

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101723\
 Data File : VY016003.D
 Acq On : 17 Oct 2023 14:47
 Operator : SY/MD
 Sample : 04907-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-101623

Quant Time: Oct 18 06:07:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	130295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	216087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	200129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96485	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76886	51.705	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.400%
35) Dibromofluoromethane	7.722	113	71748	52.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.480%
50) Toluene-d8	10.185	98	252707	49.604	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.200%
62) 4-Bromofluorobenzene	12.483	95	84689	46.684	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.360%

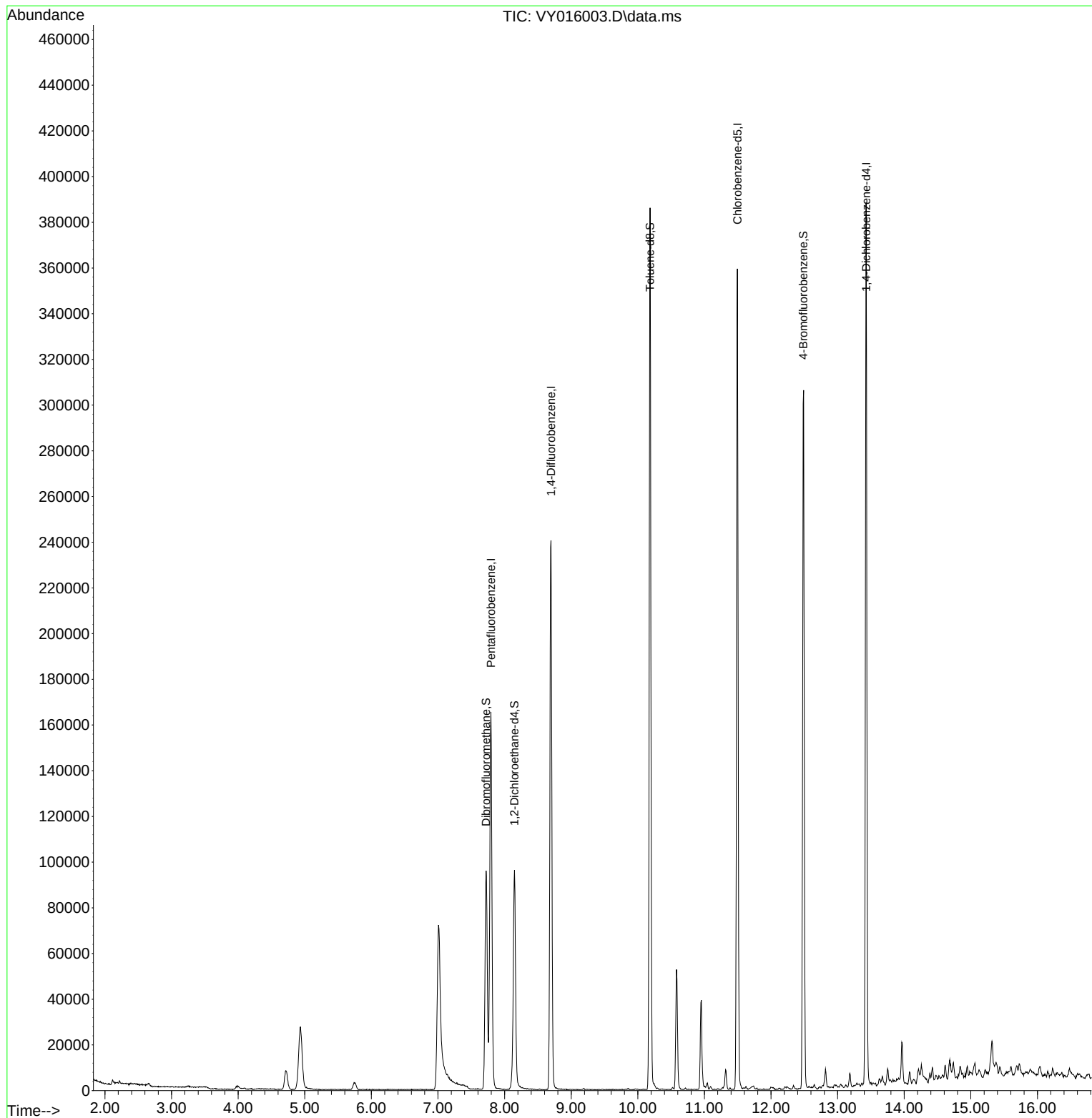
Target Compounds	Qvalue

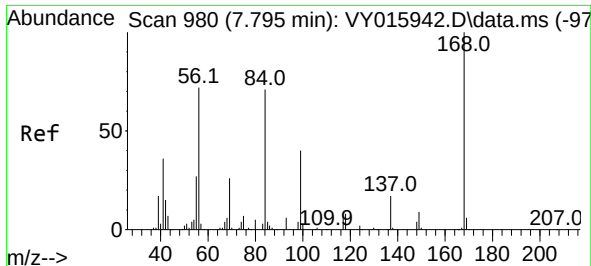
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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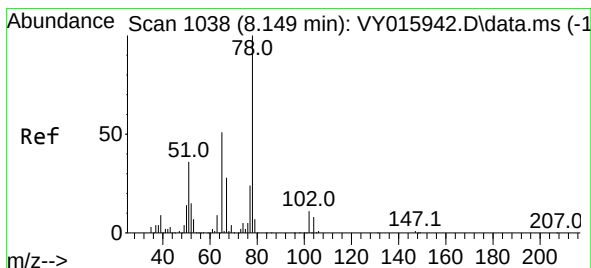
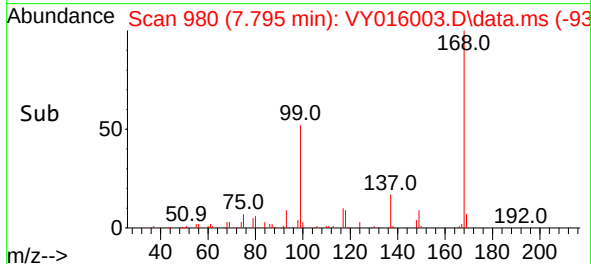
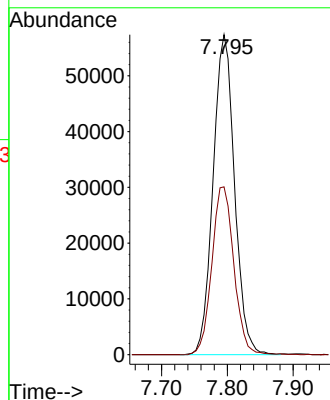
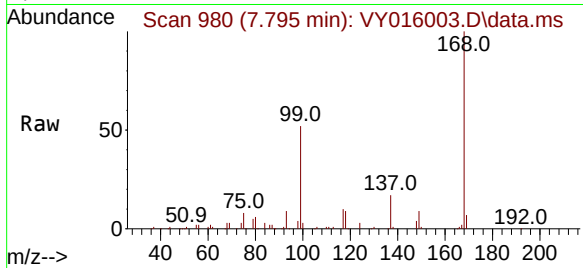




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

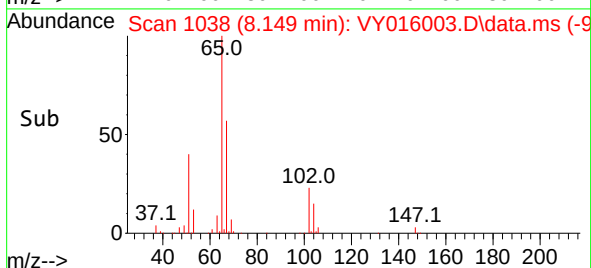
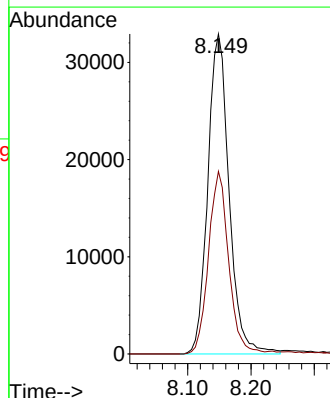
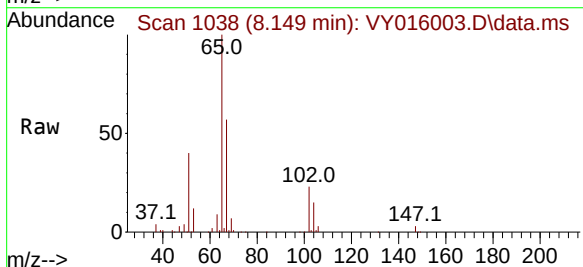
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-101623

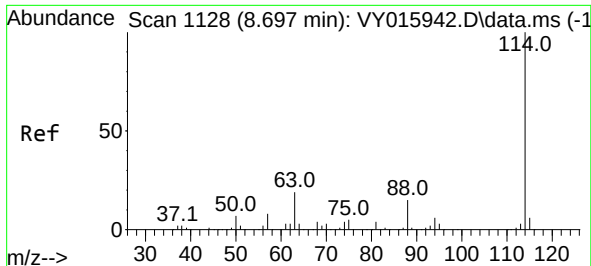
Tgt Ion:168 Resp: 130295
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 51.705 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

Tgt Ion: 65 Resp: 76886
Ion Ratio Lower Upper
65 100
67 54.1 0.0 101.8

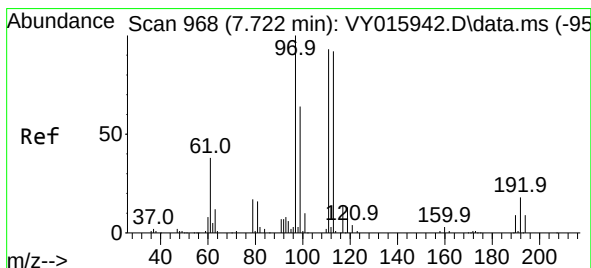
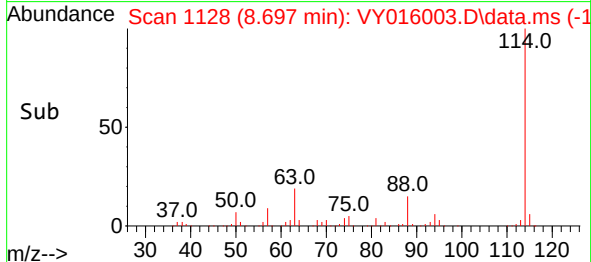
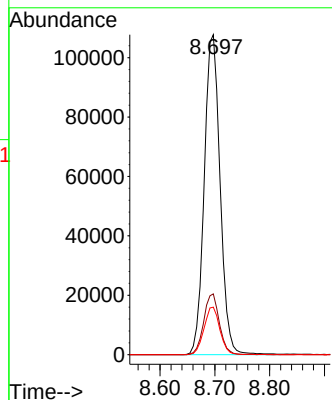
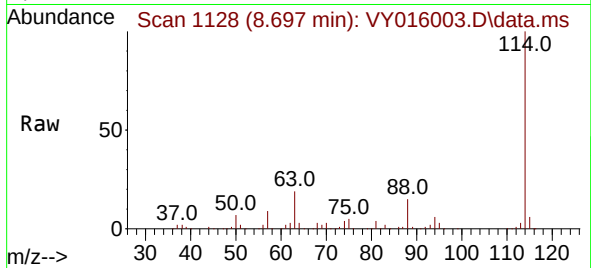




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

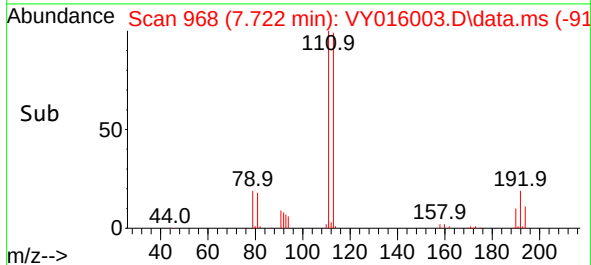
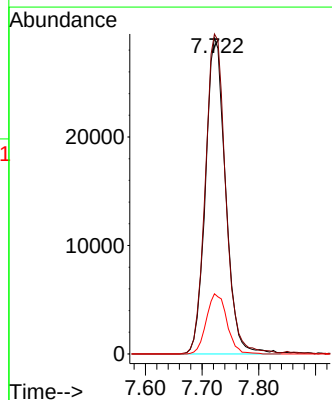
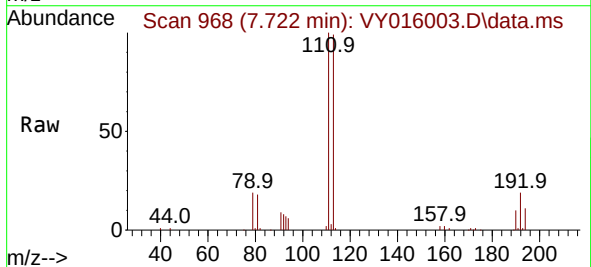
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-101623

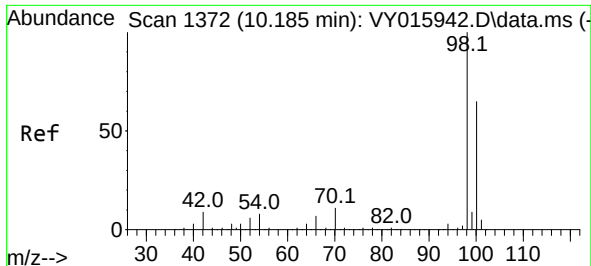
Tgt Ion:114 Resp: 216087
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.741 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

Tgt Ion:113 Resp: 71748
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.4 16.9 25.3

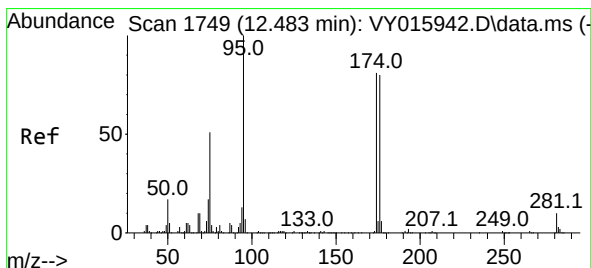
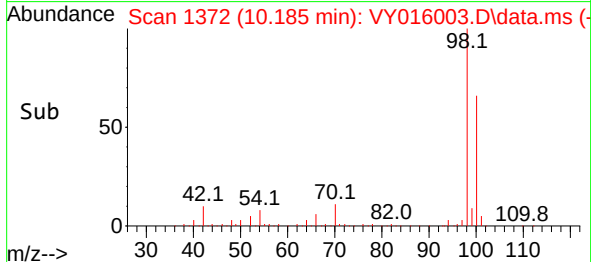
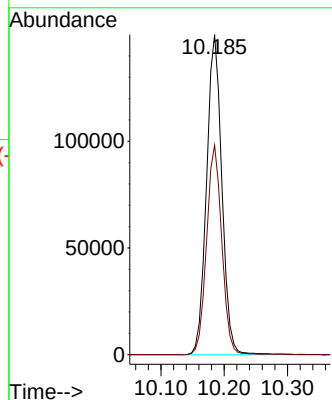
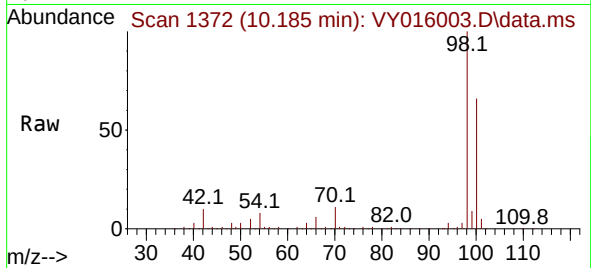




#50
Toluene-d8
Concen: 49.604 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

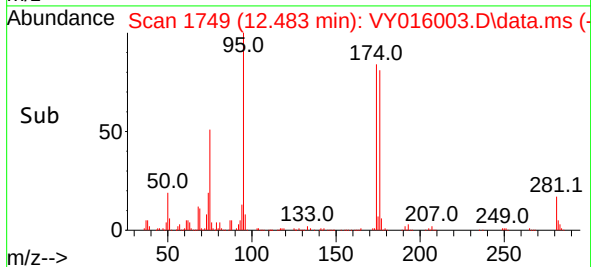
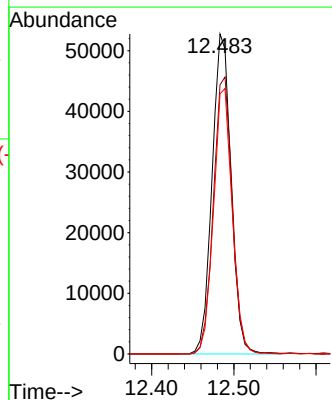
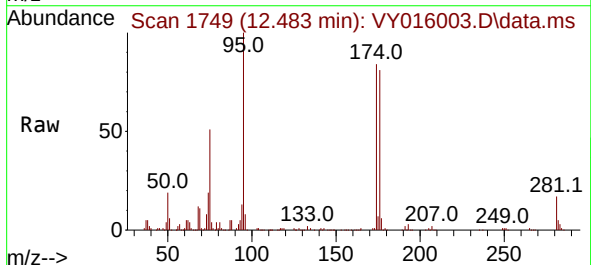
Instrument :
MSVOA_Y
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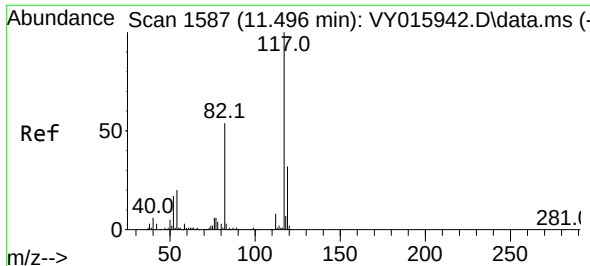
Tgt Ion: 98 Resp: 252707
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.684 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

Tgt Ion: 95 Resp: 84689
Ion Ratio Lower Upper
95 100
174 86.9 0.0 178.2
176 81.9 0.0 173.8

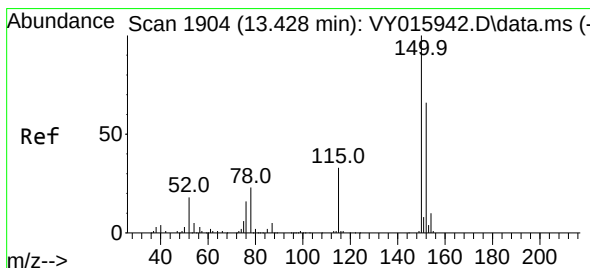
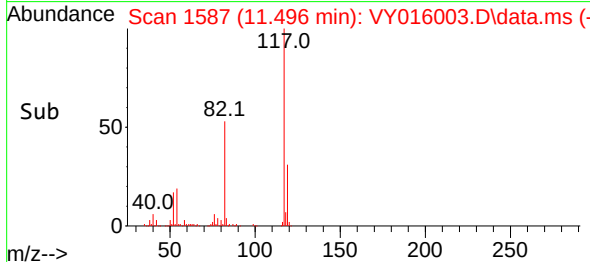
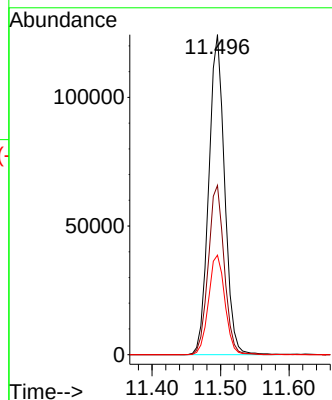
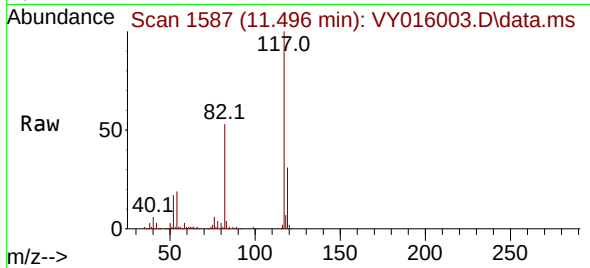




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-101623

Tgt Ion:117 Resp: 200129
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 31.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY016003.D
Acq: 17 Oct 2023 14:47

Tgt Ion:152 Resp: 96485
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 157.3 0.0 348.8

