

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021225\
 Data File : VY021176.D
 Acq On : 12 Feb 2025 11:21
 Operator : SY/MD
 Sample : VY0212SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0212SBL01

Quant Time: Feb 13 03:45:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	166849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	310090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	286017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	107532	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	101834	59.569	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.140%
35) Dibromofluoromethane	7.646	113	102621	51.639	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.280%
50) Toluene-d8	10.115	98	378091	49.975	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.414	95	120370	48.700	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.400%

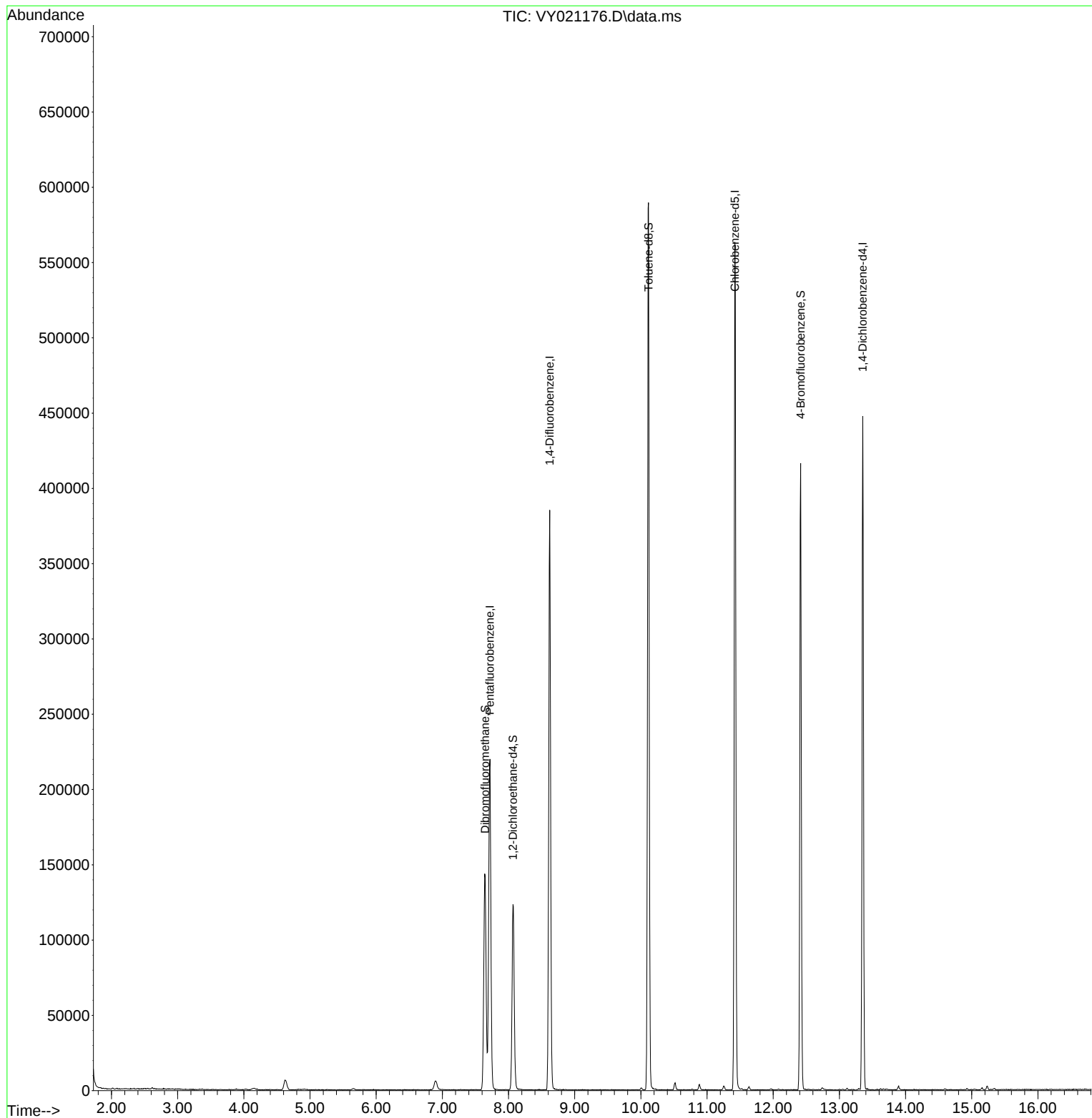
Target Compounds	Qvalue

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

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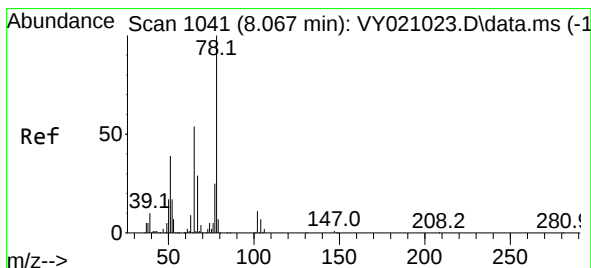
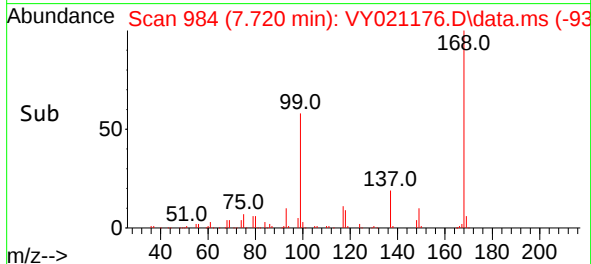
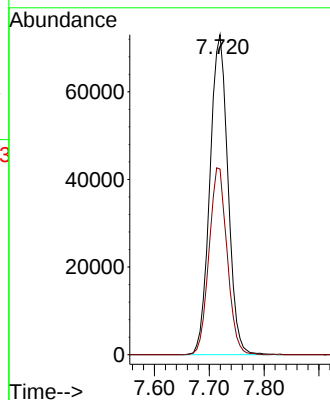
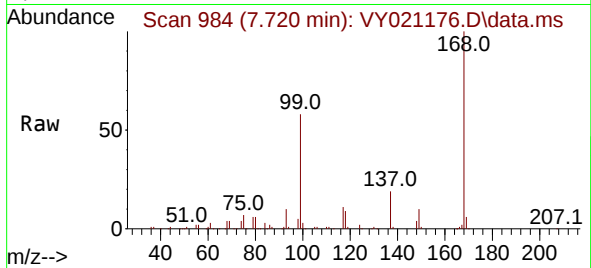




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY021176.D
Acq: 12 Feb 2025 11:21

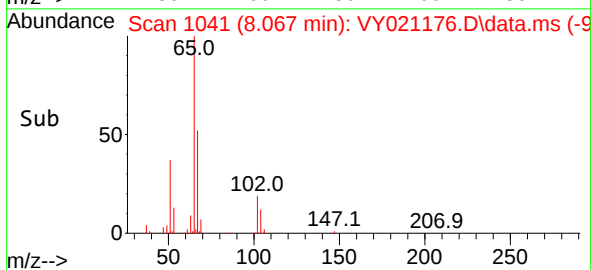
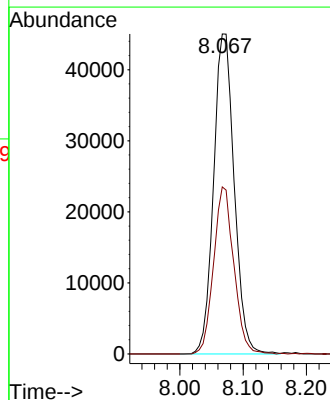
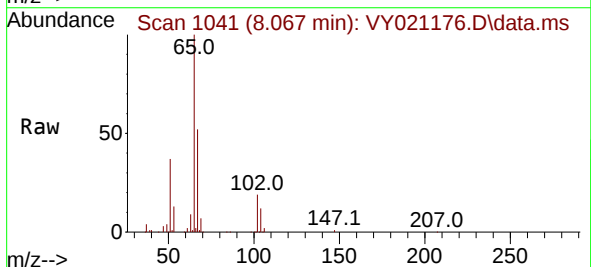
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBL01

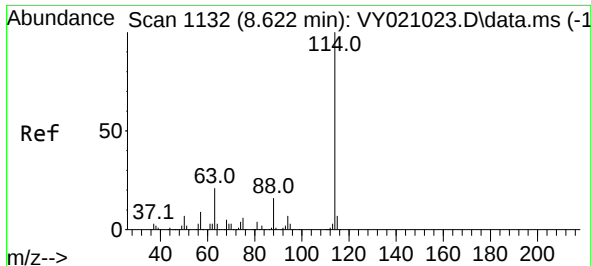
Tgt Ion:168 Resp: 166849
Ion Ratio Lower Upper
168 100
99 58.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 59.569 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021176.D
Acq: 12 Feb 2025 11:21

Tgt Ion: 65 Resp: 101834
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021176.D

Acq: 12 Feb 2025 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBL01

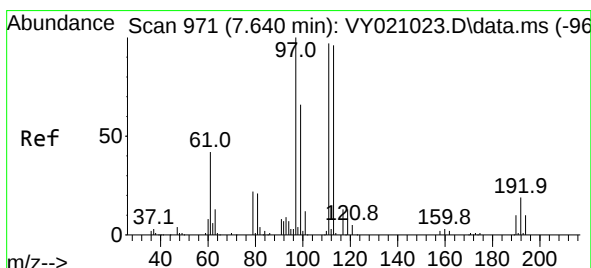
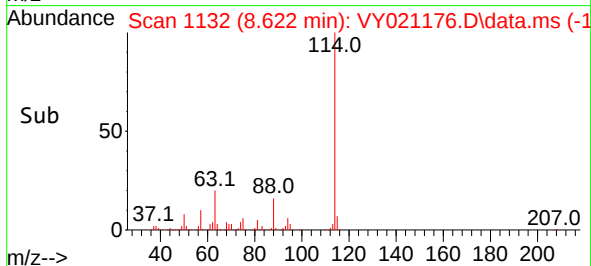
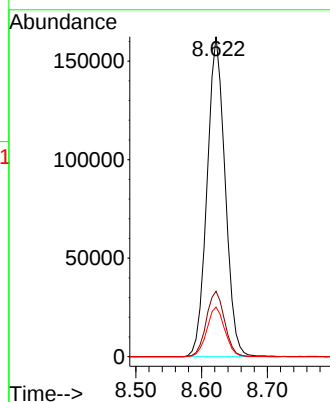
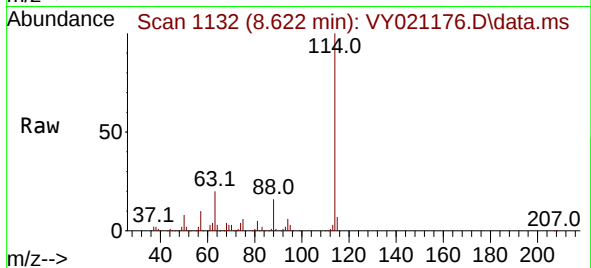
Tgt Ion:114 Resp: 310090

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 15.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.639 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.006 min

Lab File: VY021176.D

Acq: 12 Feb 2025 11:21

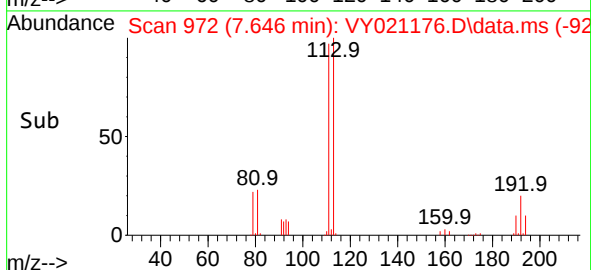
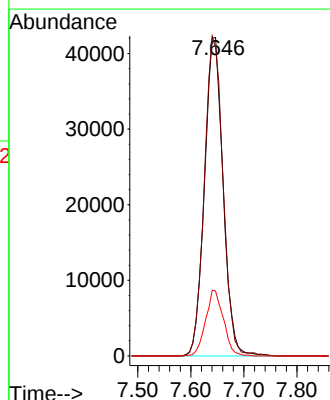
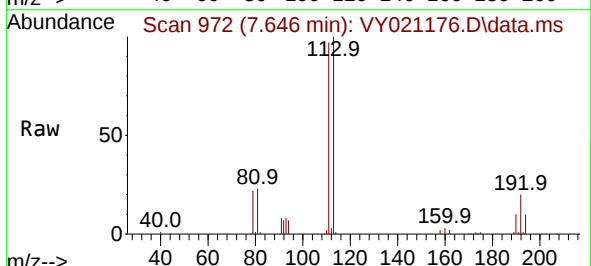
Tgt Ion:113 Resp: 102621

Ion Ratio Lower Upper

113 100

111 100.8 83.8 125.6

192 19.8 14.5 21.7

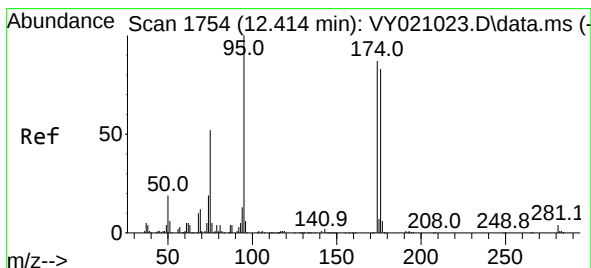
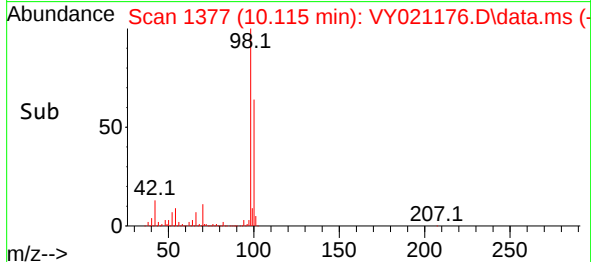
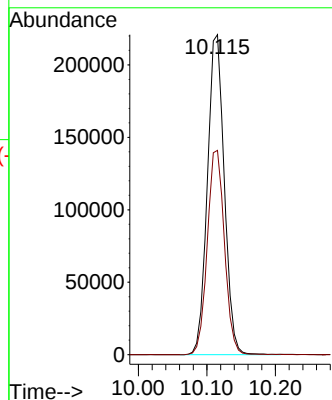
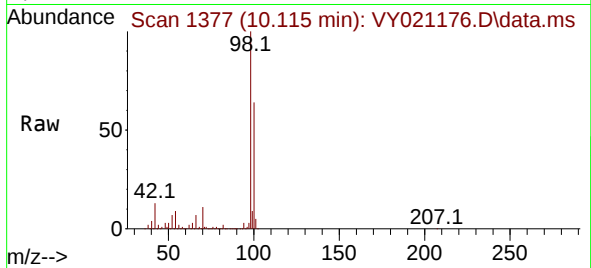




#50
Toluene-d8
Concen: 49.975 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021176.D
Acq: 12 Feb 2025 11:21

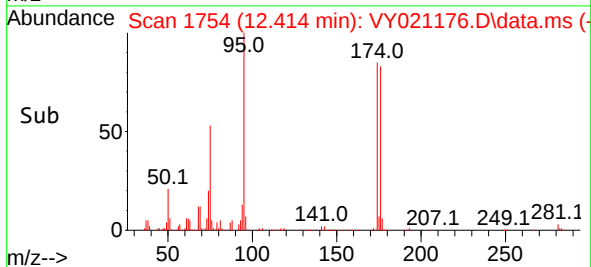
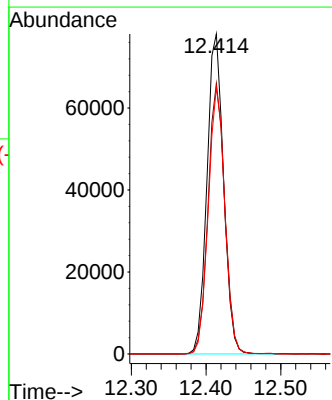
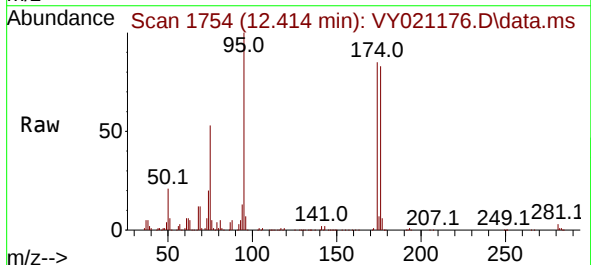
Instrument :
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ClientSampleId :
VY0212SBL01

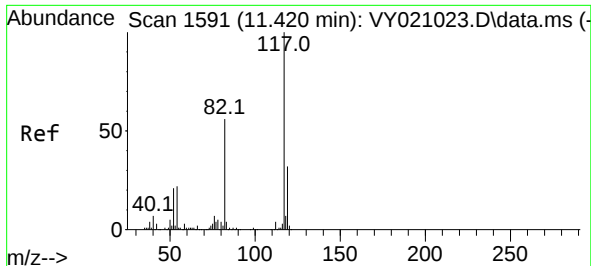
Tgt Ion: 98 Resp: 378091
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.700 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021176.D
Acq: 12 Feb 2025 11:21

Tgt Ion: 95 Resp: 120370
Ion Ratio Lower Upper
95 100
174 85.2 0.0 160.0
176 82.7 0.0 151.8

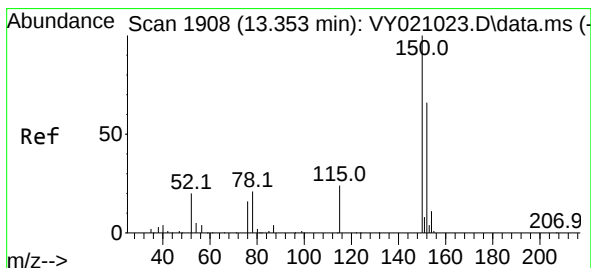
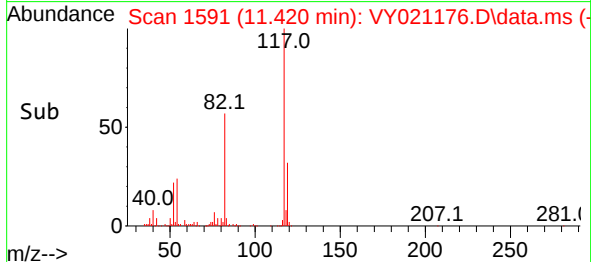
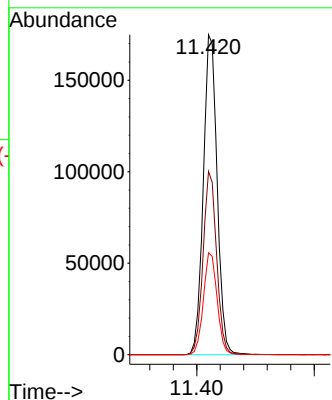
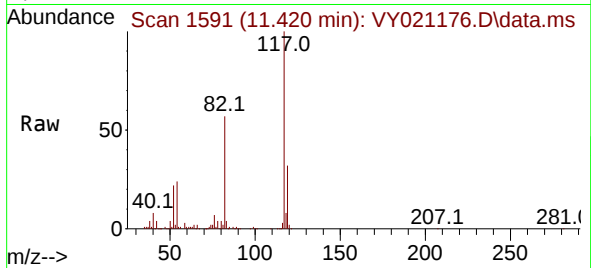




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021176.D
Acq: 12 Feb 2025 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBL01

Tgt Ion:117 Resp: 286017
Ion Ratio Lower Upper
117 100
82 57.3 43.8 65.8
119 31.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021176.D
Acq: 12 Feb 2025 11:21

Tgt Ion:152 Resp: 107532
Ion Ratio Lower Upper
152 100
115 59.0 30.0 90.0
150 157.5 0.0 344.6

