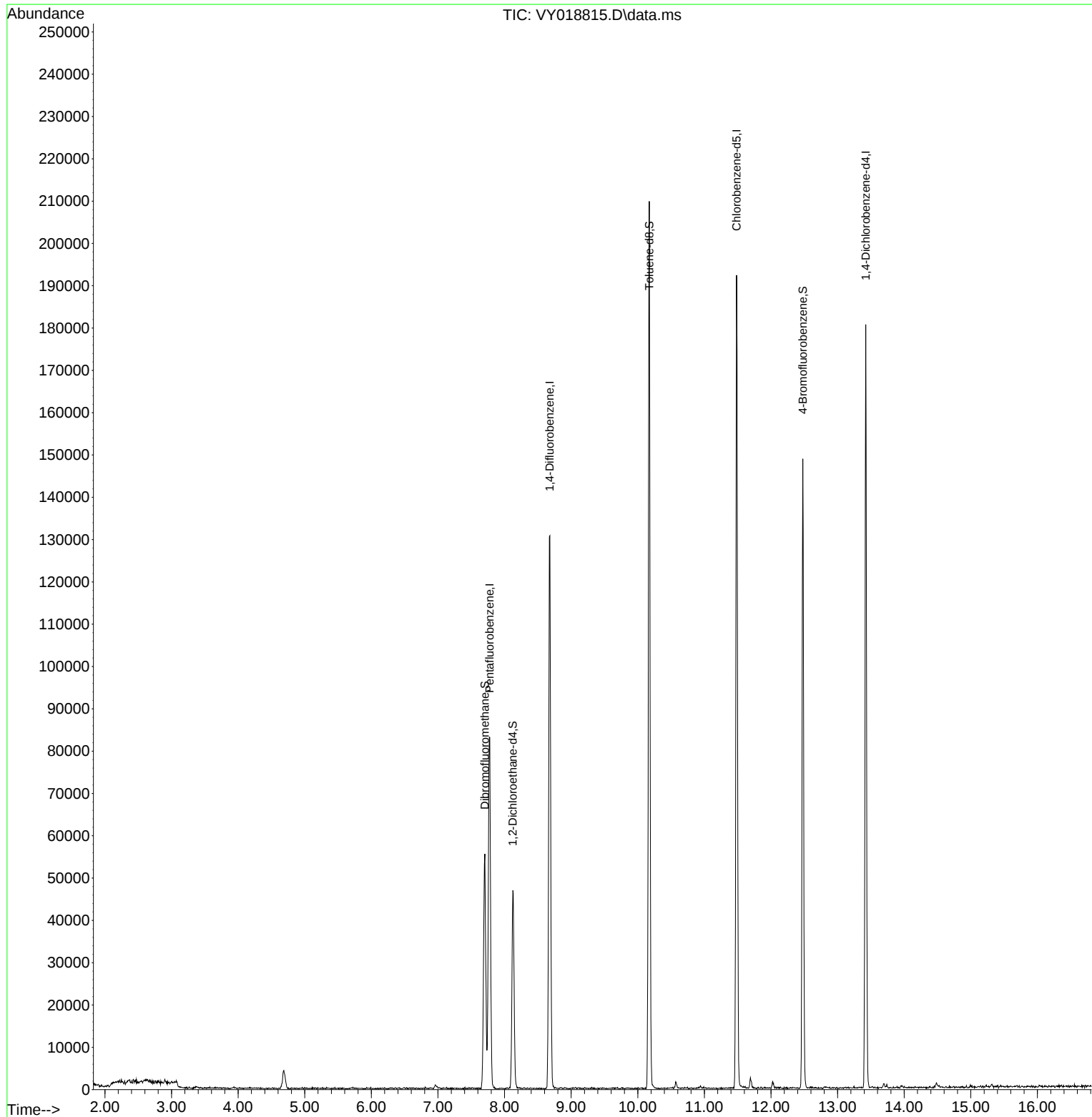
Target Compounds	Qvalue

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

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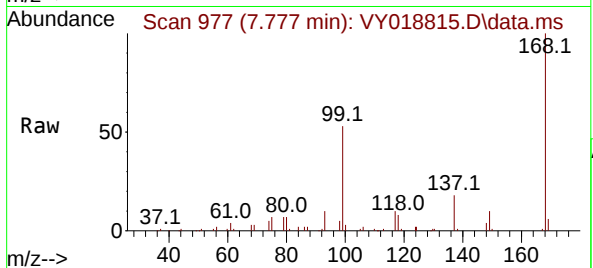
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
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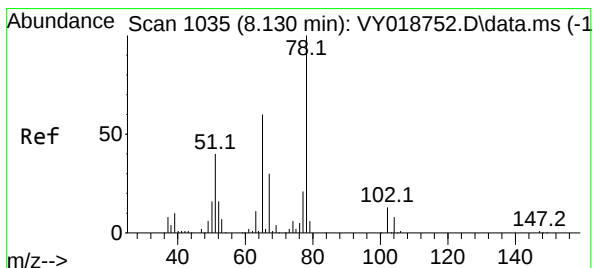
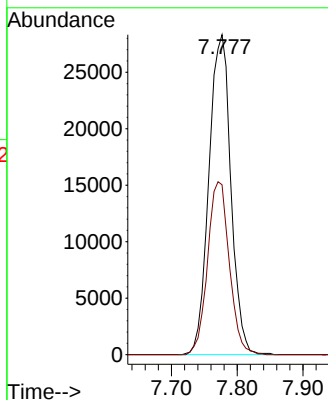
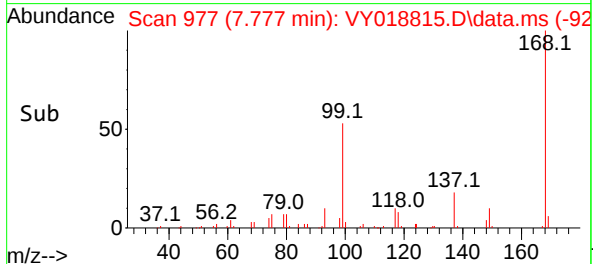


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018815.D
Acq: 15 Jul 2024 16:12

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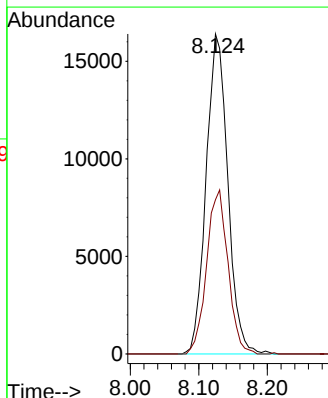
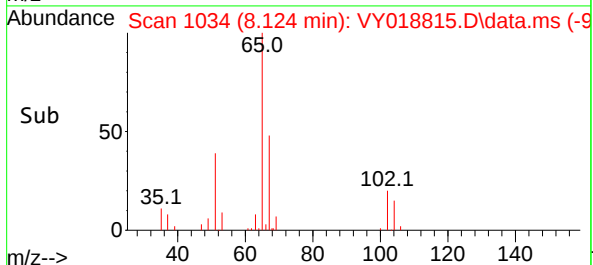
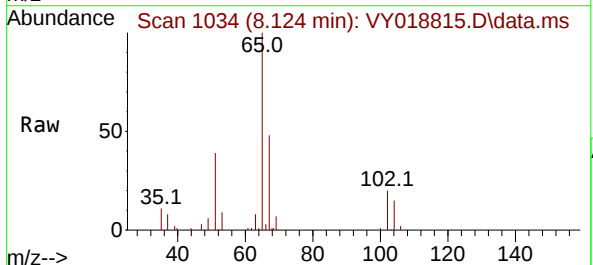


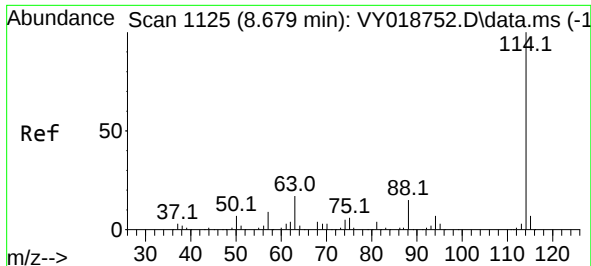
Tgt Ion:168 Resp: 65794
Ion Ratio Lower Upper
168 100
99 53.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 55.586 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VY018815.D
Acq: 15 Jul 2024 16:12

Tgt Ion: 65 Resp: 35988
Ion Ratio Lower Upper
65 100
67 50.6 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: VY018815.D

Acq: 15 Jul 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-07102024RE

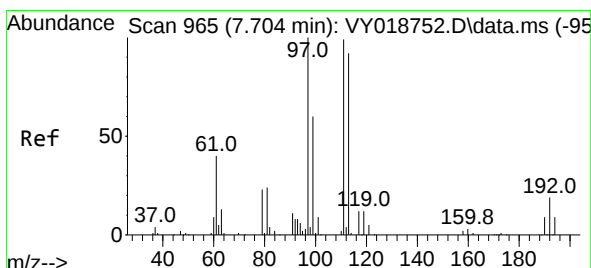
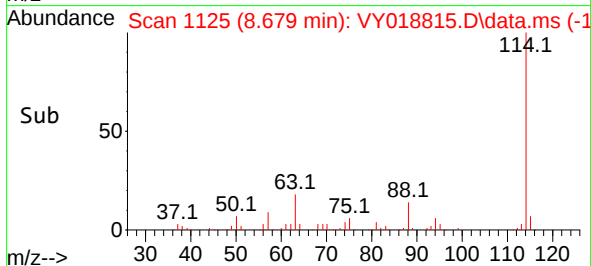
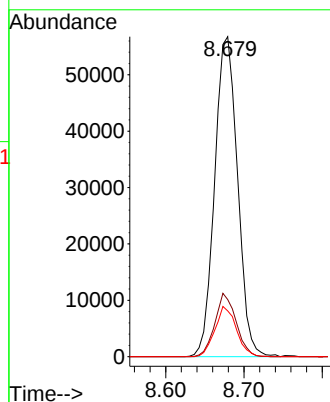
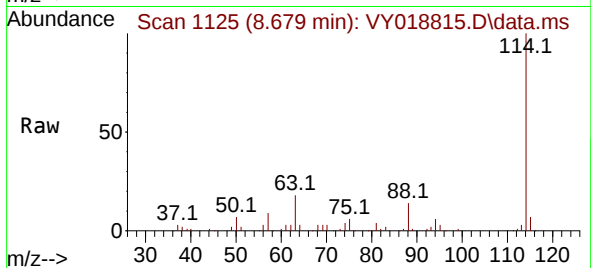
Tgt Ion:114 Resp: 115389

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.308 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018815.D

Acq: 15 Jul 2024 16:12

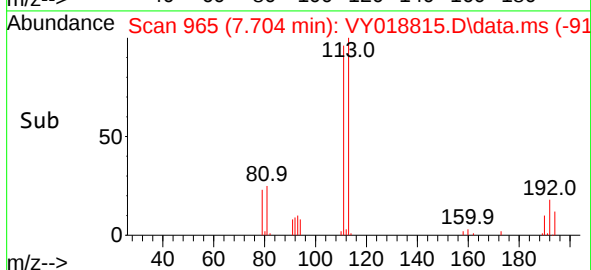
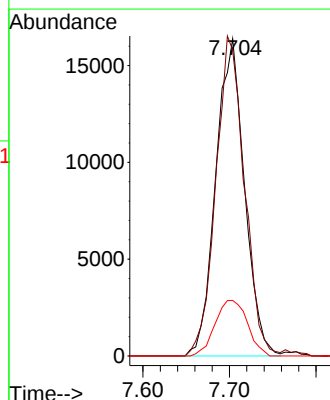
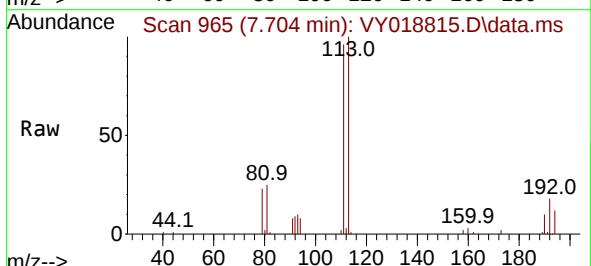
Tgt Ion:113 Resp: 37803

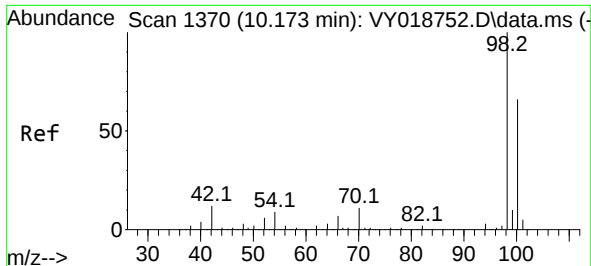
Ion Ratio Lower Upper

113 100

111 99.8 82.2 123.4

192 19.7 15.9 23.9

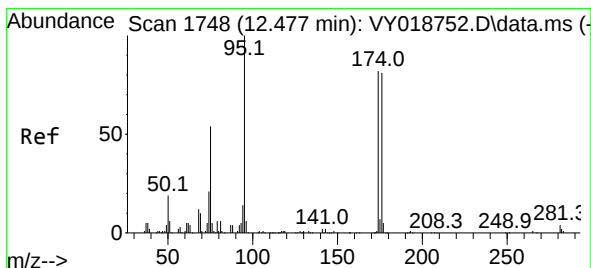
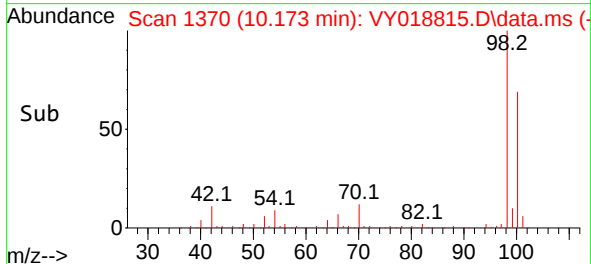
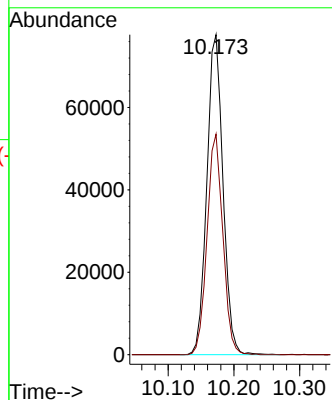
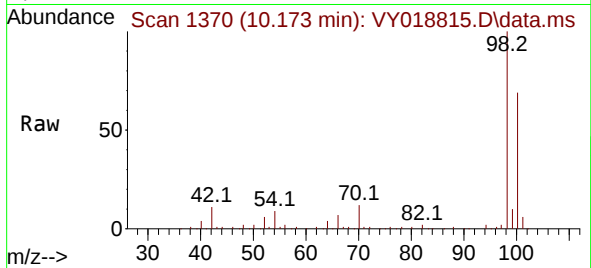




#50
Toluene-d8
Concen: 48.437 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018815.D
Acq: 15 Jul 2024 16:12

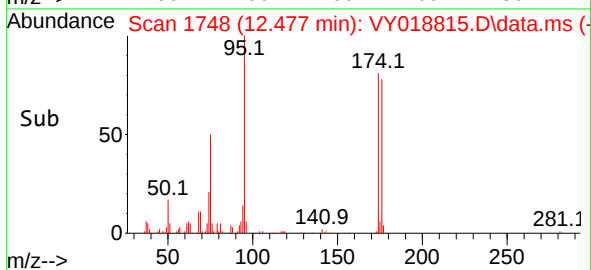
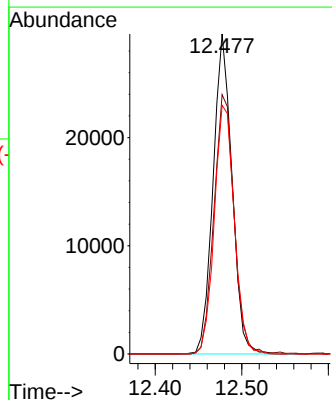
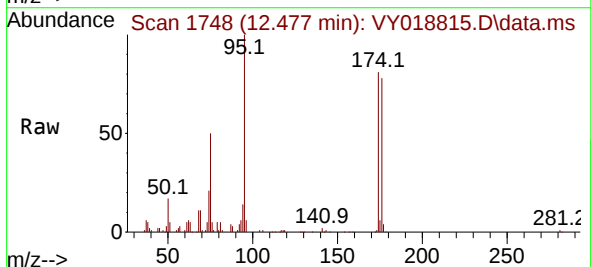
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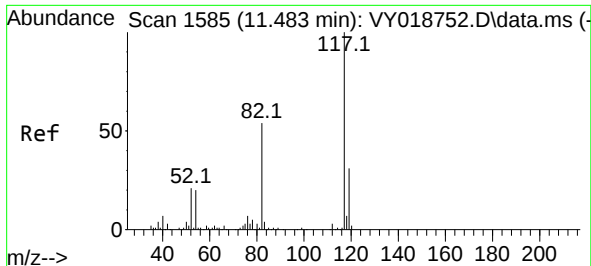
Tgt Ion: 98 Resp: 132622
Ion Ratio Lower Upper
98 100
100 67.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.986 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018815.D
Acq: 15 Jul 2024 16:12

Tgt Ion: 95 Resp: 44869
Ion Ratio Lower Upper
95 100
174 85.6 0.0 175.6
176 82.2 0.0 171.4

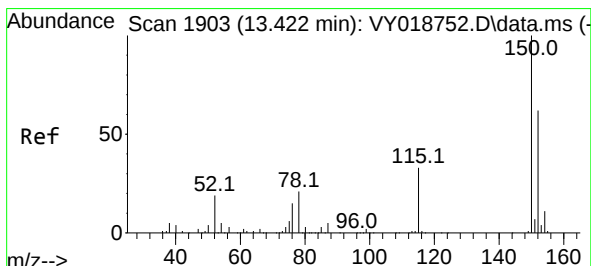
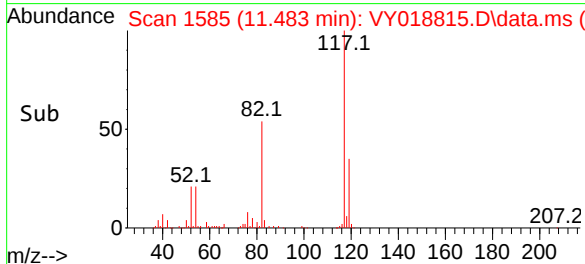
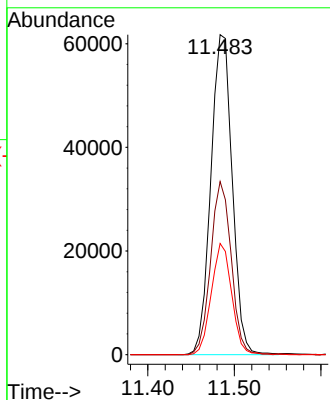
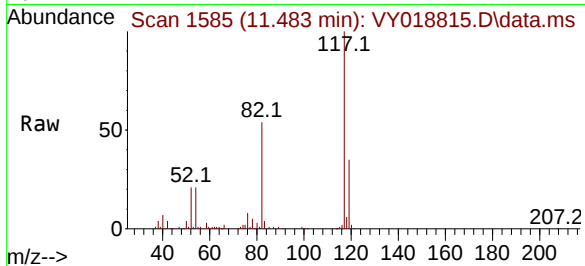




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018815.D
Acq: 15 Jul 2024 16:12

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-07102024RE

Tgt Ion:117 Resp: 105996
Ion Ratio Lower Upper
117 100
82 54.1 42.4 63.6
119 34.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018815.D
Acq: 15 Jul 2024 16:12

Tgt Ion:152 Resp: 45931
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 154.5 0.0 345.6

