

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012781.D
 Acq On : 02 Mar 2023 23:48
 Operator : KP/MD
 Sample : 01742-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR251669

Quant Time: Mar 03 02:03:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	102935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	179630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	120302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	37304	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	73929	72.337	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.680%
35) Dibromofluoromethane	7.716	113	68782	63.448	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.900%
50) Toluene-d8	10.179	98	183107	46.203	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.400%
62) 4-Bromofluorobenzene	12.483	95	42830	32.019	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	64.040%

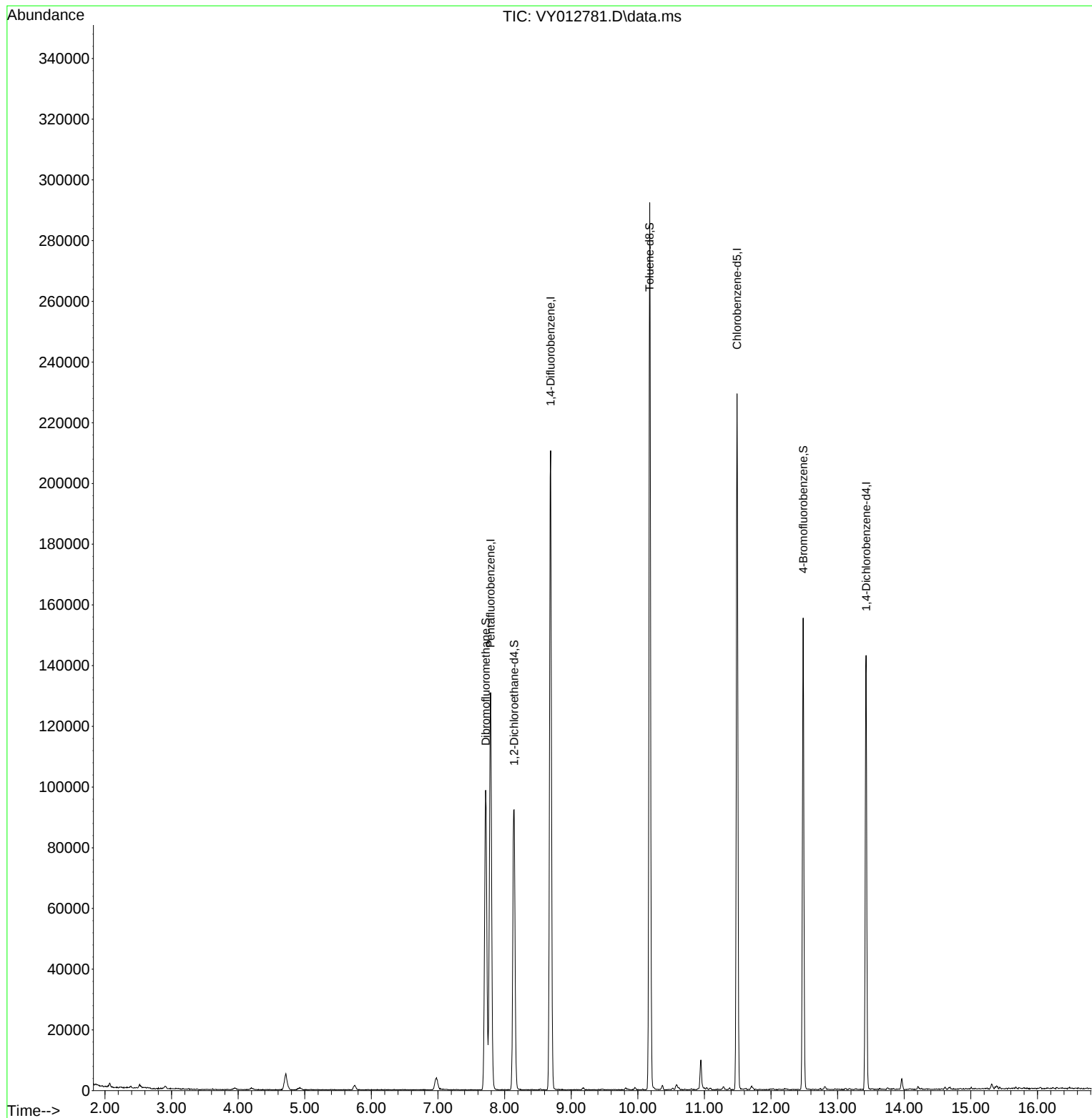
Target Compounds	Qvalue

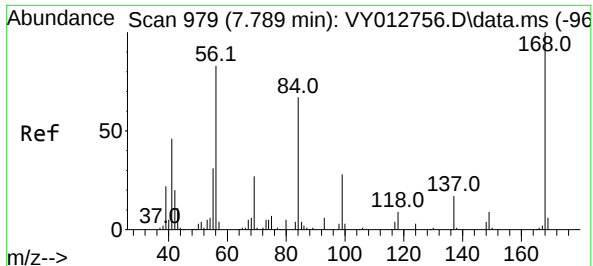
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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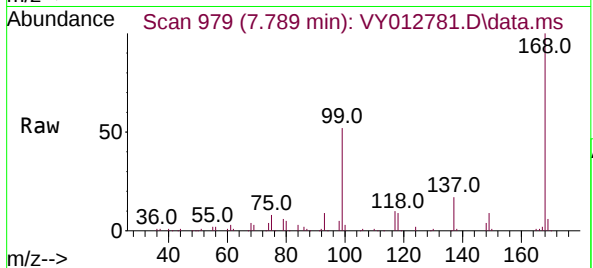
Quant Time: Mar 03 02:03:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
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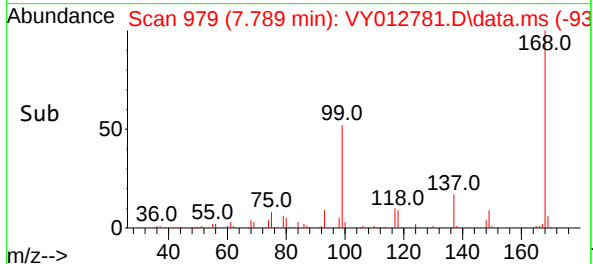
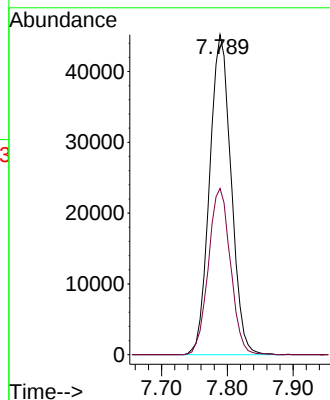


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012781.D
Acq: 02 Mar 2023 23:48

Instrument :
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ClientSampleId :
RBR251669

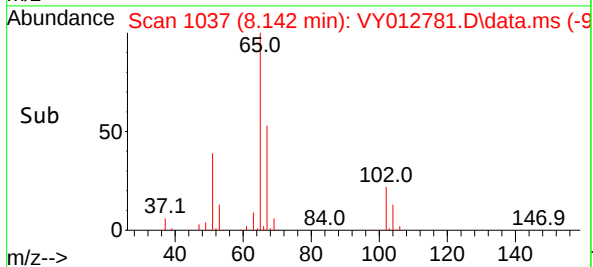
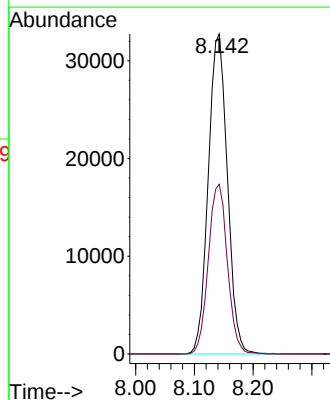
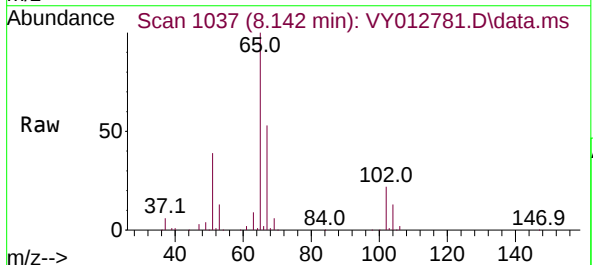


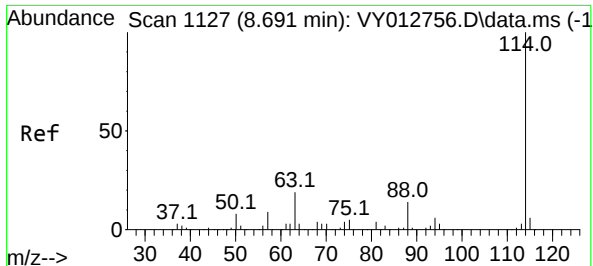
Tgt Ion:168 Resp: 102935
Ion Ratio Lower Upper
168 100
99 51.9 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 72.337 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012781.D
Acq: 02 Mar 2023 23:48

Tgt Ion: 65 Resp: 73929
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012781.D

Acq: 02 Mar 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

RBR251669

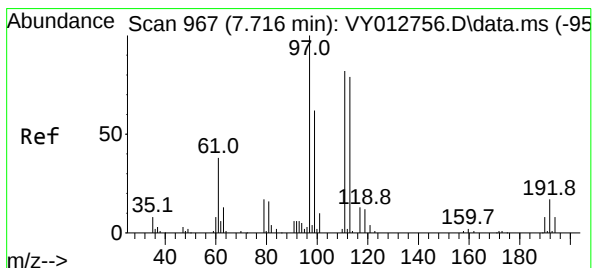
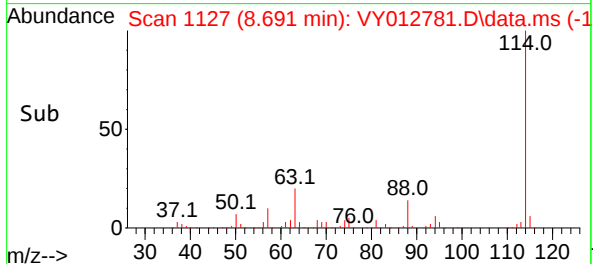
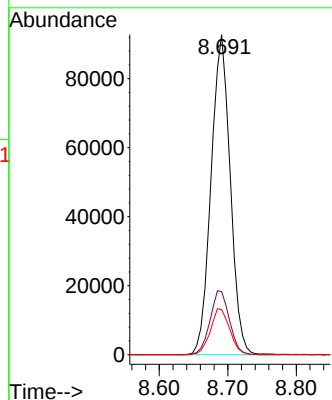
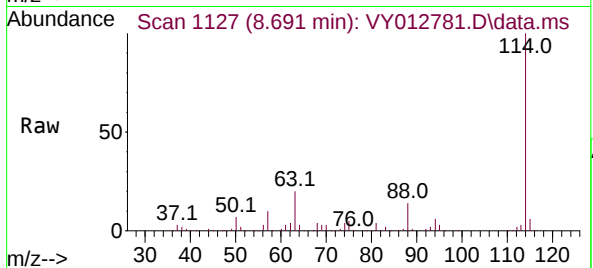
Tgt Ion:114 Resp: 179630

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 63.448 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012781.D

Acq: 02 Mar 2023 23:48

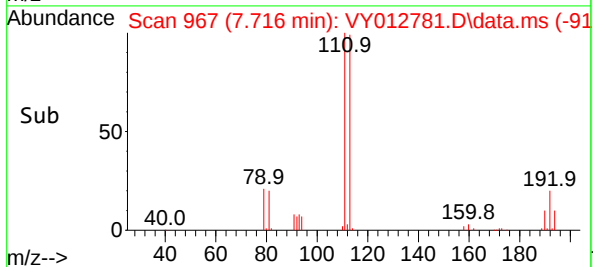
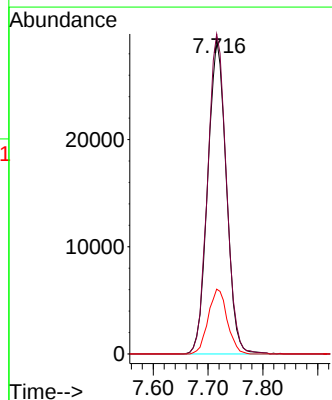
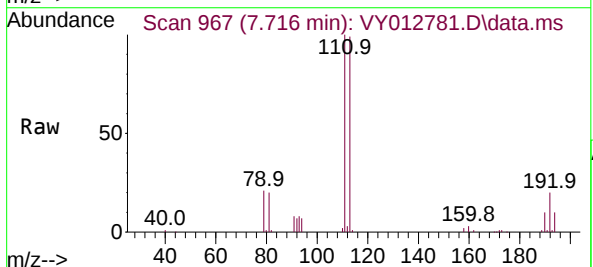
Tgt Ion:113 Resp: 68782

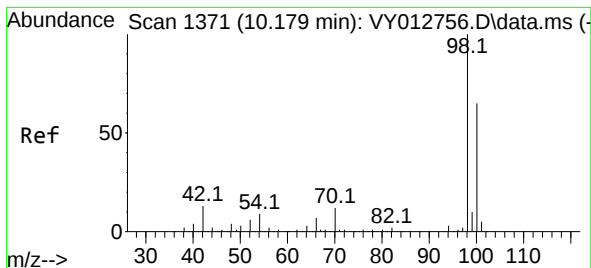
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

192 21.0 16.8 25.2





#50

Toluene-d8

Concen: 46.203 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012781.D

Acq: 02 Mar 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

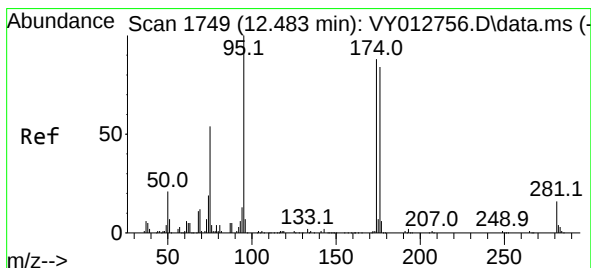
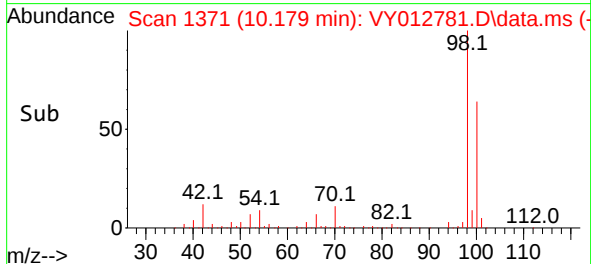
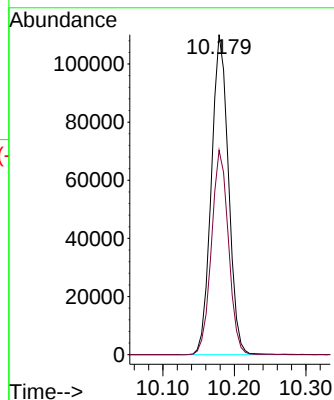
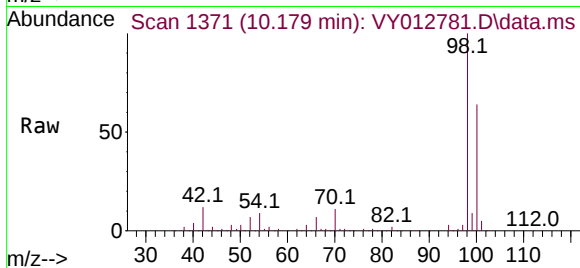
RBR251669

Tgt Ion: 98 Resp: 183107

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 32.019 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012781.D

Acq: 02 Mar 2023 23:48

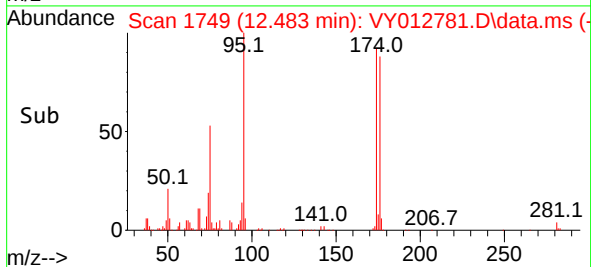
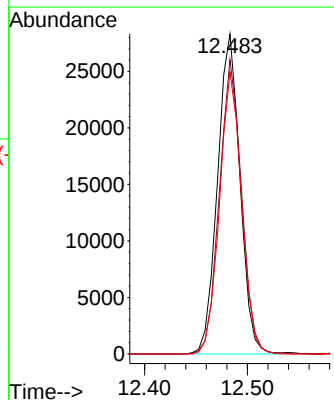
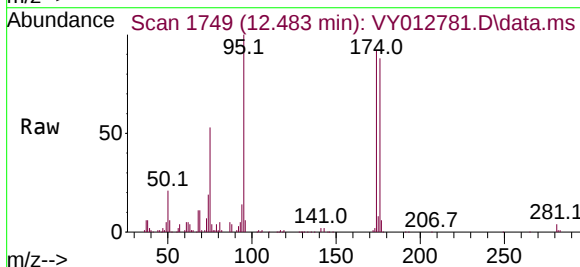
Tgt Ion: 95 Resp: 42830

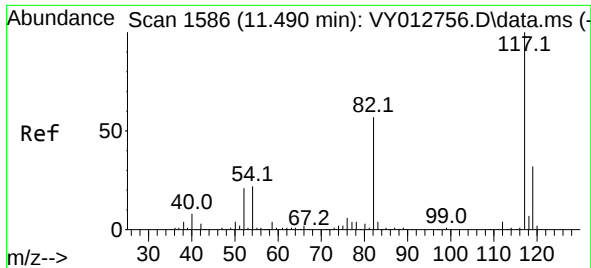
Ion Ratio Lower Upper

95 100

174 90.7 0.0 176.6

176 86.8 0.0 170.2

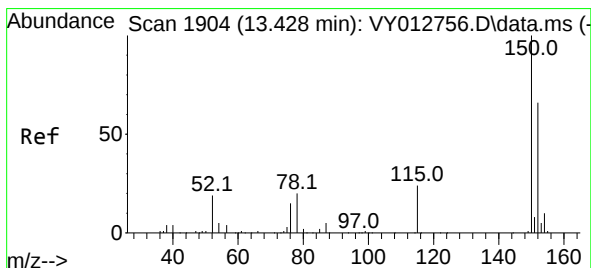
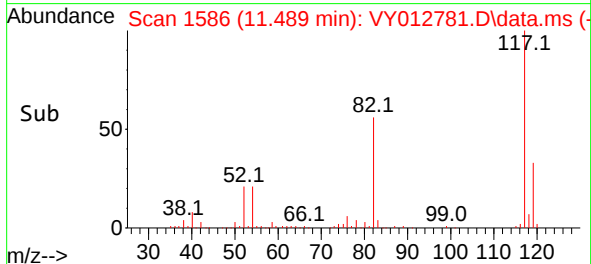
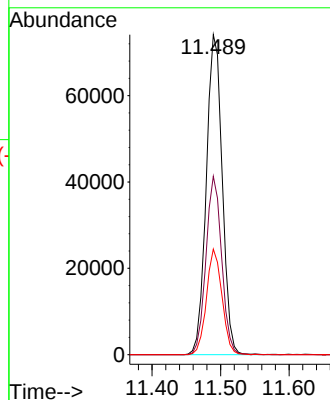
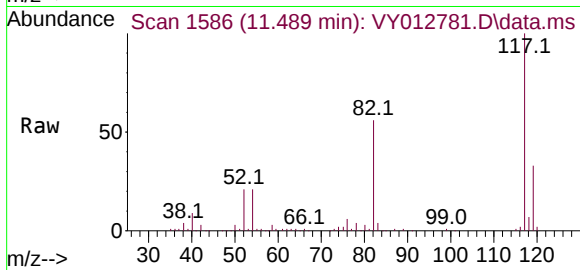




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012781.D
Acq: 02 Mar 2023 23:48

Instrument :
MSVOA_Y
ClientSampleId :
RBR251669

Tgt Ion:117 Resp: 120302
Ion Ratio Lower Upper
117 100
82 55.7 45.4 68.0
119 33.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012781.D
Acq: 02 Mar 2023 23:48

Tgt Ion:152 Resp: 37304
Ion Ratio Lower Upper
152 100
115 55.3 27.1 81.3
150 157.2 0.0 347.8

