

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
 Data File : VY016608.D
 Acq On : 06 Dec 2023 11:52
 Operator : SY/MD
 Sample : VY1206SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBL01

Quant Time: Dec 07 00:30:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	128766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	194514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	173114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	76280	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	56682	47.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.260%
35) Dibromofluoromethane	7.740	113	54760	46.780	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.560%
50) Toluene-d8	10.191	98	220783	49.863	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.720%
62) 4-Bromofluorobenzene	12.495	95	70159	48.183	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.360%

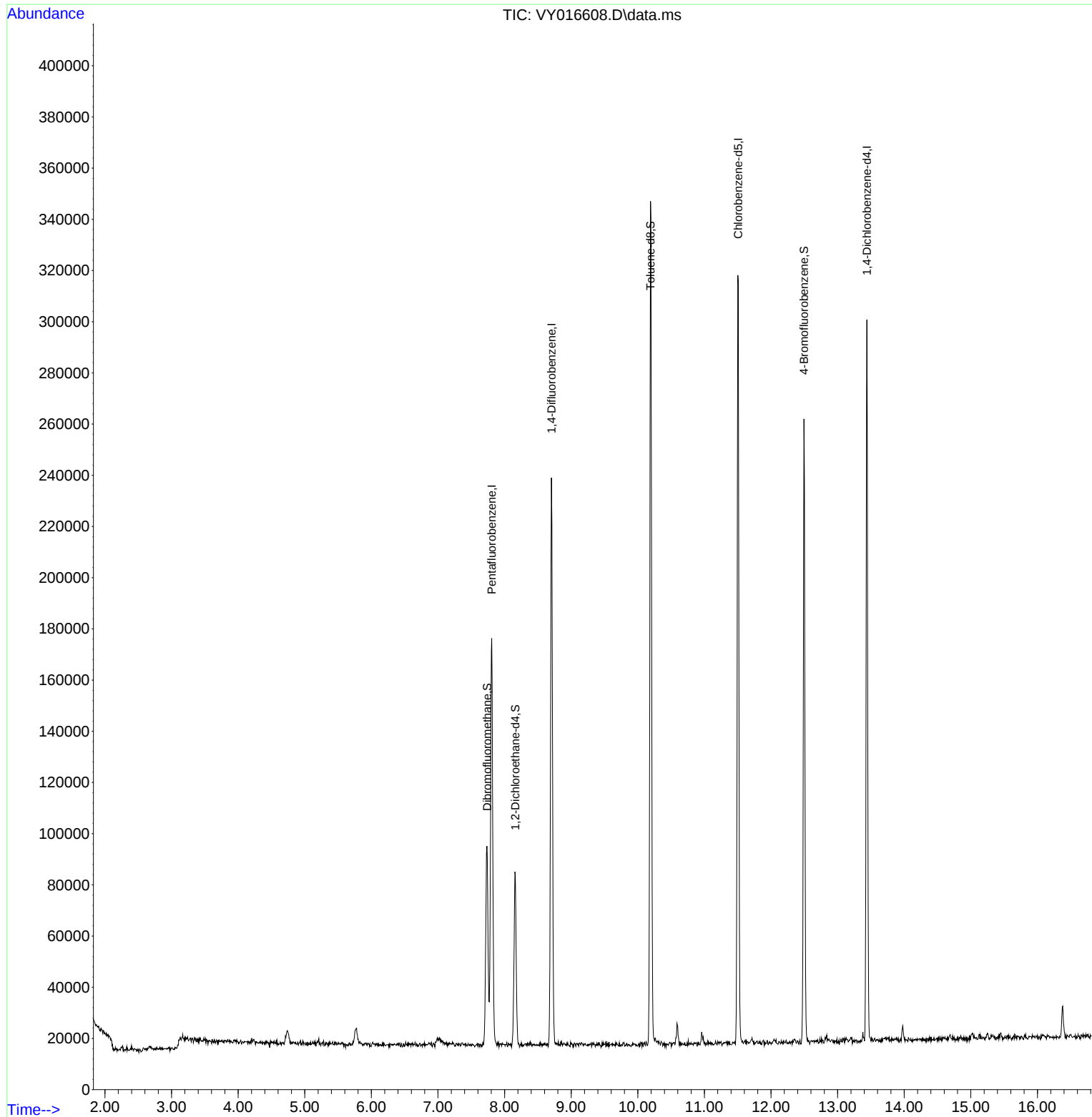
Target Compounds	Qvalue

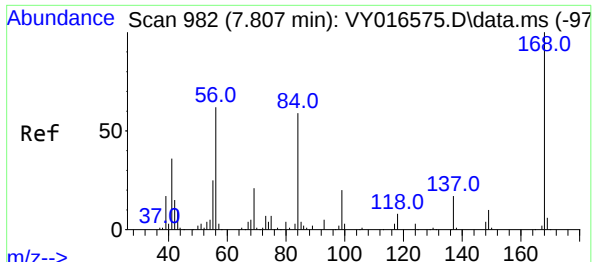
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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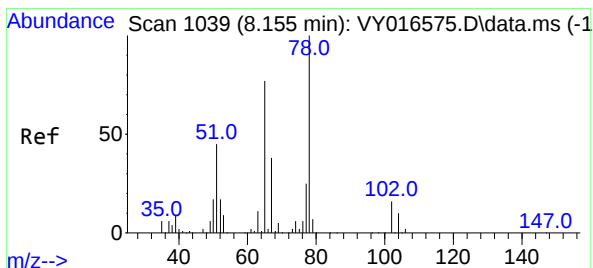
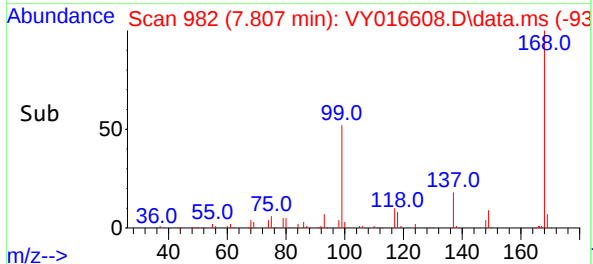
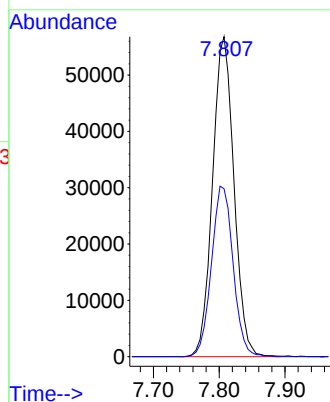
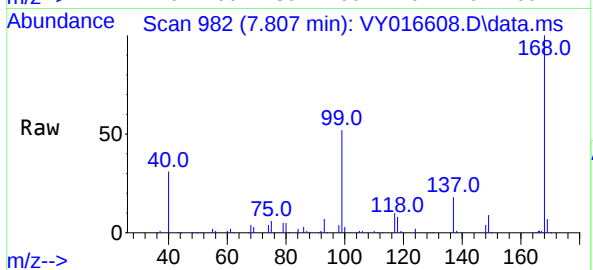




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016608.D
Acq: 06 Dec 2023 11:52

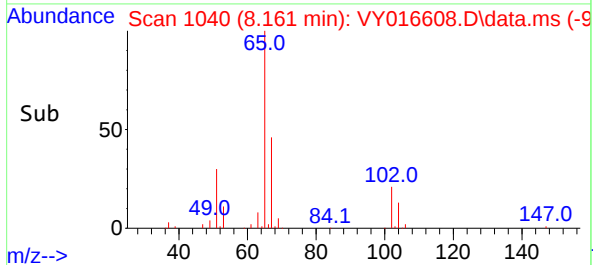
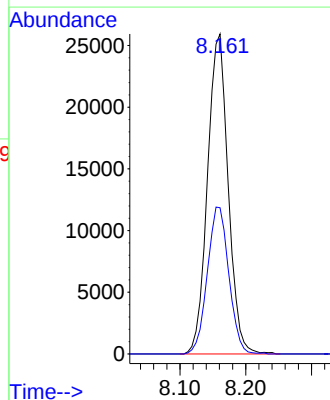
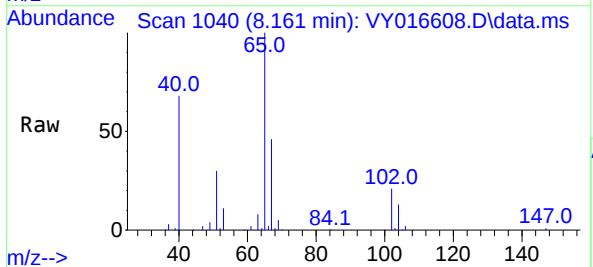
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBL01

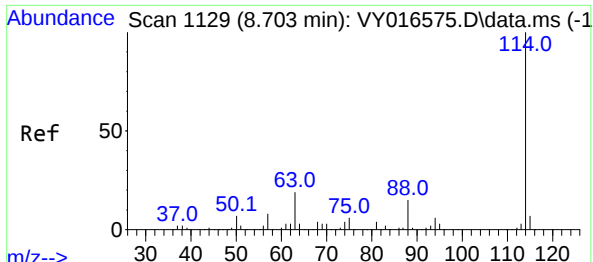
Tgt Ion:168 Resp: 128766
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 47.626 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016608.D
Acq: 06 Dec 2023 11:52

Tgt Ion: 65 Resp: 56682
Ion Ratio Lower Upper
65 100
67 47.8 0.0 101.8

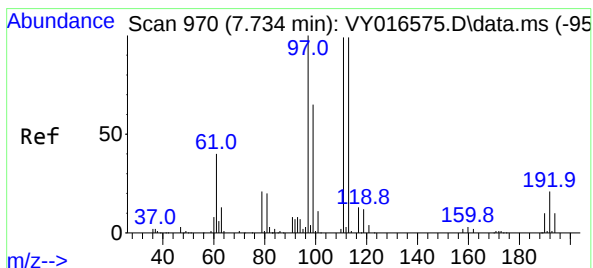
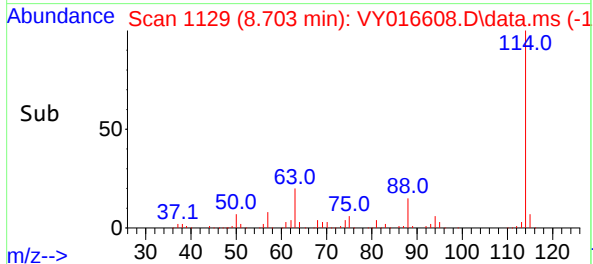
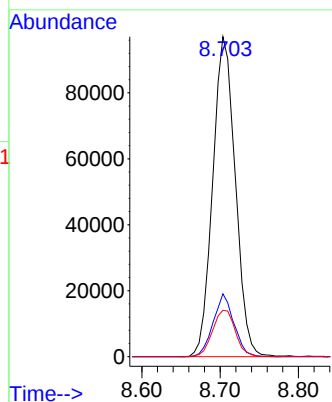
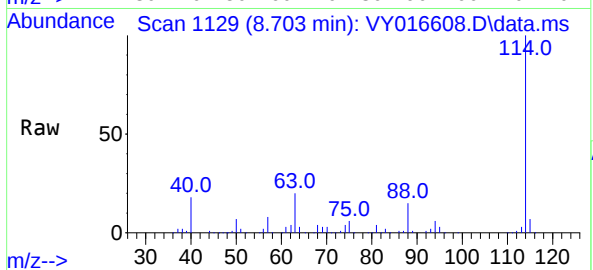




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016608.D
Acq: 06 Dec 2023 11:52

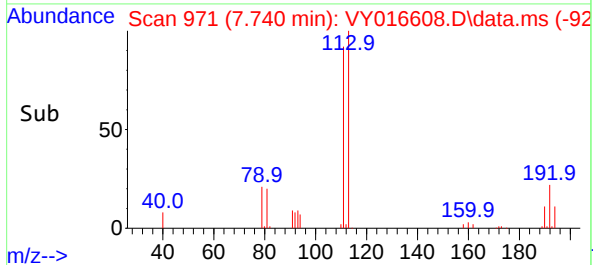
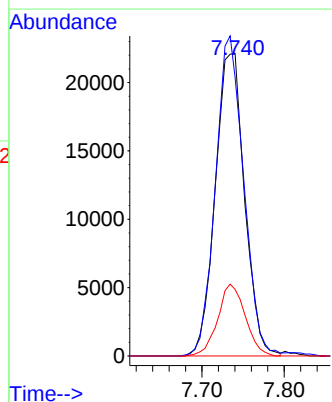
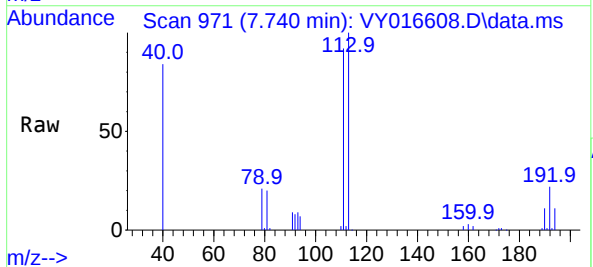
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VY1206SBL01

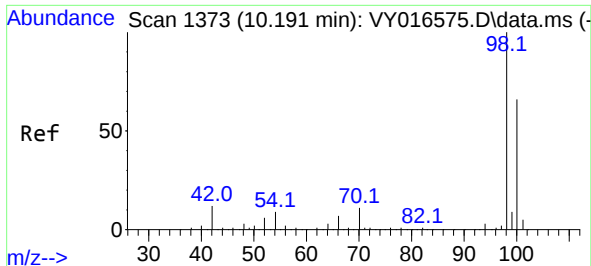
Tgt Ion:114 Resp: 194514
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.780 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY016608.D
Acq: 06 Dec 2023 11:52

Tgt Ion:113 Resp: 54760
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 22.3 16.9 25.3

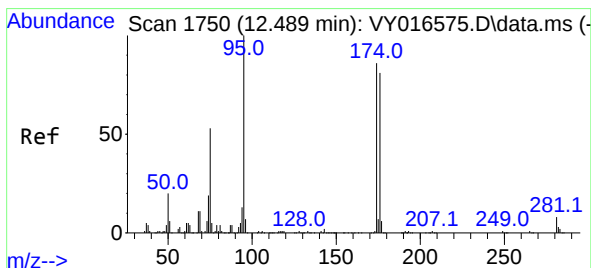
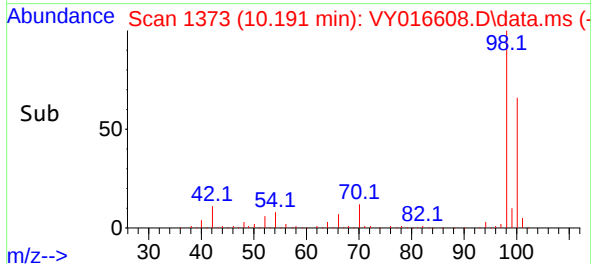
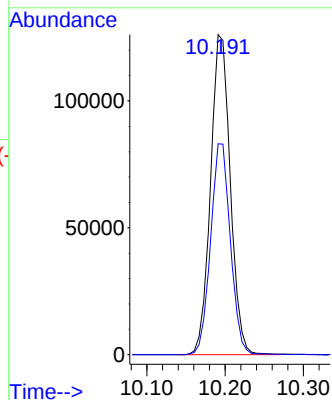
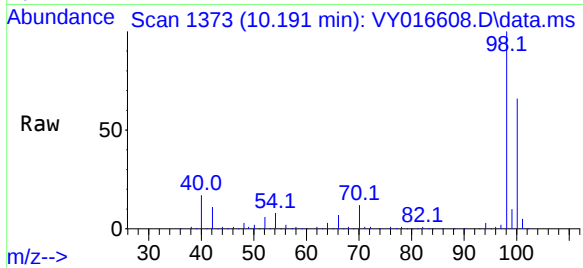




#50
Toluene-d8
Concen: 49.863 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016608.D
Acq: 06 Dec 2023 11:52

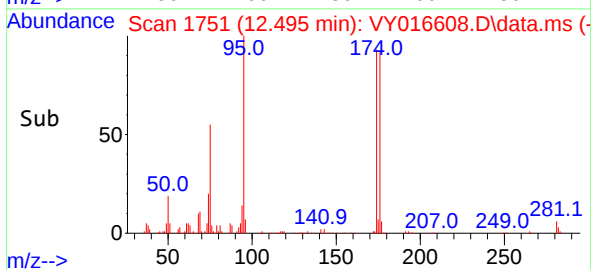
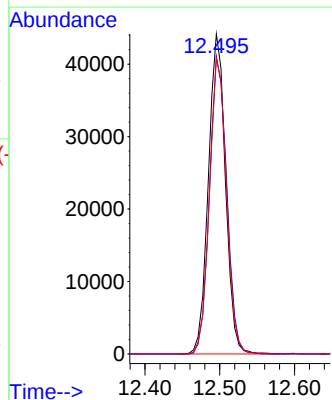
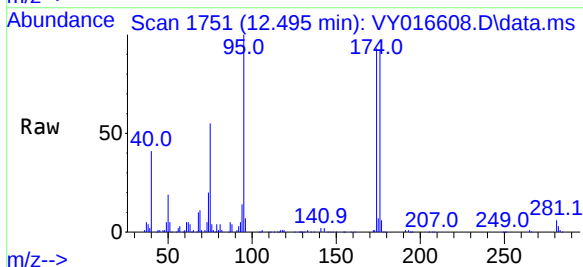
Instrument :
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VY1206SBL01

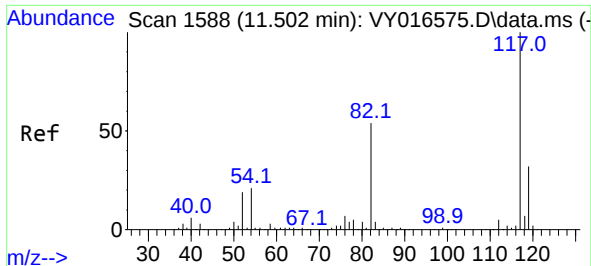
Tgt Ion: 98 Resp: 220783
Ion Ratio Lower Upper
98 100
100 66.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.183 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016608.D
Acq: 06 Dec 2023 11:52

Tgt Ion: 95 Resp: 70159
Ion Ratio Lower Upper
95 100
174 93.8 0.0 178.2
176 91.9 0.0 173.8

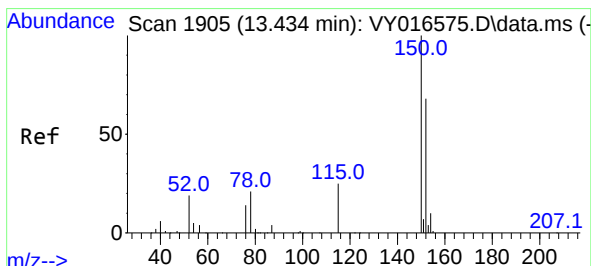
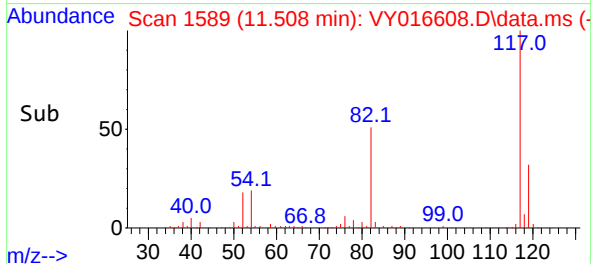
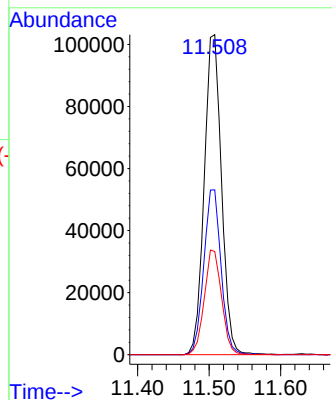
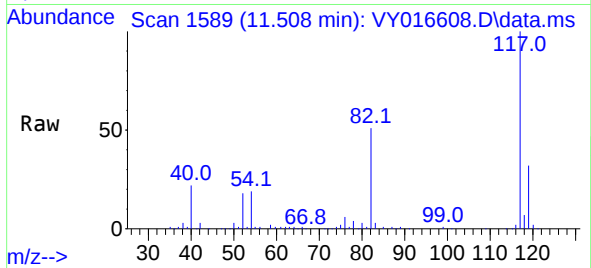




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016608.D
Acq: 06 Dec 2023 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBL01

Tgt Ion:117 Resp: 173114
Ion Ratio Lower Upper
117 100
82 51.5 43.4 65.0
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016608.D
Acq: 06 Dec 2023 11:52

Tgt Ion:152 Resp: 76280
Ion Ratio Lower Upper
152 100
115 56.0 28.8 86.5
150 159.6 0.0 348.8

