

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
 Data File : VY012484.D
 Acq On : 03 Feb 2023 17:57
 Operator : KP/MD
 Sample : 01418-13
 Misc : 7.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-22-020223

Quant Time: Feb 04 00:13:32 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	166660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	279065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	256606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97697	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	101997	75.869	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.740%
35) Dibromofluoromethane	7.715	113	84471	57.166	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.340%
50) Toluene-d8	10.178	98	333267	66.526	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	133.060%
62) 4-Bromofluorobenzene	12.483	95	95395	45.796	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.600%

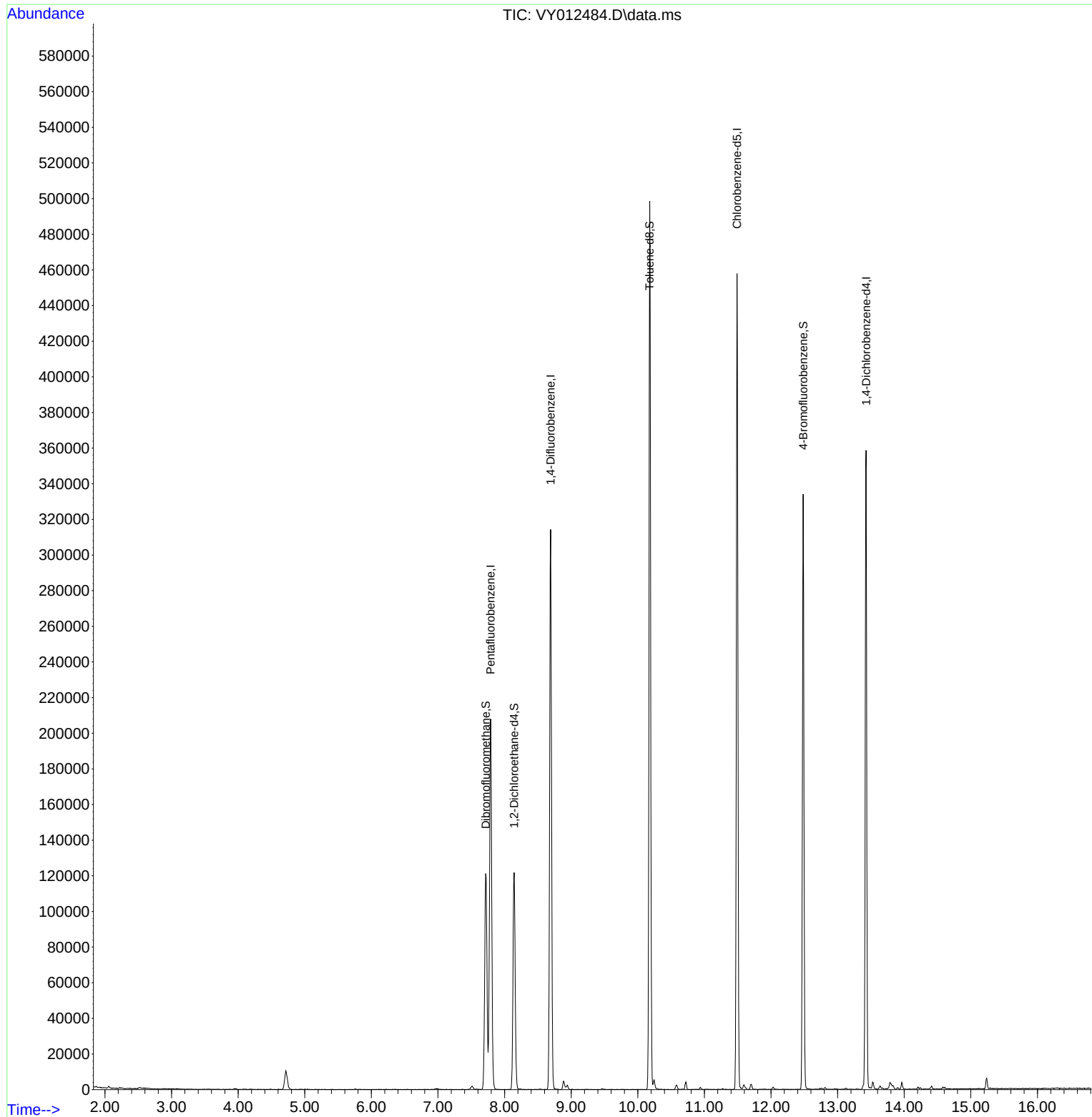
Target Compounds	Qvalue

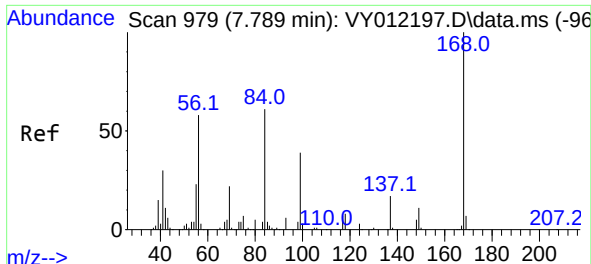
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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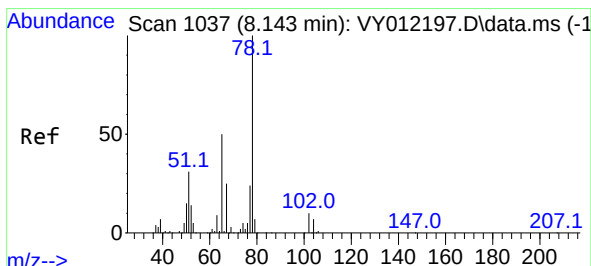
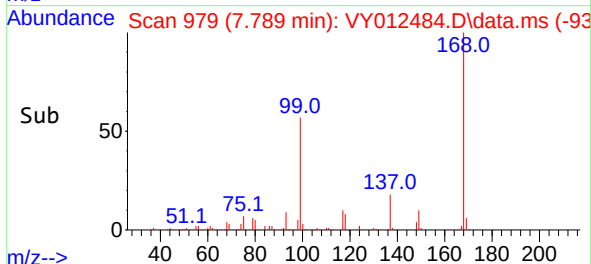
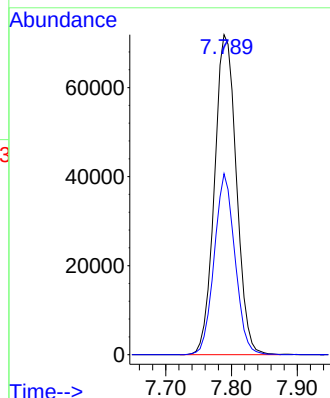
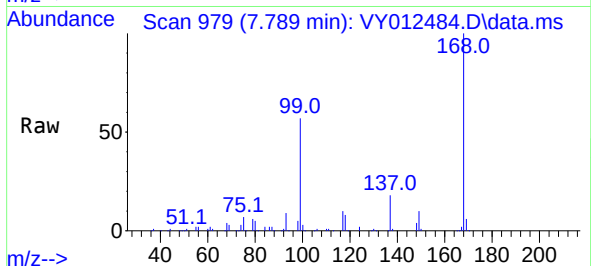




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012484.D
Acq: 03 Feb 2023 17:57

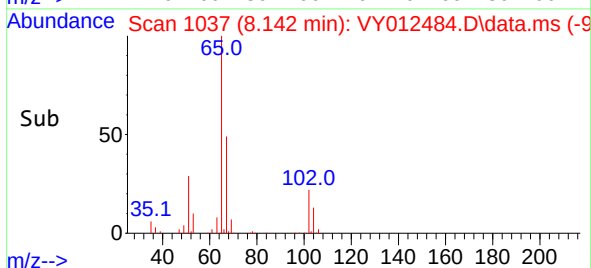
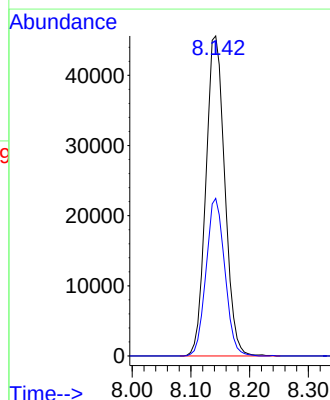
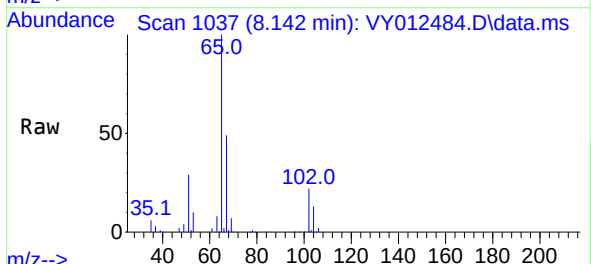
Instrument :
MSVOA_Y
ClientSampleId :
JPP-22-020223

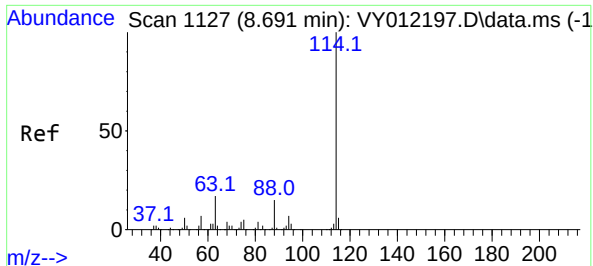
Tgt Ion:168 Resp: 166660
Ion Ratio Lower Upper
168 100
99 56.6 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 75.869 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012484.D
Acq: 03 Feb 2023 17:57

Tgt Ion: 65 Resp: 101997
Ion Ratio Lower Upper
65 100
67 48.8 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: VY012484.D

Acq: 03 Feb 2023 17:57

Instrument :

MSVOA_Y

ClientSampleId :

JPP-22-020223

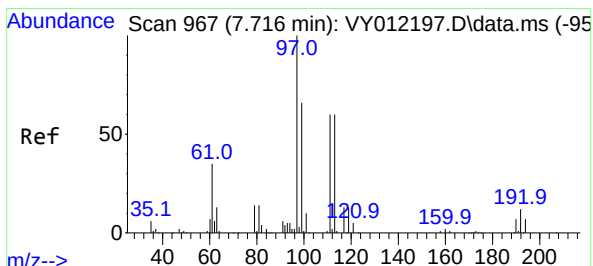
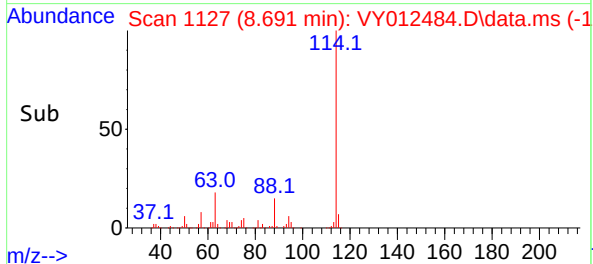
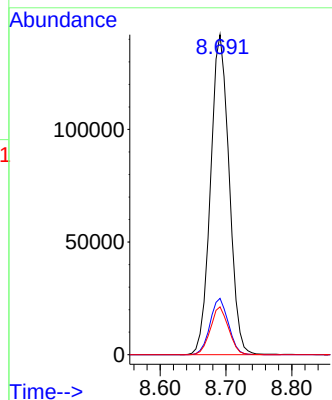
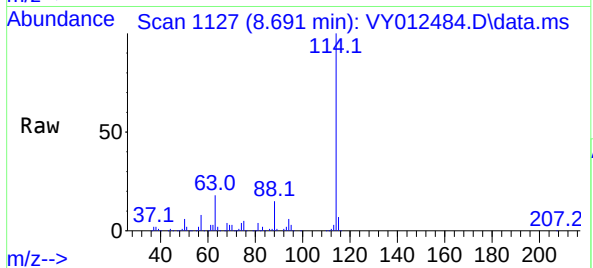
Tgt Ion:114 Resp: 279065

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 15.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 57.166 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY012484.D

Acq: 03 Feb 2023 17:57

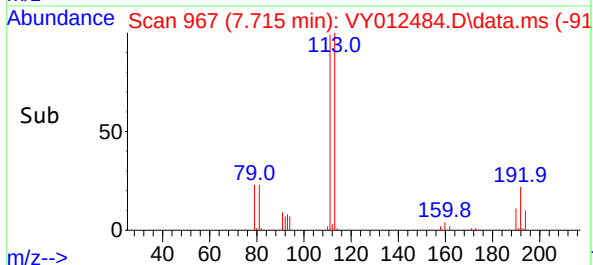
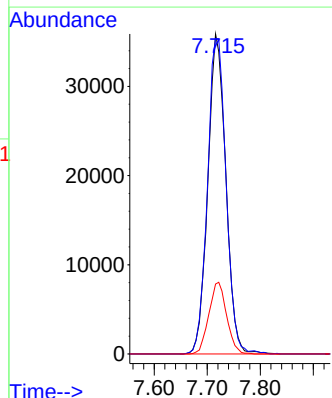
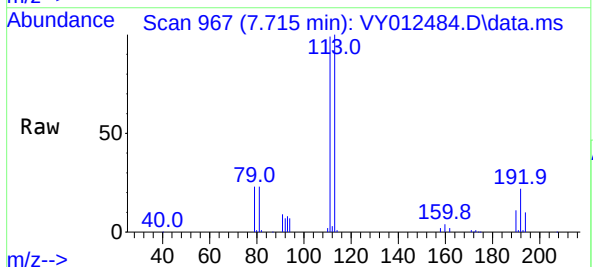
Tgt Ion:113 Resp: 84471

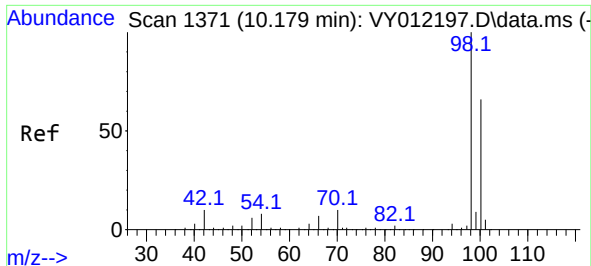
Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.4

192 22.2 16.0 24.0

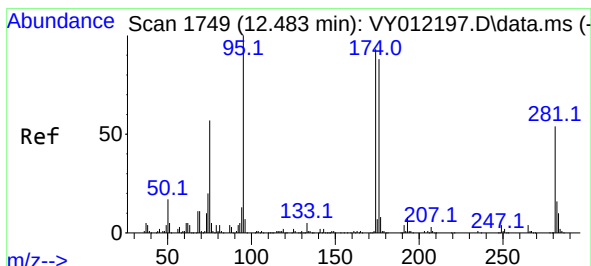
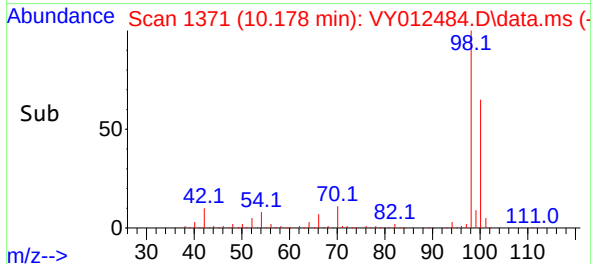
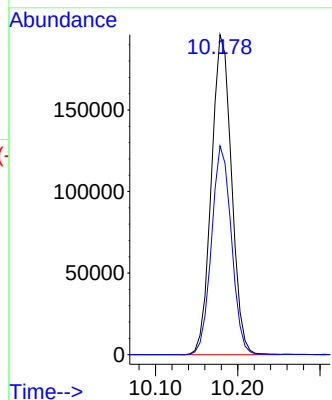
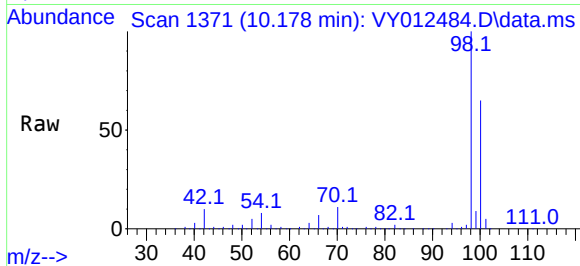




#50
Toluene-d8
Concen: 66.526 ug/l
RT: 10.178 min Scan# 111
Delta R.T. -0.001 min
Lab File: VY012484.D
Acq: 03 Feb 2023 17:57

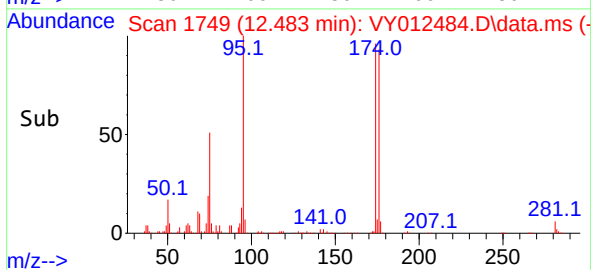
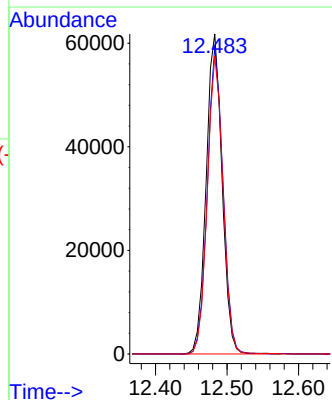
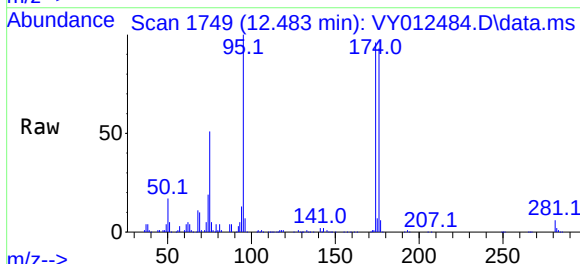
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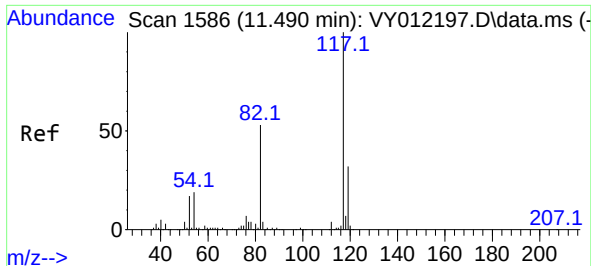
Tgt Ion: 98 Resp: 333267
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.796 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012484.D
Acq: 03 Feb 2023 17:57

Tgt Ion: 95 Resp: 95395
Ion Ratio Lower Upper
95 100
174 94.5 0.0 172.0
176 91.9 0.0 167.6

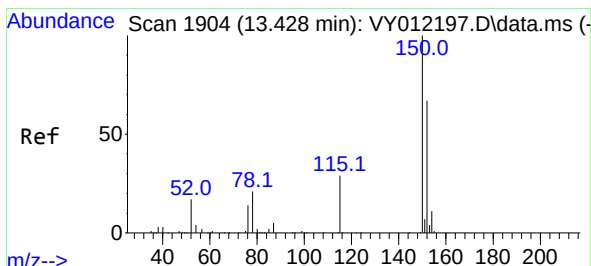
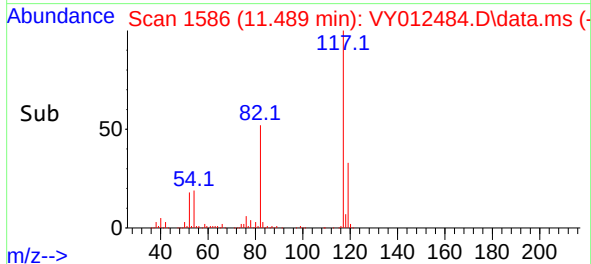
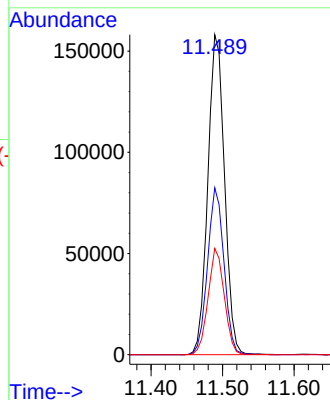
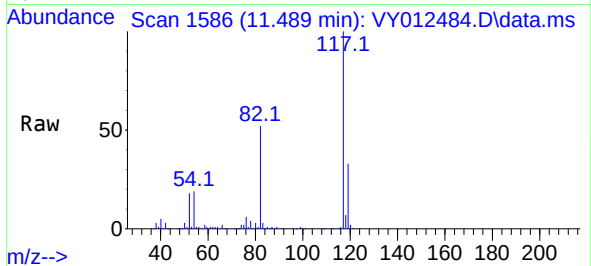




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012484.D
Acq: 03 Feb 2023 17:57

Instrument :
MSVOA_Y
ClientSampleId :
JPP-22-020223

Tgt Ion:117 Resp: 256606
Ion Ratio Lower Upper
117 100
82 52.2 44.8 67.2
119 33.2 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: VY012484.D
Acq: 03 Feb 2023 17:57

Tgt Ion:152 Resp: 97697
Ion Ratio Lower Upper
152 100
115 56.2 29.1 87.3
150 156.7 0.0 342.6

