

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062124\
 Data File : VY018667.D
 Acq On : 21 Jun 2024 14:09
 Operator : SY/MD
 Sample : P2997-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-062024

Quant Time: Jun 21 23:00:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	49269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	87787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	76829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	29143	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	24414	49.218	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.440%
35) Dibromofluoromethane	7.703	113	28151	52.568	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.140%
50) Toluene-d8	10.173	98	100529	48.815	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.620%
62) 4-Bromofluorobenzene	12.477	95	27709	42.609	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.220%

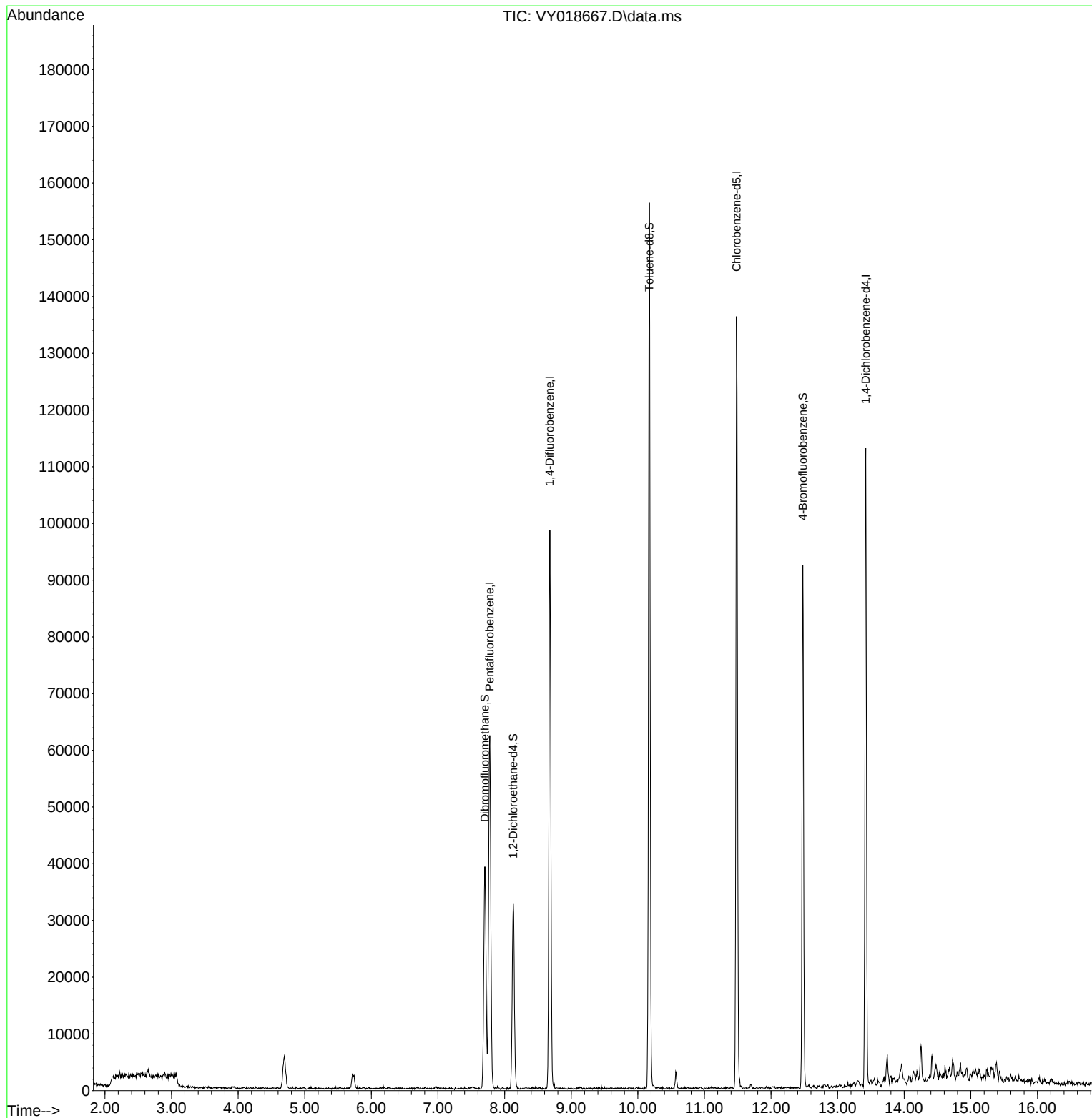
Target Compounds	Qvalue

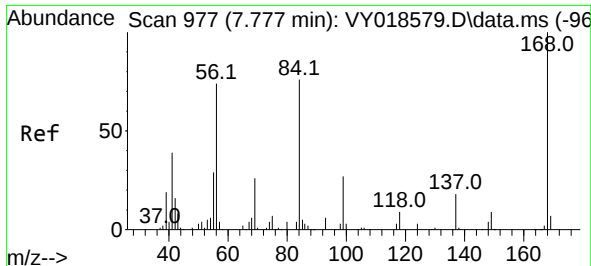
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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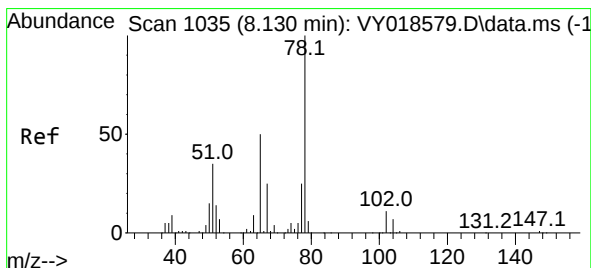
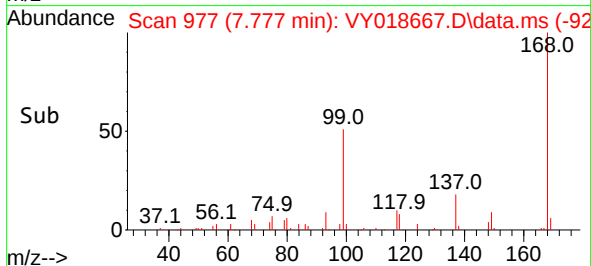
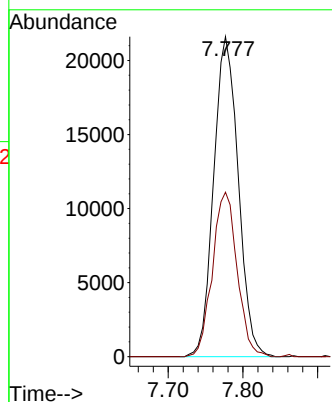
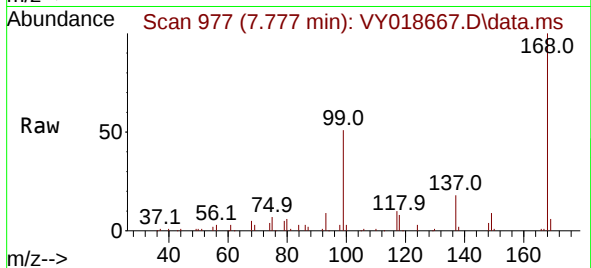




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018667.D
Acq: 21 Jun 2024 14:09

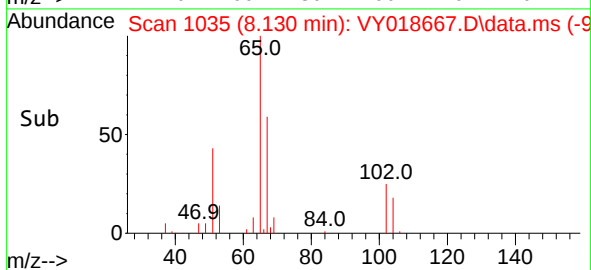
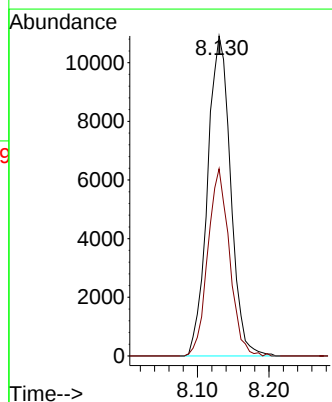
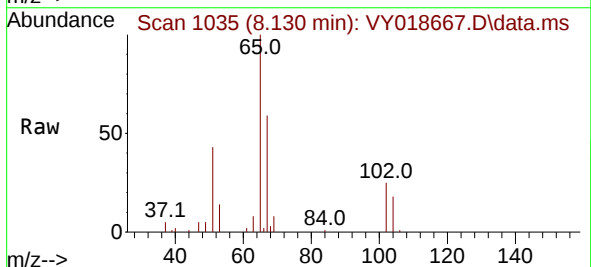
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-062024

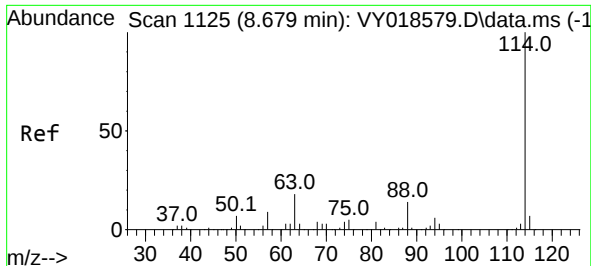
Tgt Ion:168 Resp: 49269
Ion Ratio Lower Upper
168 100
99 51.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 49.218 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018667.D
Acq: 21 Jun 2024 14:09

Tgt Ion: 65 Resp: 24414
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.6

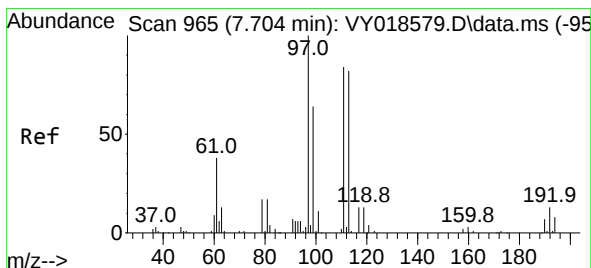
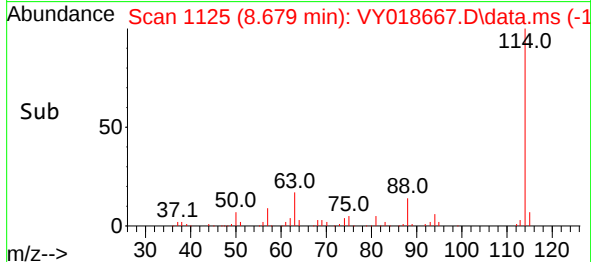
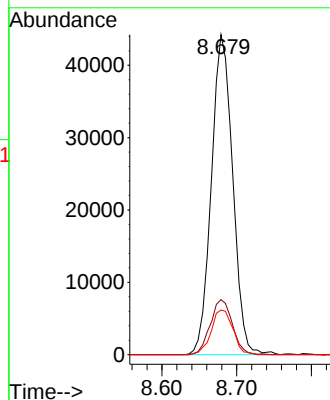
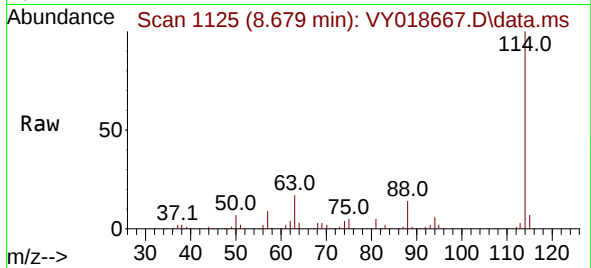




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VY018667.D
Acq: 21 Jun 2024 14:09

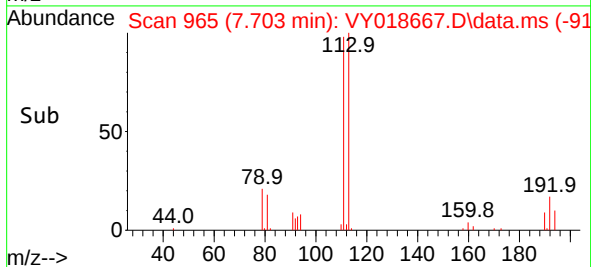
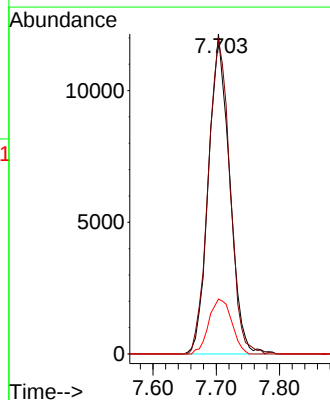
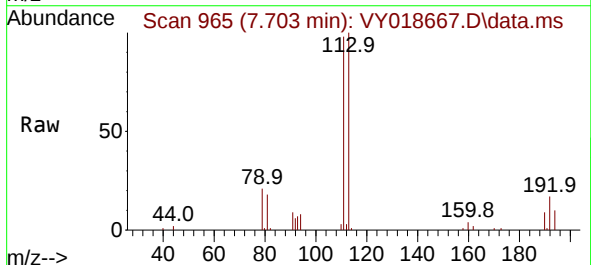
Instrument :
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ClientSampleId :
TR-06-062024

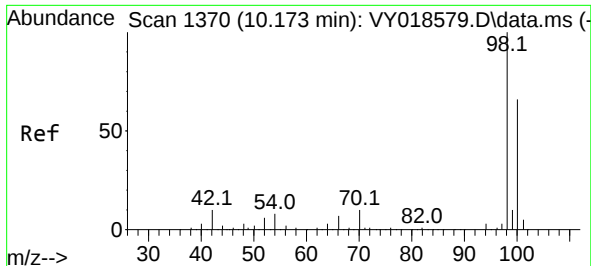
Tgt Ion:114 Resp: 87787
Ion Ratio Lower Upper
114 100
63 17.2 0.0 35.0
88 13.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.568 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY018667.D
Acq: 21 Jun 2024 14:09

Tgt Ion:113 Resp: 28151
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 18.6 15.9 23.9

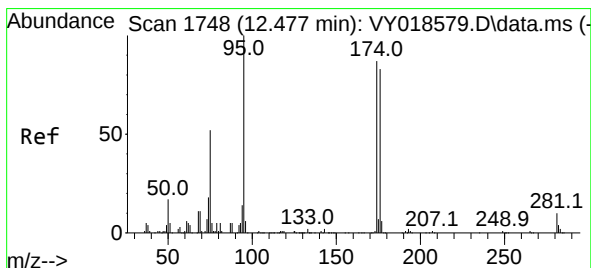
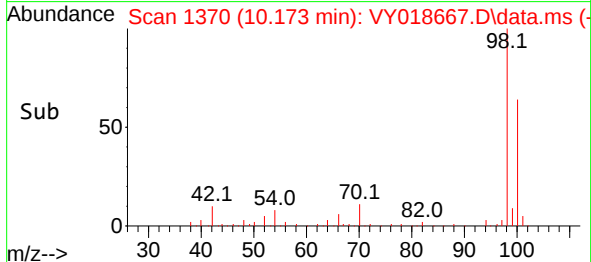
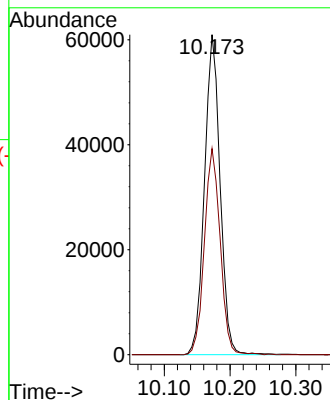
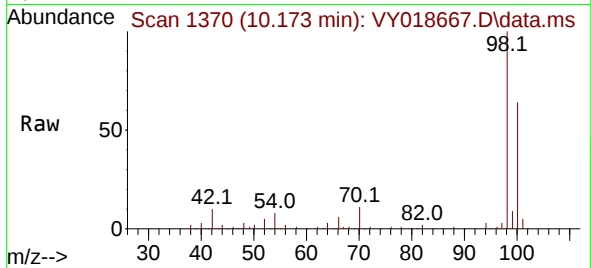




#50
Toluene-d8
Concen: 48.815 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018667.D
Acq: 21 Jun 2024 14:09

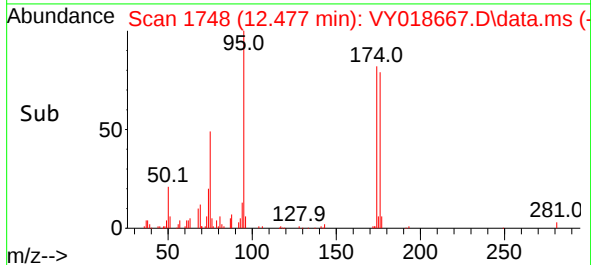
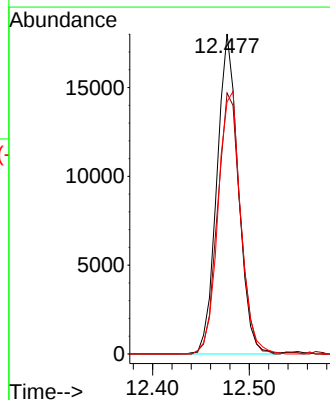
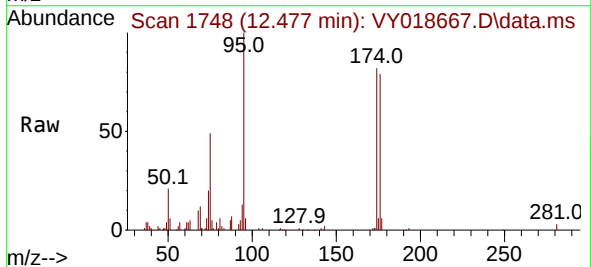
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-062024

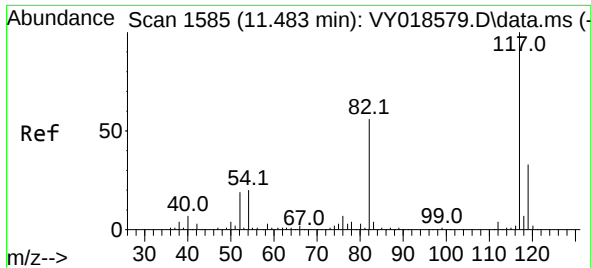
Tgt Ion: 98 Resp: 100529
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.609 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018667.D
Acq: 21 Jun 2024 14:09

Tgt Ion: 95 Resp: 27709
Ion Ratio Lower Upper
95 100
174 86.4 0.0 175.6
176 86.8 0.0 171.4

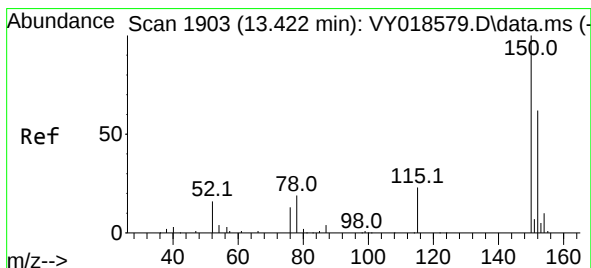
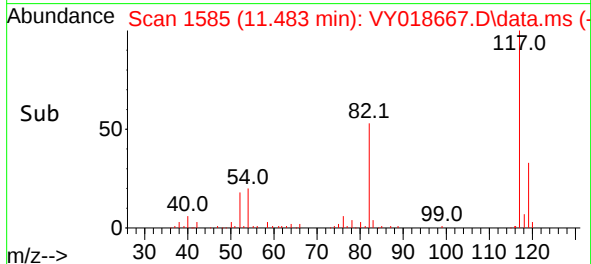
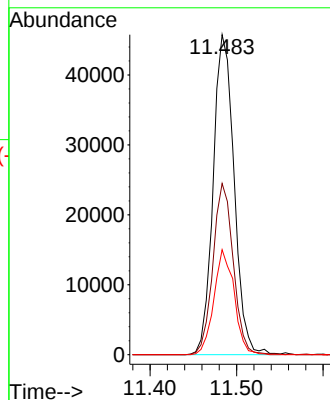
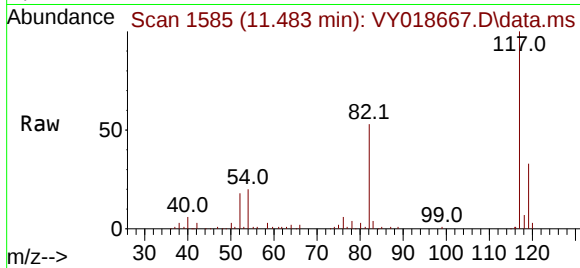




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018667.D
Acq: 21 Jun 2024 14:09

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-062024

Tgt Ion:117 Resp: 76829
Ion Ratio Lower Upper
117 100
82 53.5 42.4 63.6
119 32.8 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: VY018667.D
Acq: 21 Jun 2024 14:09

Tgt Ion:152 Resp: 29143
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 156.5 0.0 345.6

