

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017910.D
 Acq On : 11 Apr 2024 14:50
 Operator : SY/MD
 Sample : P2070-09
 Misc : 3.14g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Quant Time: Apr 12 05:01:19 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	104451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	194762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	179055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67503	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	62393	69.030	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.060%
35) Dibromofluoromethane	7.722	113	65435	58.143	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.280%
50) Toluene-d8	10.185	98	226465	53.870	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.740%
62) 4-Bromofluorobenzene	12.483	95	59705	46.679	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.360%

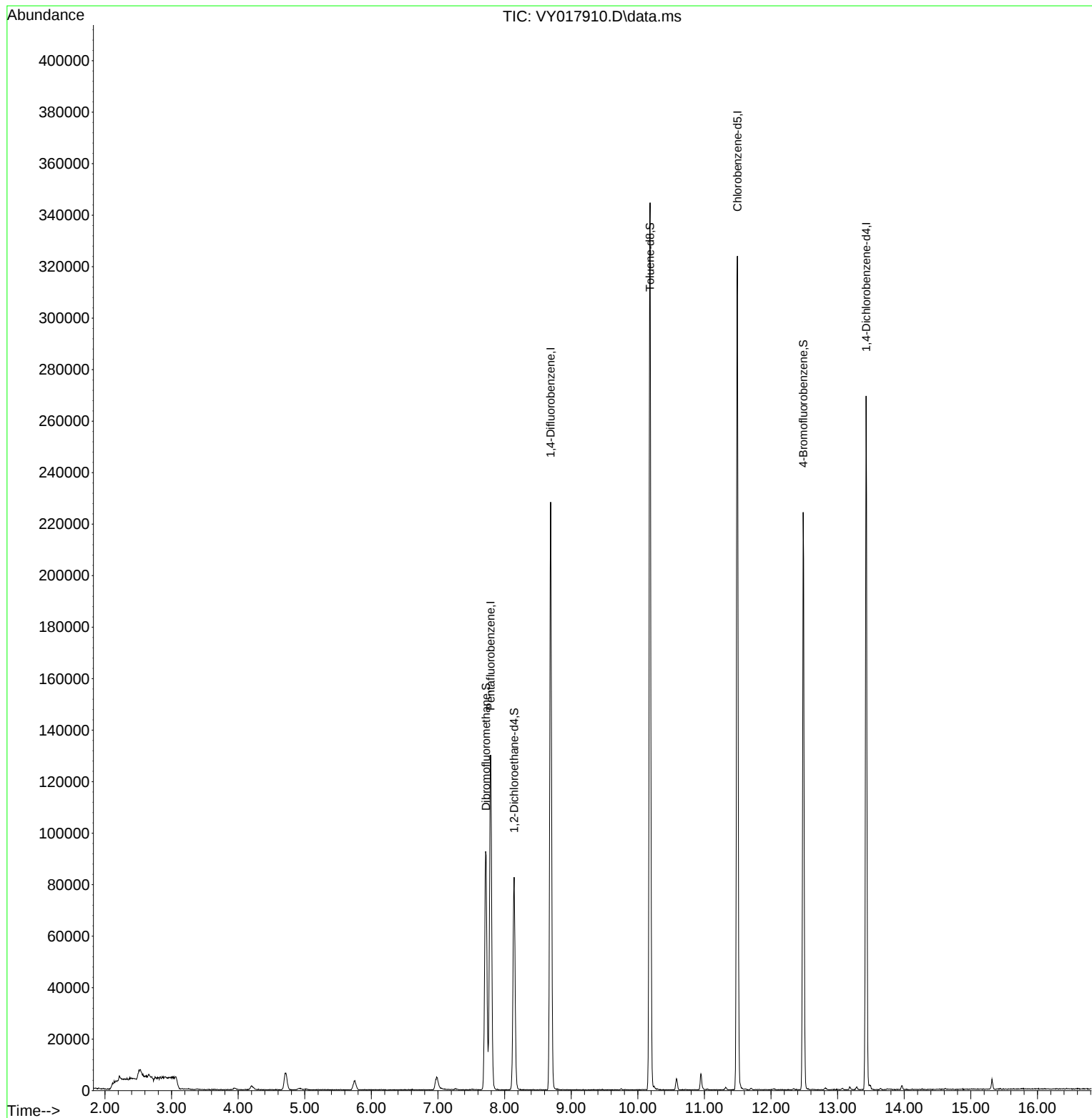
Target Compounds	Qvalue

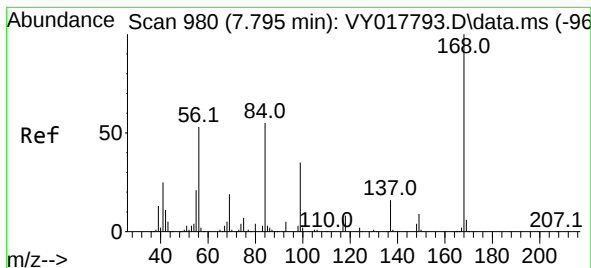
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY017910.D

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Instrument :

MSVOA_Y

ClientSampleId :

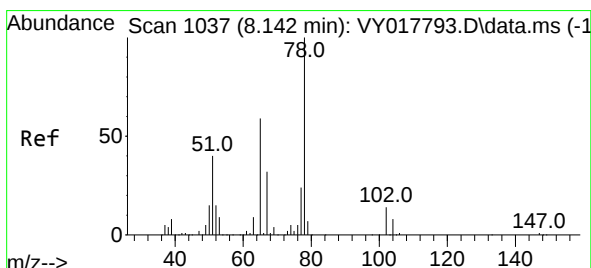
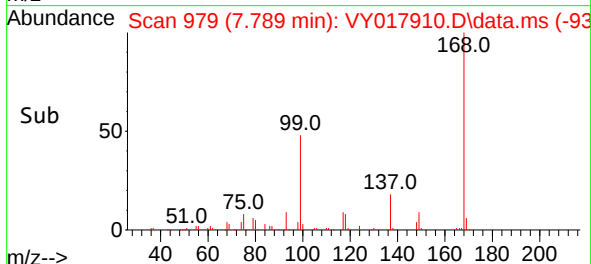
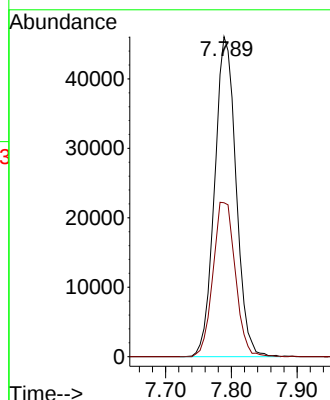
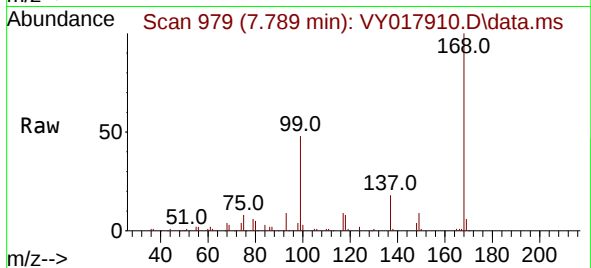
TP-5

Tgt Ion:168 Resp: 104451

Ion Ratio Lower Upper

168 100

99 48.1 39.1 58.7



#33

1,2-Dichloroethane-d4

Concen: 69.030 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY017910.D

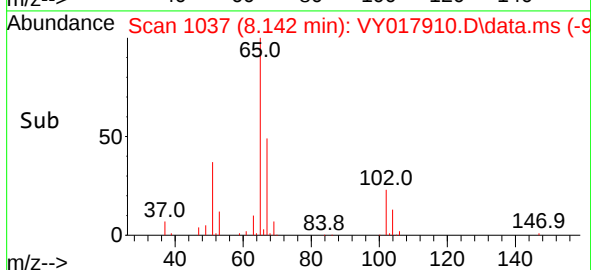
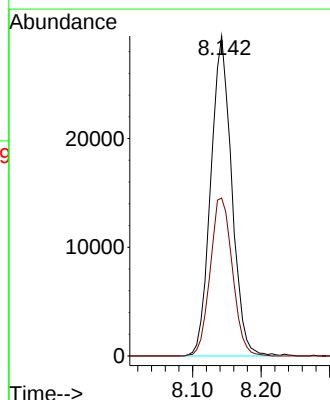
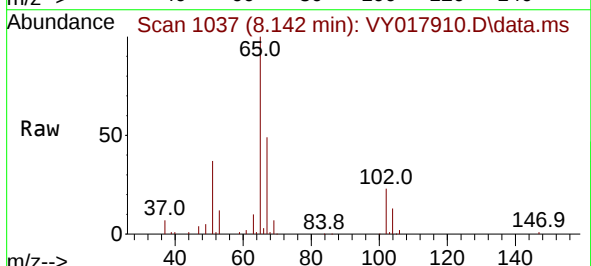
Acq: 11 Apr 2024 14:50

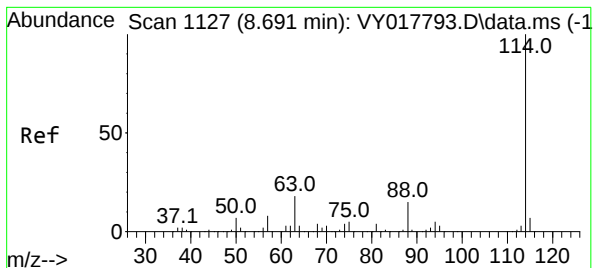
Tgt Ion: 65 Resp: 62393

Ion Ratio Lower Upper

65 100

67 52.4 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: VY017910.D

Acq: 11 Apr 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

TP-5

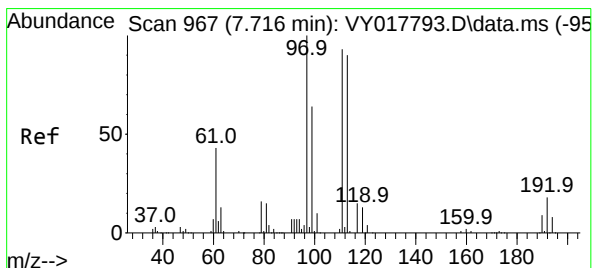
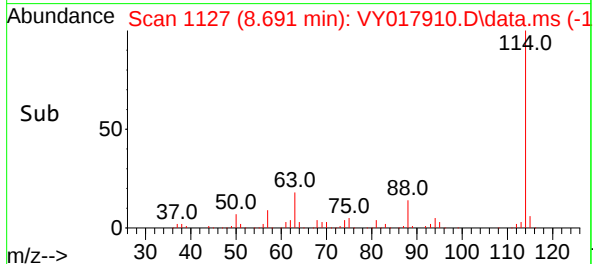
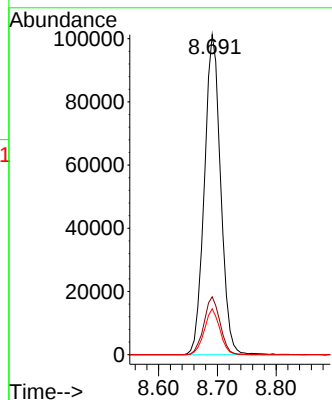
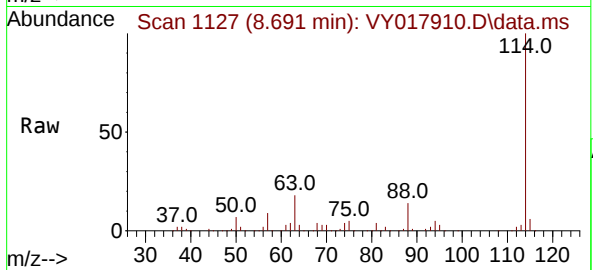
Tgt Ion:114 Resp: 194762

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 58.143 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017910.D

Acq: 11 Apr 2024 14:50

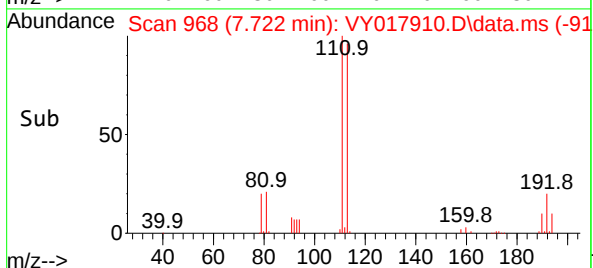
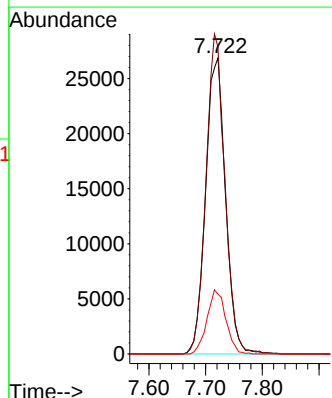
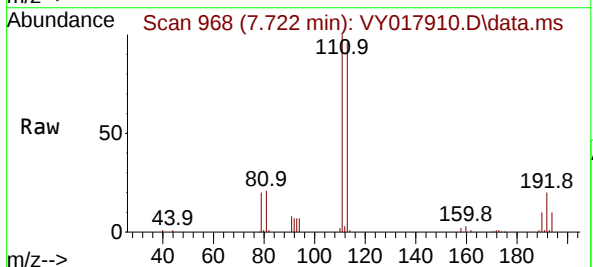
Tgt Ion:113 Resp: 65435

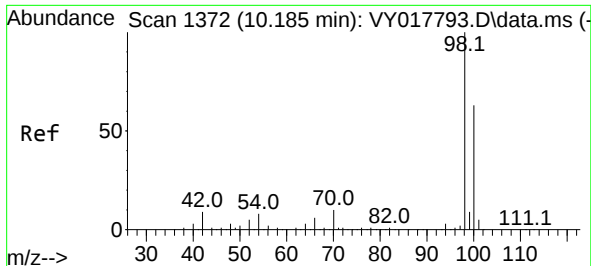
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 20.5 15.9 23.9

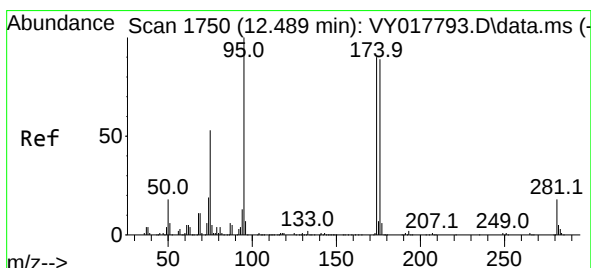
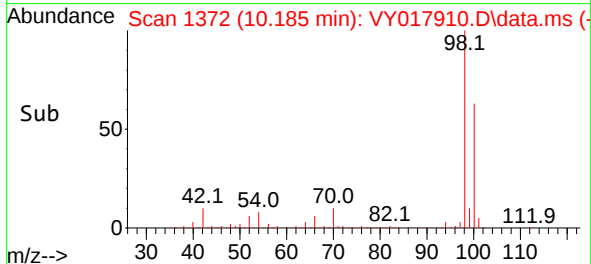
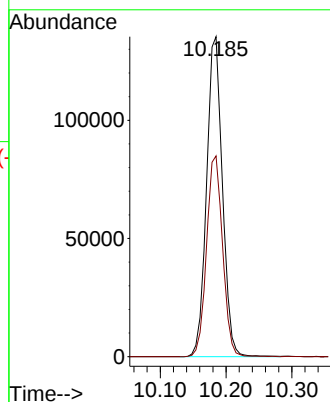
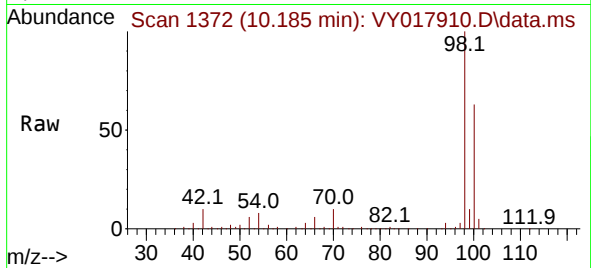




#50
Toluene-d8
Concen: 53.870 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017910.D
Acq: 11 Apr 2024 14:50

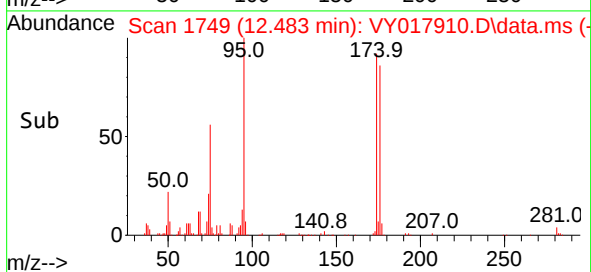
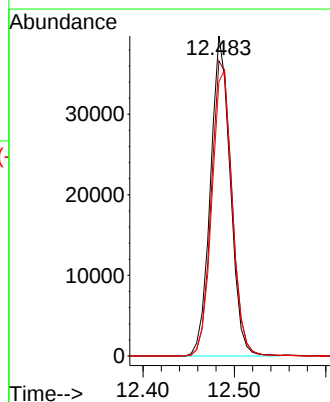
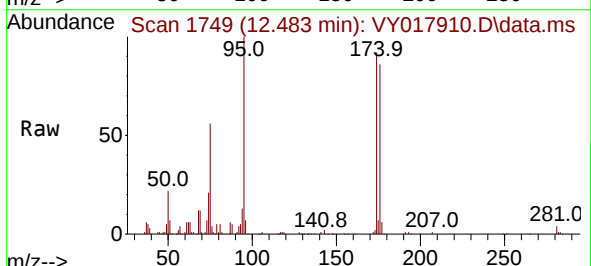
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

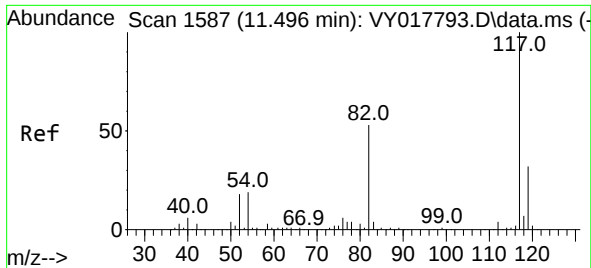
Tgt Ion: 98 Resp: 226465
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.679 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017910.D
Acq: 11 Apr 2024 14:50

Tgt Ion: 95 Resp: 59705
Ion Ratio Lower Upper
95 100
174 96.1 0.0 175.6
176 92.1 0.0 171.4

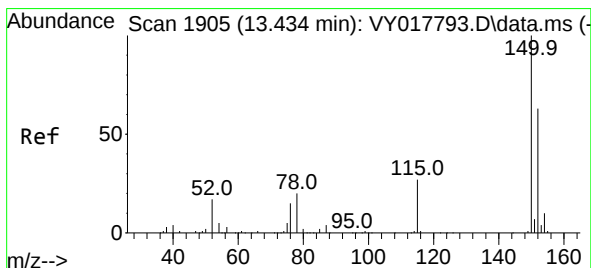
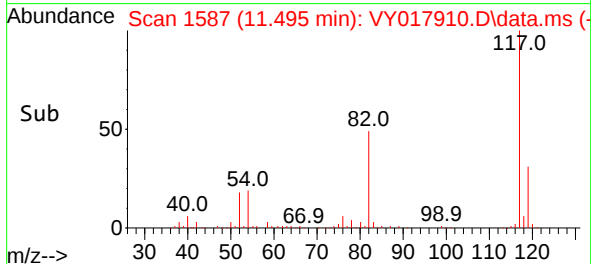
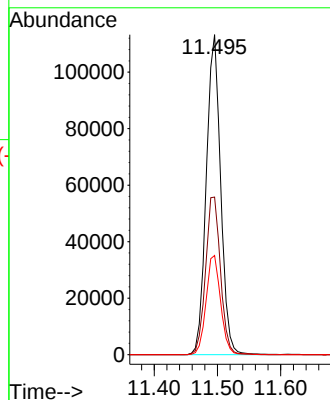
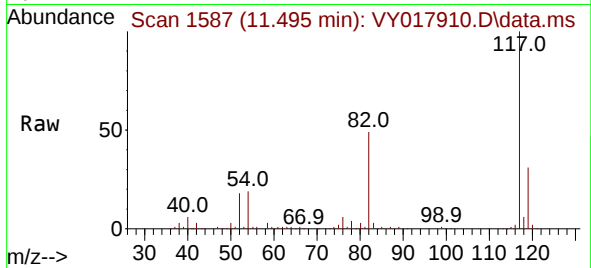




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017910.D
Acq: 11 Apr 2024 14:50

Instrument :
MSVOA_Y
ClientSampleId :
TP-5

Tgt Ion:117 Resp: 179055
Ion Ratio Lower Upper
117 100
82 49.3 42.4 63.6
119 31.0 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: VY017910.D
Acq: 11 Apr 2024 14:50

Tgt Ion:152 Resp: 67503
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 157.1 0.0 345.6

