

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013630.D
 Acq On : 05 May 2023 17:05
 Operator : KP/MD
 Sample : 02588-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ZONE-B-3-6-05012023

Quant Time: May 08 00:25:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	221693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	375443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	368036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169819	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	163111	67.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.240%
35) Dibromofluoromethane	7.716	113	130848	55.412	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.820%
50) Toluene-d8	10.179	98	455231	54.192	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.380%
62) 4-Bromofluorobenzene	12.477	95	154134	54.427	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.860%

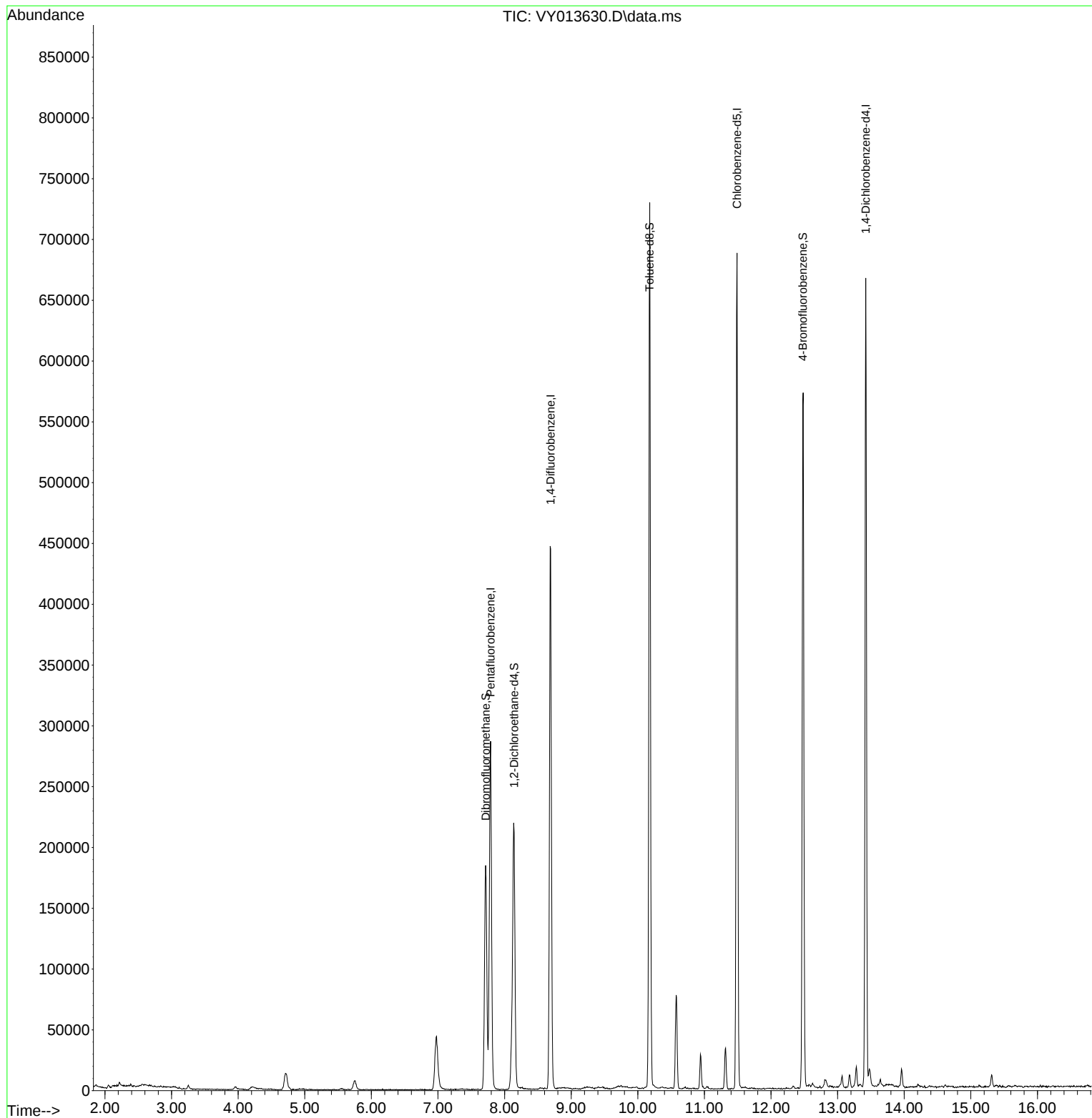
Target Compounds	Qvalue

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

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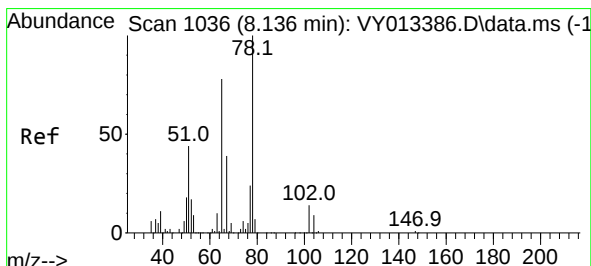
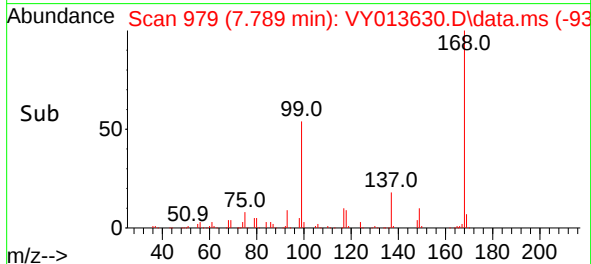
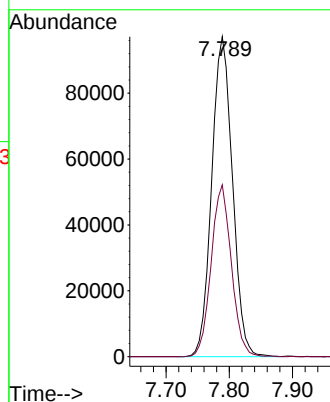
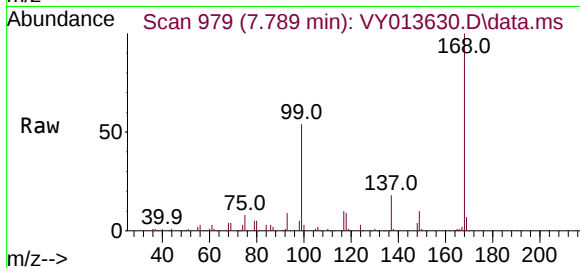




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013630.D
Acq: 05 May 2023 17:05

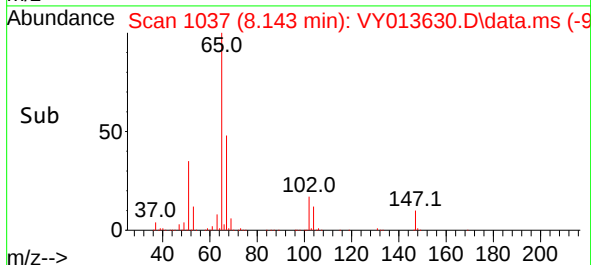
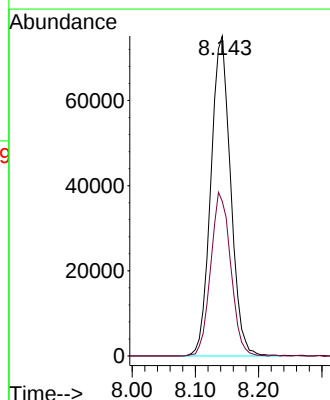
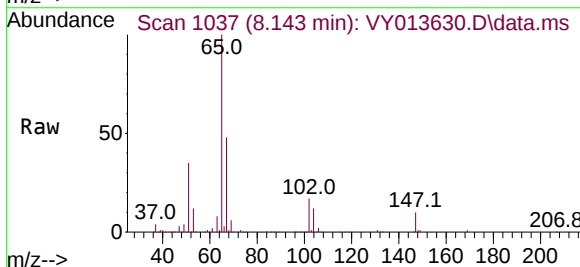
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-B-3-6-05012023

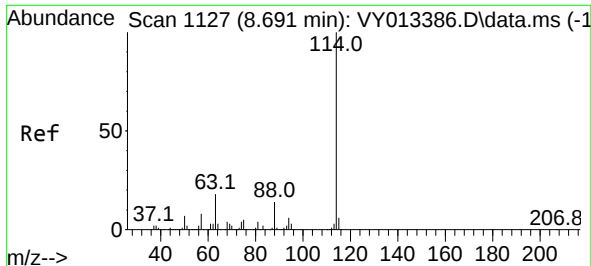
Tgt Ion:168 Resp: 221693
Ion Ratio Lower Upper
168 100
99 53.7 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 67.117 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013630.D
Acq: 05 May 2023 17:05

Tgt Ion: 65 Resp: 163111
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013630.D

Acq: 05 May 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

ZONE-B-3-6-05012023

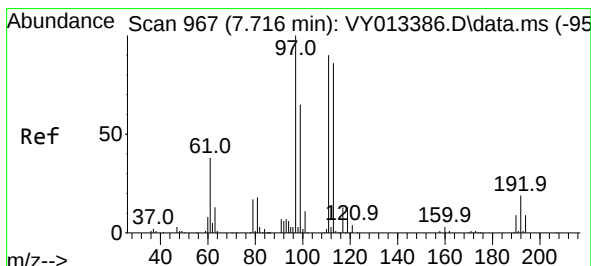
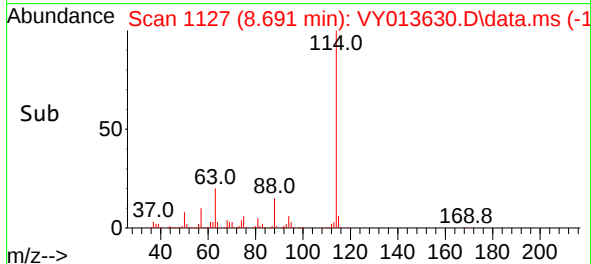
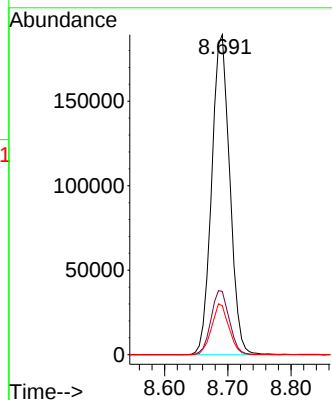
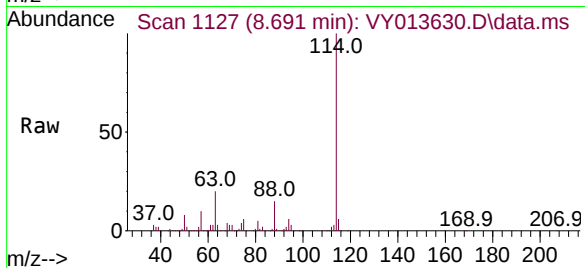
Tgt Ion:114 Resp: 375443

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.6

88 15.3 0.0 28.8



#35

Dibromofluoromethane

Concen: 55.412 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013630.D

Acq: 05 May 2023 17:05

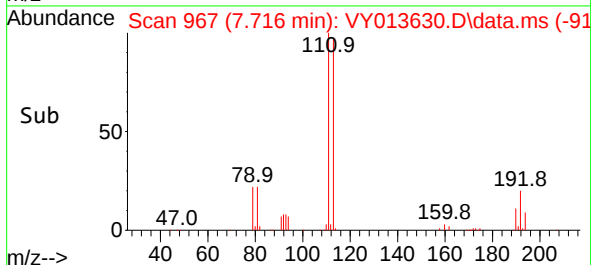
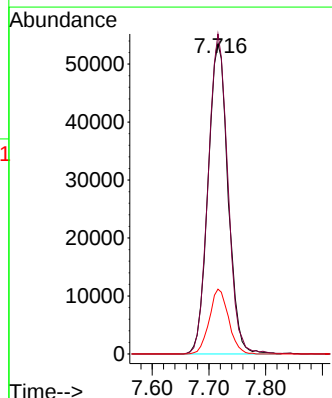
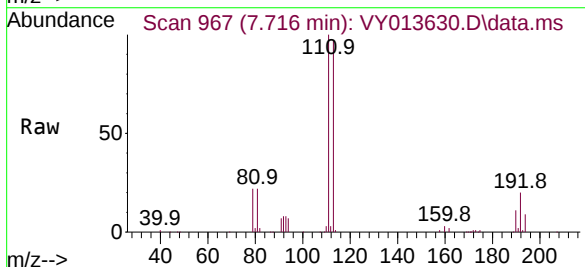
Tgt Ion:113 Resp: 130848

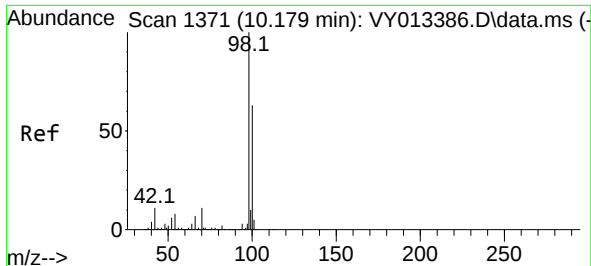
Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.2

192 20.1 16.7 25.1

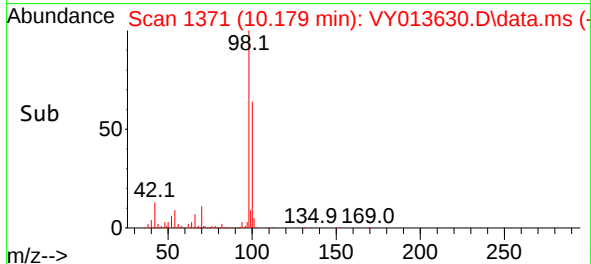
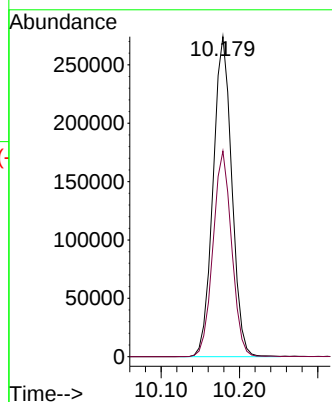
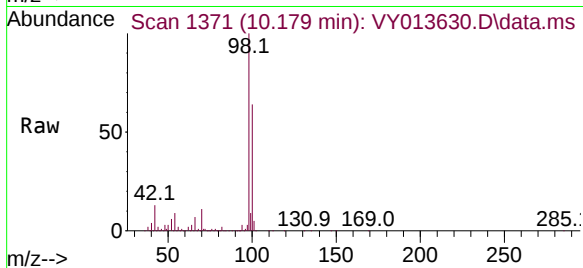




#50
Toluene-d8
Concen: 54.192 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013630.D
Acq: 05 May 2023 17:05

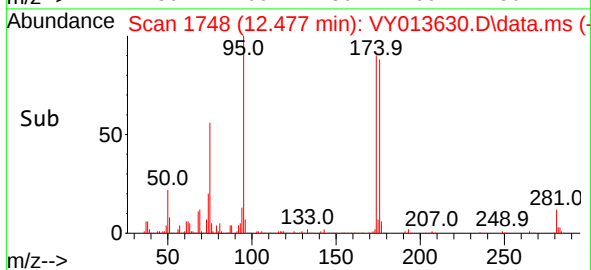
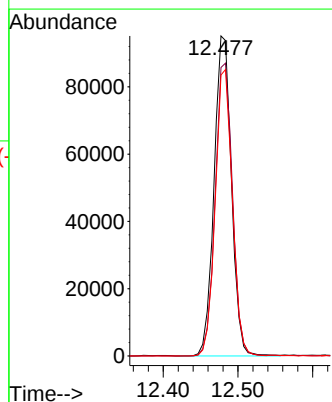
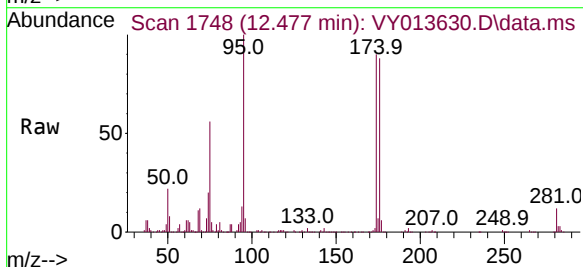
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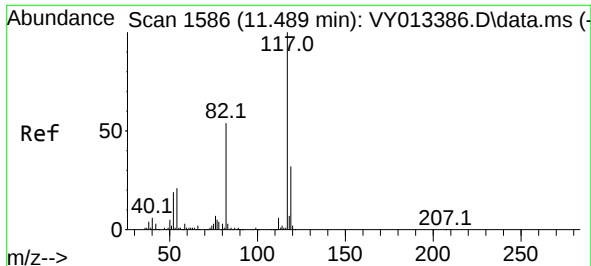
Tgt Ion: 98 Resp: 455231
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 54.427 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013630.D
Acq: 05 May 2023 17:05

Tgt Ion: 95 Resp: 154134
Ion Ratio Lower Upper
95 100
174 91.2 0.0 182.0
176 88.0 0.0 175.4

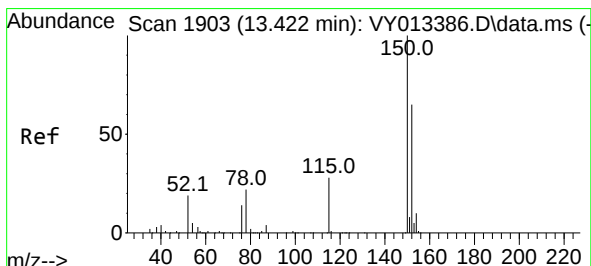
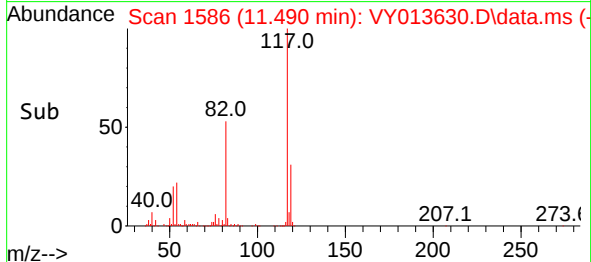
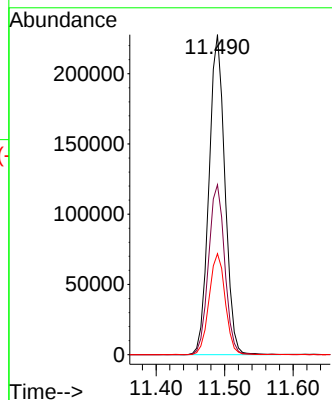
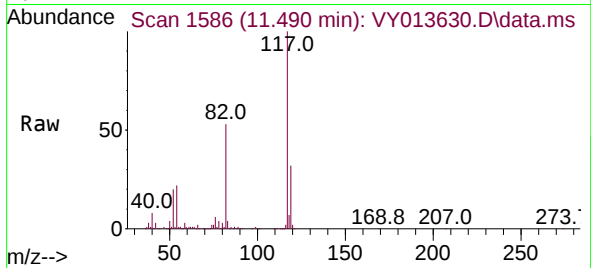




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013630.D
Acq: 05 May 2023 17:05

Instrument :
MSVOA_Y
ClientSampleId :
ZONE-B-3-6-05012023

Tgt Ion:	117	Resp:	368036
Ion Ratio	Lower	Upper	
117	100		
82	53.1	43.0	64.6
119	31.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013630.D
Acq: 05 May 2023 17:05

Tgt Ion:	152	Resp:	169819
Ion Ratio	Lower	Upper	
152	100		
115	56.8	28.1	84.2
150	155.8	0.0	352.0

