

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051823\
 Data File : VY013792.D
 Acq On : 18 May 2023 11:32
 Operator : KP/MD
 Sample : VY0518SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBL01

Quant Time: May 19 03:20:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	226424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	376515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	331707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146781	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	144649	54.994	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.980%
35) Dibromofluoromethane	7.722	113	124862	51.715	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.420%
50) Toluene-d8	10.185	98	452486	49.433	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.483	95	137532	45.235	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.480%

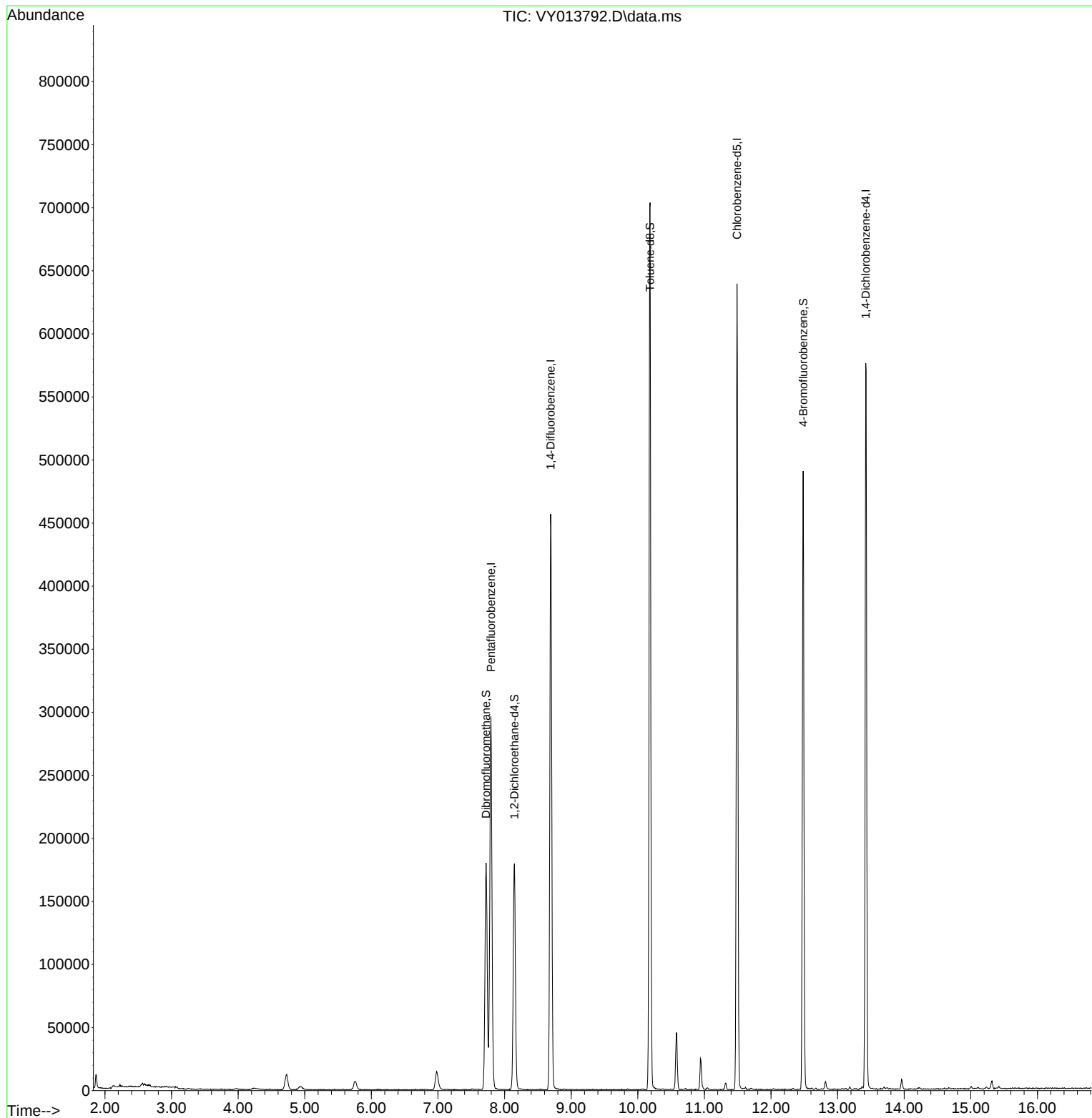
Target Compounds	Qvalue

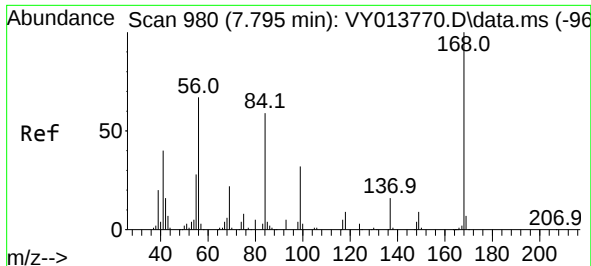
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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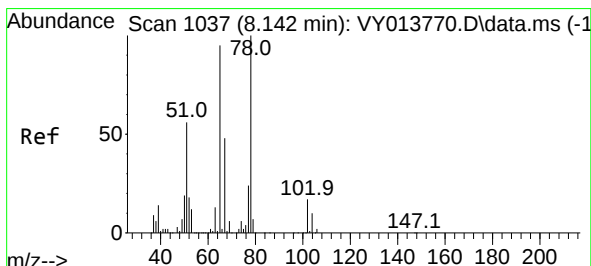
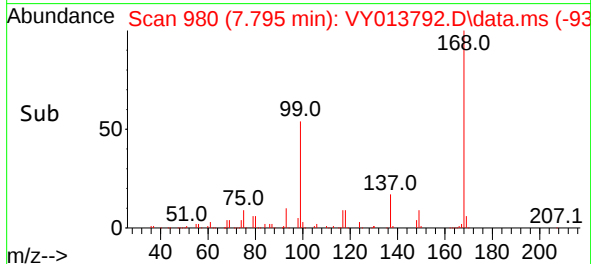
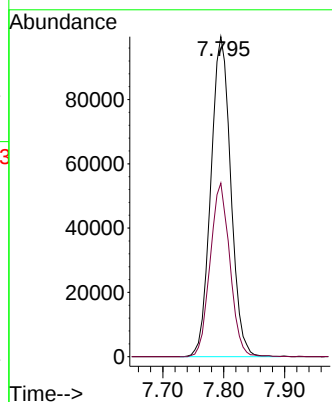
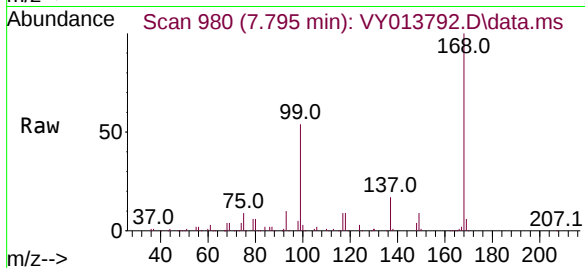




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013792.D
Acq: 18 May 2023 11:32

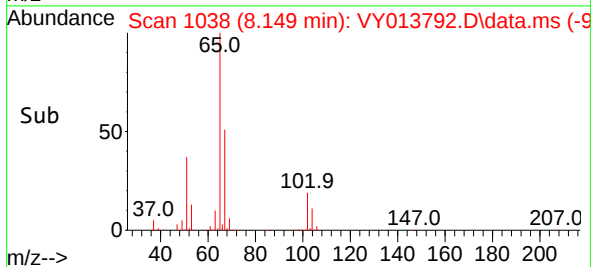
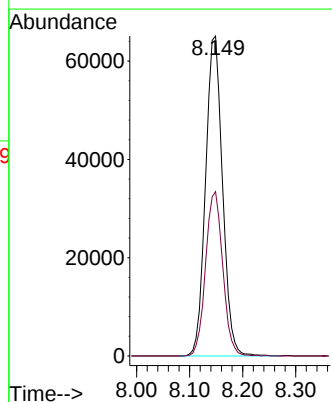
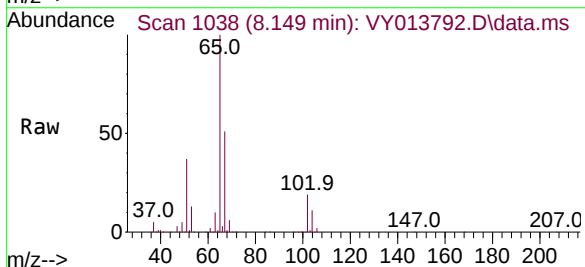
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBL01

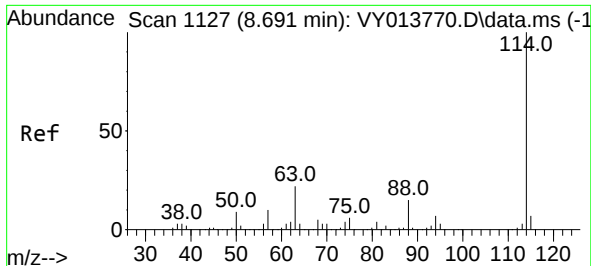
Tgt Ion:168 Resp: 226424
Ion Ratio Lower Upper
168 100
99 54.2 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 54.994 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY013792.D
Acq: 18 May 2023 11:32

Tgt Ion: 65 Resp: 144649
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.6

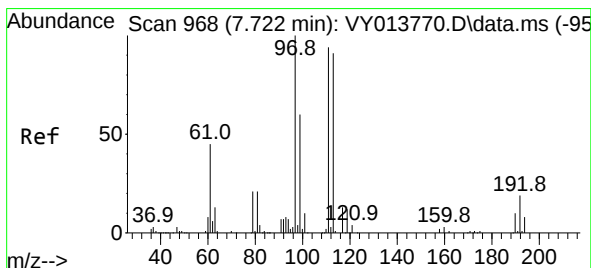
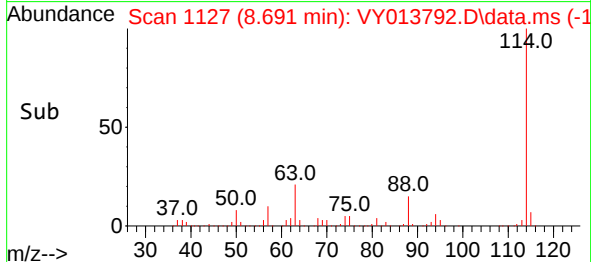
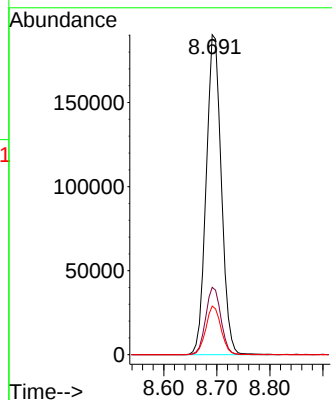
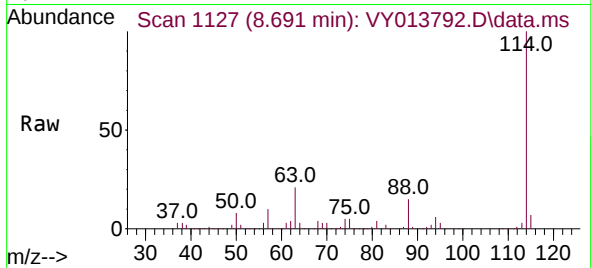




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013792.D
Acq: 18 May 2023 11:32

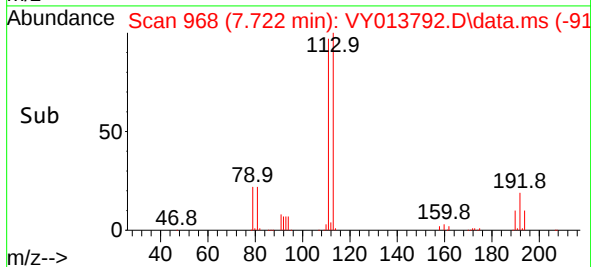
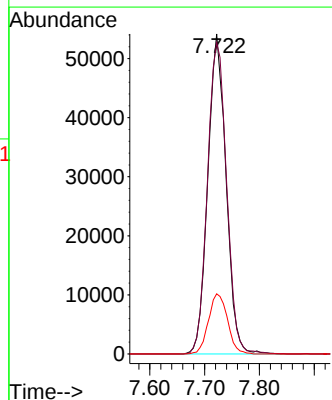
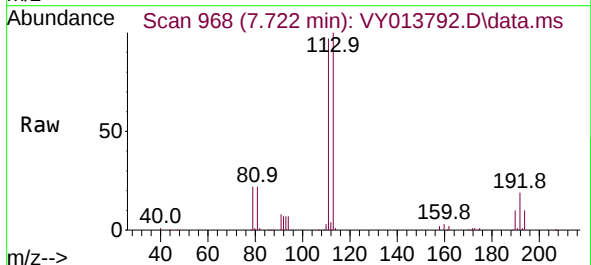
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBL01

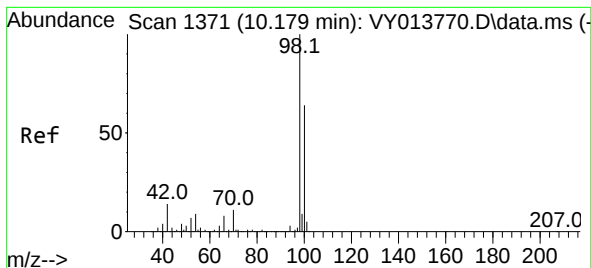
Tgt Ion:114 Resp: 376515
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.8
88 15.2 0.0 30.8



#35
Dibromofluoromethane
Concen: 51.715 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY013792.D
Acq: 18 May 2023 11:32

Tgt Ion:113 Resp: 124862
Ion Ratio Lower Upper
113 100
111 102.5 82.3 123.5
192 19.6 16.0 24.0





#50

Toluene-d8

Concen: 49.433 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013792.D

Acq: 18 May 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

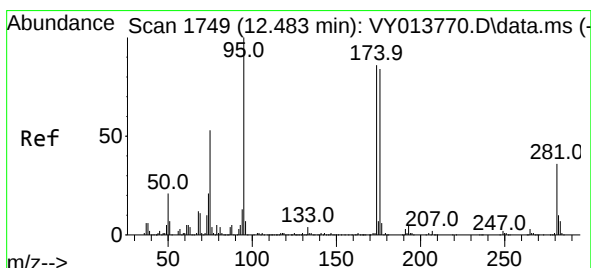
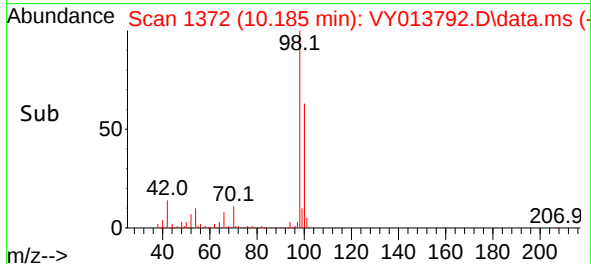
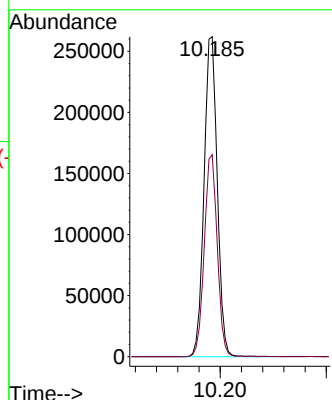
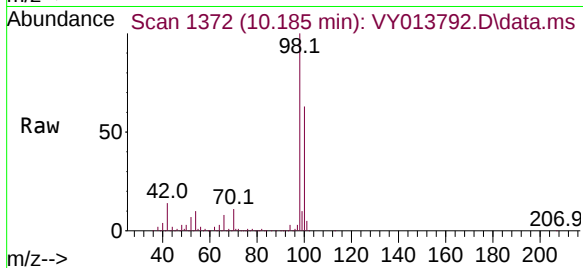
VY0518SBL01

Tgt Ion: 98 Resp: 452486

Ion Ratio Lower Upper

98 100

100 62.2 51.0 76.6



#62

4-Bromofluorobenzene

Concen: 45.235 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY013792.D

Acq: 18 May 2023 11:32

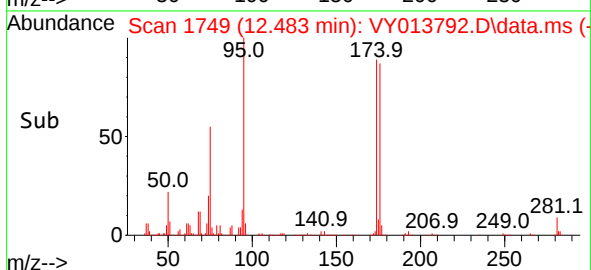
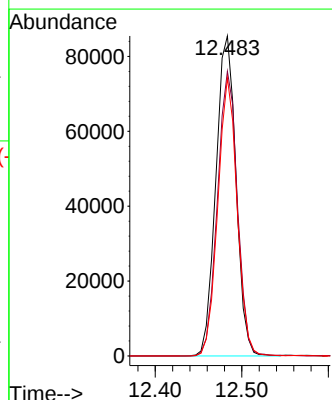
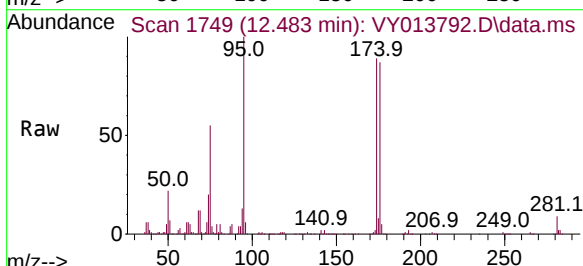
Tgt Ion: 95 Resp: 137532

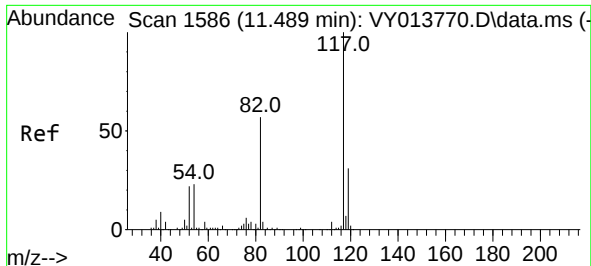
Ion Ratio Lower Upper

95 100

174 88.3 0.0 168.8

176 83.4 0.0 165.2

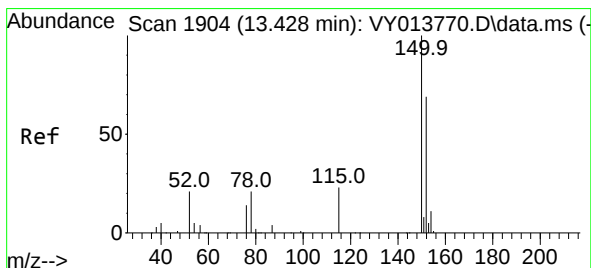
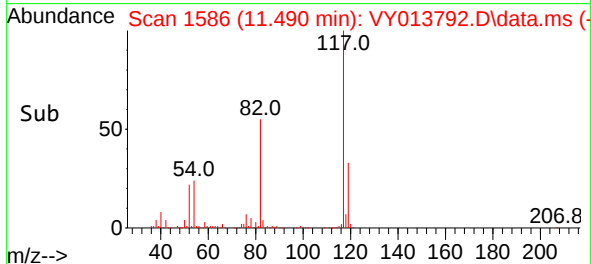
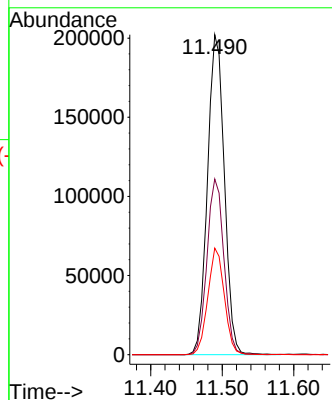
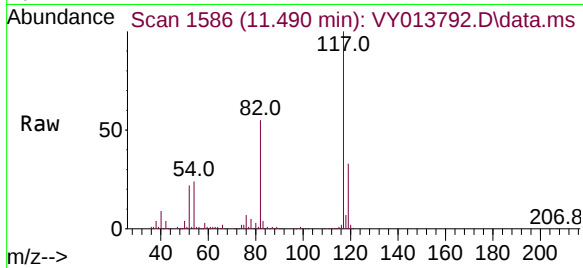




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013792.D
Acq: 18 May 2023 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBL01

Tgt Ion:117 Resp: 331707
Ion Ratio Lower Upper
117 100
82 54.9 45.5 68.3
119 33.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013792.D
Acq: 18 May 2023 11:32

Tgt Ion:152 Resp: 146781
Ion Ratio Lower Upper
152 100
115 58.1 28.5 85.5
150 156.8 0.0 347.0

