

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012400.D
 Acq On : 30 Jan 2023 16:11
 Operator : KP/MD
 Sample : 01358-10
 Misc : 4.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-3-012723

Quant Time: Jan 31 01:48:38 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	162276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	267680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	264064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130219	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	104594	80.130	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	160.260%
35) Dibromofluoromethane	7.716	113	80297	56.652	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.300%
50) Toluene-d8	10.179	98	321341	66.898	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	133.800%
62) 4-Bromofluorobenzene	12.477	95	111243	55.676	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.360%

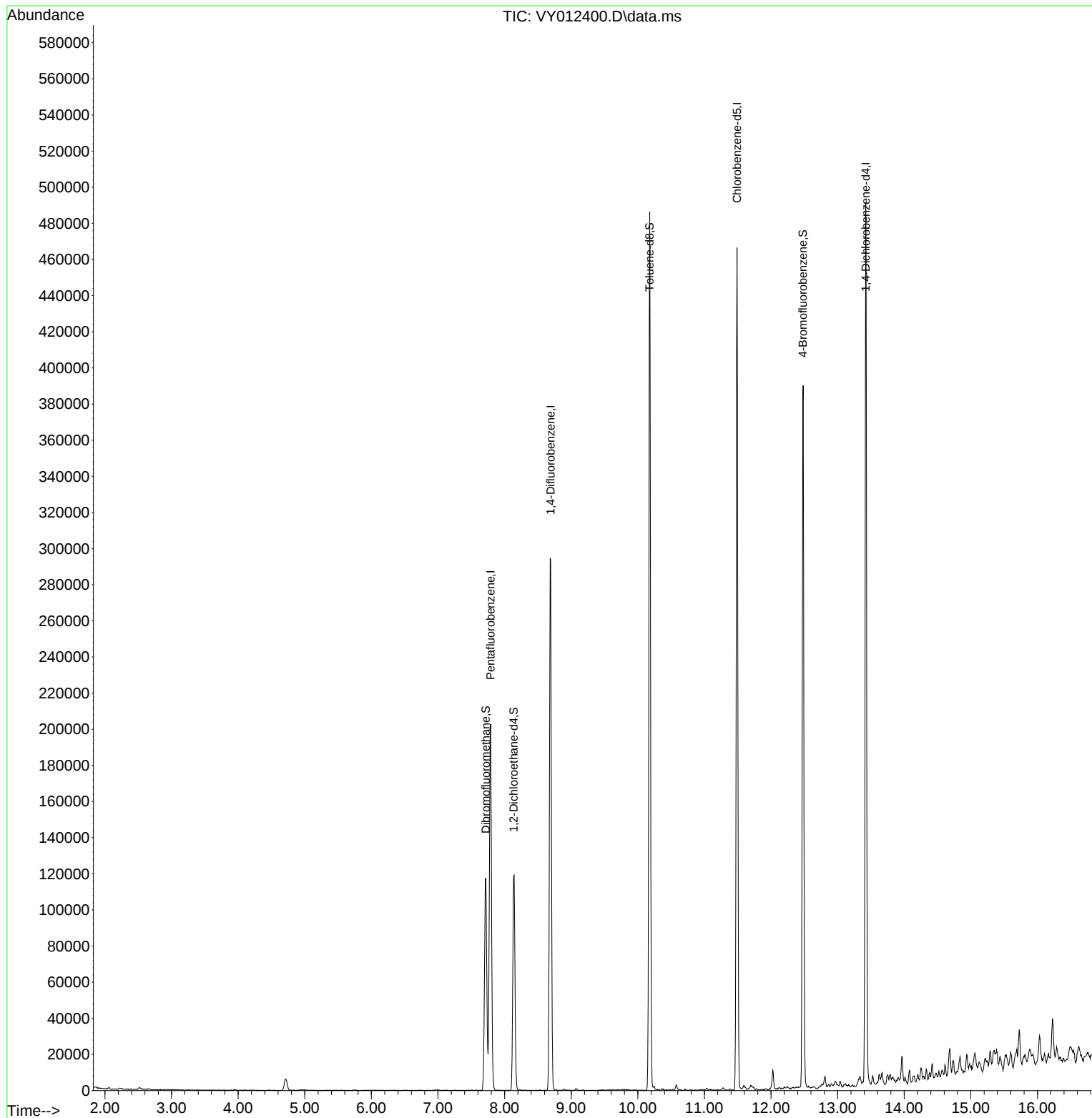
Target Compounds	Qvalue

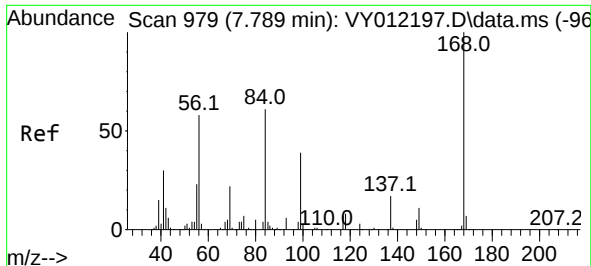
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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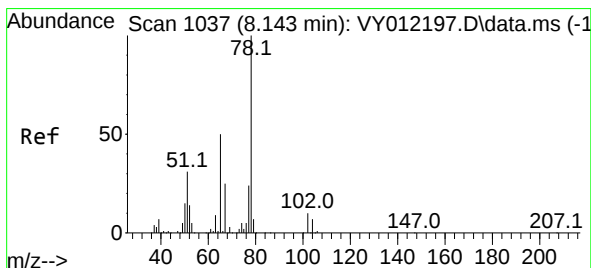
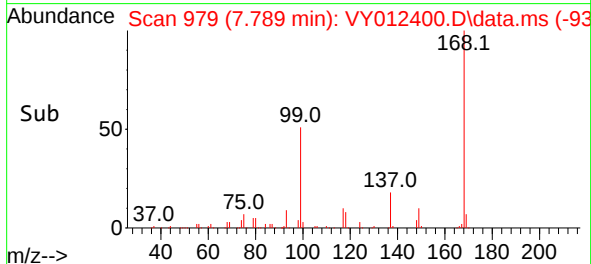
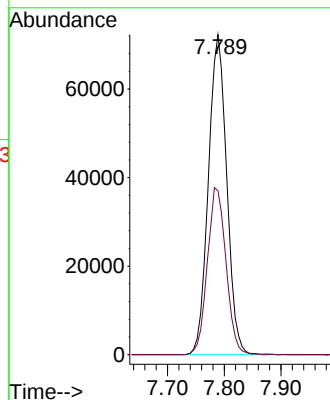
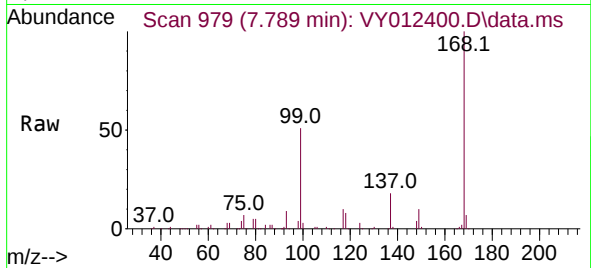




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012400.D
Acq: 30 Jan 2023 16:11

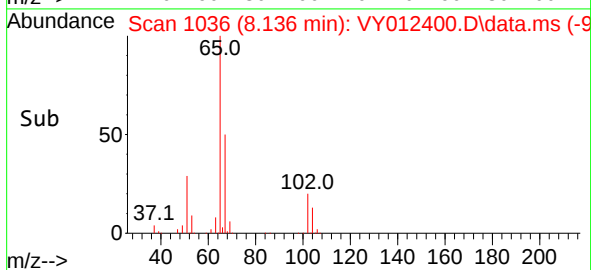
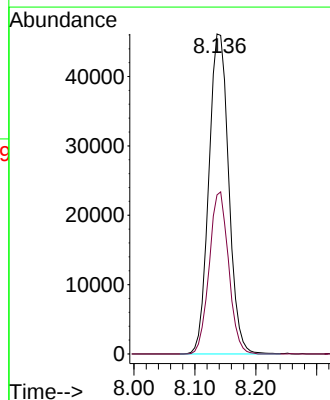
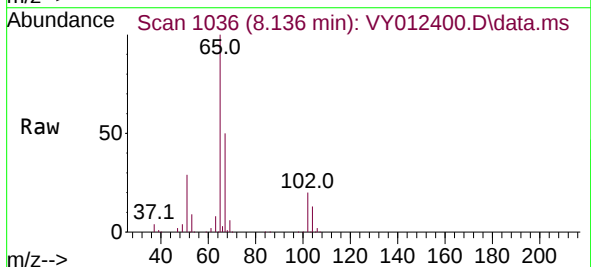
Instrument :
MSVOA_Y
ClientSampleId :
JC-3-012723

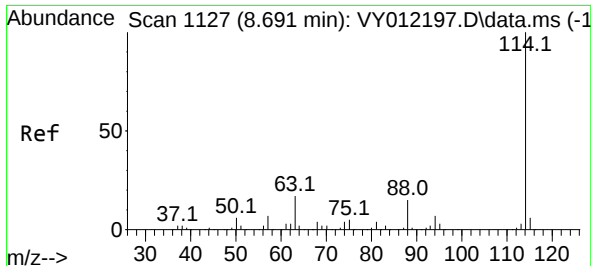
Tgt Ion:168 Resp: 162276
Ion Ratio Lower Upper
168 100
99 51.2 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 80.130 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012400.D
Acq: 30 Jan 2023 16:11

Tgt Ion: 65 Resp: 104594
Ion Ratio Lower Upper
65 100
67 49.3 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: VY012400.D

Acq: 30 Jan 2023 16:11

Instrument :

MSVOA_Y

ClientSampleId :

JC-3-012723

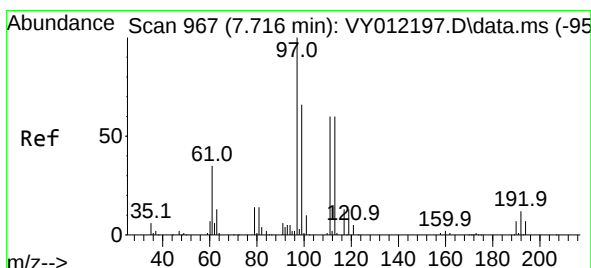
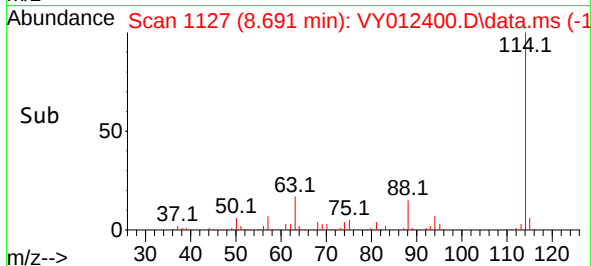
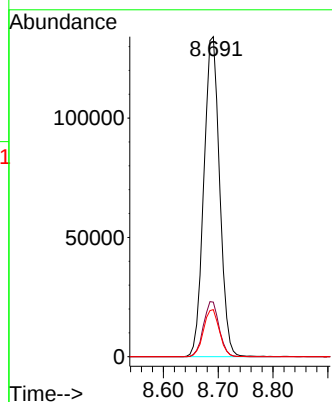
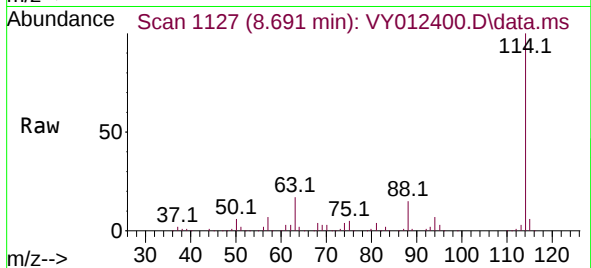
Tgt Ion:114 Resp: 267680

Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 14.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 56.652 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012400.D

Acq: 30 Jan 2023 16:11

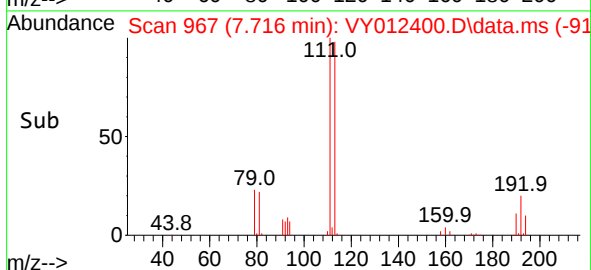
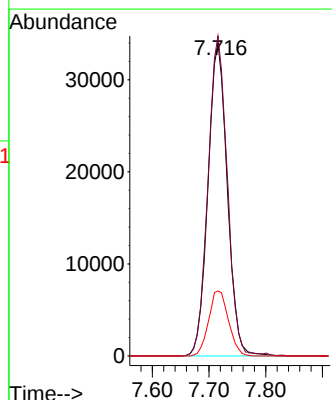
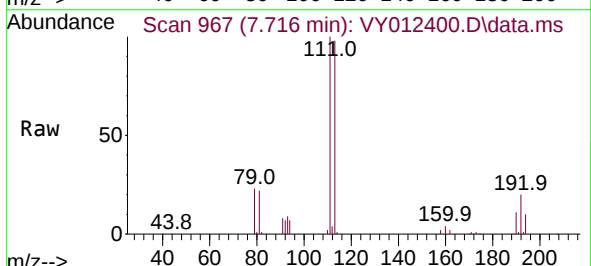
Tgt Ion:113 Resp: 80297

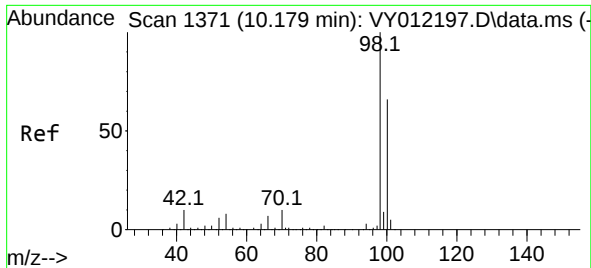
Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

192 21.4 16.0 24.0

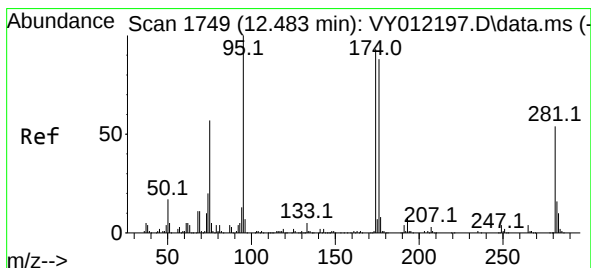
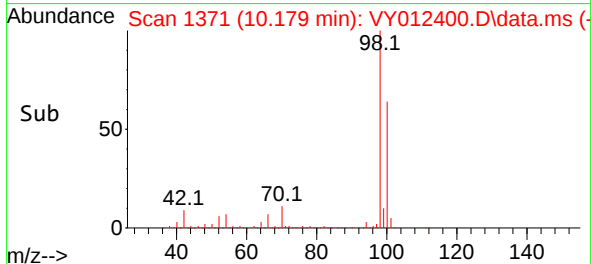
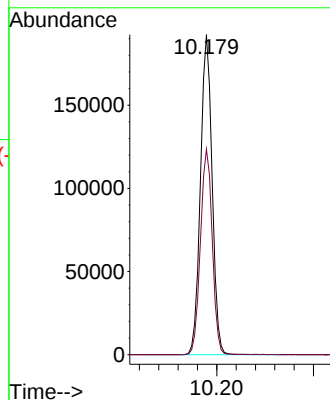
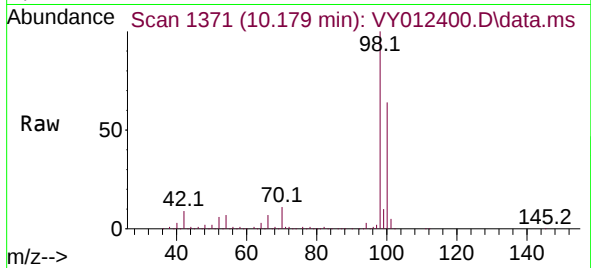




#50
Toluene-d8
Concen: 66.898 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012400.D
Acq: 30 Jan 2023 16:11

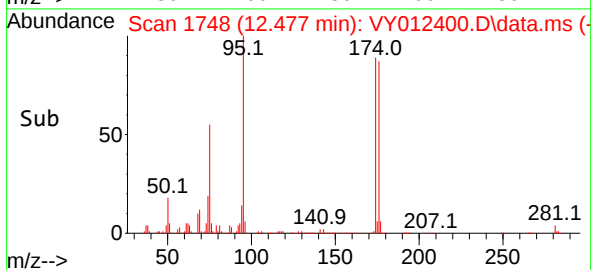
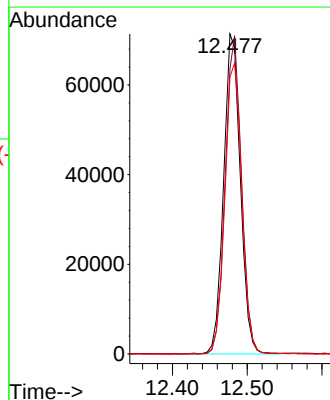
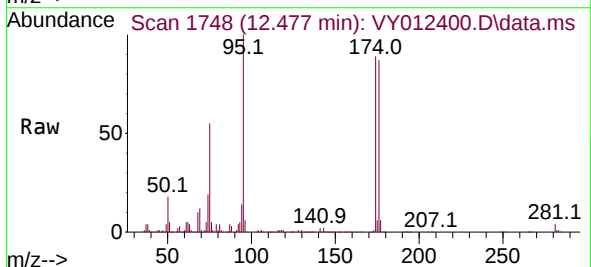
Instrument :
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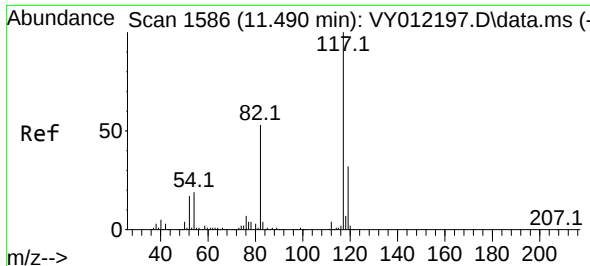
Tgt Ion: 98 Resp: 321341
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 55.676 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012400.D
Acq: 30 Jan 2023 16:11

Tgt Ion: 95 Resp: 111243
Ion Ratio Lower Upper
95 100
174 97.2 0.0 172.0
176 92.0 0.0 167.6

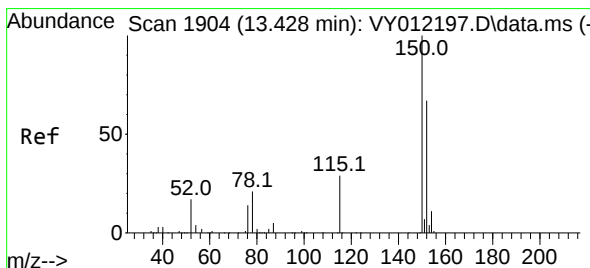
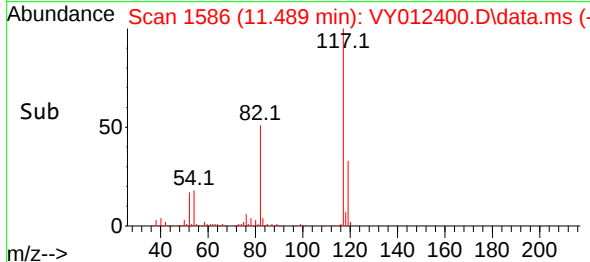
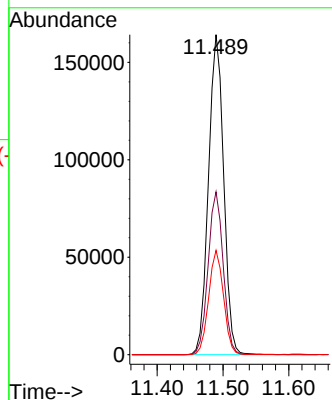
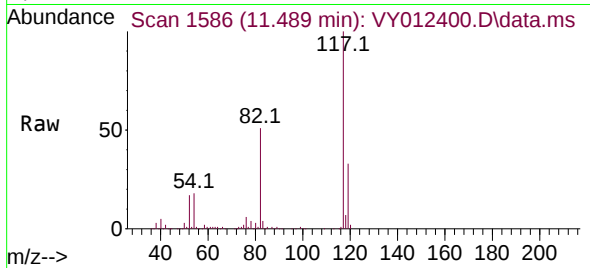




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012400.D
Acq: 30 Jan 2023 16:11

Instrument :
MSVOA_Y
ClientSampleId :
JC-3-012723

Tgt Ion:117 Resp: 264064
Ion Ratio Lower Upper
117 100
82 50.9 44.8 67.2
119 32.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY012400.D
Acq: 30 Jan 2023 16:11

Tgt Ion:152 Resp: 130219
Ion Ratio Lower Upper
152 100
115 57.0 29.1 87.3
150 155.4 0.0 342.6

