

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
 Data File : VY012475.D
 Acq On : 03 Feb 2023 14:26
 Operator : KP/MD
 Sample : 01418-09
 Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-20-020223

Quant Time: Feb 04 00:09:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	169813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	283701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	261808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99371	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	105091	76.767	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.540%
35) Dibromofluoromethane	7.716	113	86525	57.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.200%
50) Toluene-d8	10.179	98	338846	66.535	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	133.060%
62) 4-Bromofluorobenzene	12.483	95	97891	46.226	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.460%

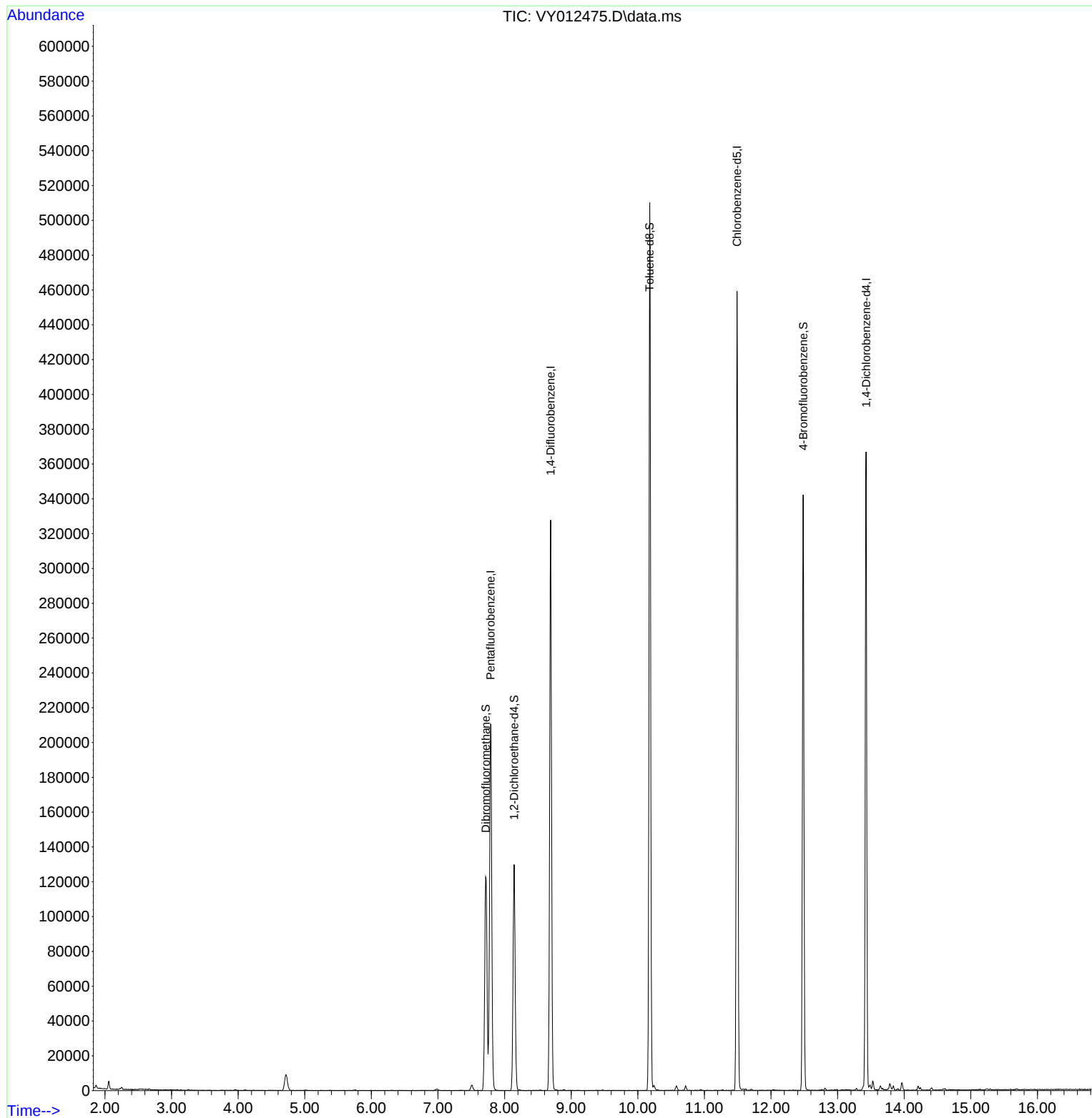
Target Compounds	Qvalue

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

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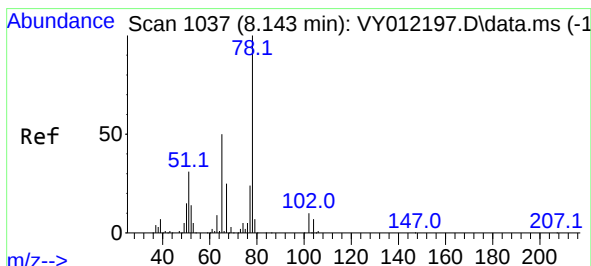
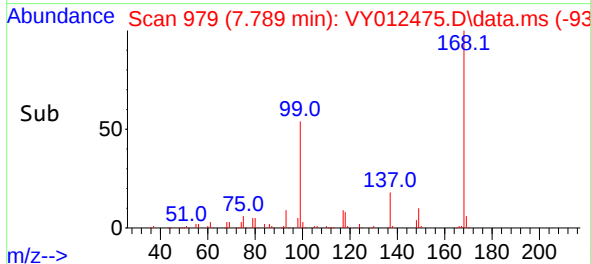
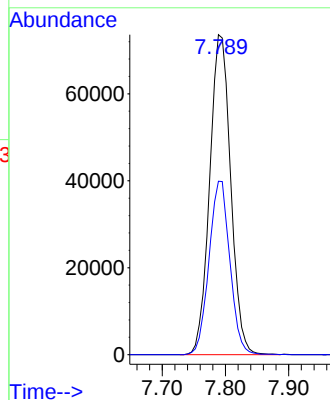
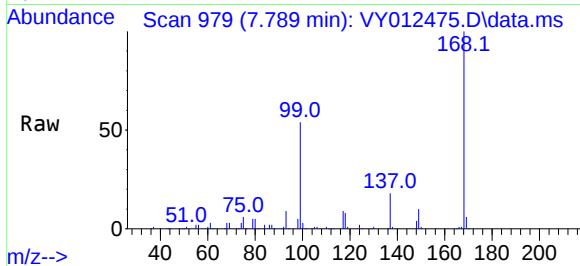




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012475.D
Acq: 03 Feb 2023 14:26

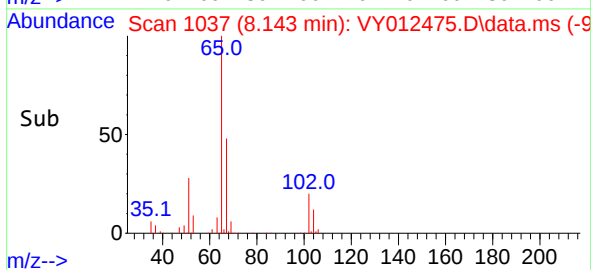
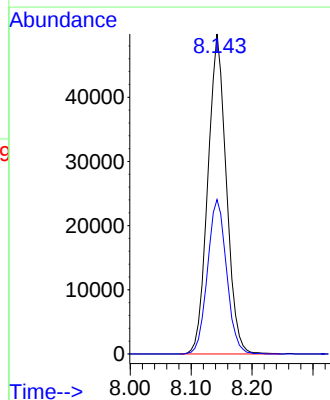
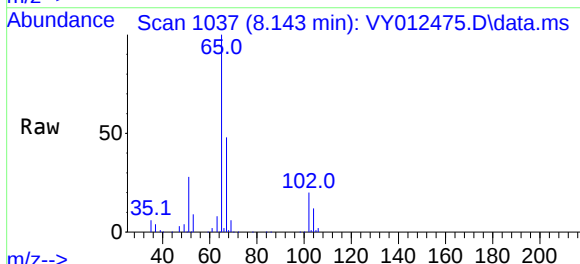
Instrument :
MSVOA_Y
ClientSampleId :
JPP-20-020223

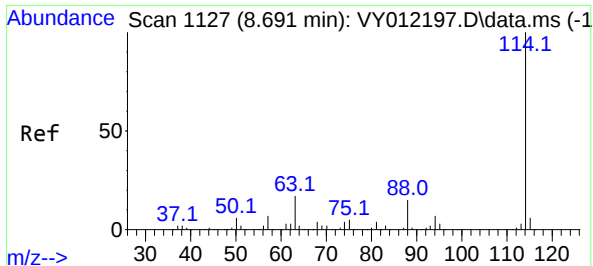
Tgt Ion:168 Resp: 169813
Ion Ratio Lower Upper
168 100
99 54.2 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 76.767 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012475.D
Acq: 03 Feb 2023 14:26

Tgt Ion: 65 Resp: 105091
Ion Ratio Lower Upper
65 100
67 49.6 0.0 103.2

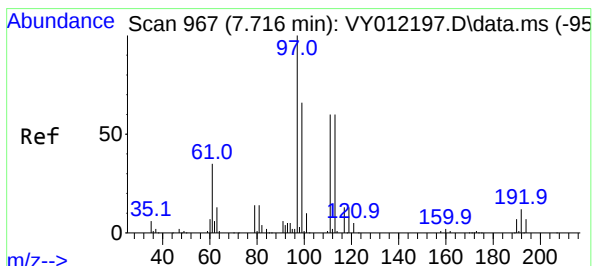
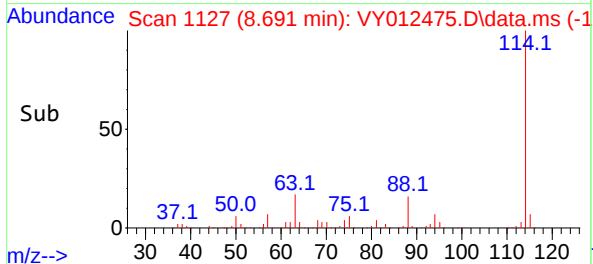
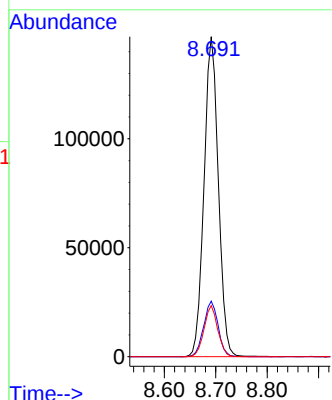
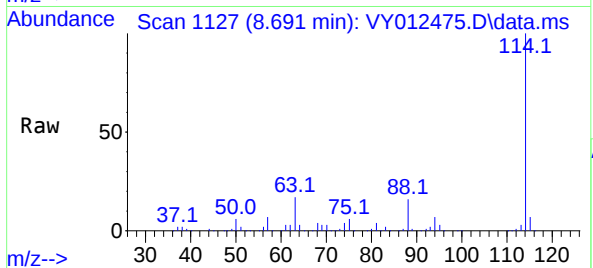




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012475.D
Acq: 03 Feb 2023 14:26

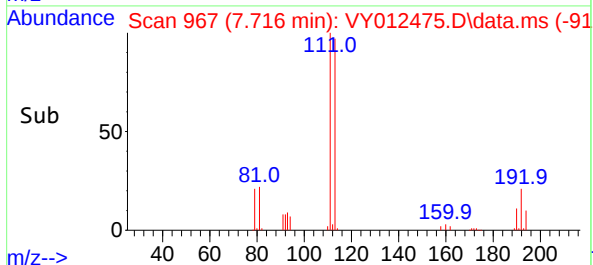
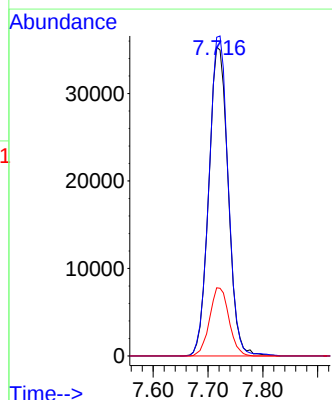
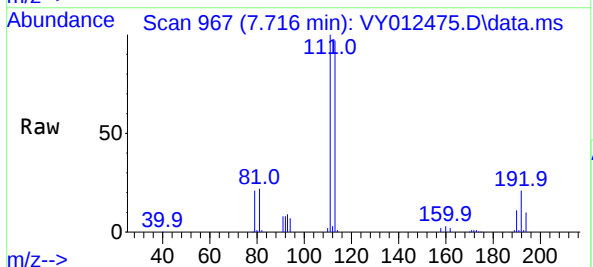
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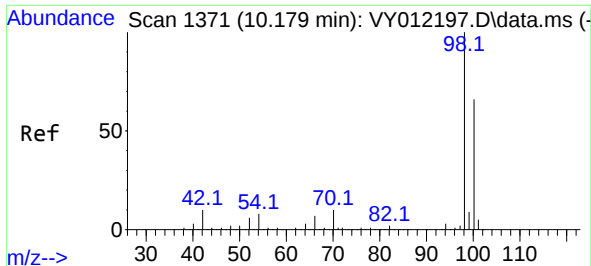
Tgt Ion:114 Resp: 283701
Ion Ratio Lower Upper
114 100
63 17.3 0.0 39.6
88 15.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 57.599 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012475.D
Acq: 03 Feb 2023 14:26

Tgt Ion:113 Resp: 86525
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.4
192 22.0 16.0 24.0

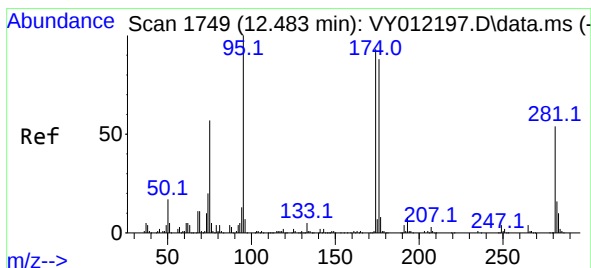
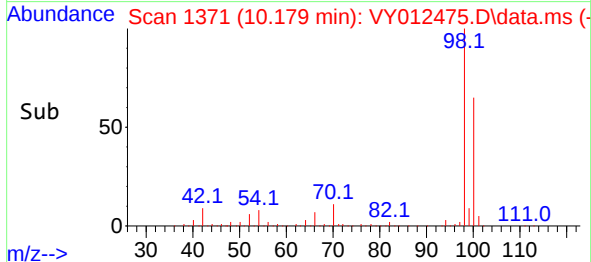
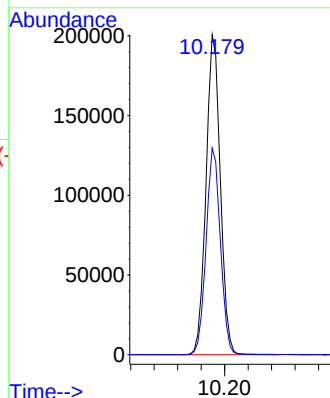
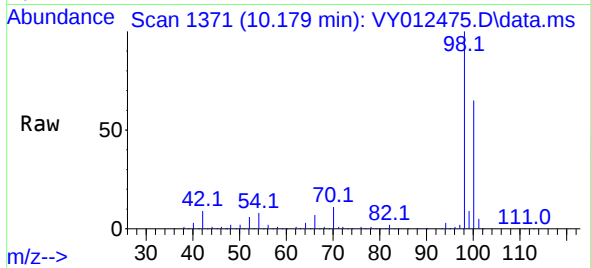




#50
Toluene-d8
Concen: 66.535 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012475.D
Acq: 03 Feb 2023 14:26

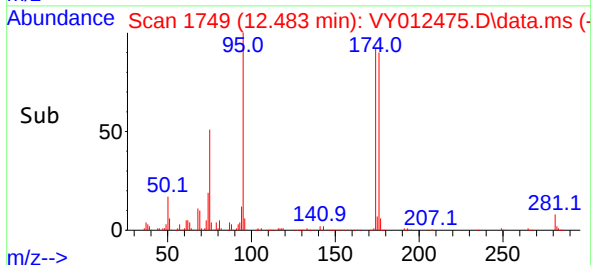
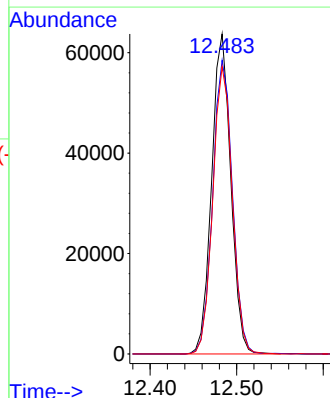
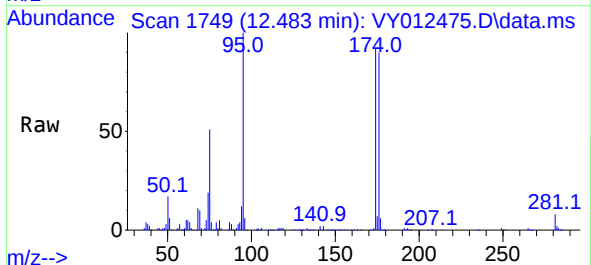
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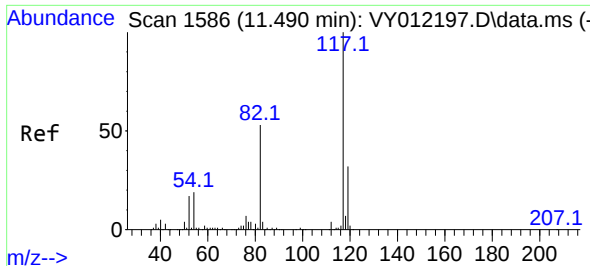
Tgt Ion: 98 Resp: 338846
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.226 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012475.D
Acq: 03 Feb 2023 14:26

Tgt Ion: 95 Resp: 97891
Ion Ratio Lower Upper
95 100
174 94.4 0.0 172.0
176 91.6 0.0 167.6

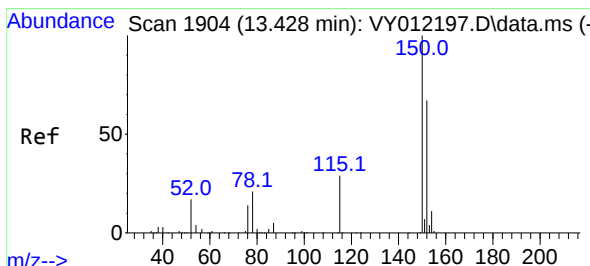
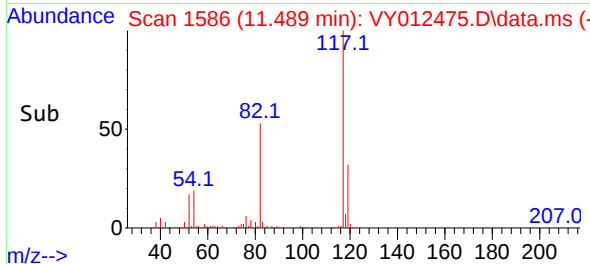
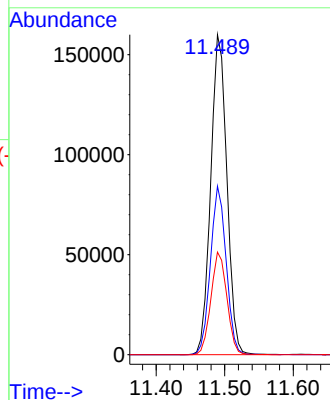
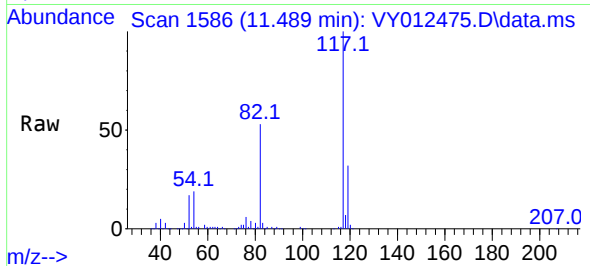




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY012475.D
Acq: 03 Feb 2023 14:26

Instrument :
MSVOA_Y
ClientSampleId :
JPP-20-020223

Tgt Ion:117 Resp: 261808
Ion Ratio Lower Upper
117 100
82 52.7 44.8 67.2
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012475.D
Acq: 03 Feb 2023 14:26

Tgt Ion:152 Resp: 99371
Ion Ratio Lower Upper
152 100
115 56.5 29.1 87.3
150 157.4 0.0 342.6

