

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017911.D
 Acq On : 11 Apr 2024 15:13
 Operator : SY/MD
 Sample : P2070-07
 Misc : 3.95g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Apr 12 05:01:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	104137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	190893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	175798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65169	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62905	69.806	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.620%
35) Dibromofluoromethane	7.716	113	64343	58.331	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.660%
50) Toluene-d8	10.179	98	222130	53.909	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.820%
62) 4-Bromofluorobenzene	12.483	95	58440	46.616	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.240%

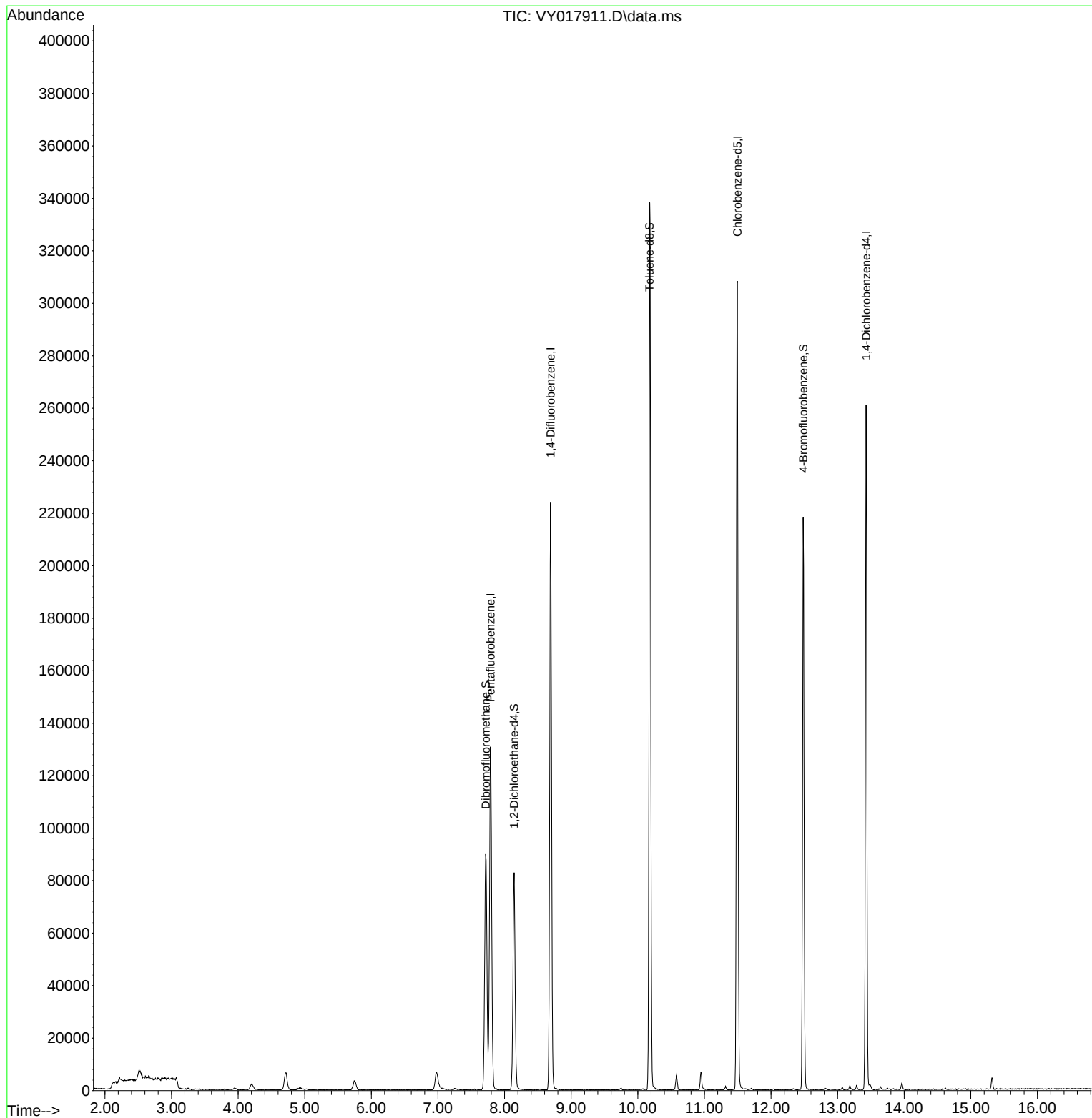
Target Compounds	Qvalue

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

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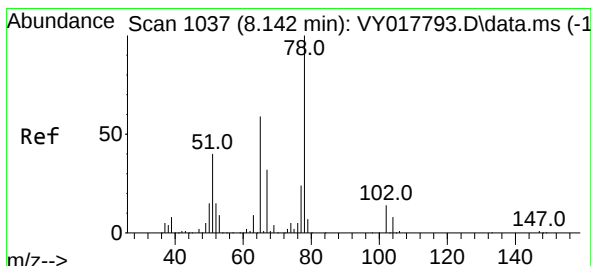
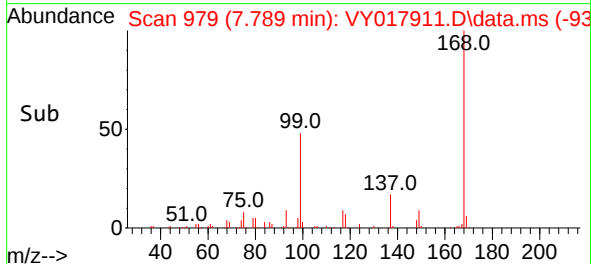
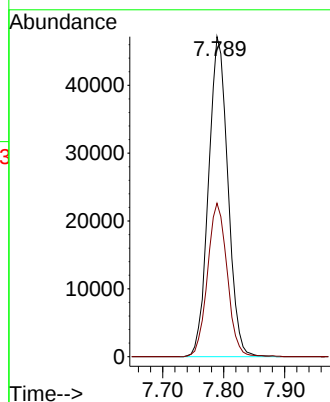
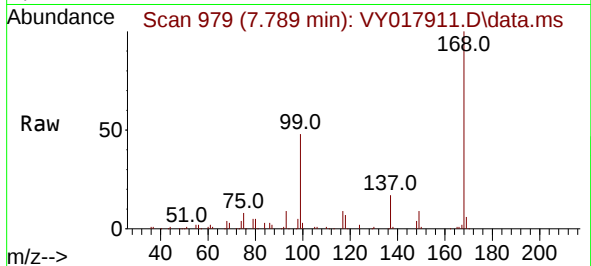




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017911.D
Acq: 11 Apr 2024 15:13

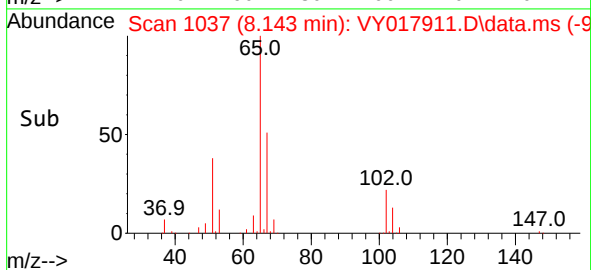
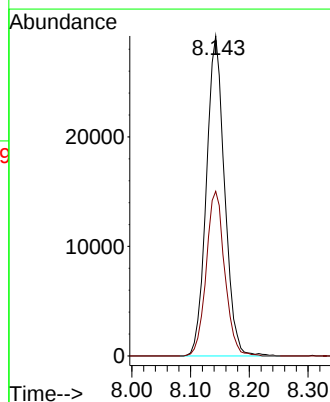
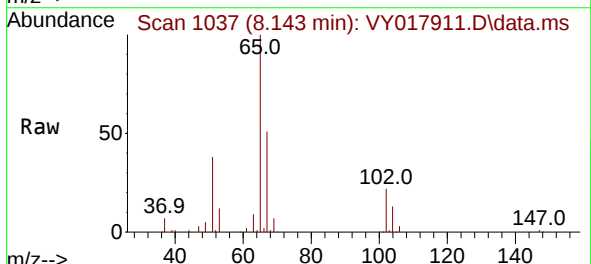
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

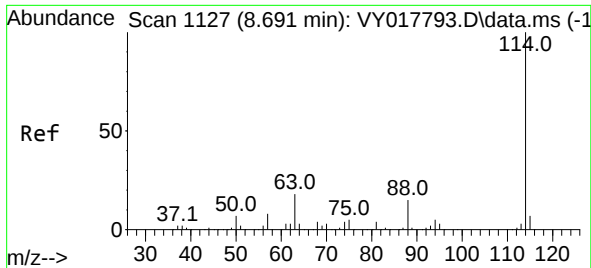
Tgt Ion:168 Resp: 104137
Ion Ratio Lower Upper
168 100
99 48.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 69.806 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017911.D
Acq: 11 Apr 2024 15:13

Tgt Ion: 65 Resp: 62905
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6

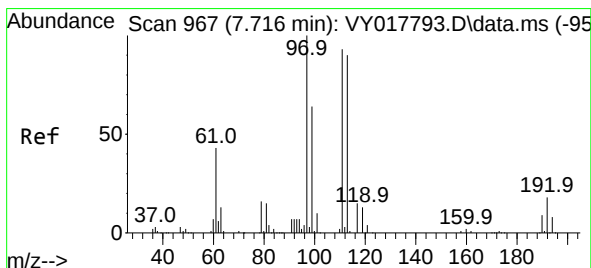
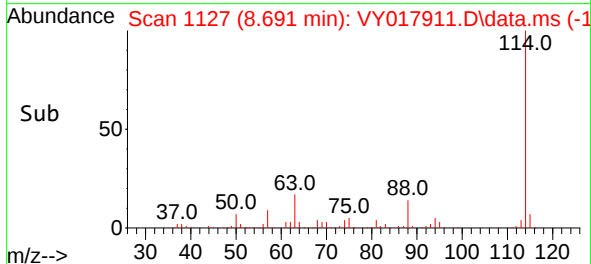
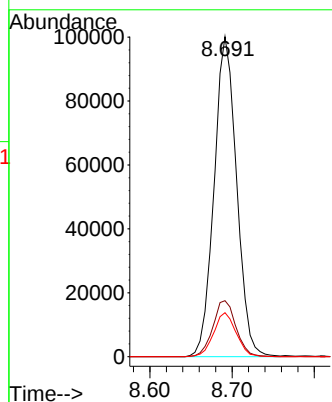
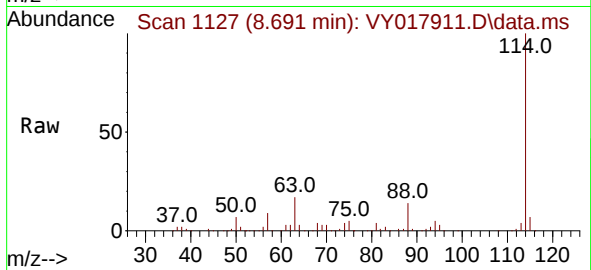




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017911.D
Acq: 11 Apr 2024 15:13

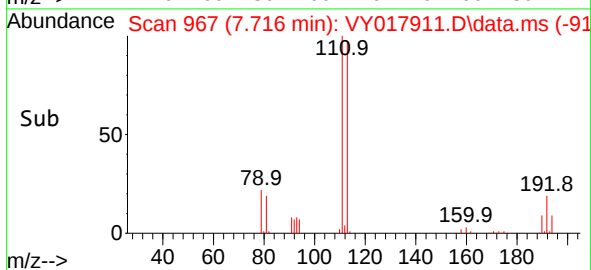
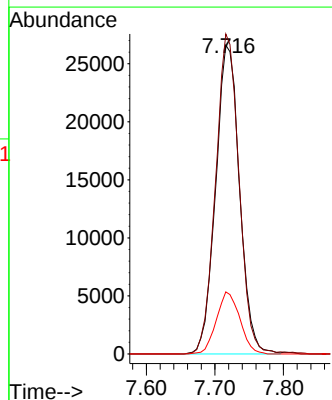
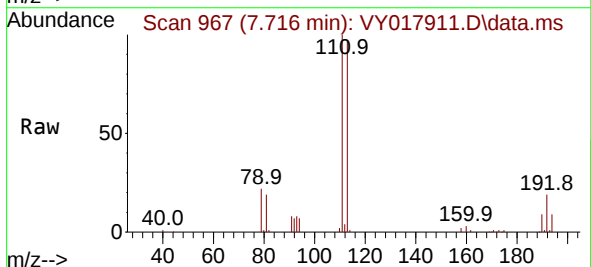
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

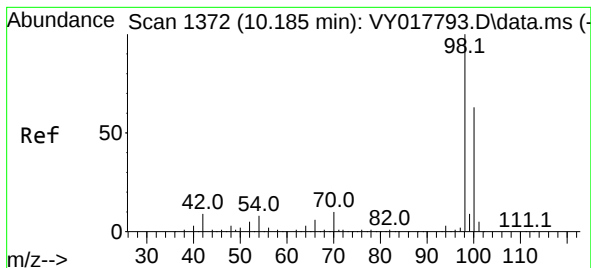
Tgt Ion:114 Resp: 190893
Ion Ratio Lower Upper
114 100
63 17.5 0.0 35.0
88 13.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 58.331 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY017911.D
Acq: 11 Apr 2024 15:13

Tgt Ion:113 Resp: 64343
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 19.7 15.9 23.9





#50

Toluene-d8

Concen: 53.909 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017911.D

Acq: 11 Apr 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

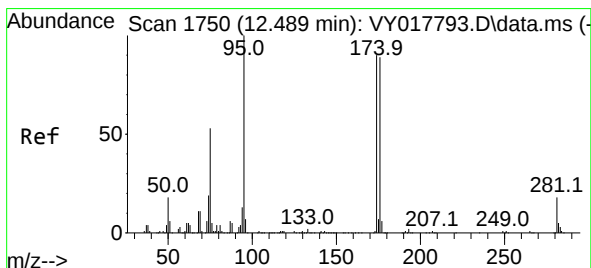
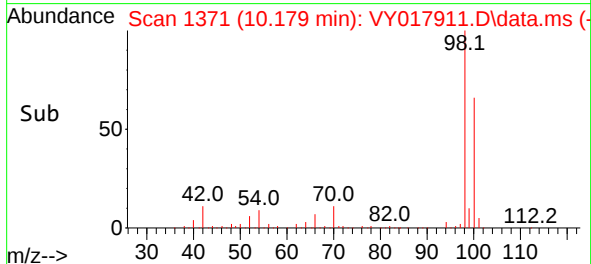
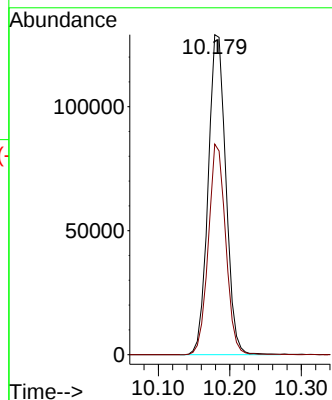
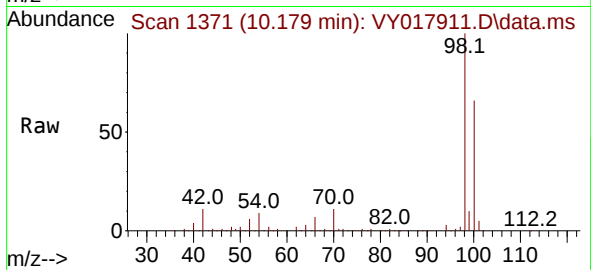
TP-4

Tgt Ion: 98 Resp: 222130

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.616 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY017911.D

Acq: 11 Apr 2024 15:13

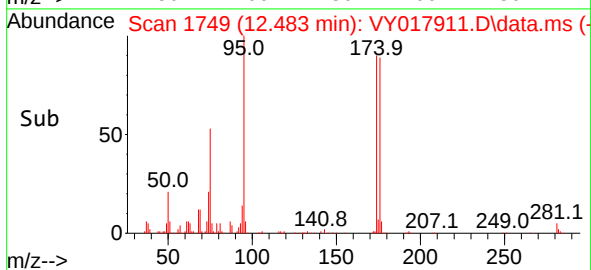
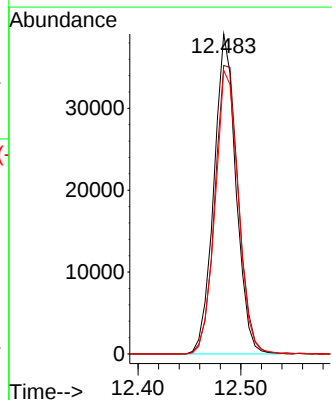
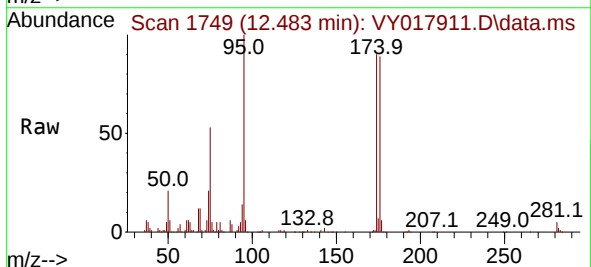
Tgt Ion: 95 Resp: 58440

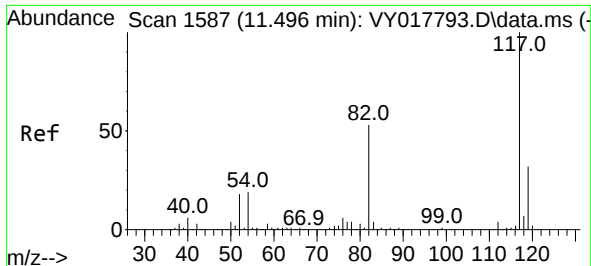
Ion Ratio Lower Upper

95 100

174 96.9 0.0 175.6

176 92.7 0.0 171.4

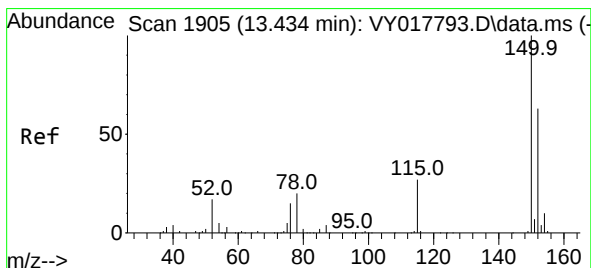
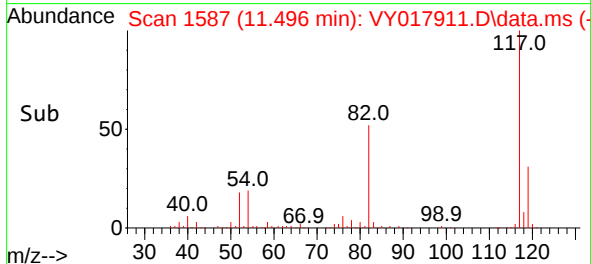
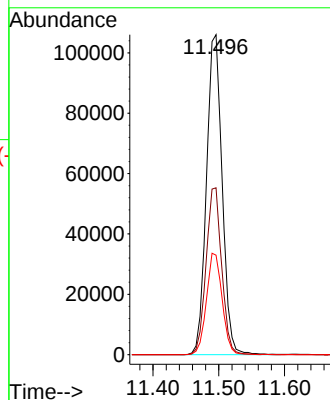
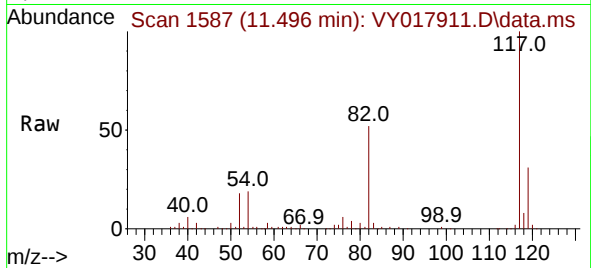




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017911.D
Acq: 11 Apr 2024 15:13

Instrument :
MSVOA_Y
ClientSampleId :
TP-4

Tgt Ion:117 Resp: 175798
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 31.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017911.D
Acq: 11 Apr 2024 15:13

Tgt Ion:152 Resp: 65169
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.7
150 156.3 0.0 345.6

