

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
 Data File : VY018690.D
 Acq On : 25 Jun 2024 15:56
 Operator : SY/MD
 Sample : P3009-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-204

Quant Time: Jun 26 02:38:11 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	81890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	151917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	138953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57142	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	42976	52.126	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.260%
35) Dibromofluoromethane	7.704	113	48149	51.956	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.920%
50) Toluene-d8	10.173	98	171536	48.132	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.260%
62) 4-Bromofluorobenzene	12.477	95	51272	45.560	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.120%

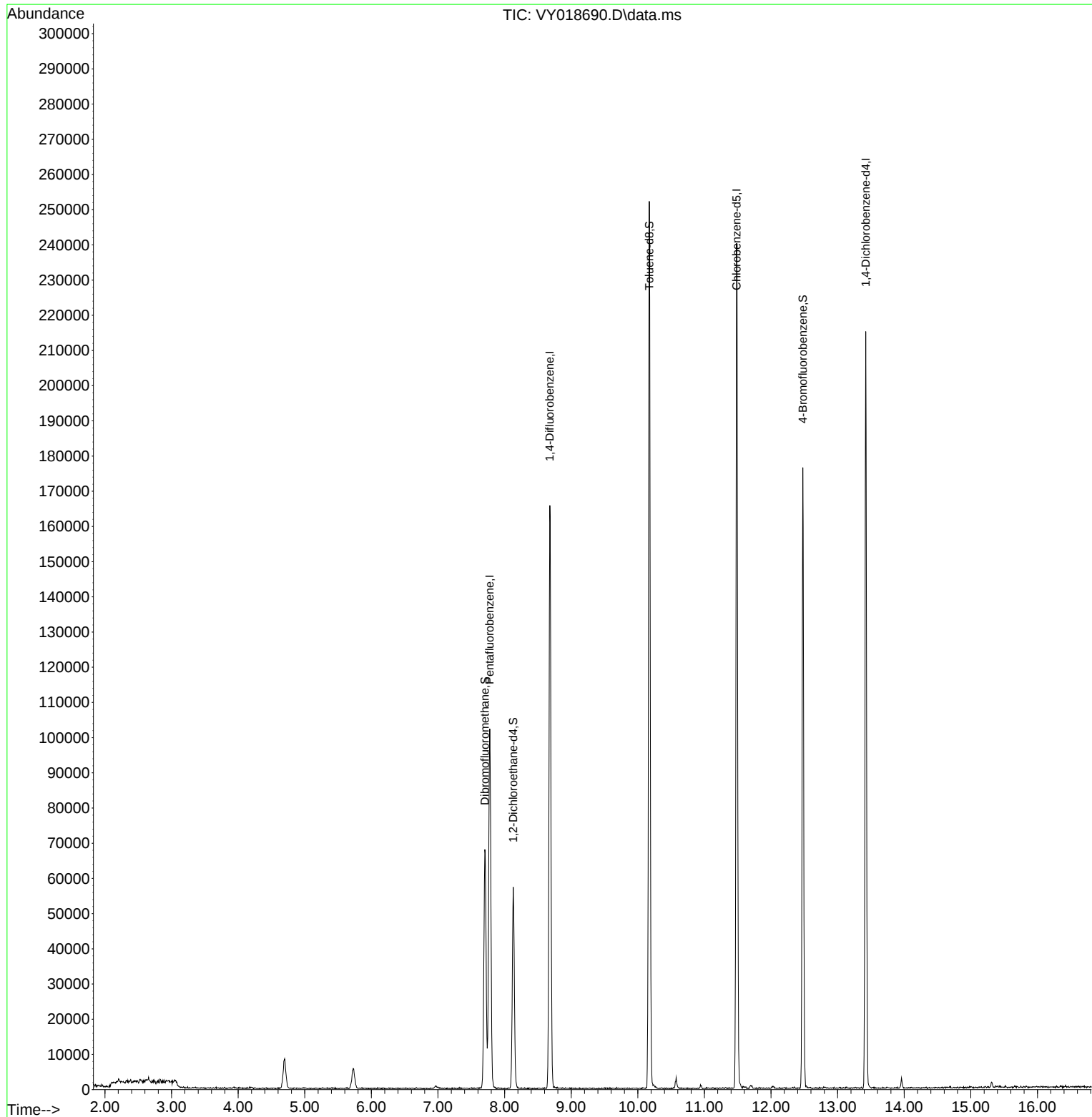
Target Compounds	Qvalue

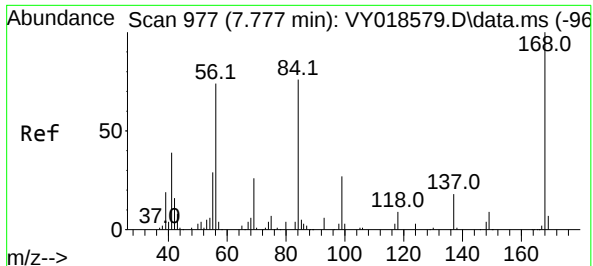
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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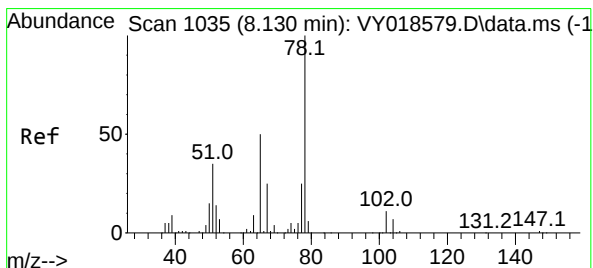
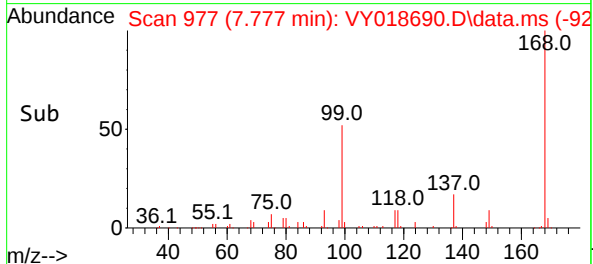
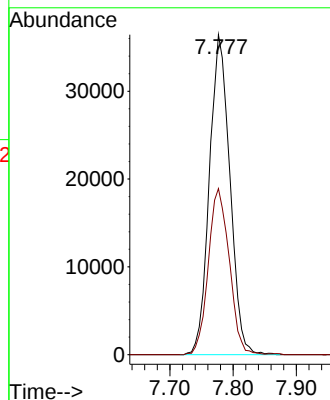
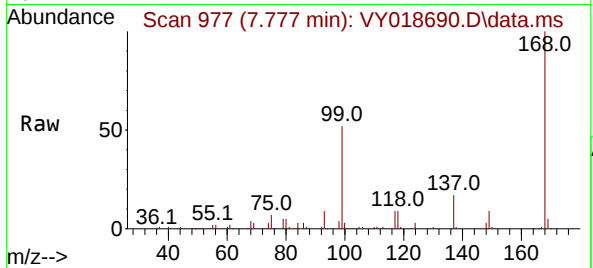




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018690.D
Acq: 25 Jun 2024 15:56

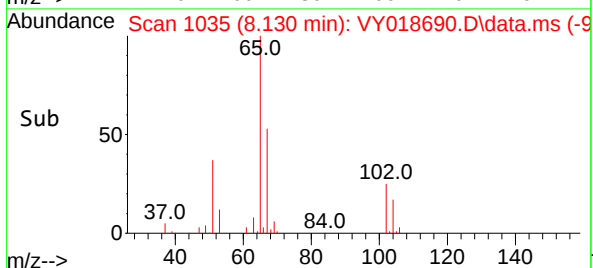
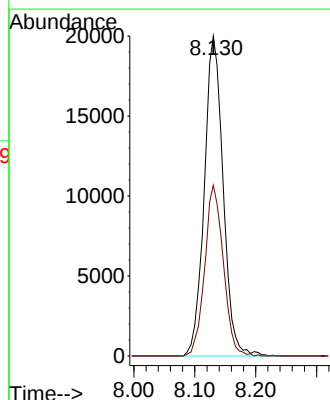
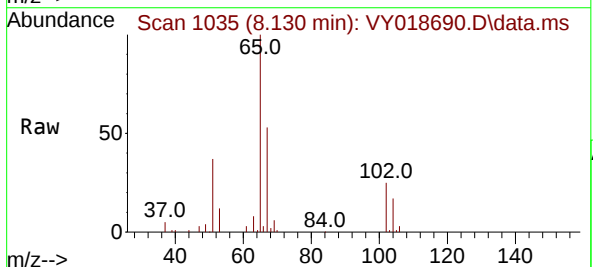
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-204

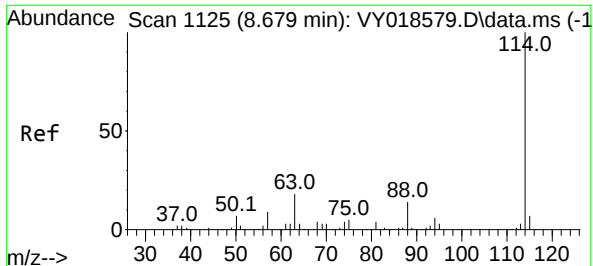
Tgt Ion:168 Resp: 81890
Ion Ratio Lower Upper
168 100
99 51.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.126 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018690.D
Acq: 25 Jun 2024 15:56

Tgt Ion: 65 Resp: 42976
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6

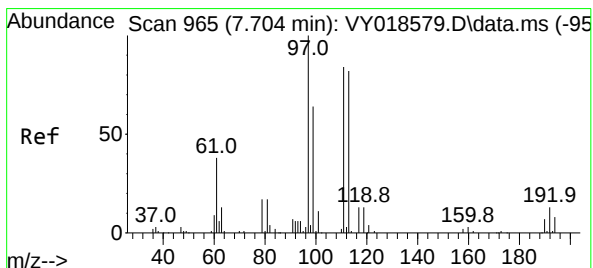
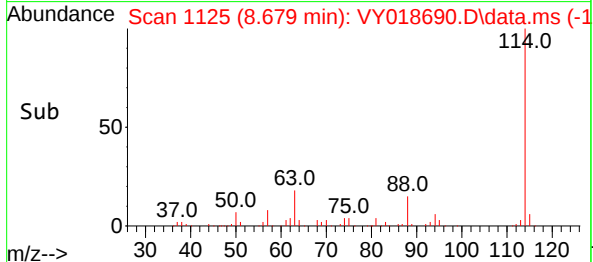
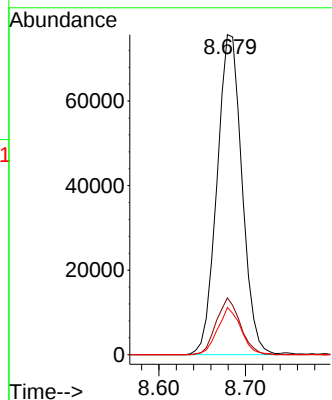
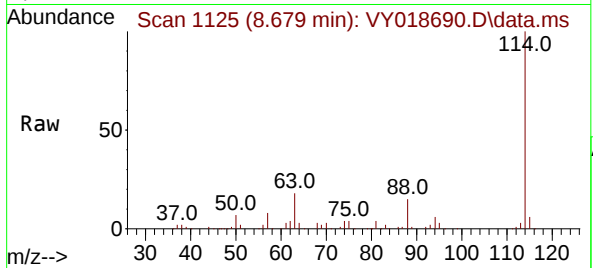




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VY018690.D
Acq: 25 Jun 2024 15:56

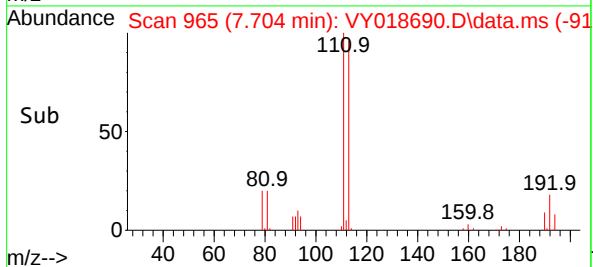
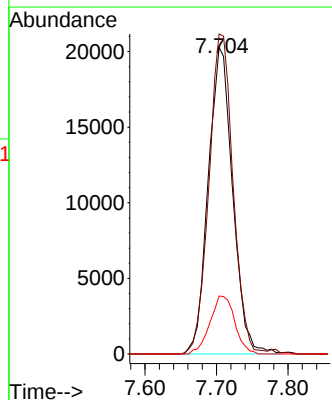
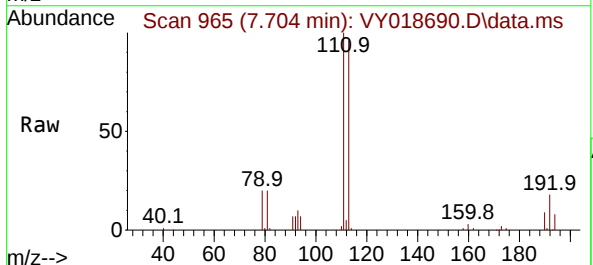
Instrument :
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ClientSampleId :
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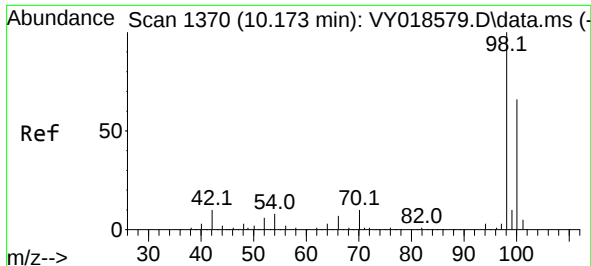
Tgt Ion:114 Resp: 151917
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.0
88 14.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.956 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018690.D
Acq: 25 Jun 2024 15:56

Tgt Ion:113 Resp: 48149
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 19.2 15.9 23.9

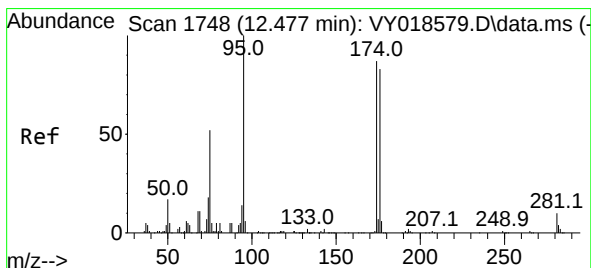
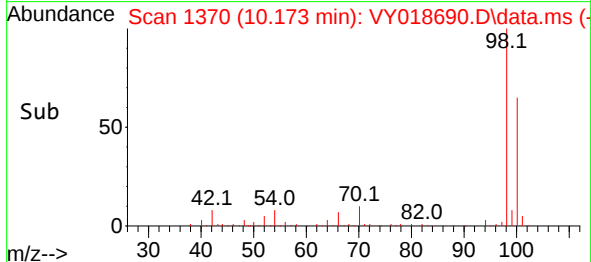
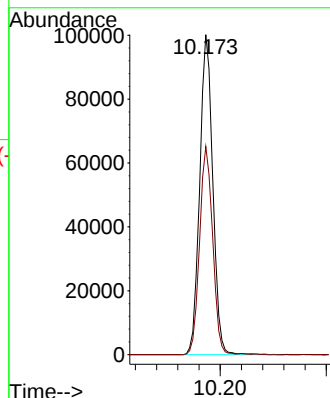
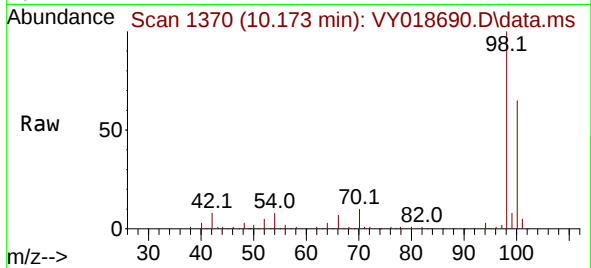




#50
Toluene-d8
Concen: 48.132 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018690.D
Acq: 25 Jun 2024 15:56

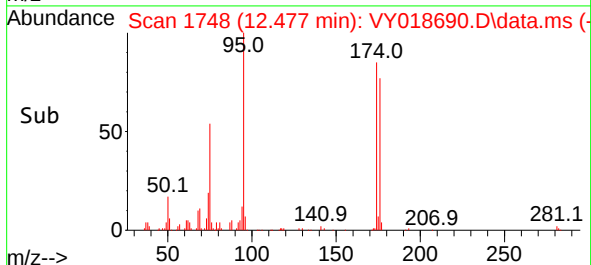
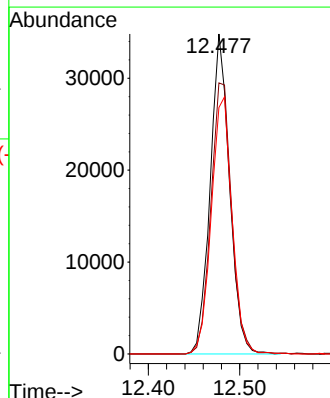
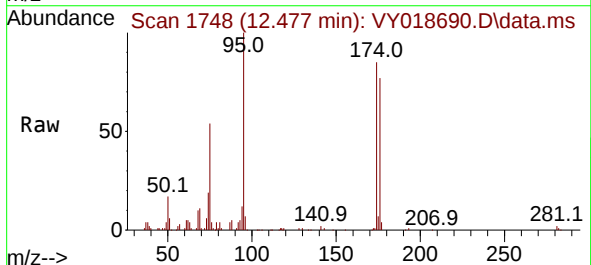
Instrument :
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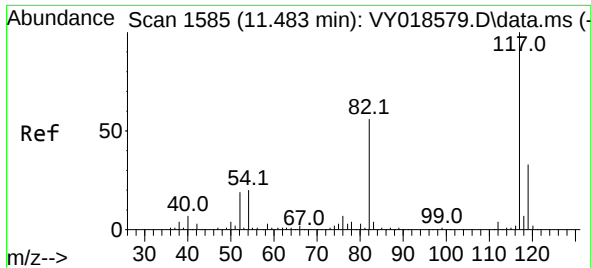
Tgt Ion: 98 Resp: 171536
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.560 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018690.D
Acq: 25 Jun 2024 15:56

Tgt Ion: 95 Resp: 51272
Ion Ratio Lower Upper
95 100
174 91.1 0.0 175.6
176 86.1 0.0 171.4

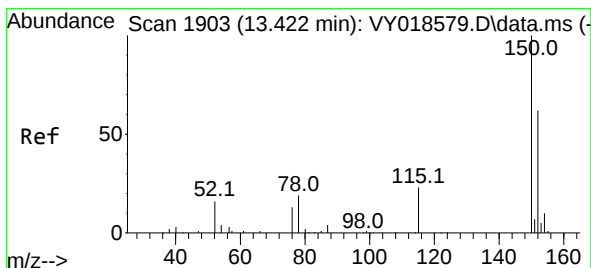
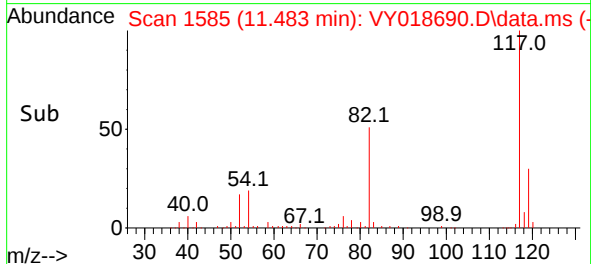
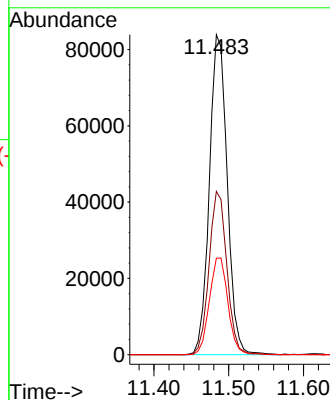
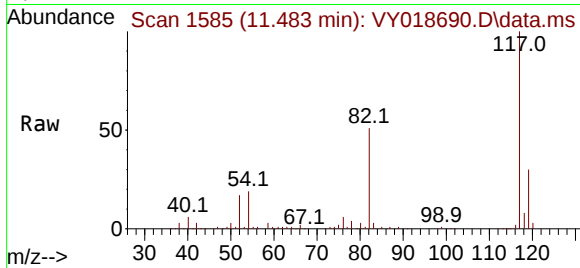




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018690.D
Acq: 25 Jun 2024 15:56

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-204

Tgt Ion:117 Resp: 138953
Ion Ratio Lower Upper
117 100
82 51.1 42.4 63.6
119 30.2 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: VY018690.D
Acq: 25 Jun 2024 15:56

Tgt Ion:152 Resp: 57142
Ion Ratio Lower Upper
152 100
115 55.1 28.2 84.7
150 154.5 0.0 345.6

