

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062024\
 Data File : VY018649.D
 Acq On : 20 Jun 2024 11:59
 Operator : SY/MD
 Sample : VY0620SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0620SBL01

Quant Time: Jun 21 01:03:39 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	134810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	226250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	191952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	85458	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	64207	47.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.620%
35) Dibromofluoromethane	7.710	113	68334	49.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.020%
50) Toluene-d8	10.173	98	261908	49.346	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.700%
62) 4-Bromofluorobenzene	12.477	95	76402	45.586	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.180%

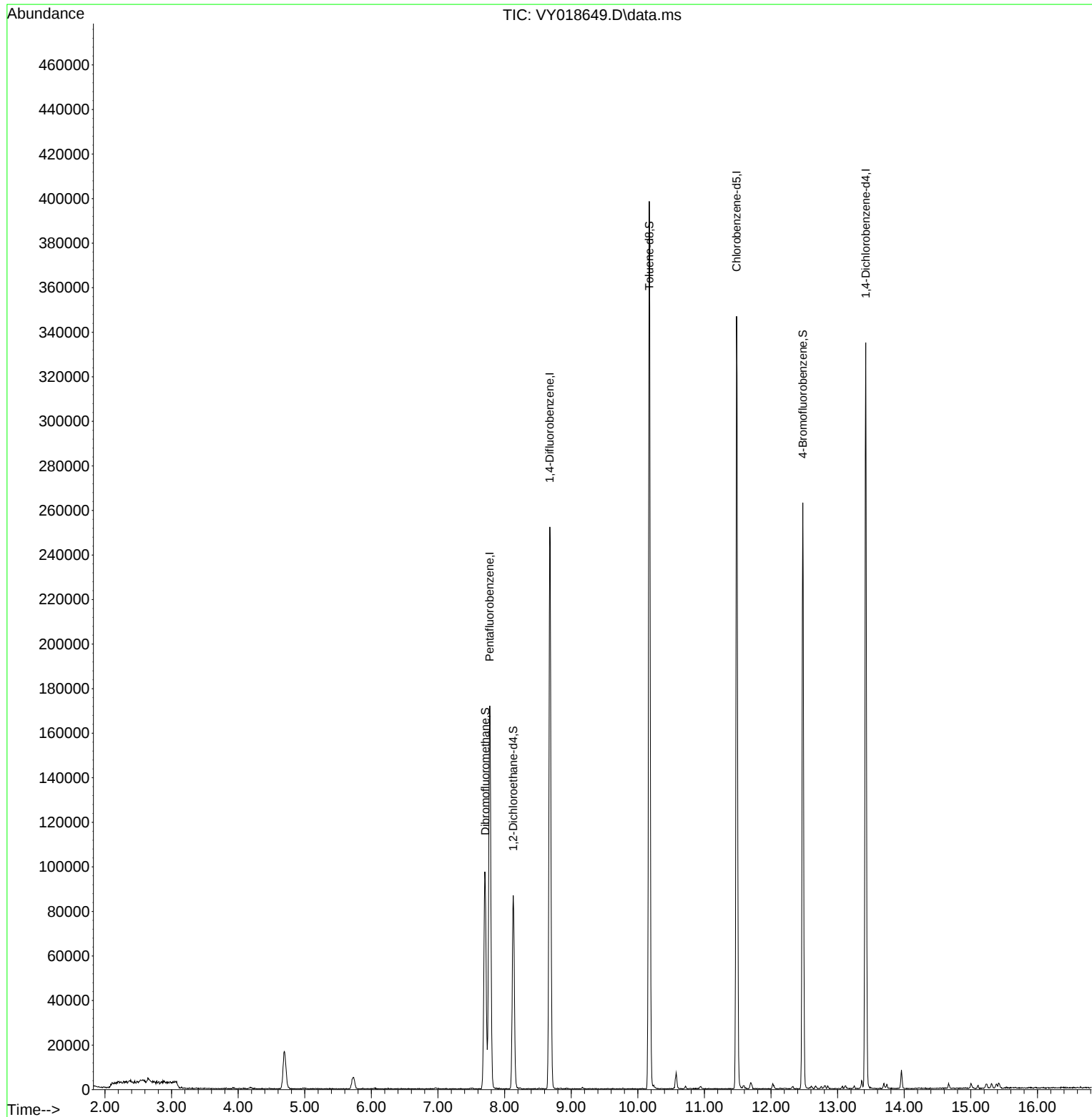
Target Compounds	Qvalue

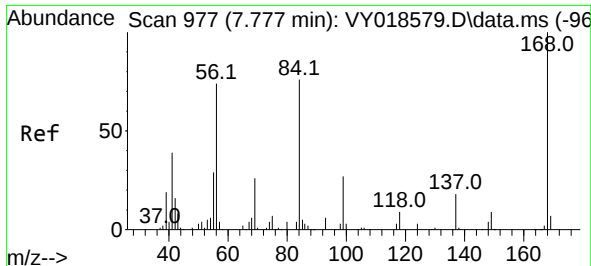
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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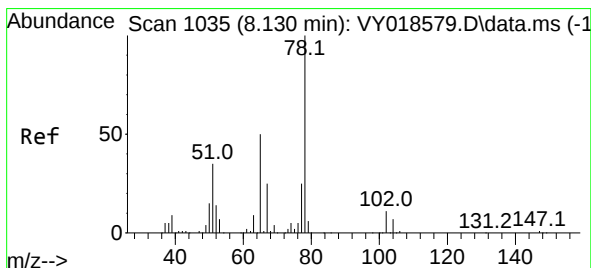
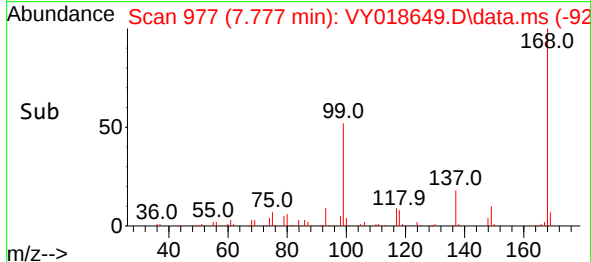
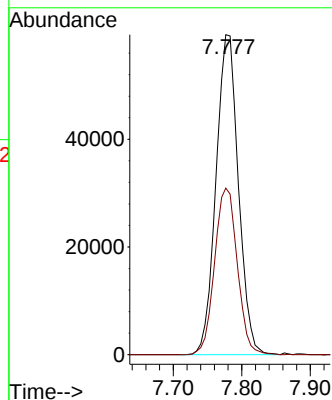
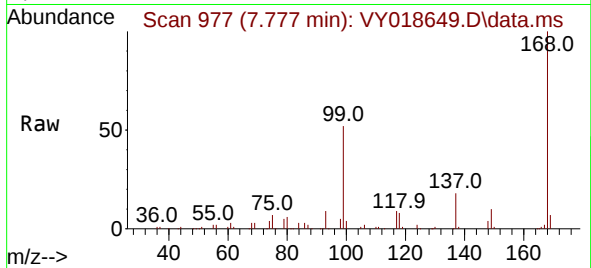




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018649.D
Acq: 20 Jun 2024 11:59

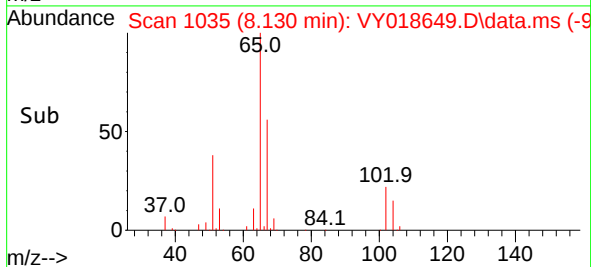
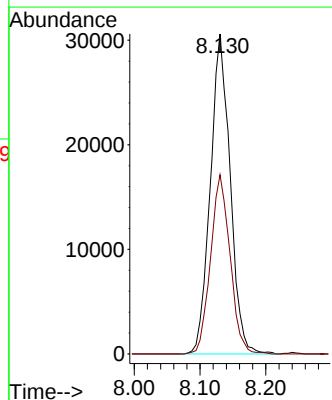
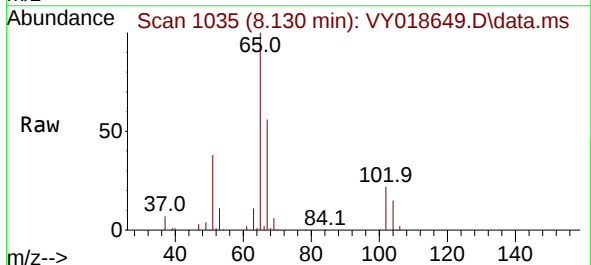
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL01

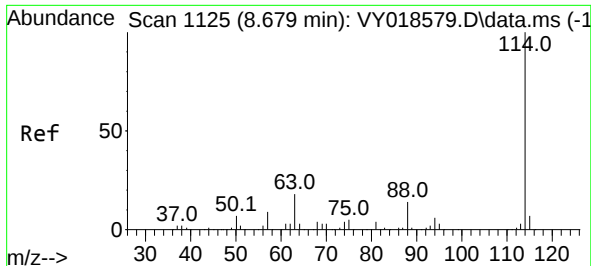
Tgt Ion:168 Resp: 134810
Ion Ratio Lower Upper
168 100
99 52.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.307 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018649.D
Acq: 20 Jun 2024 11:59

Tgt Ion: 65 Resp: 64207
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6

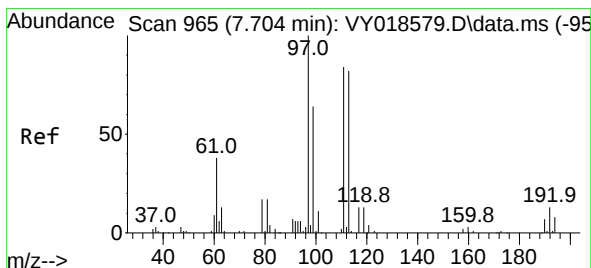
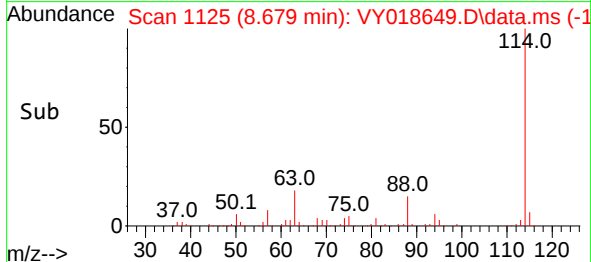
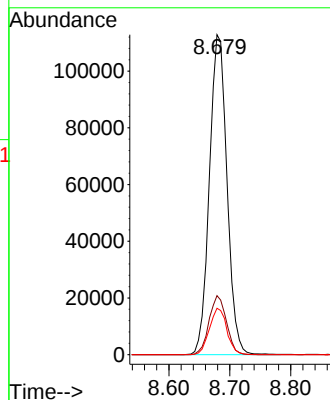
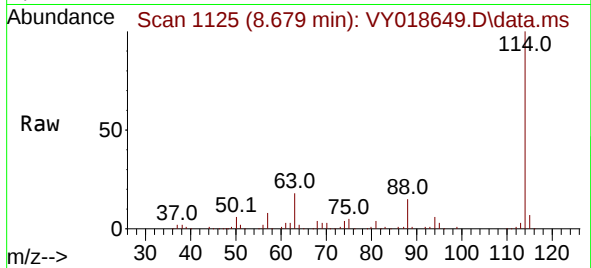




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VY018649.D
Acq: 20 Jun 2024 11:59

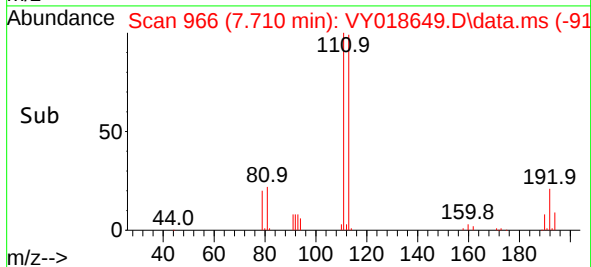
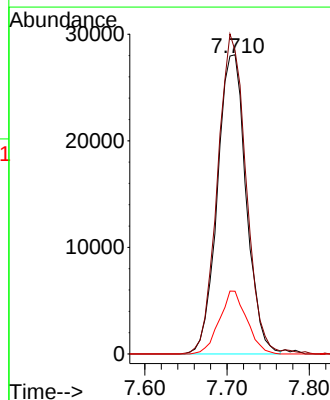
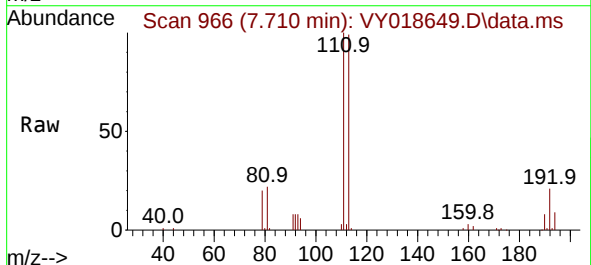
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL01

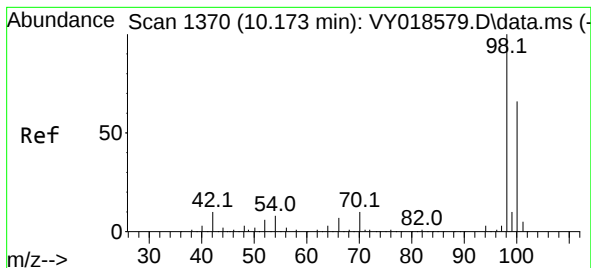
Tgt Ion:114 Resp: 226250
Ion Ratio Lower Upper
114 100
63 18.5 0.0 35.0
88 14.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.511 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018649.D
Acq: 20 Jun 2024 11:59

Tgt Ion:113 Resp: 68334
Ion Ratio Lower Upper
113 100
111 106.4 82.2 123.4
192 20.0 15.9 23.9

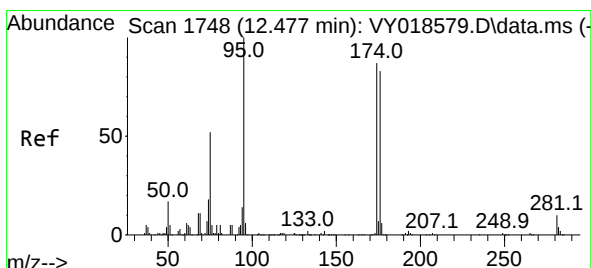
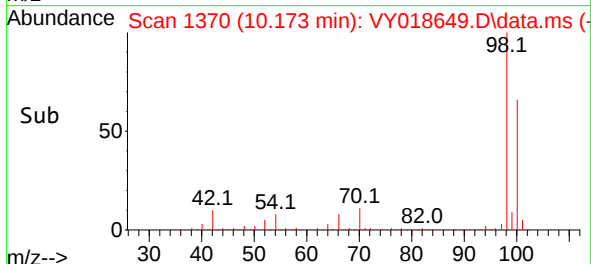
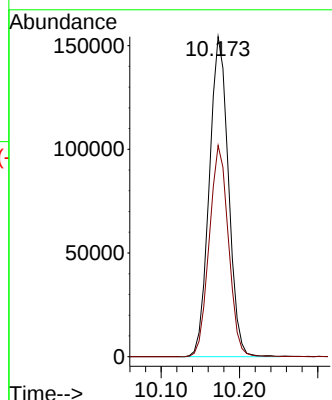
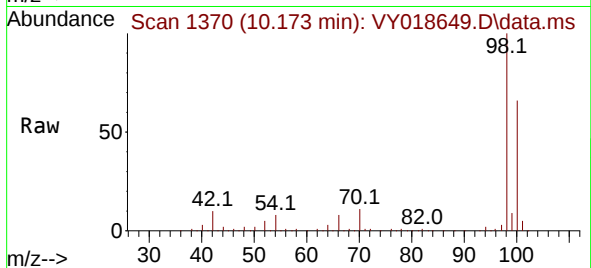




#50
Toluene-d8
Concen: 49.346 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018649.D
Acq: 20 Jun 2024 11:59

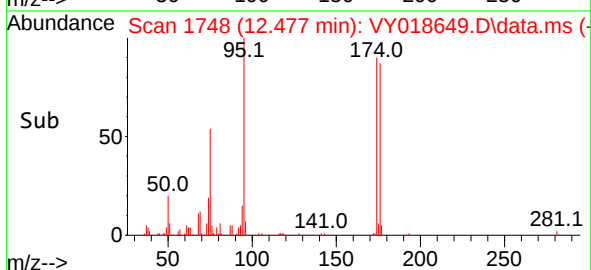
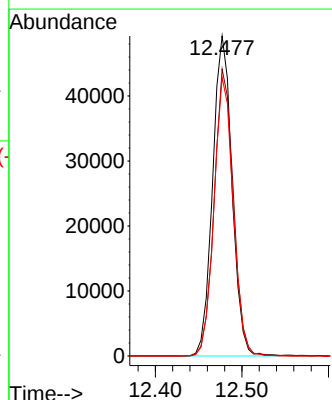
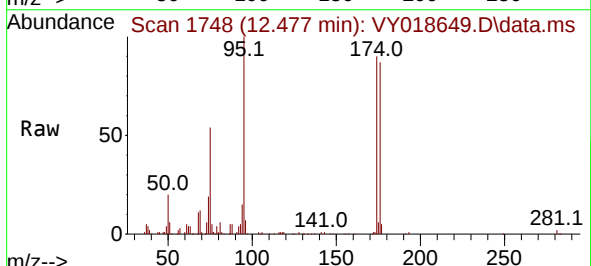
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL01

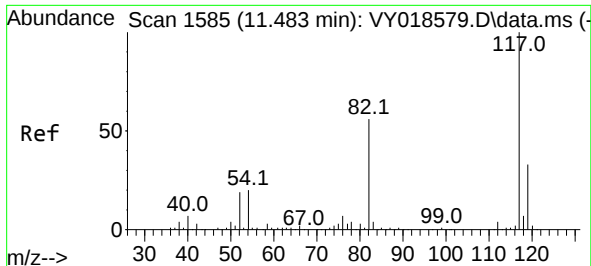
Tgt Ion: 98 Resp: 261908
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.586 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018649.D
Acq: 20 Jun 2024 11:59

Tgt Ion: 95 Resp: 76402
Ion Ratio Lower Upper
95 100
174 89.0 0.0 175.6
176 86.2 0.0 171.4

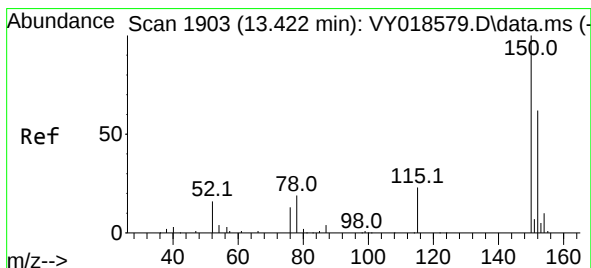
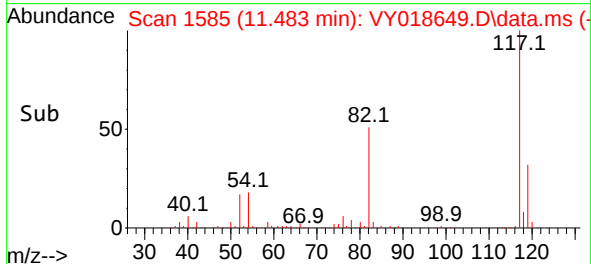
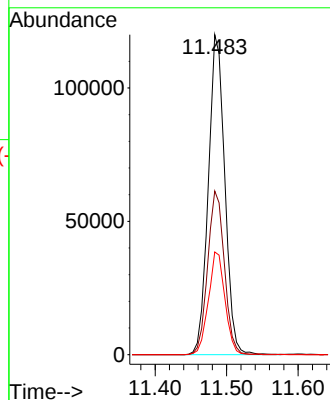
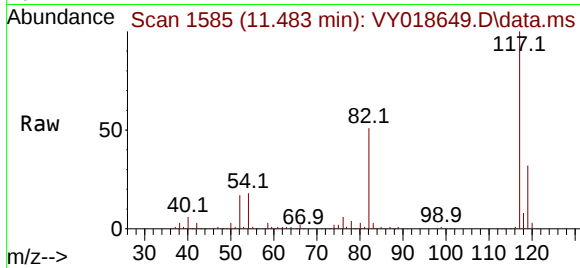




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018649.D
Acq: 20 Jun 2024 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL01

Tgt Ion:117 Resp: 191952
Ion Ratio Lower Upper
117 100
82 51.2 42.4 63.6
119 32.1 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: VY018649.D
Acq: 20 Jun 2024 11:59

Tgt Ion:152 Resp: 85458
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 155.6 0.0 345.6

