

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
 Data File : VY017558.D
 Acq On : 01 Mar 2024 18:12
 Operator : SY/MD
 Sample : P1662-03
 Misc : 3.52g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-2520556

Quant Time: Mar 02 00:22:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	110227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	199857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	176720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71406	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	53464	51.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.360%
35) Dibromofluoromethane	7.722	113	64716	46.469	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.940%
50) Toluene-d8	10.185	98	229524	47.137	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.280%
62) 4-Bromofluorobenzene	12.483	95	70150	45.841	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.680%

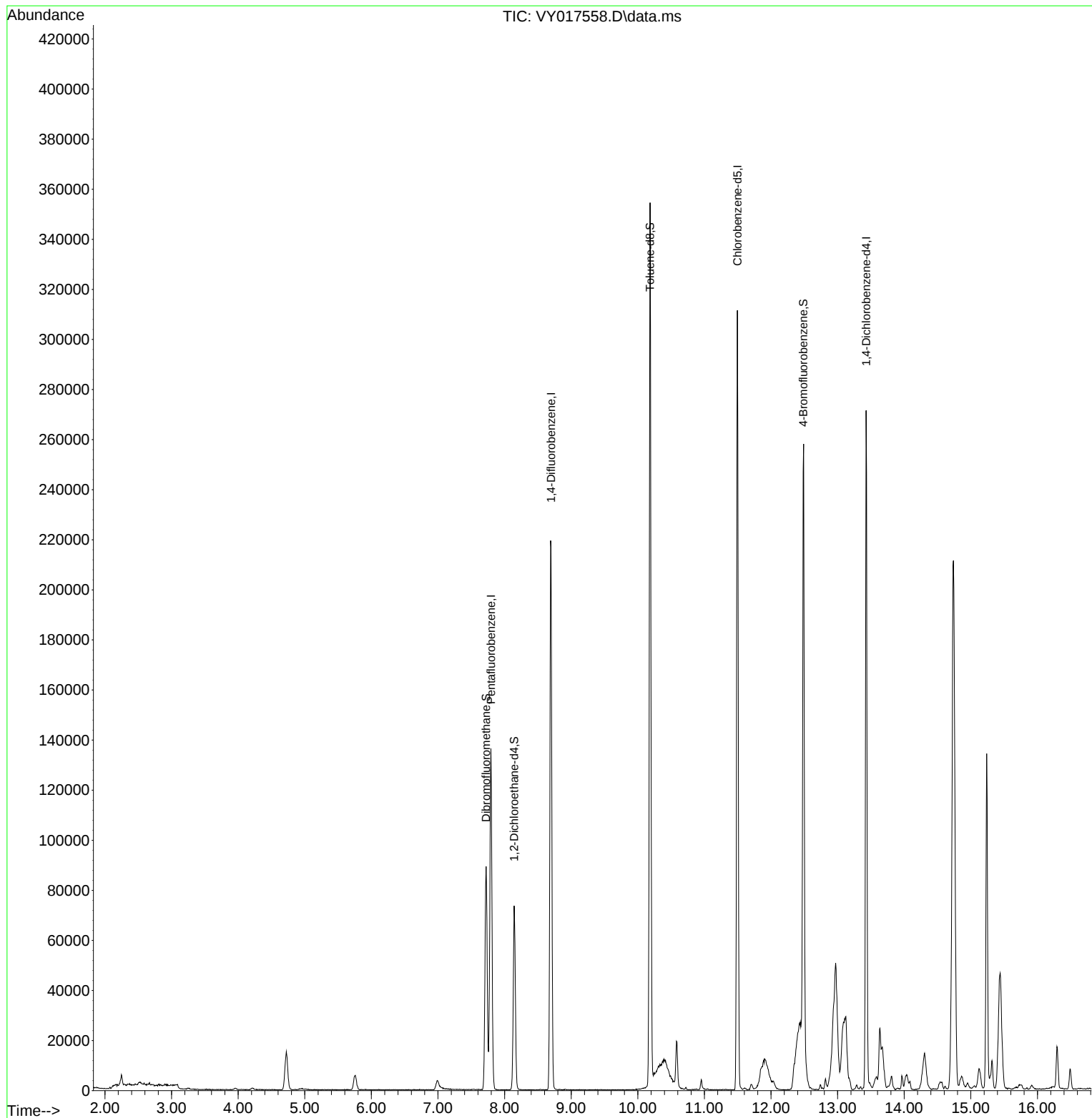
Target Compounds	Qvalue

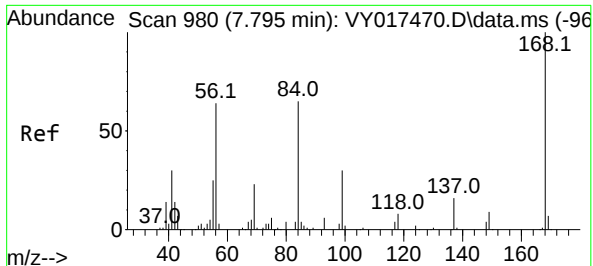
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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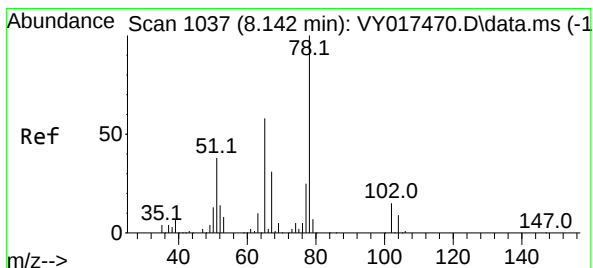
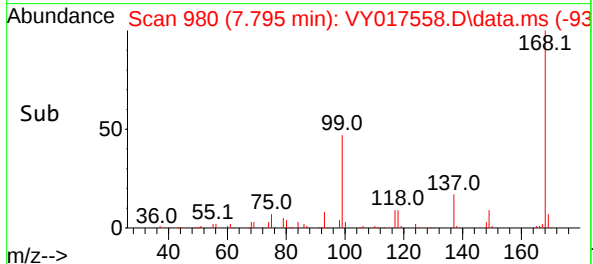
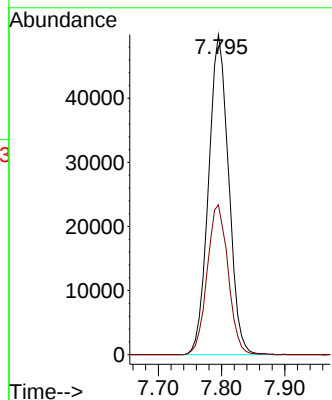
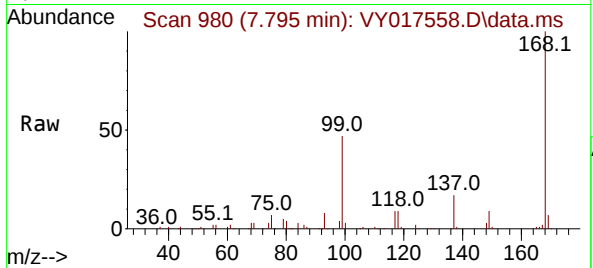




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017558.D
Acq: 01 Mar 2024 18:12

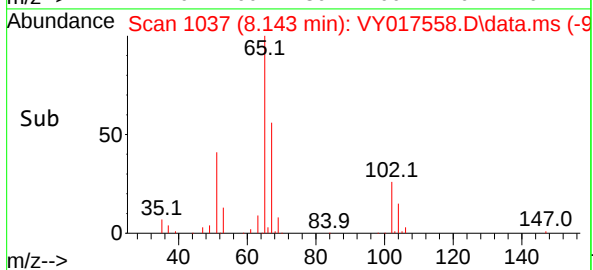
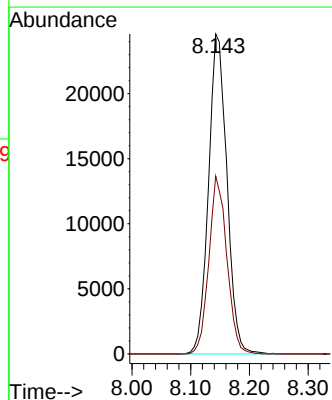
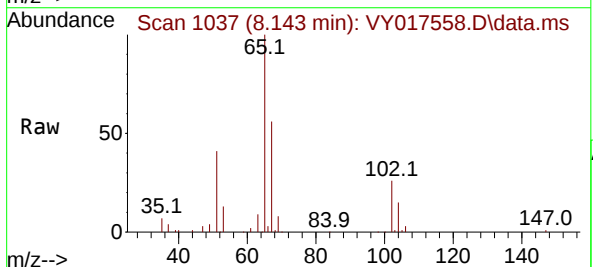
Instrument :
MSVOA_Y
ClientSampleId :
RBR-2520556

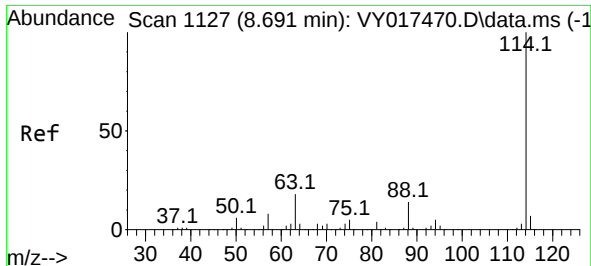
Tgt Ion:168 Resp: 110227
Ion Ratio Lower Upper
168 100
99 46.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.179 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017558.D
Acq: 01 Mar 2024 18:12

Tgt Ion: 65 Resp: 53464
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017558.D

Acq: 01 Mar 2024 18:12

Instrument :

MSVOA_Y

ClientSampleId :

RBR-2520556

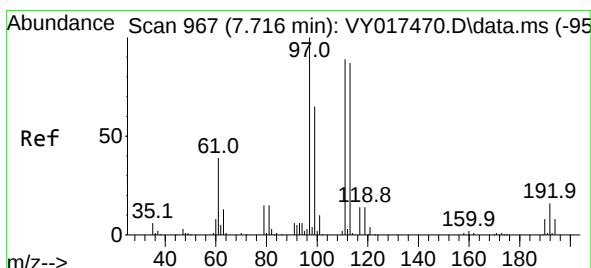
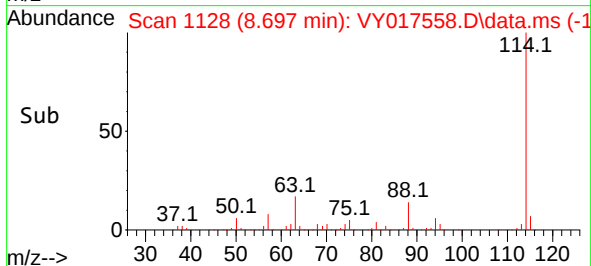
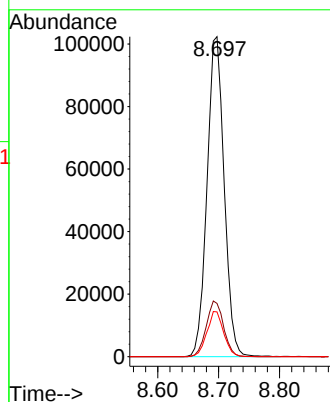
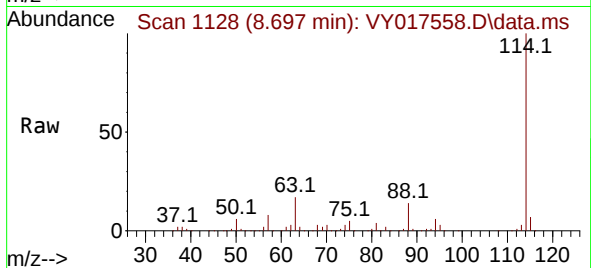
Tgt Ion:114 Resp: 199857

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.469 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017558.D

Acq: 01 Mar 2024 18:12

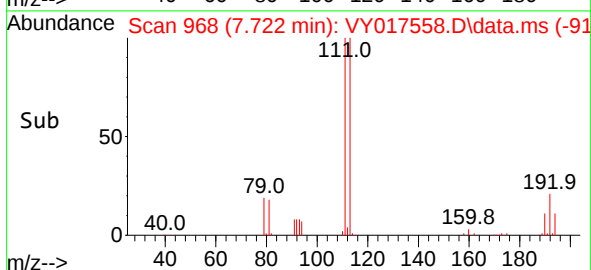
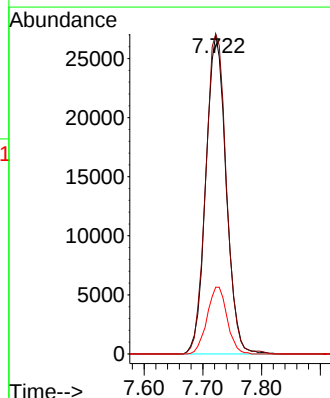
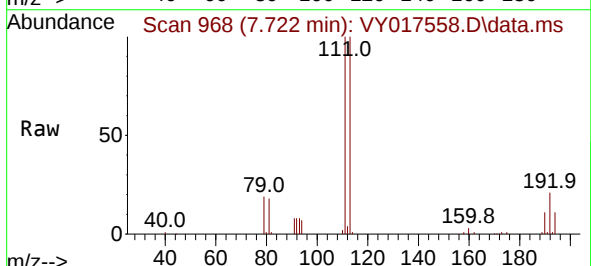
Tgt Ion:113 Resp: 64716

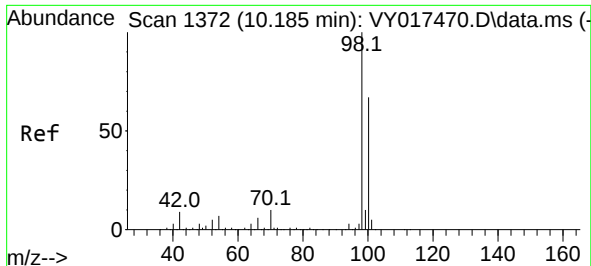
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 20.6 15.9 23.9

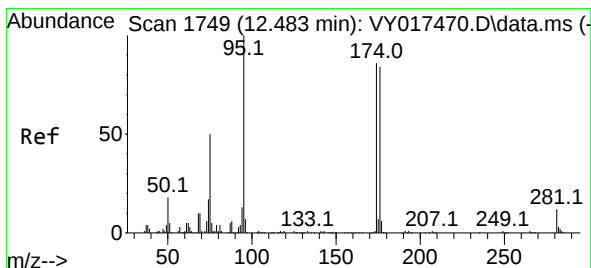
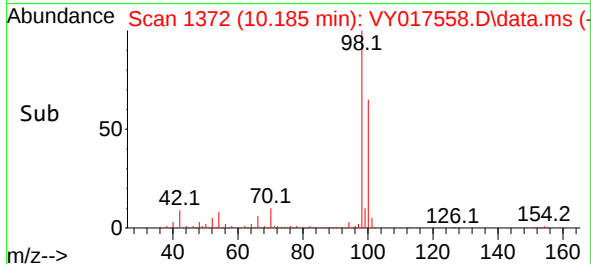
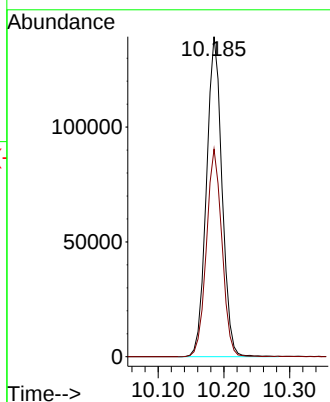
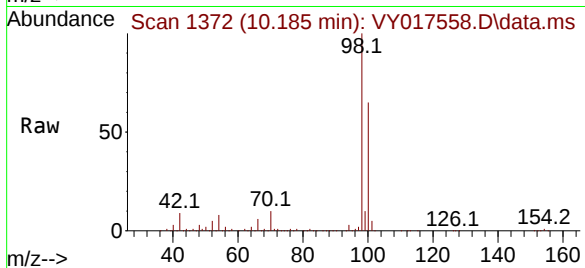




#50
Toluene-d8
Concen: 47.137 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017558.D
Acq: 01 Mar 2024 18:12

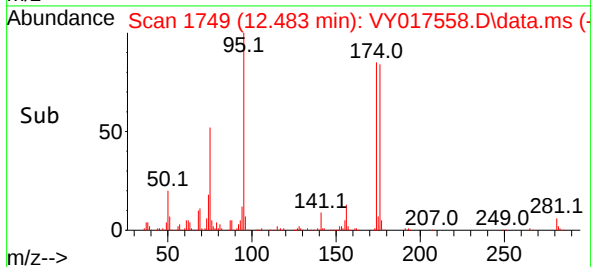
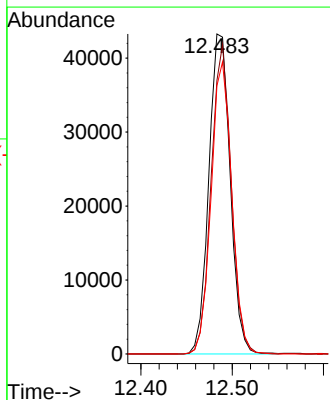
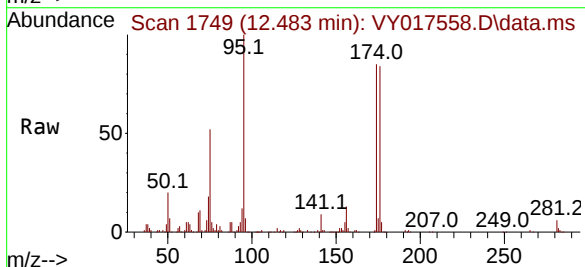
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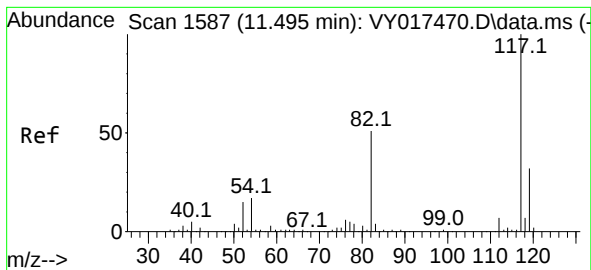
Tgt Ion: 98 Resp: 229524
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.841 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017558.D
Acq: 01 Mar 2024 18:12

Tgt Ion: 95 Resp: 70150
Ion Ratio Lower Upper
95 100
174 91.5 0.0 175.6
176 88.5 0.0 171.4

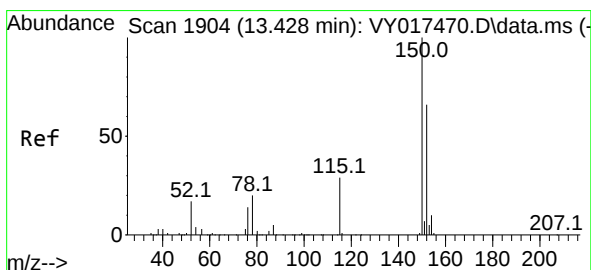
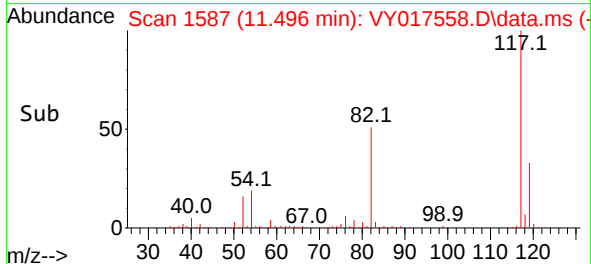
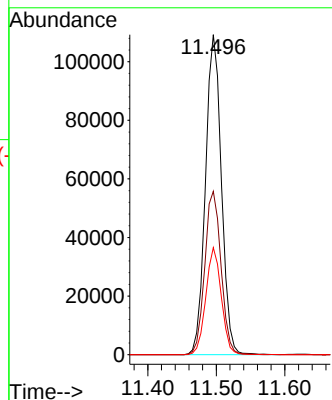
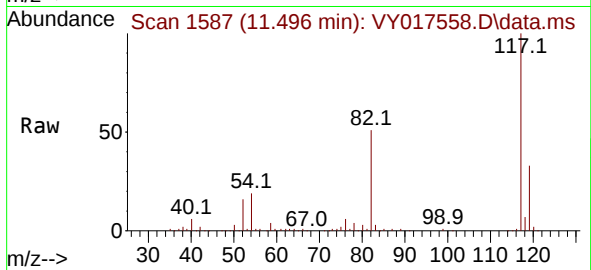




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017558.D
Acq: 01 Mar 2024 18:12

Instrument :
MSVOA_Y
ClientSampleId :
RBR-2520556

Tgt Ion:117 Resp: 176720
Ion Ratio Lower Upper
117 100
82 51.1 42.4 63.6
119 33.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017558.D
Acq: 01 Mar 2024 18:12

Tgt Ion:152 Resp: 71406
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 156.4 0.0 345.6

