

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
 Data File : VY011760.D
 Acq On : 12 Dec 2022 11:02
 Operator : KP/MD
 Sample : VY1212SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBL01

Quant Time: Dec 12 12:10:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	196256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	322371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	284654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127624	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	68959	51.650	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.300%
35) Dibromofluoromethane	7.722	113	71526	49.934	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.860%
50) Toluene-d8	10.185	98	214034	44.903	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.800%
62) 4-Bromofluorobenzene	12.483	95	81536	42.984	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.960%

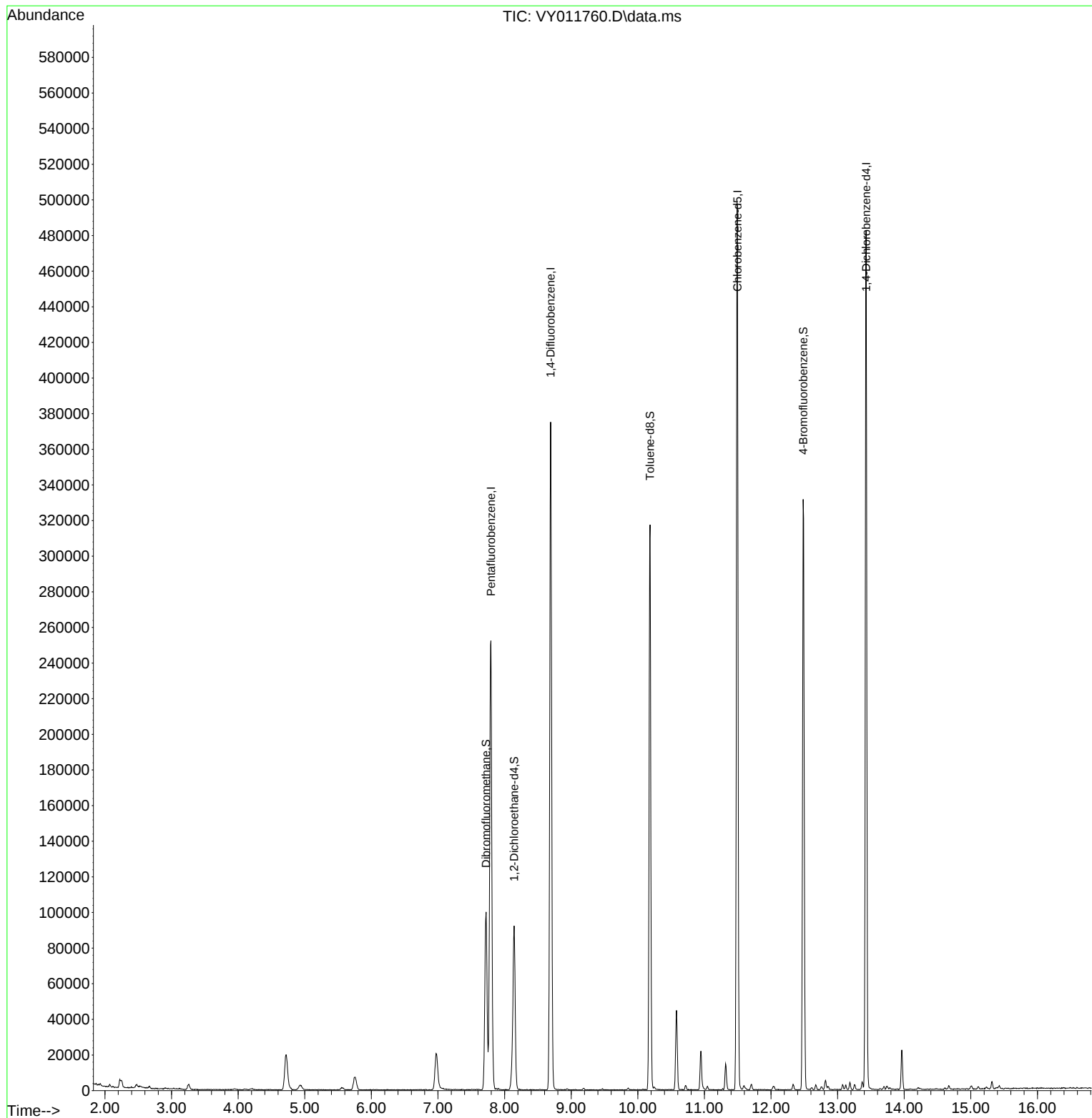
Target Compounds	Qvalue

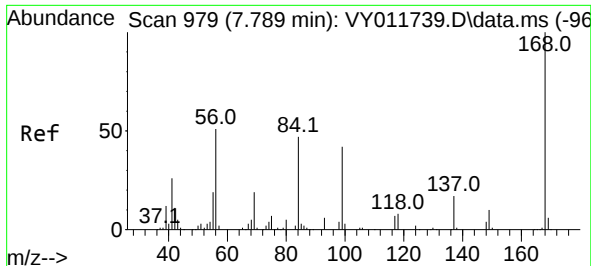
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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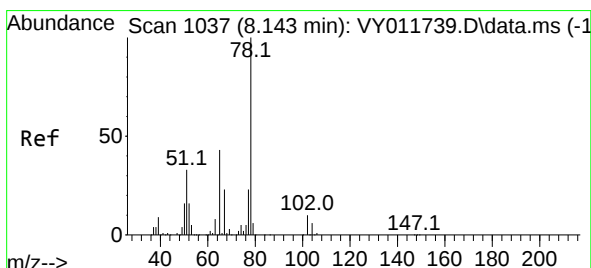
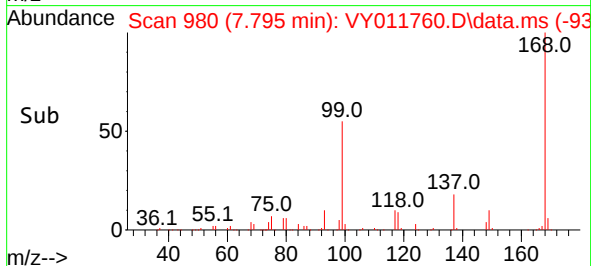
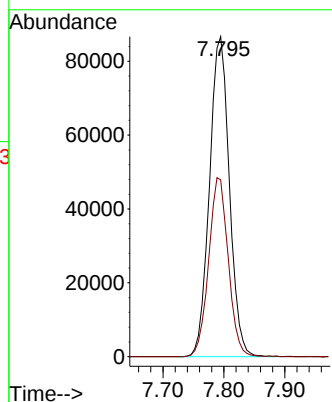
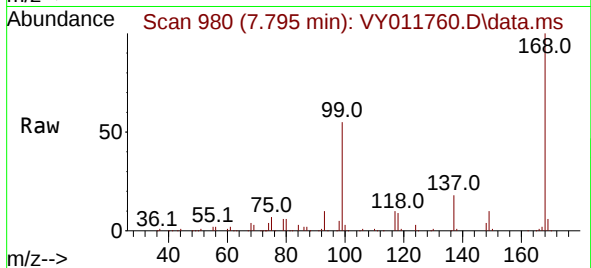




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011760.D
Acq: 12 Dec 2022 11:02

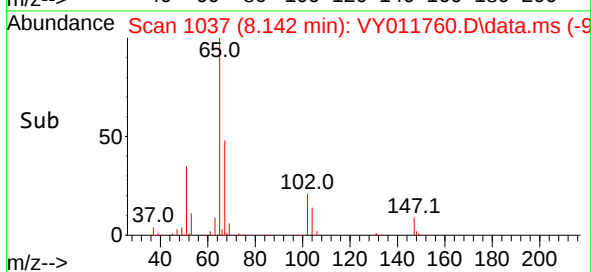
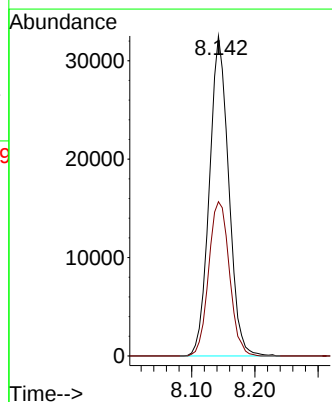
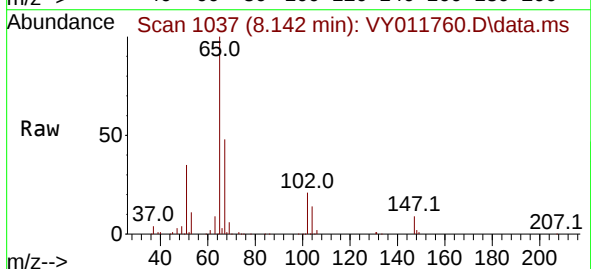
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBL01

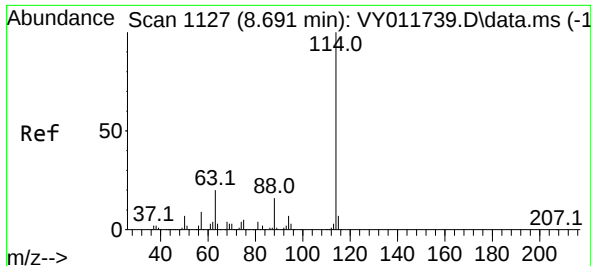
Tgt Ion:168 Resp: 196256
Ion Ratio Lower Upper
168 100
99 55.2 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 51.650 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011760.D
Acq: 12 Dec 2022 11:02

Tgt Ion: 65 Resp: 68959
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.2

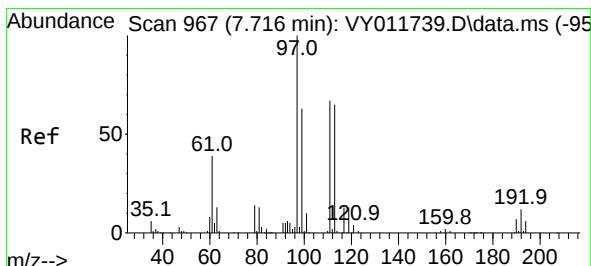
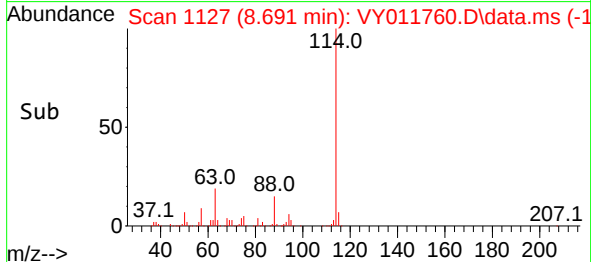
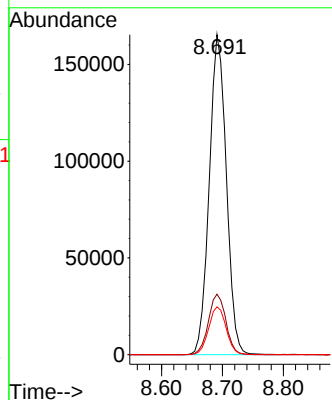
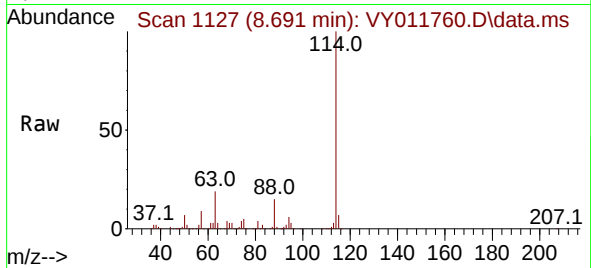




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011760.D
Acq: 12 Dec 2022 11:02

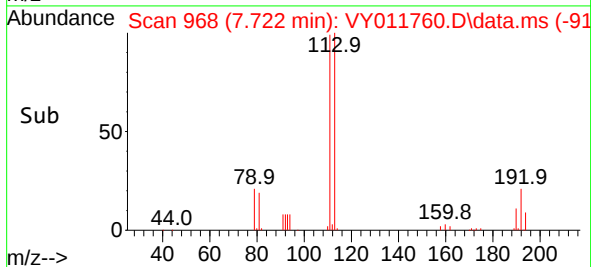
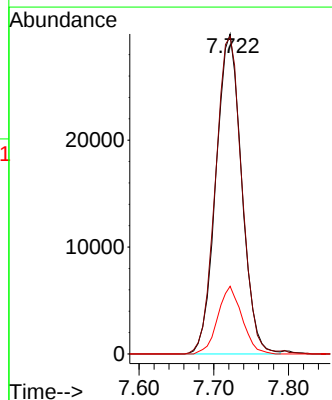
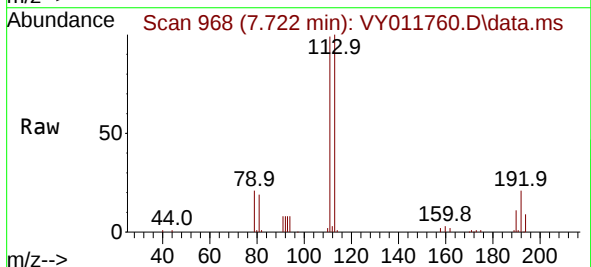
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBL01

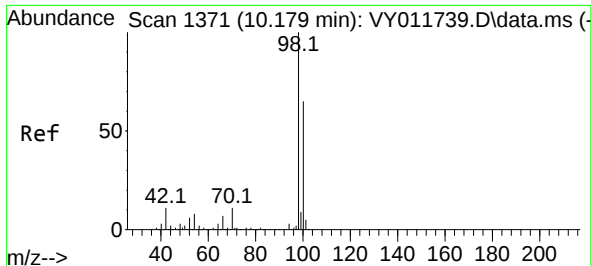
Tgt Ion:114 Resp: 322371
Ion Ratio Lower Upper
114 100
63 18.9 0.0 39.6
88 15.0 0.0 32.2



#35
Dibromofluoromethane
Concen: 49.934 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY011760.D
Acq: 12 Dec 2022 11:02

Tgt Ion:113 Resp: 71526
Ion Ratio Lower Upper
113 100
111 101.8 83.0 124.4
192 19.9 16.0 24.0

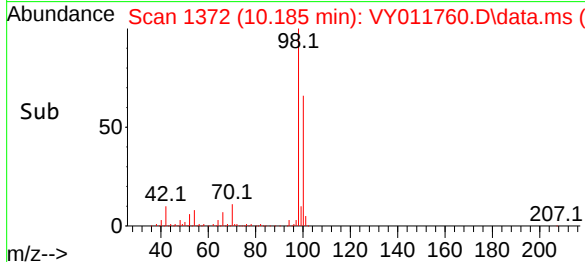
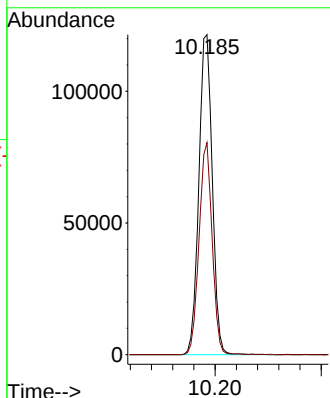
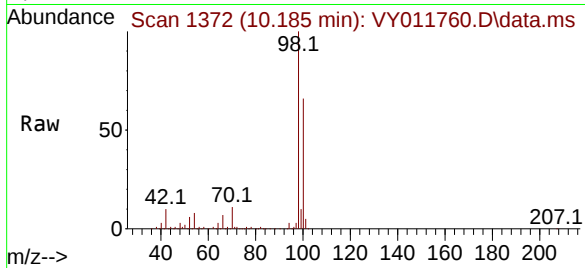




#50
Toluene-d8
Concen: 44.903 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011760.D
Acq: 12 Dec 2022 11:02

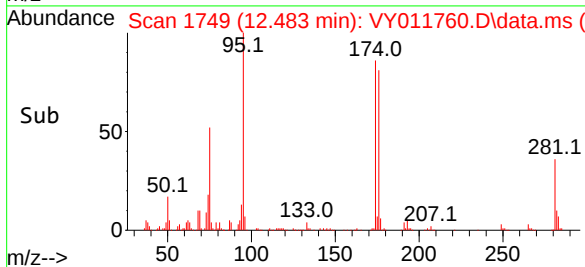
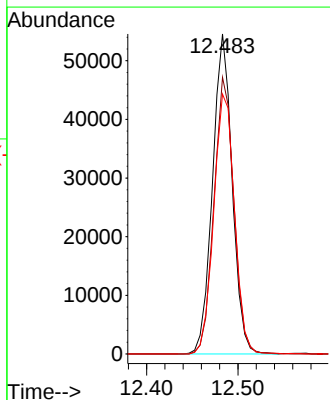
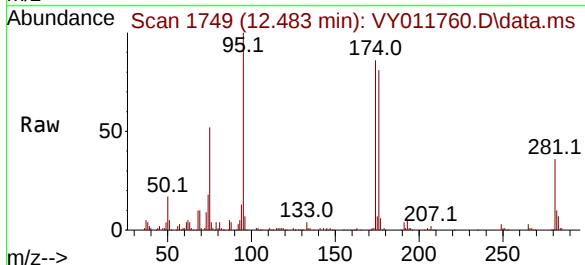
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBL01

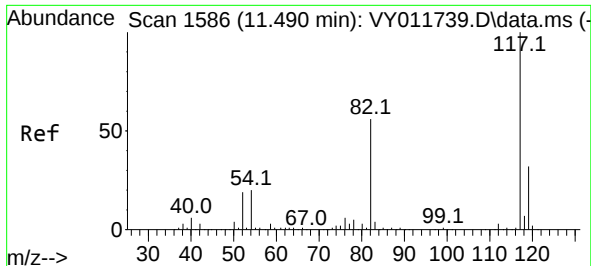
Tgt Ion: 98 Resp: 214034
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 42.984 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011760.D
Acq: 12 Dec 2022 11:02

Tgt Ion: 95 Resp: 81536
Ion Ratio Lower Upper
95 100
174 87.6 0.0 172.0
176 85.7 0.0 167.6

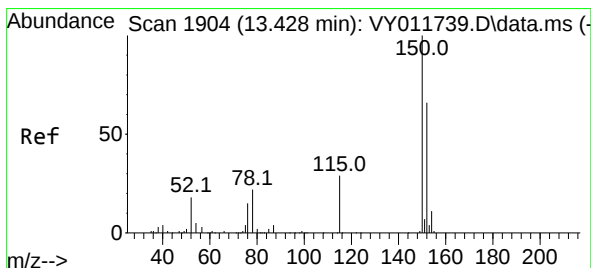
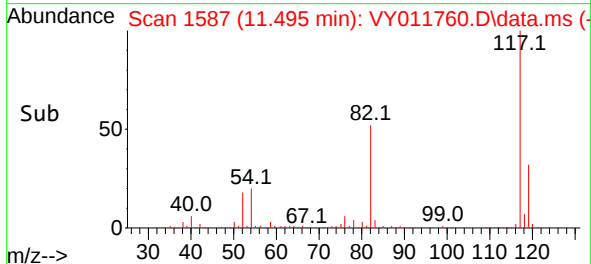
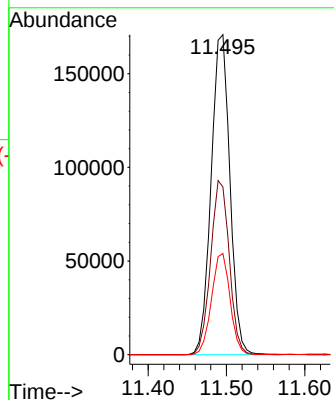
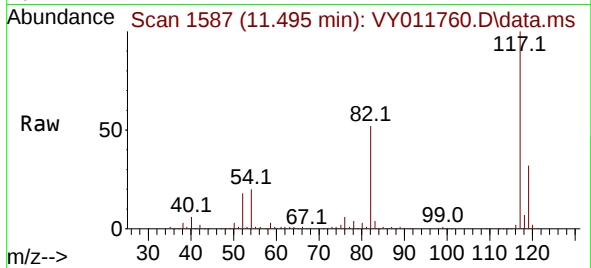




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011760.D
Acq: 12 Dec 2022 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBL01

Tgt Ion:117 Resp: 284654
Ion Ratio Lower Upper
117 100
82 52.4 44.8 67.2
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011760.D
Acq: 12 Dec 2022 11:02

Tgt Ion:152 Resp: 127624
Ion Ratio Lower Upper
152 100
115 57.7 29.1 87.3
150 155.3 0.0 342.6

