

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013450.D
 Acq On : 25 Apr 2023 16:39
 Operator : KP/MD
 Sample : 02467-01RE
 Misc : 6.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 279RE

Quant Time: Apr 26 02:51:48 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	165762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	261426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	206132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74544	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83560	45.985	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.960%
35) Dibromofluoromethane	7.716	113	81871	49.792	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.580%
50) Toluene-d8	10.179	98	305304	52.195	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.400%
62) 4-Bromofluorobenzene	12.477	95	83779	42.486	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.980%

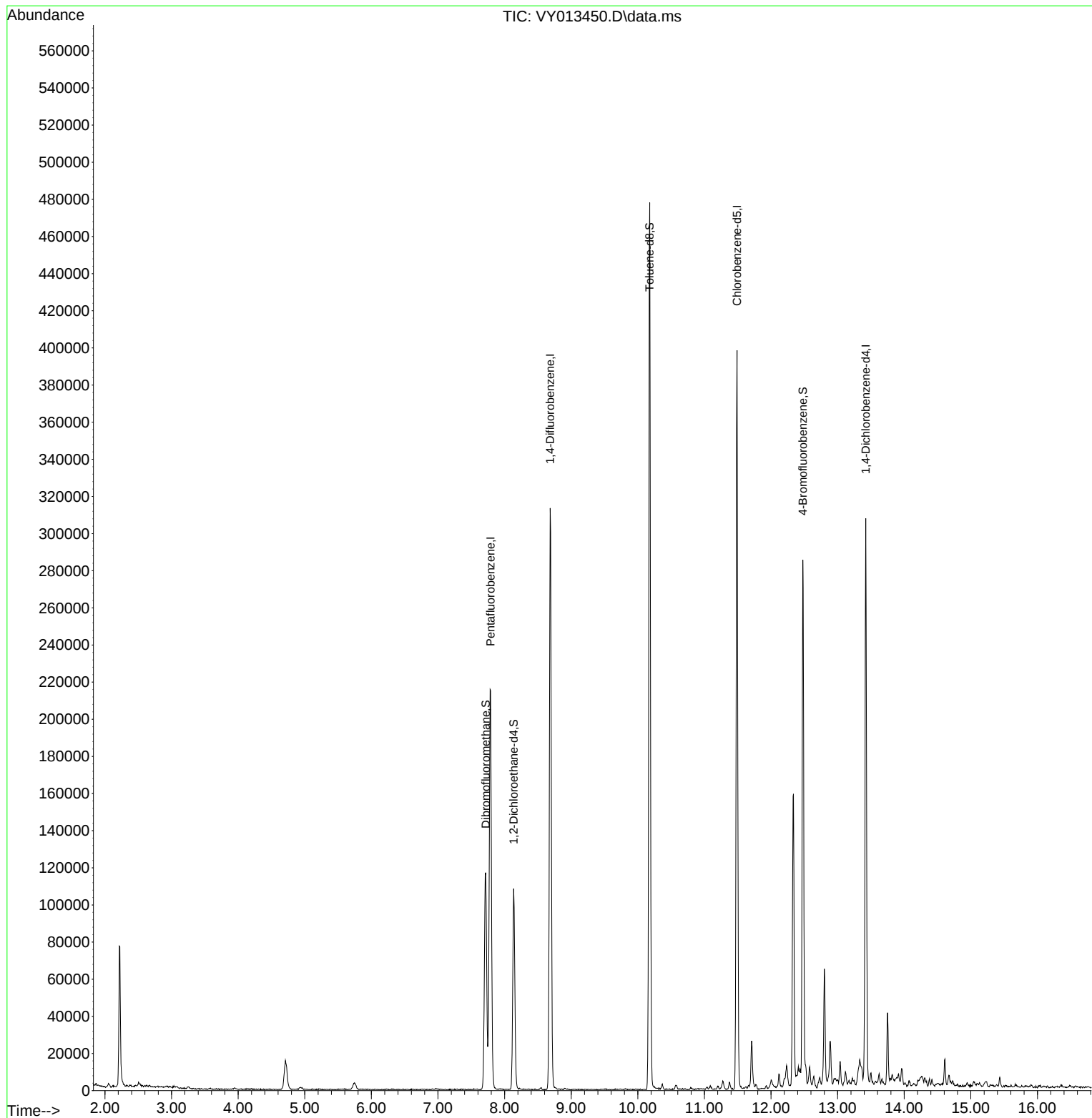
Target Compounds	Qvalue

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

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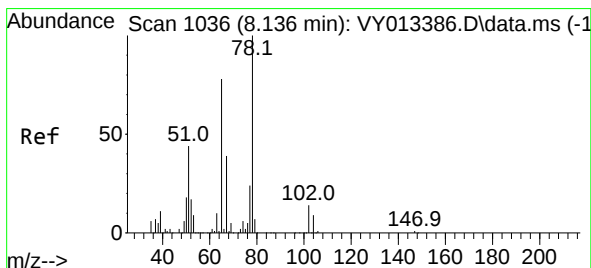
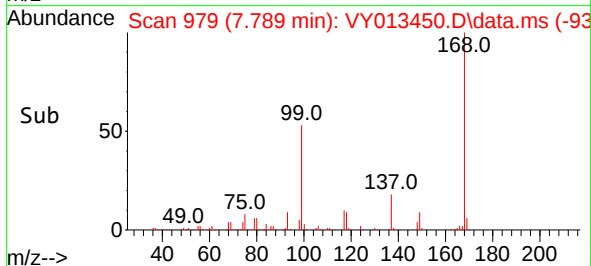
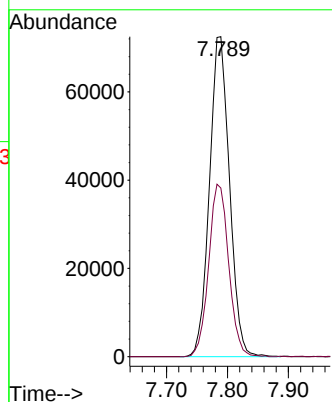
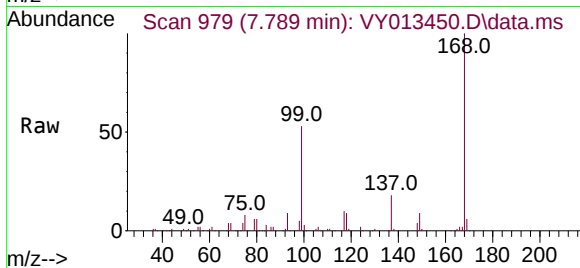




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013450.D
Acq: 25 Apr 2023 16:39

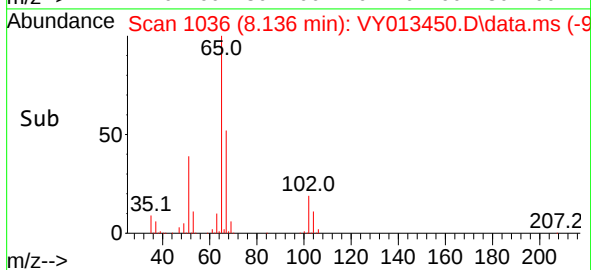
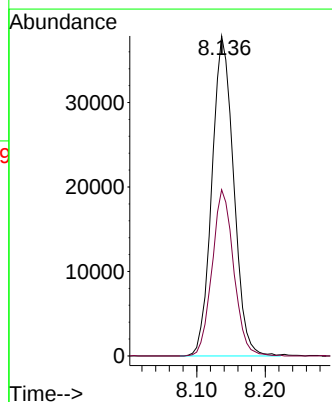
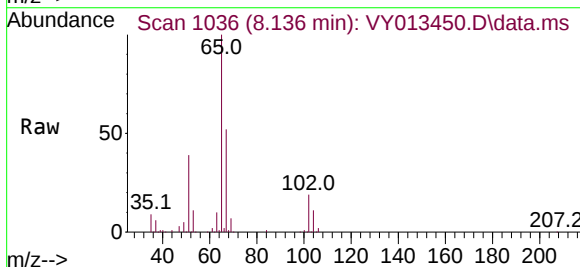
Instrument :
MSVOA_Y
ClientSampleId :
279RE

Tgt Ion:168 Resp: 165762
Ion Ratio Lower Upper
168 100
99 52.7 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 45.985 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013450.D
Acq: 25 Apr 2023 16:39

Tgt Ion: 65 Resp: 83560
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013450.D

Acq: 25 Apr 2023 16:39

Instrument :

MSVOA_Y

ClientSampleId :

279RE

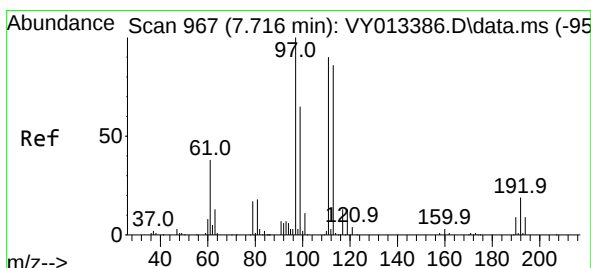
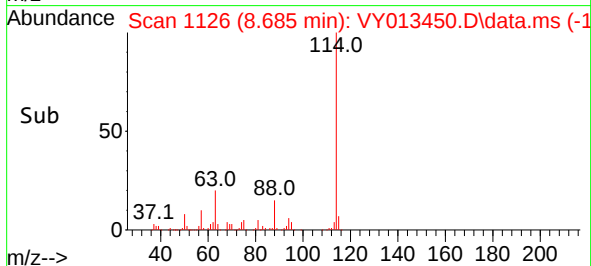
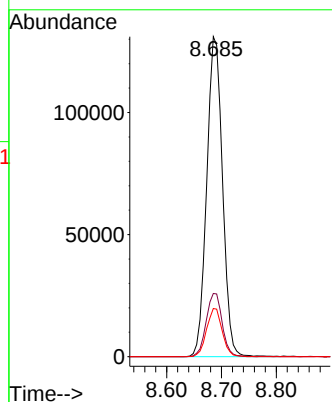
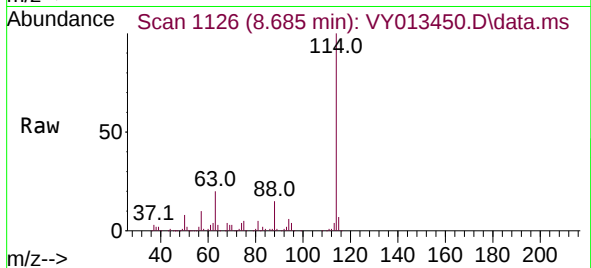
Tgt Ion:114 Resp: 261426

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.6

88 15.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.792 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013450.D

Acq: 25 Apr 2023 16:39

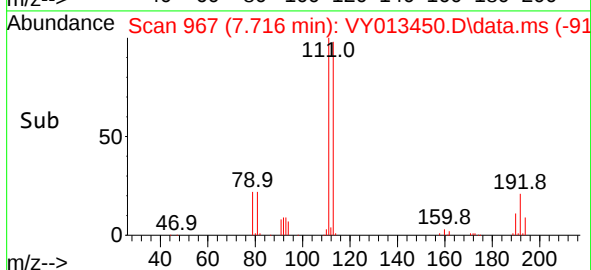
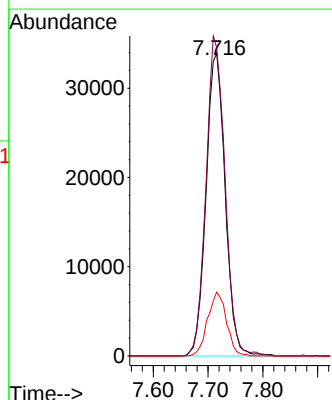
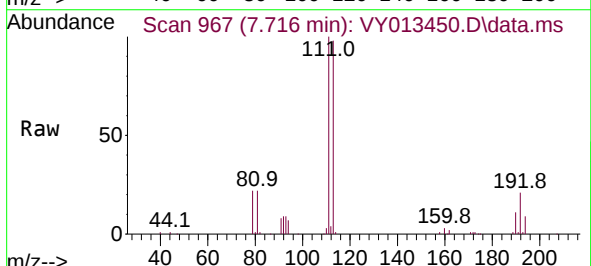
Tgt Ion:113 Resp: 81871

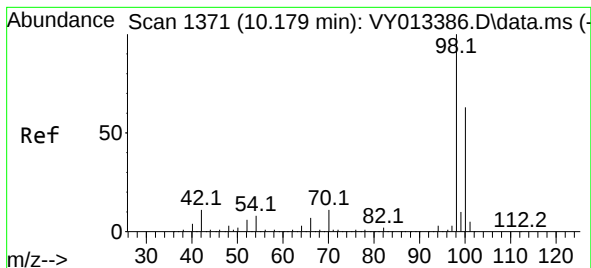
Ion Ratio Lower Upper

113 100

111 105.4 82.2 123.2

192 20.8 16.7 25.1





#50

Toluene-d8

Concen: 52.195 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013450.D

Acq: 25 Apr 2023 16:39

Instrument :

MSVOA_Y

ClientSampleId :

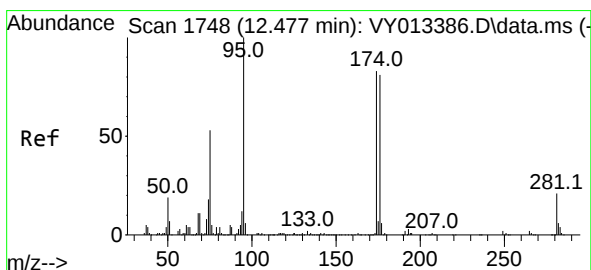
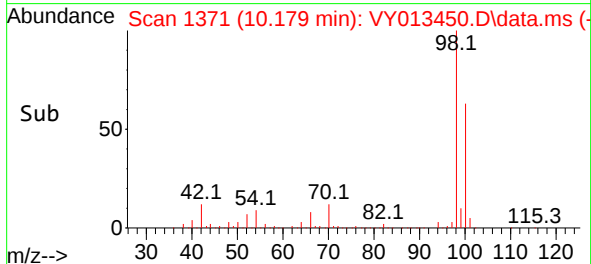
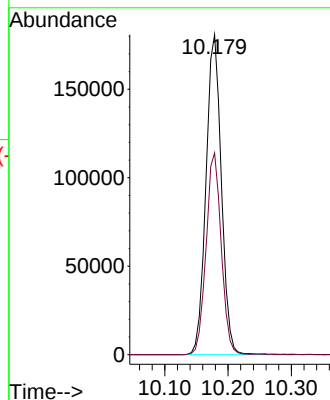
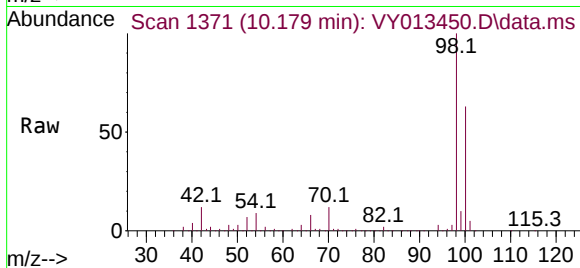
279RE

Tgt Ion: 98 Resp: 305304

Ion Ratio Lower Upper

98 100

100 62.2 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 42.486 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY013450.D

Acq: 25 Apr 2023 16:39

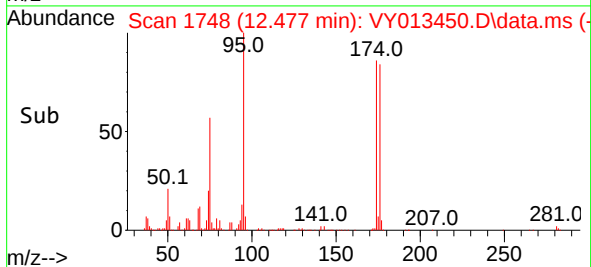
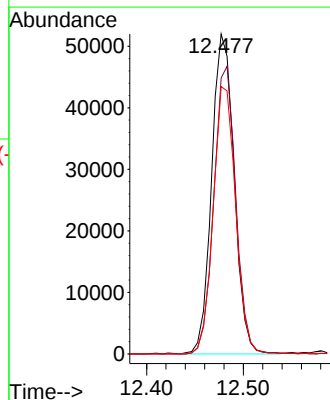
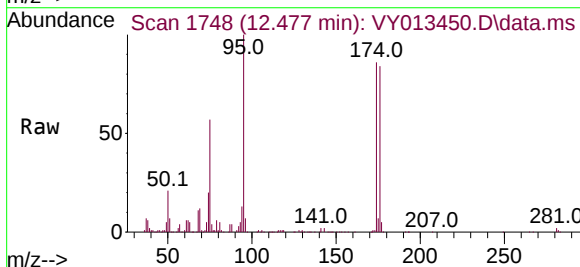
Tgt Ion: 95 Resp: 83779

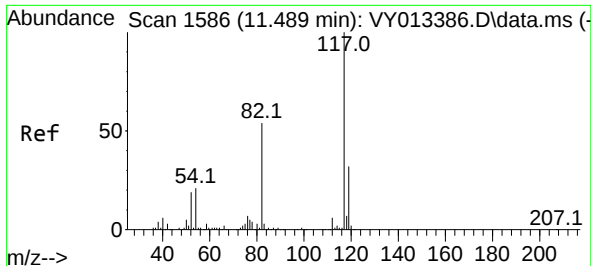
Ion Ratio Lower Upper

95 100

174 87.8 0.0 182.0

176 83.3 0.0 175.4

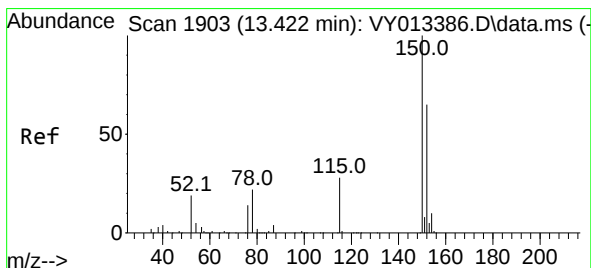
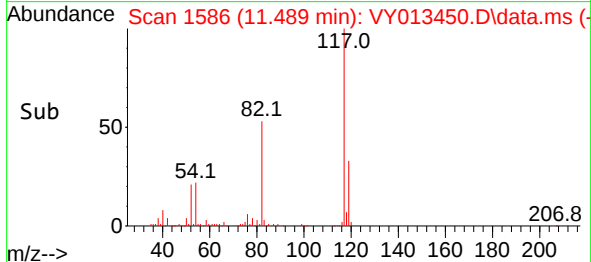
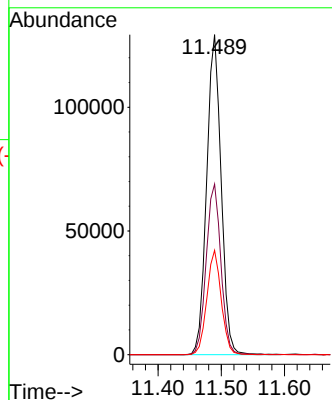
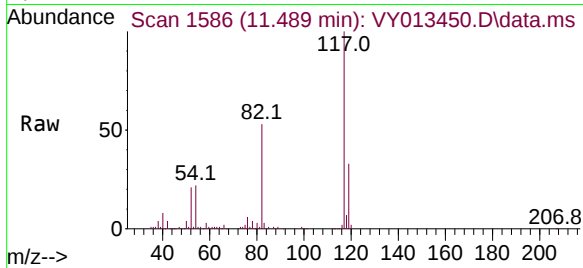




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013450.D
Acq: 25 Apr 2023 16:39

Instrument :
MSVOA_Y
ClientSampleId :
279RE

Tgt Ion:117 Resp: 206132
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.6
119 32.6 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: VY013450.D
Acq: 25 Apr 2023 16:39

Tgt Ion:152 Resp: 74544
Ion Ratio Lower Upper
152 100
115 56.5 28.1 84.2
150 154.0 0.0 352.0

