

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
 Data File : VY012474.D
 Acq On : 03 Feb 2023 14:03
 Operator : KP/MD
 Sample : 01418-05
 Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-18A-020223

Quant Time: Feb 04 00:08:55 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	167038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	281698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	254733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94948	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	99810	73.973	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.940%
35) Dibromofluoromethane	7.716	113	83384	55.903	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.800%
50) Toluene-d8	10.179	98	328560	64.862	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	129.720%
62) 4-Bromofluorobenzene	12.483	95	94987	45.174	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.340%

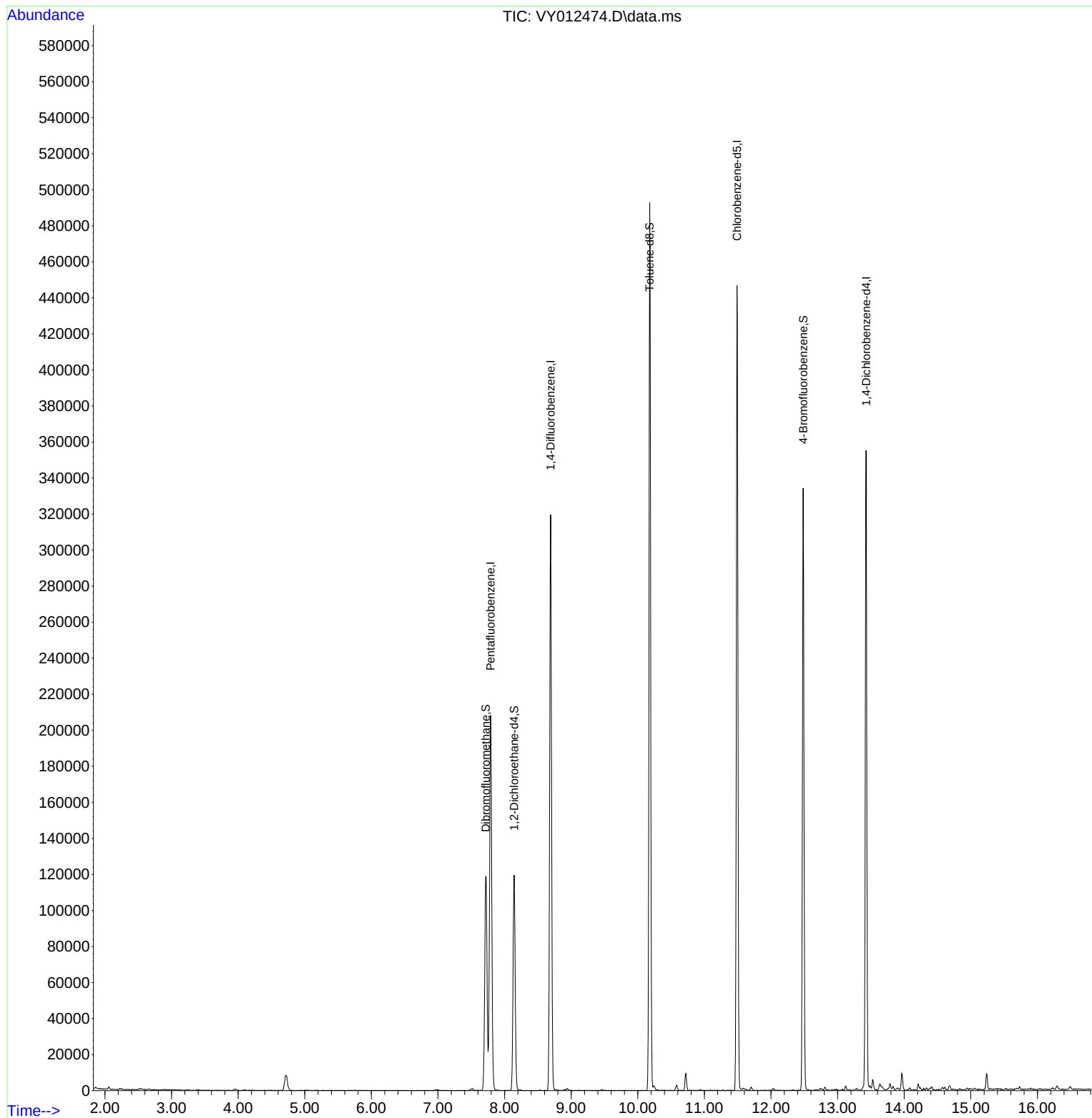
Target Compounds	Qvalue

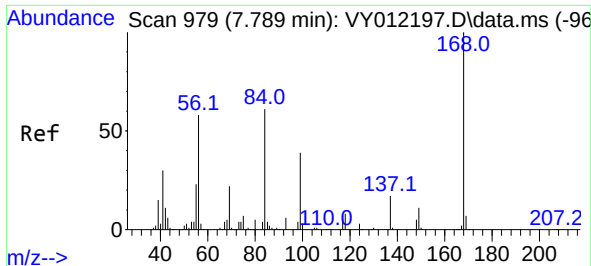
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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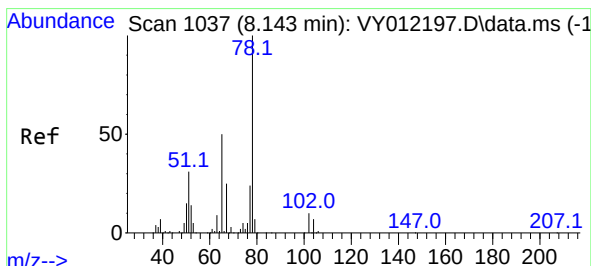
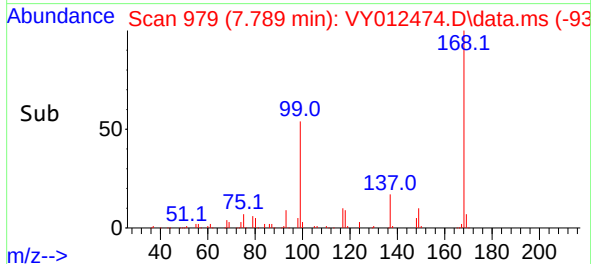
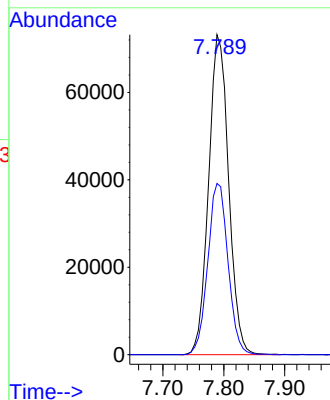
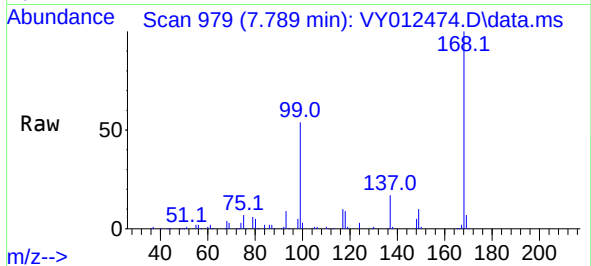




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012474.D
Acq: 03 Feb 2023 14:03

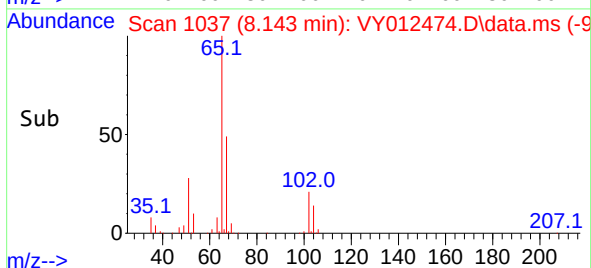
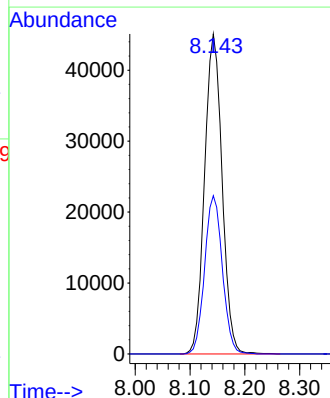
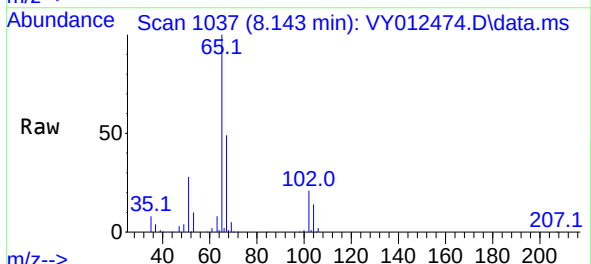
Instrument :
MSVOA_Y
ClientSampleId :
JPP-18A-020223

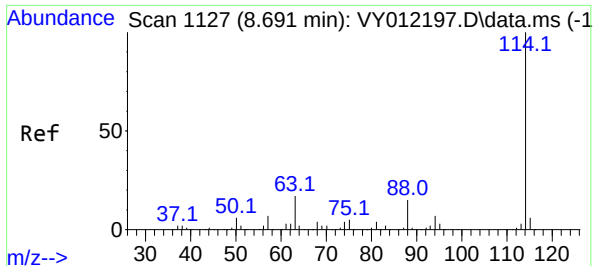
Tgt Ion:168 Resp: 167038
Ion Ratio Lower Upper
168 100
99 53.5 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 73.973 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012474.D
Acq: 03 Feb 2023 14:03

Tgt Ion: 65 Resp: 99810
Ion Ratio Lower Upper
65 100
67 50.1 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: VY012474.D

Acq: 03 Feb 2023 14:03

Instrument :

MSVOA_Y

ClientSampleId :

JPP-18A-020223

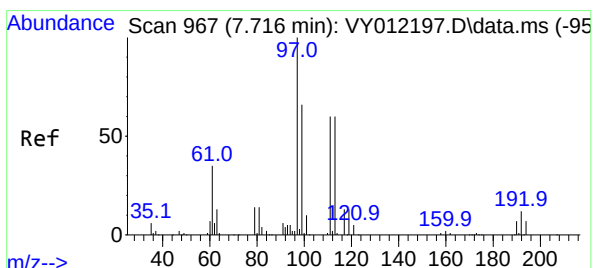
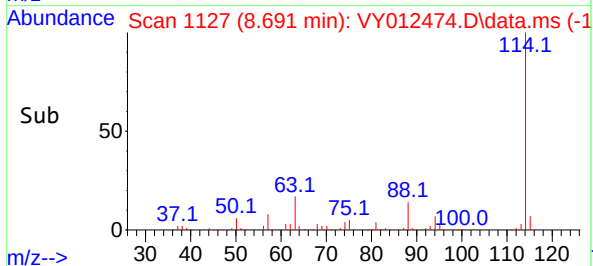
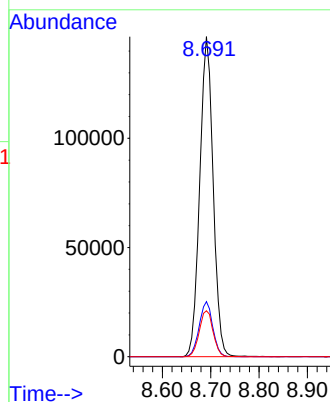
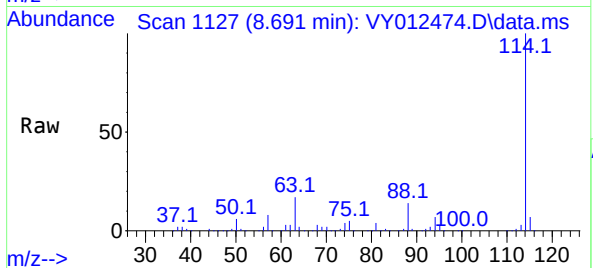
Tgt Ion:114 Resp: 281698

Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.6

88 14.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.903 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012474.D

Acq: 03 Feb 2023 14:03

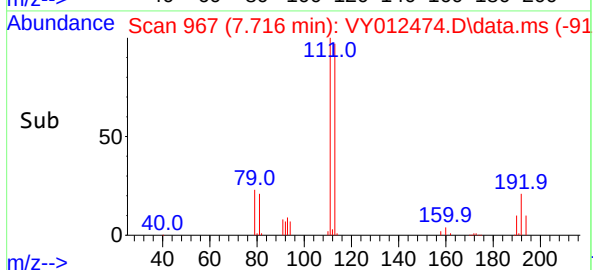
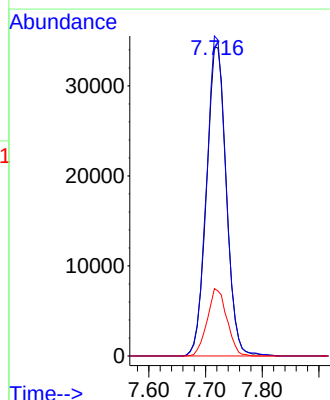
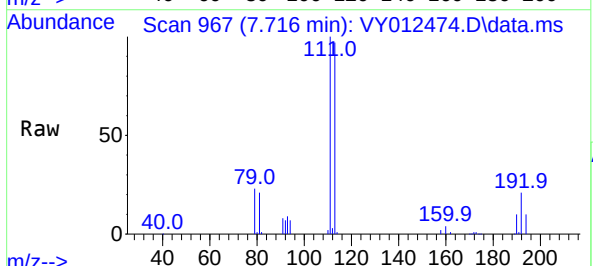
Tgt Ion:113 Resp: 83384

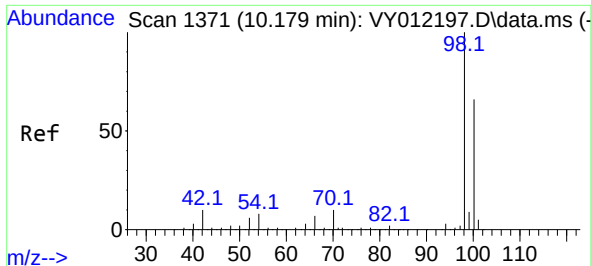
Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.4

192 21.5 16.0 24.0

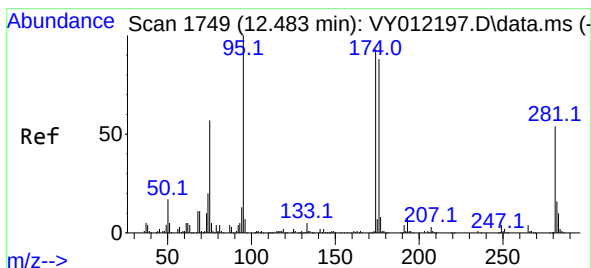
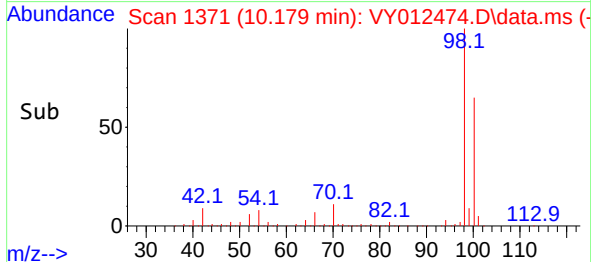
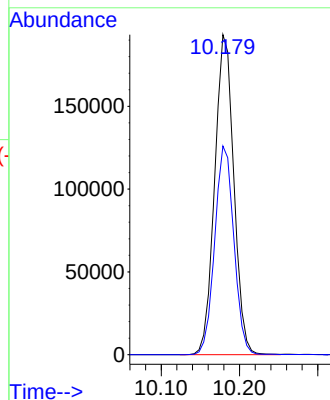
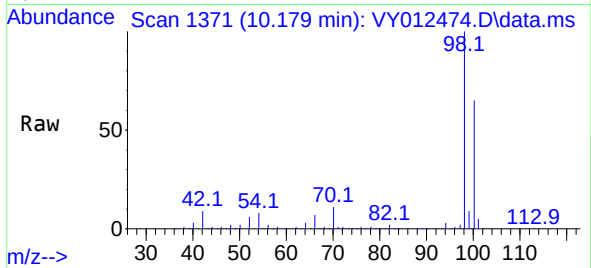




#50
Toluene-d8
Concen: 64.862 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012474.D
Acq: 03 Feb 2023 14:03

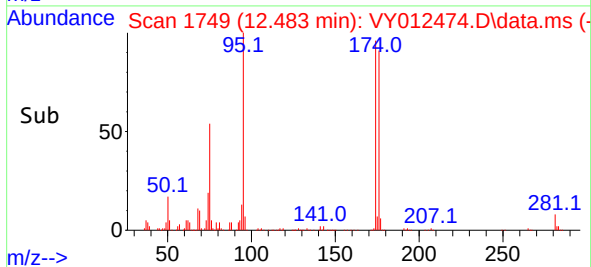
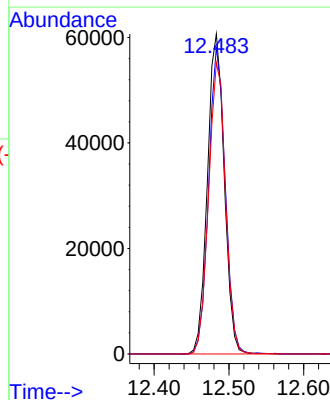
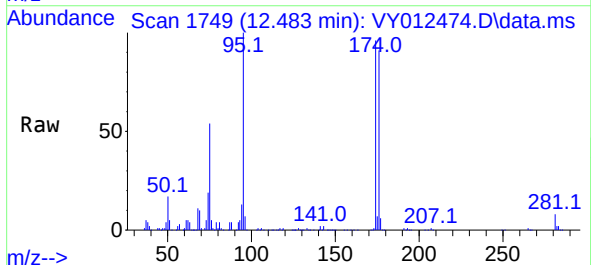
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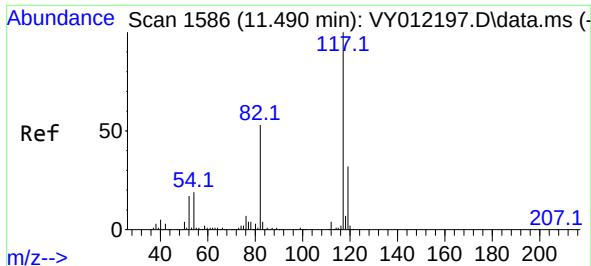
Tgt Ion: 98 Resp: 328560
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.174 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012474.D
Acq: 03 Feb 2023 14:03

Tgt Ion: 95 Resp: 94987
Ion Ratio Lower Upper
95 100
174 94.5 0.0 172.0
176 91.4 0.0 167.6

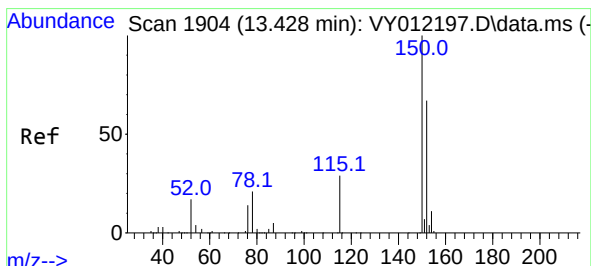
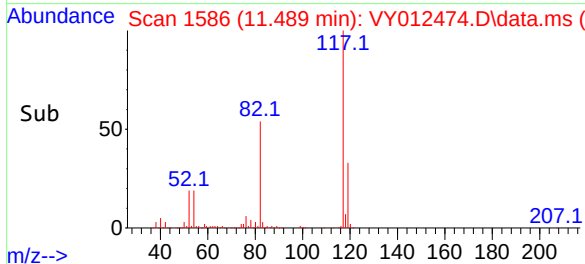
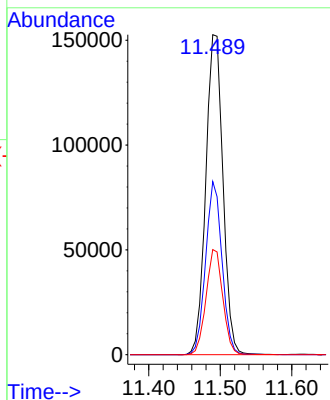
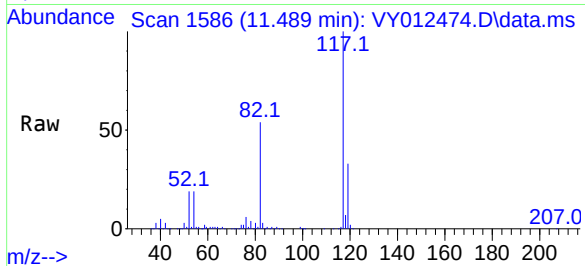




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012474.D
Acq: 03 Feb 2023 14:03

Instrument :
MSVOA_Y
ClientSampleId :
JPP-18A-020223

Tgt Ion:117 Resp: 254733
Ion Ratio Lower Upper
117 100
82 54.1 44.8 67.2
119 32.8 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: VY012474.D
Acq: 03 Feb 2023 14:03

Tgt Ion:152 Resp: 94948
Ion Ratio Lower Upper
152 100
115 56.7 29.1 87.3
150 158.5 0.0 342.6

