

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
 Data File : VY013552.D
 Acq On : 02 May 2023 13:26
 Operator : KP/MD
 Sample : 02570-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-1

Quant Time: May 03 01:33:14 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	7.795	168	31867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	42564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	30669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9145	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	15042	43.059	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.120%
35) Dibromofluoromethane	7.716	113	13466	50.301	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.600%
50) Toluene-d8	10.179	98	47497	49.874	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.740%
62) 4-Bromofluorobenzene	12.483	95	9973	31.063	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	62.120%

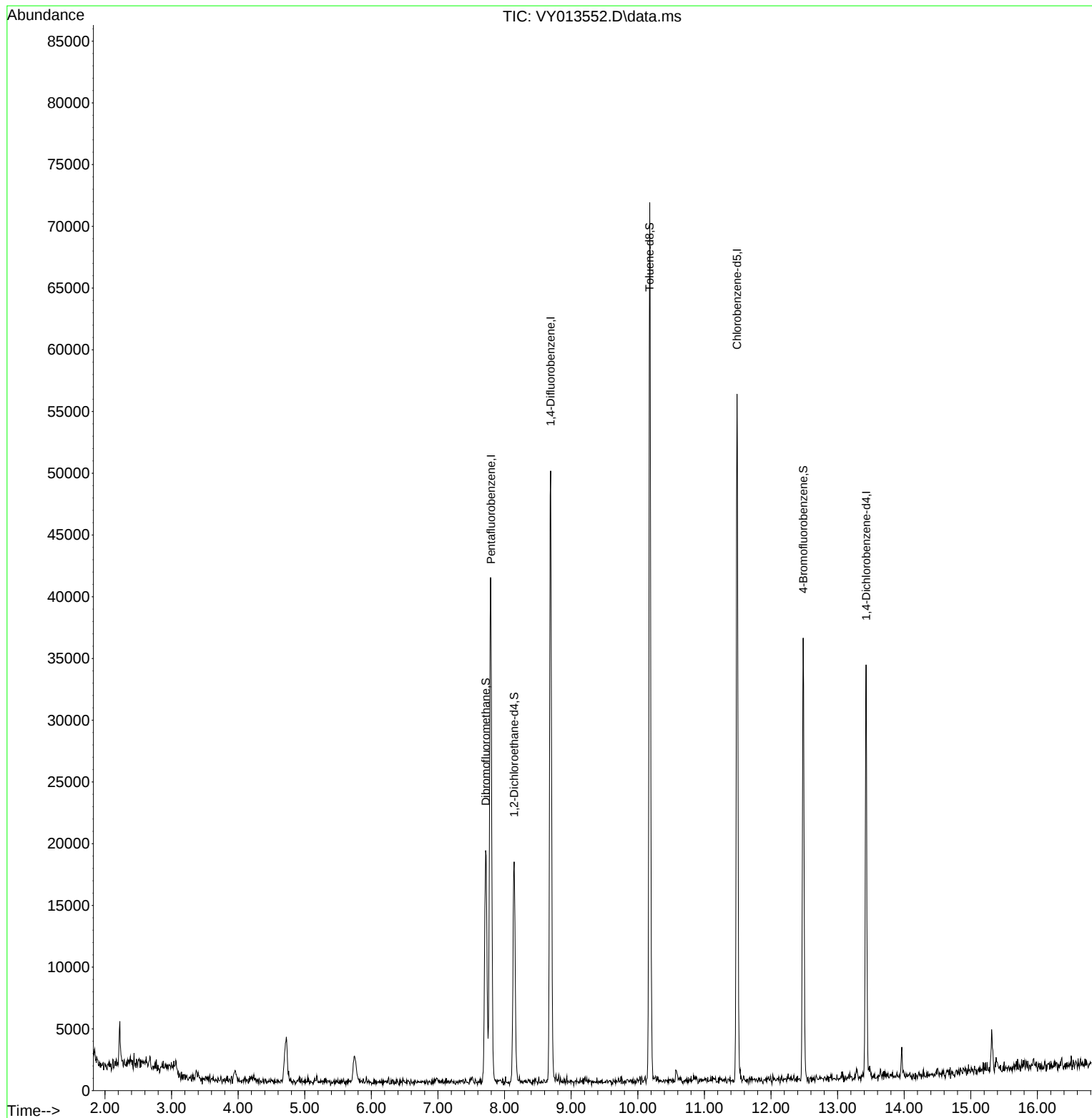
Target Compounds	Qvalue

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

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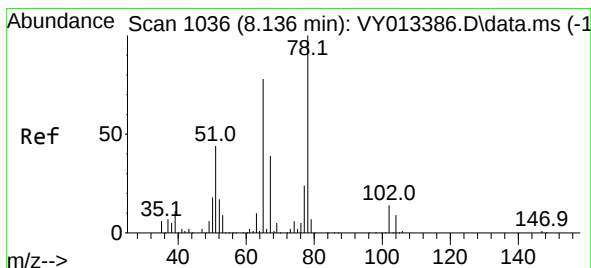
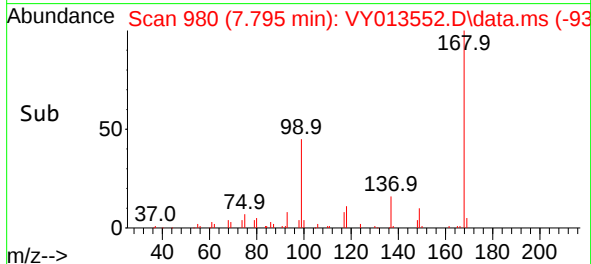
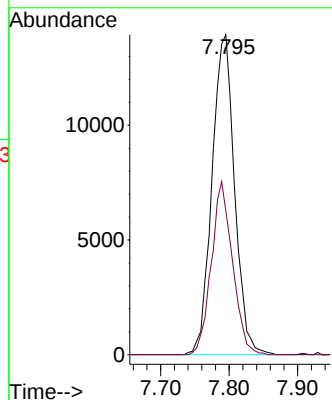
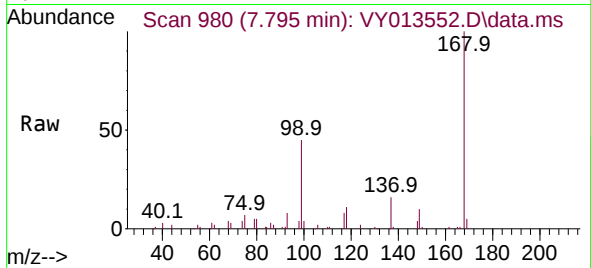




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013552.D
Acq: 02 May 2023 13:26

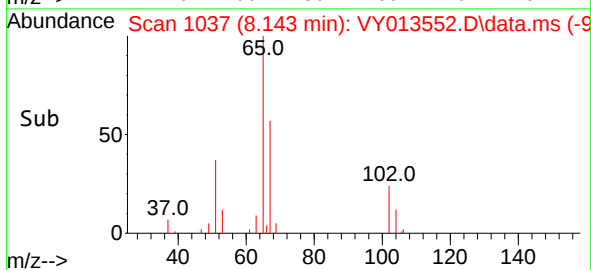
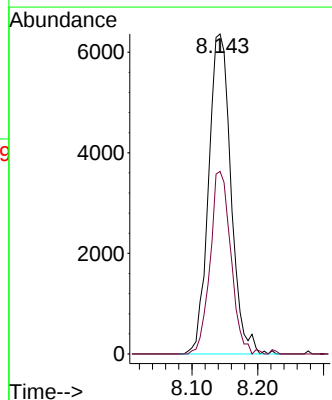
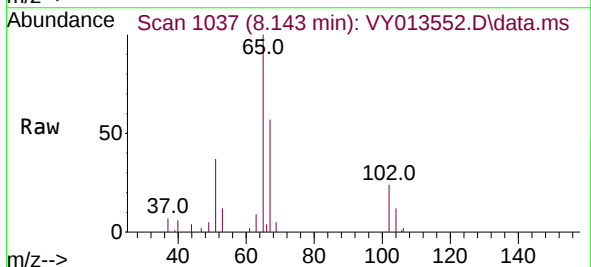
Instrument :
MSVOA_Y
ClientSampleId :
RB-1

Tgt Ion:168 Resp: 31867
Ion Ratio Lower Upper
168 100
99 45.0 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 43.059 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013552.D
Acq: 02 May 2023 13:26

Tgt Ion: 65 Resp: 15042
Ion Ratio Lower Upper
65 100
67 52.9 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: VY013552.D

Acq: 02 May 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

RB-1

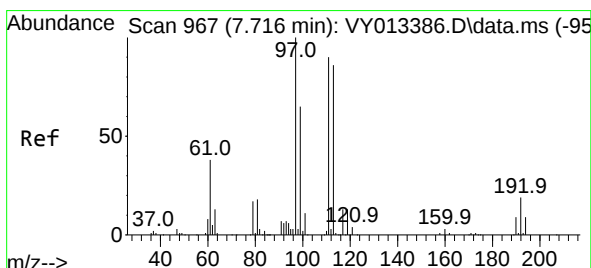
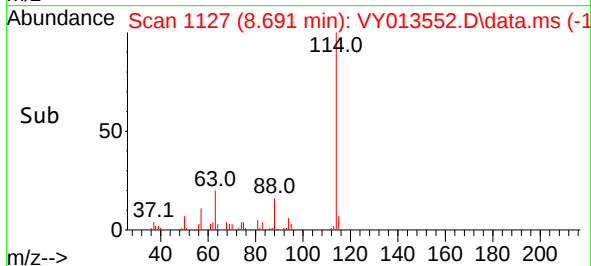
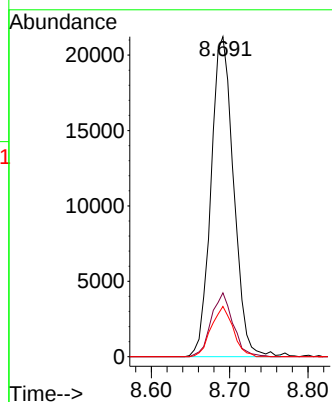
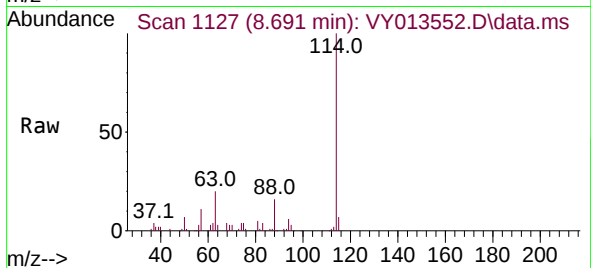
Tgt Ion:114 Resp: 42564

Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.6

88 15.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 50.301 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013552.D

Acq: 02 May 2023 13:26

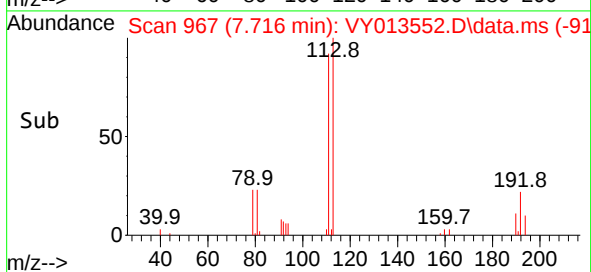
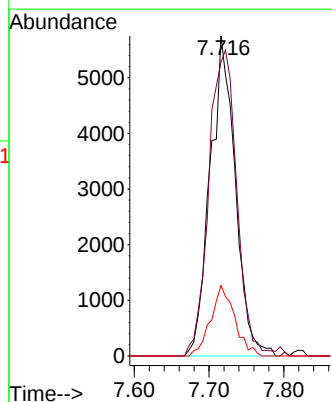
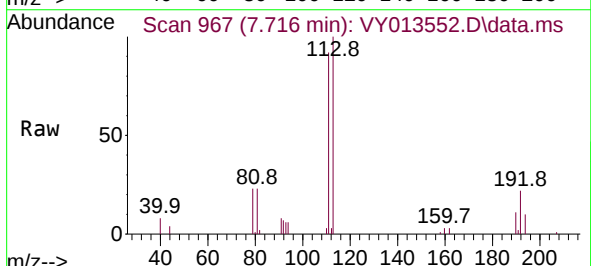
Tgt Ion:113 Resp: 13466

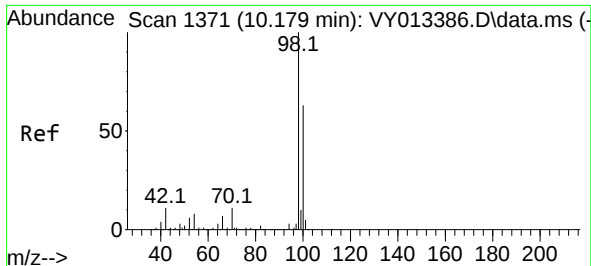
Ion Ratio Lower Upper

113 100

111 105.6 82.2 123.2

192 20.9 16.7 25.1

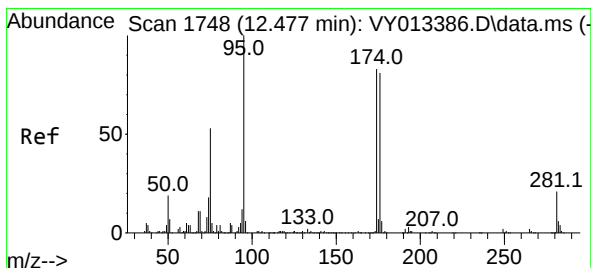
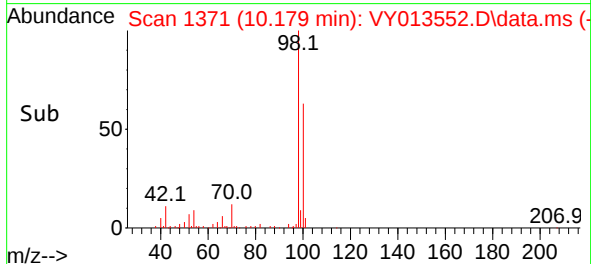
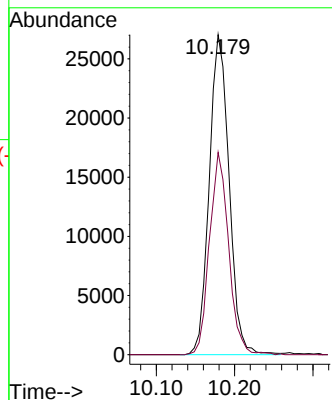
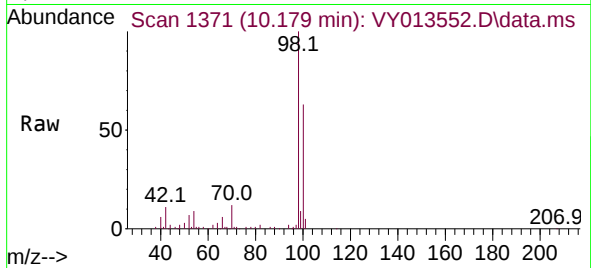




#50
Toluene-d8
Concen: 49.874 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013552.D
Acq: 02 May 2023 13:26

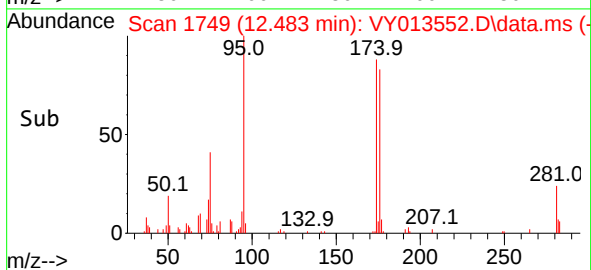
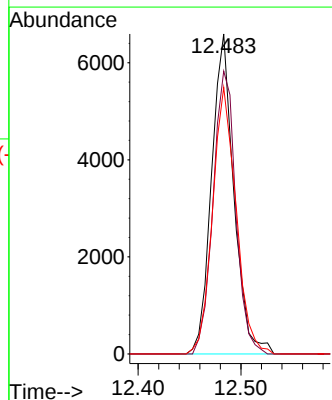
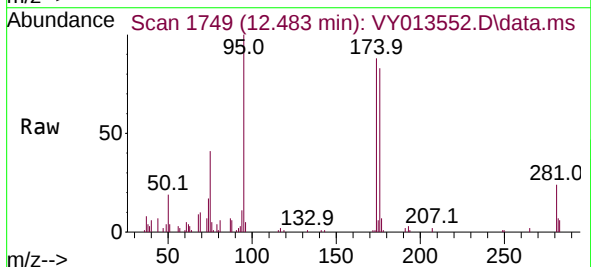
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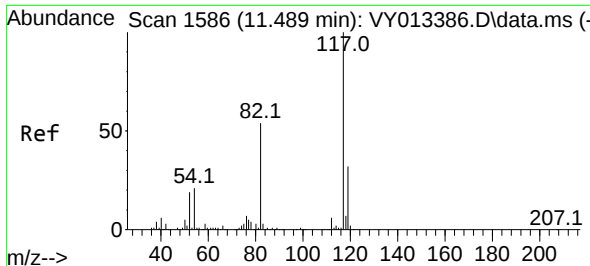
Tgt Ion: 98 Resp: 47497
Ion Ratio Lower Upper
98 100
100 61.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 31.063 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013552.D
Acq: 02 May 2023 13:26

Tgt Ion: 95 Resp: 9973
Ion Ratio Lower Upper
95 100
174 89.4 0.0 182.0
176 87.6 0.0 175.4

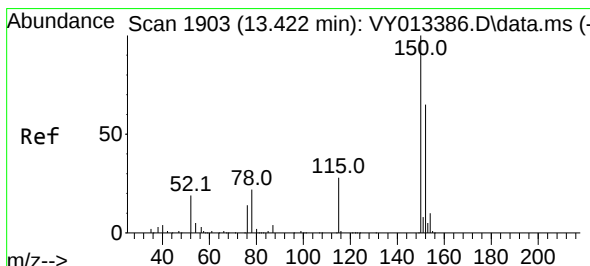
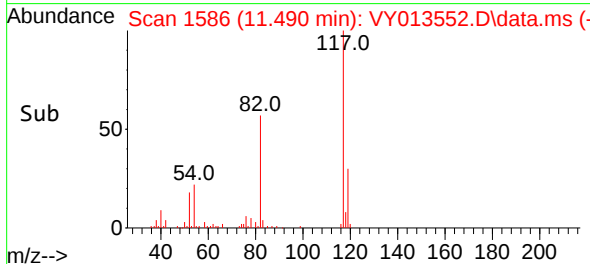
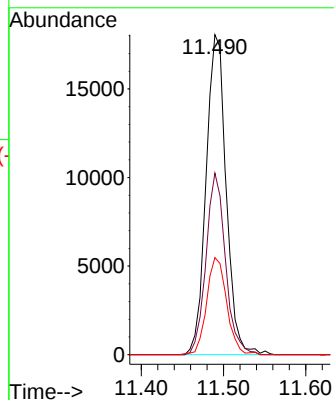
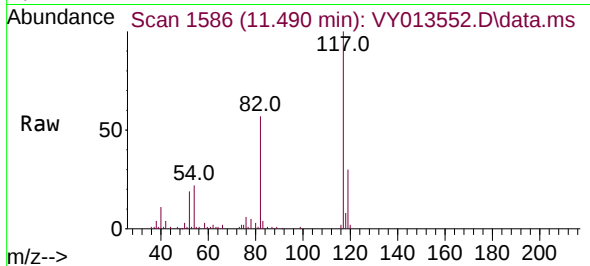




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013552.D
Acq: 02 May 2023 13:26

Instrument :
MSVOA_Y
ClientSampleId :
RB-1

Tgt Ion:	117	Resp:	30669
Ion	Ratio	Lower	Upper
117	100		
82	56.8	43.0	64.6
119	30.3	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013552.D
Acq: 02 May 2023 13:26

Tgt Ion:	152	Resp:	9145
Ion	Ratio	Lower	Upper
152	100		
115	54.5	28.1	84.2
150	154.4	0.0	352.0

