

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061324\
 Data File : VY018582.D
 Acq On : 13 Jun 2024 18:22
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jun 14 07:13:32 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	122834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	224702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	196141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75520	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	60677	49.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.120%
35) Dibromofluoromethane	7.704	113	68498	49.972	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.940%
50) Toluene-d8	10.173	98	255860	48.538	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.080%
62) 4-Bromofluorobenzene	12.477	95	75549	45.387	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.780%

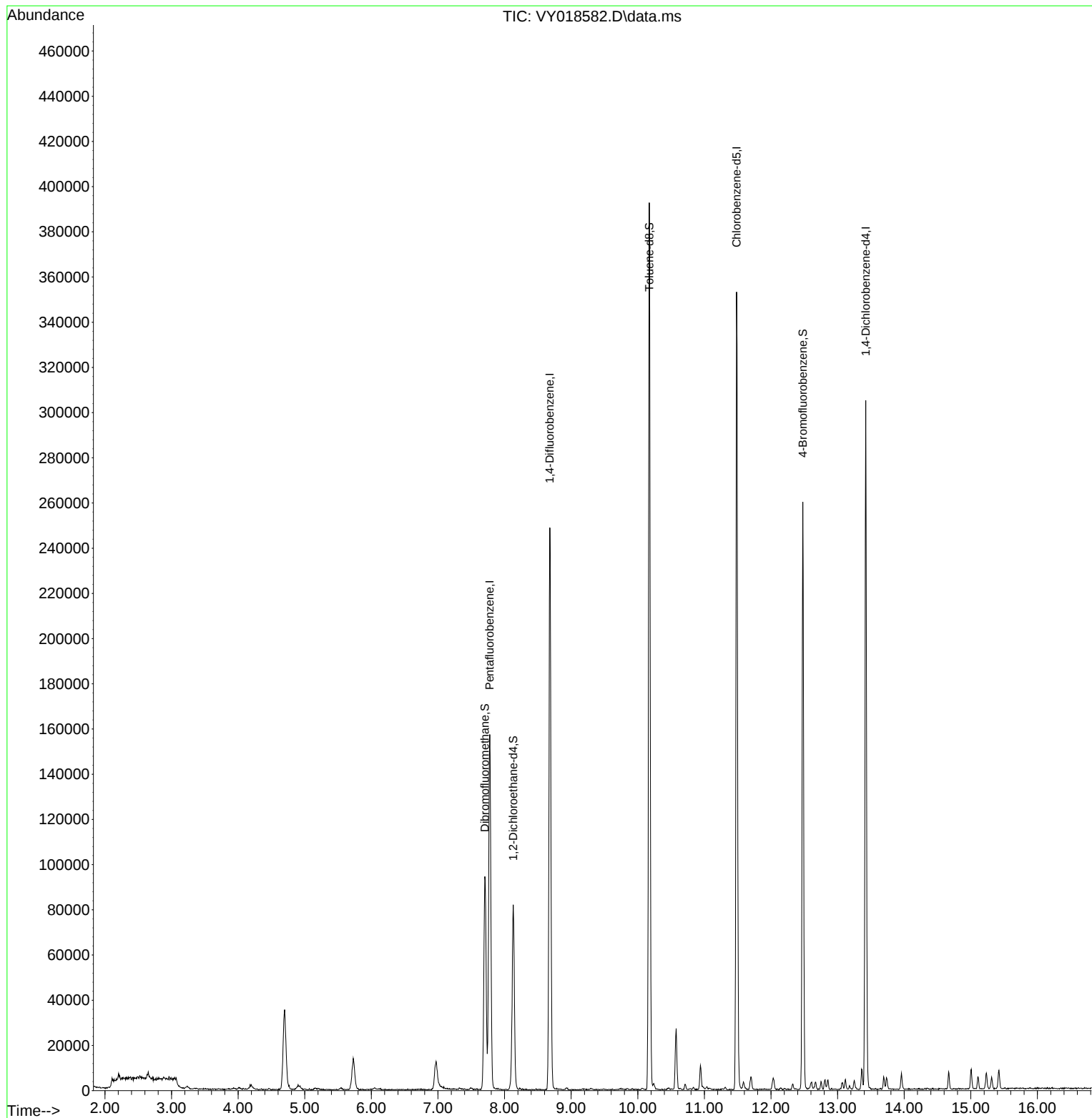
Target Compounds	Qvalue

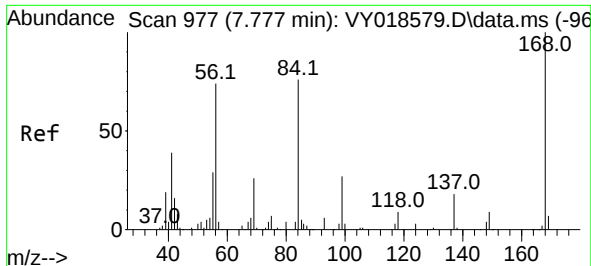
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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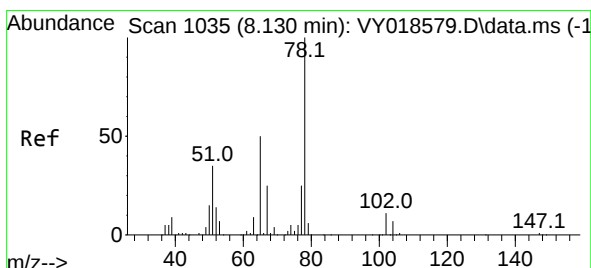
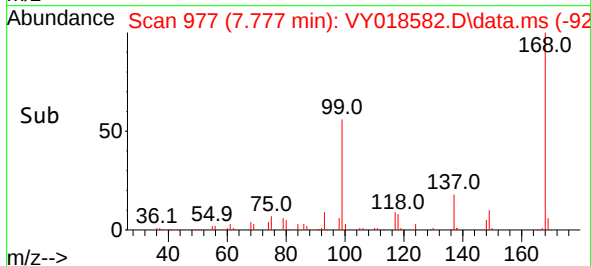
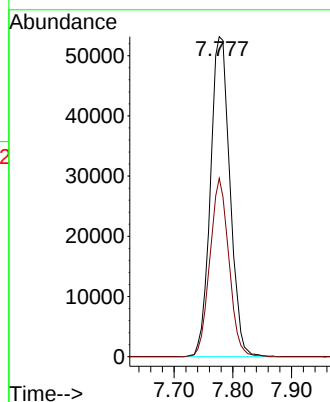
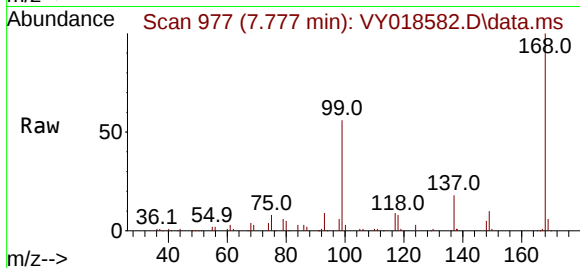




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018582.D
Acq: 13 Jun 2024 18:22

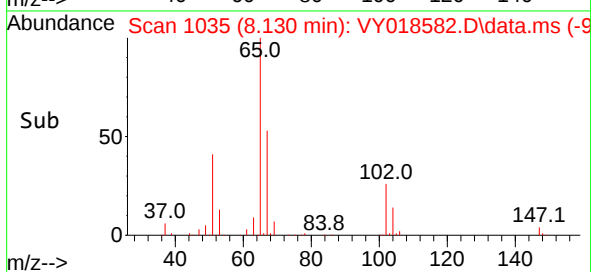
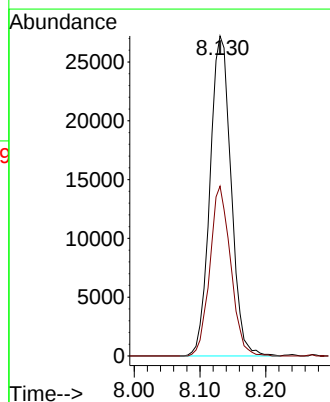
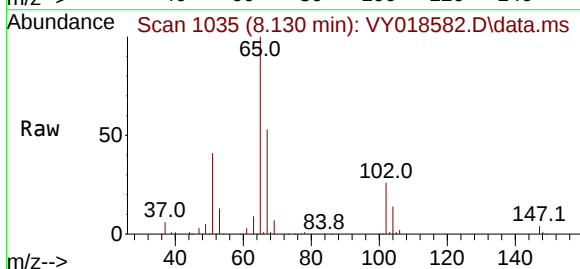
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

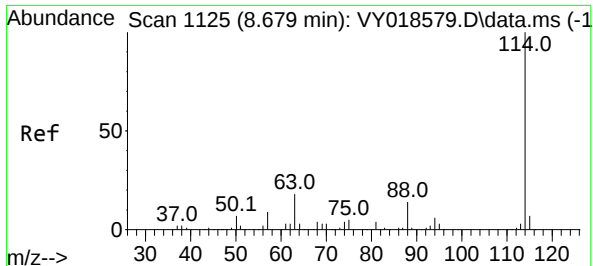
Tgt Ion:168 Resp: 122834
Ion Ratio Lower Upper
168 100
99 55.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 49.064 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018582.D
Acq: 13 Jun 2024 18:22

Tgt Ion: 65 Resp: 60677
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6

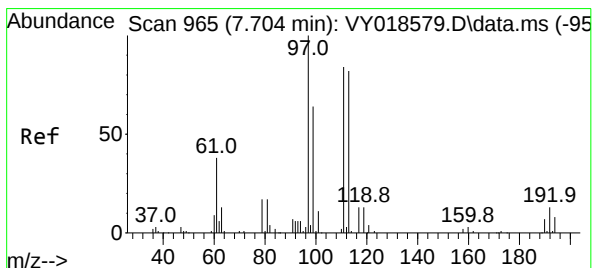
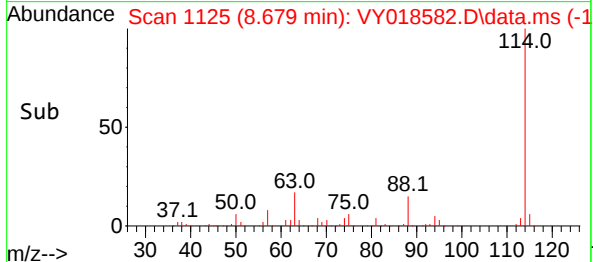
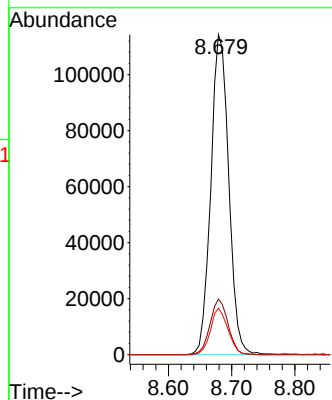
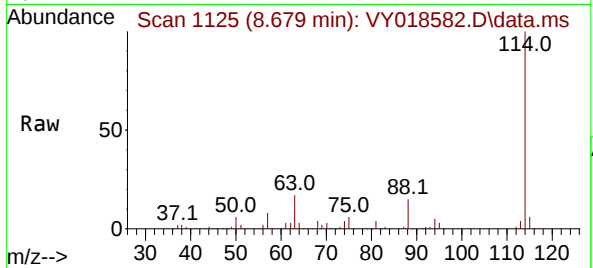




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VY018582.D
Acq: 13 Jun 2024 18:22

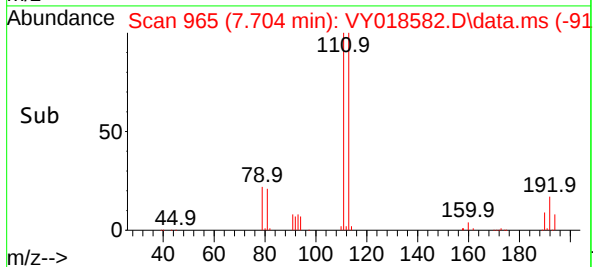
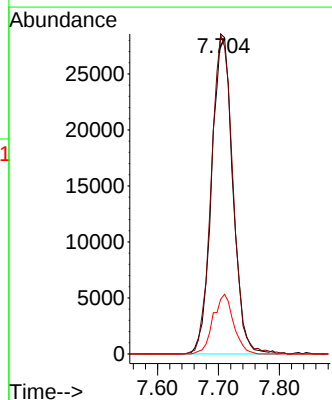
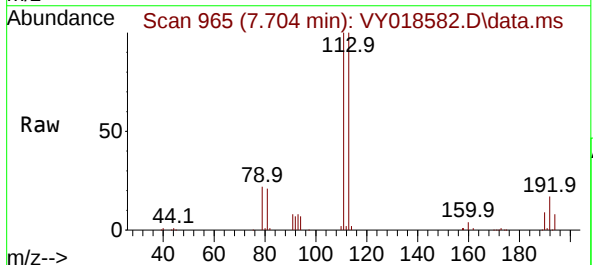
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

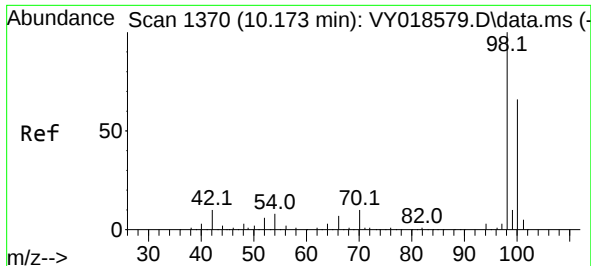
Tgt Ion:114 Resp: 224702
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.0
88 14.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.972 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018582.D
Acq: 13 Jun 2024 18:22

Tgt Ion:113 Resp: 68498
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 18.1 15.9 23.9

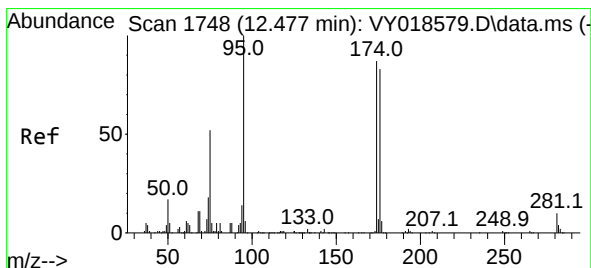
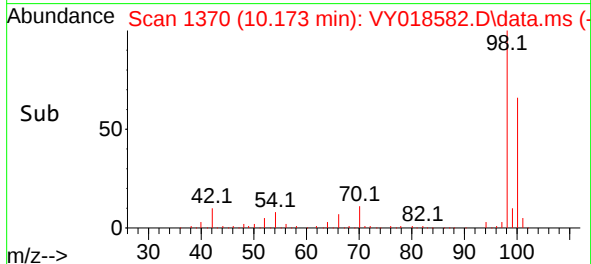
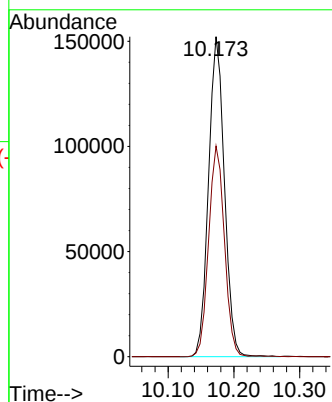
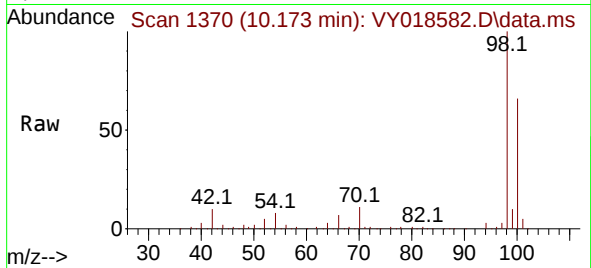




#50
Toluene-d8
Concen: 48.538 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018582.D
Acq: 13 Jun 2024 18:22

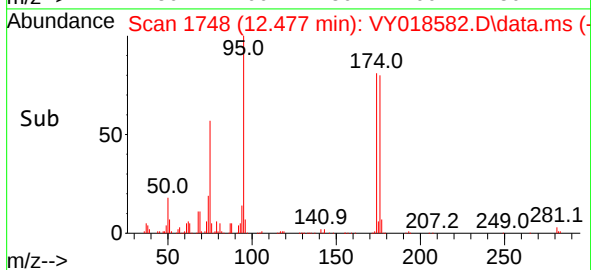
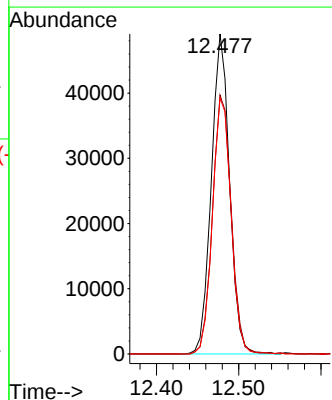
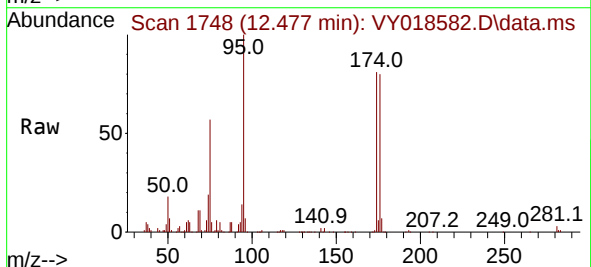
Instrument :
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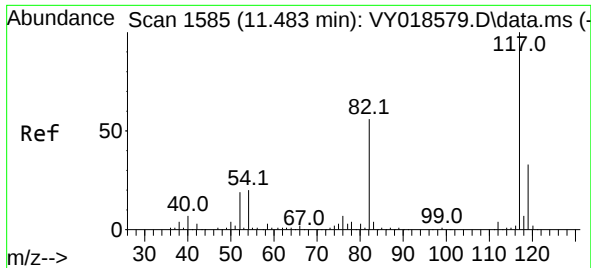
Tgt Ion: 98 Resp: 255860
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.387 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018582.D
Acq: 13 Jun 2024 18:22

Tgt Ion: 95 Resp: 75549
Ion Ratio Lower Upper
95 100
174 83.5 0.0 175.6
176 81.5 0.0 171.4

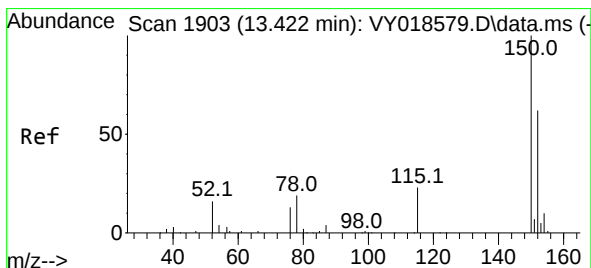
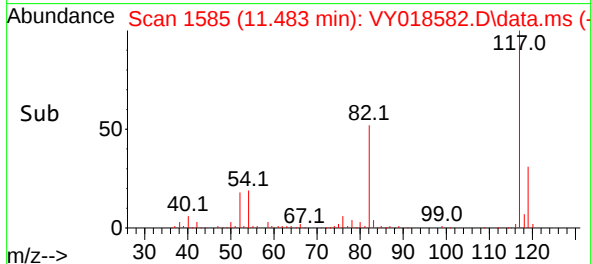
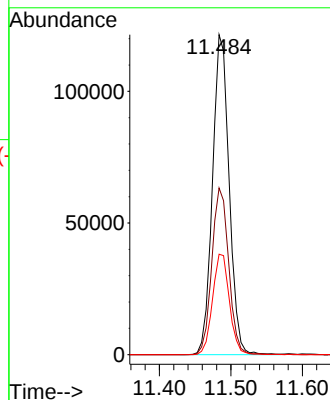
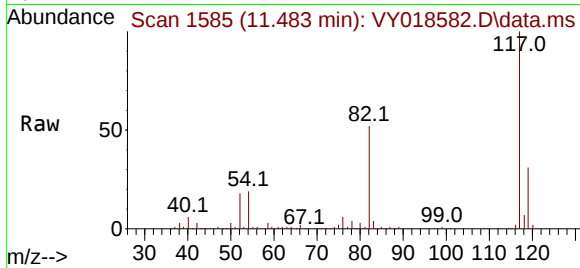




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018582.D
Acq: 13 Jun 2024 18:22

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 196141
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 31.4 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: VY018582.D
Acq: 13 Jun 2024 18:22

Tgt Ion:152 Resp: 75520
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 159.5 0.0 345.6

