

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017157.D
 Acq On : 31 Jan 2024 14:01
 Operator : SY/MD
 Sample : P1295-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-013024RE

Quant Time: Jan 31 22:59:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	4994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	7207	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	4568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	698	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	1283	26.368	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	52.740%
35) Dibromofluoromethane	7.728	113	1552	35.680	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	71.360%
50) Toluene-d8	10.197	98	6088	37.056	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.120%
62) 4-Bromofluorobenzene	12.495	95	918	18.138	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	36.280%

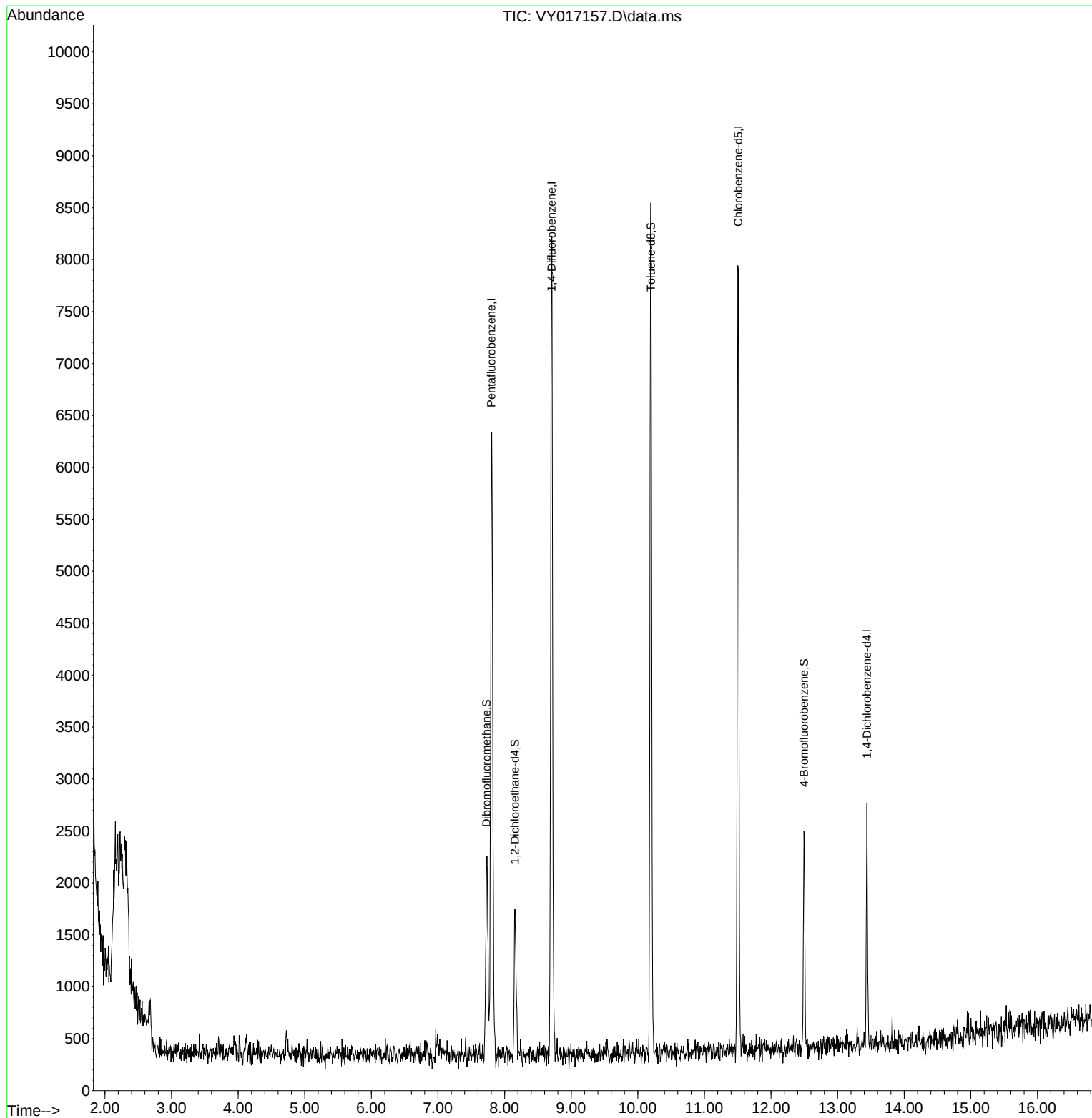
Target Compounds	Qvalue

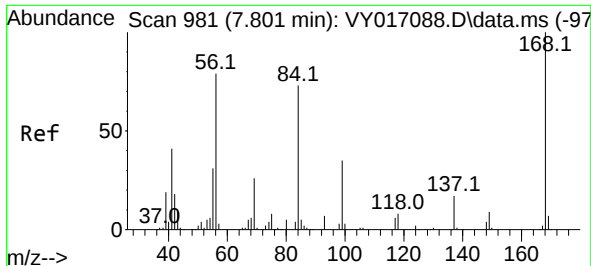
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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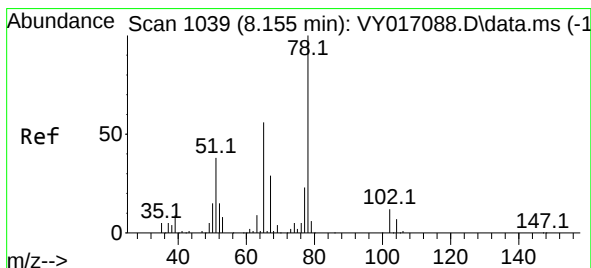
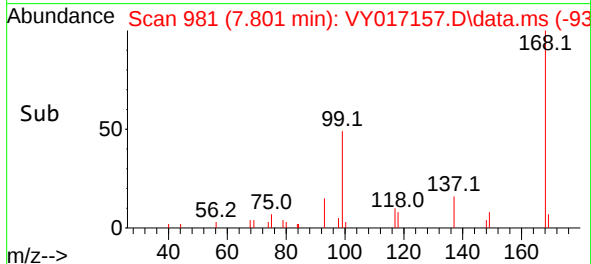
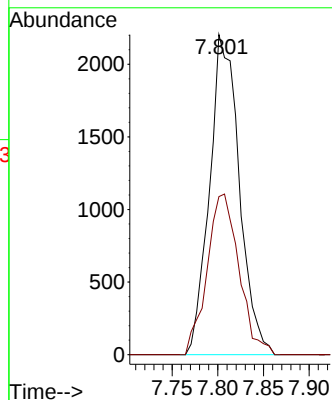
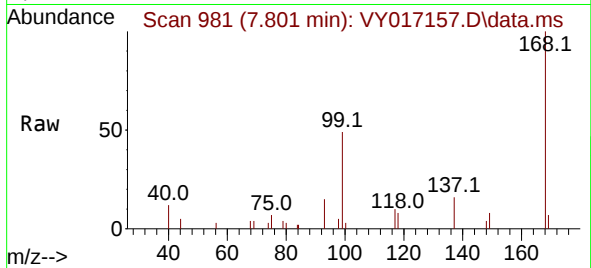




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017157.D
Acq: 31 Jan 2024 14:01

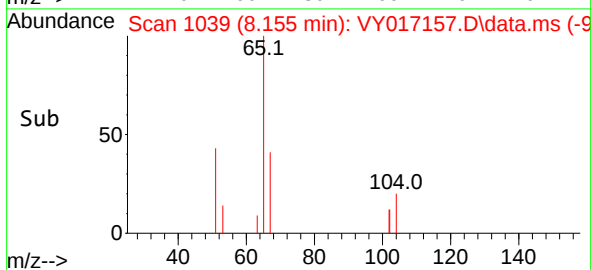
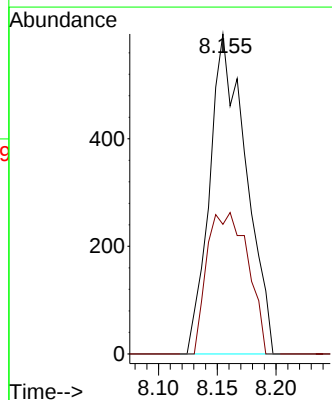
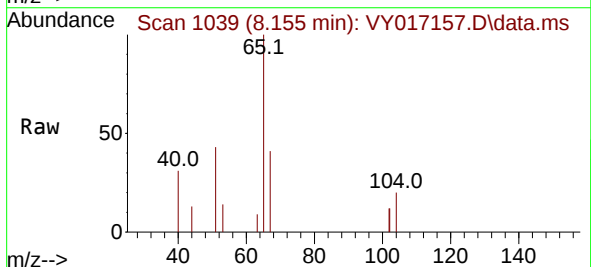
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-013024RE

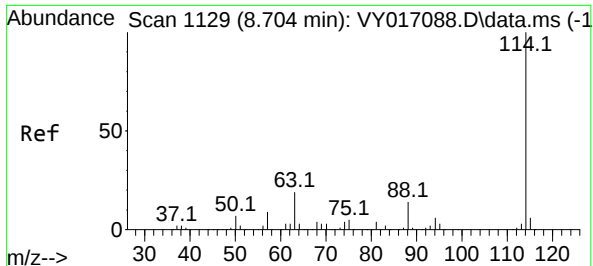
Tgt Ion:168 Resp: 4994
Ion Ratio Lower Upper
168 100
99 49.4 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 26.368 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY017157.D
Acq: 31 Jan 2024 14:01

Tgt Ion: 65 Resp: 1283
Ion Ratio Lower Upper
65 100
67 49.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY017157.D

Acq: 31 Jan 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-013024RE

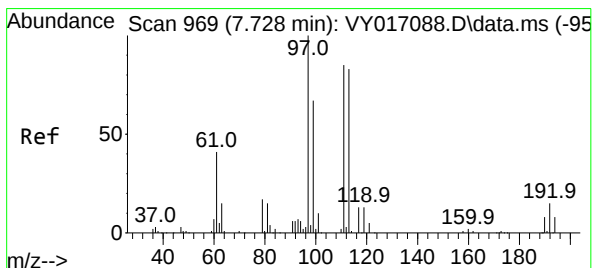
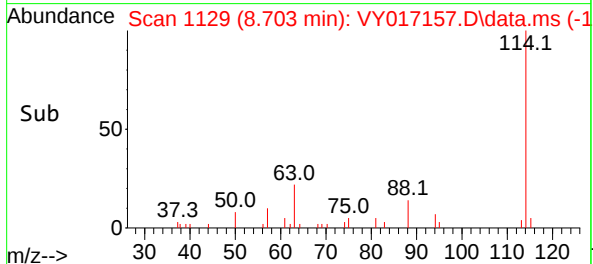
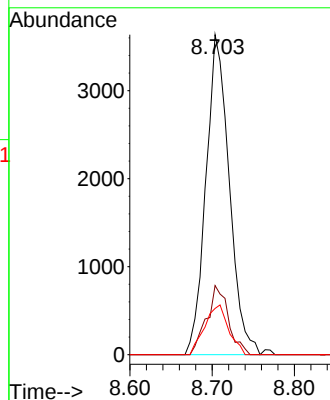
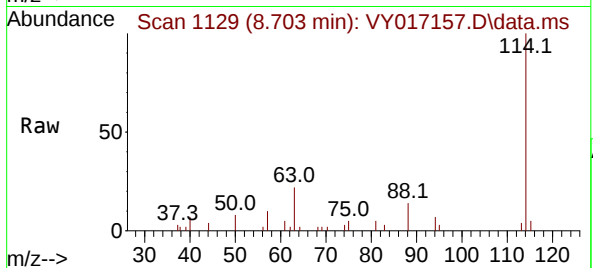
Tgt Ion:114 Resp: 7207

Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.4

88 14.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 35.680 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY017157.D

Acq: 31 Jan 2024 14:01

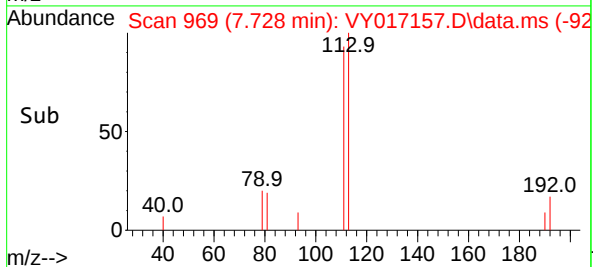
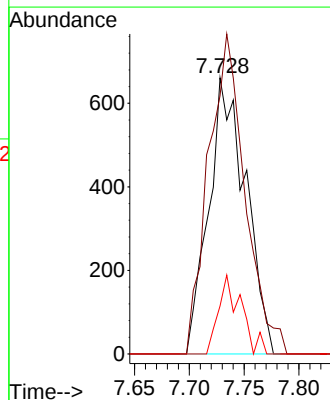
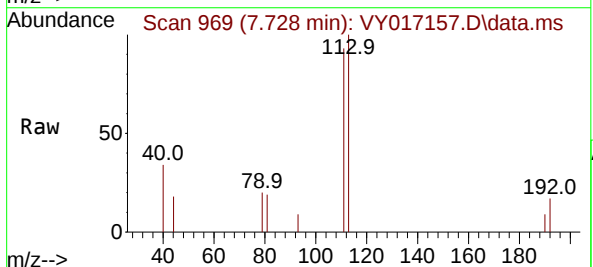
Tgt Ion:113 Resp: 1552

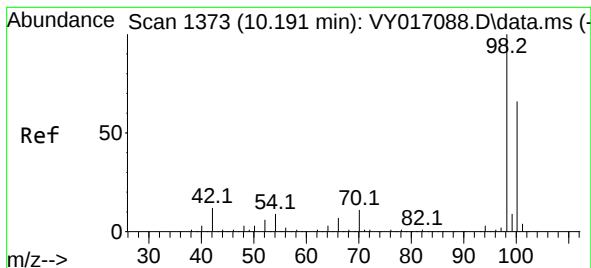
Ion Ratio Lower Upper

113 100

111 114.4 83.8 125.6

192 17.5 14.5 21.7

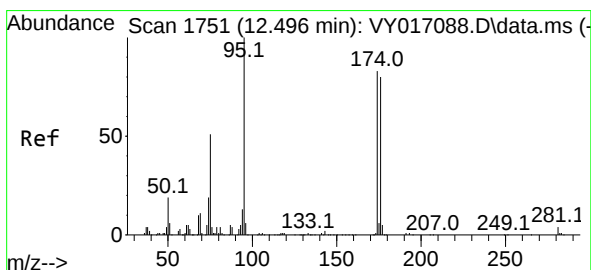
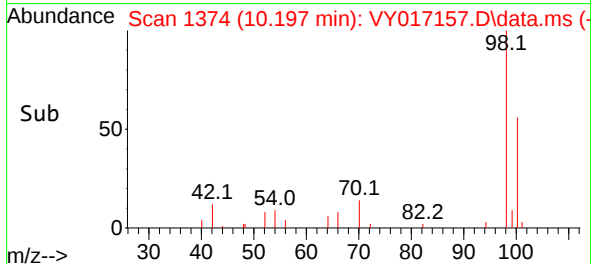
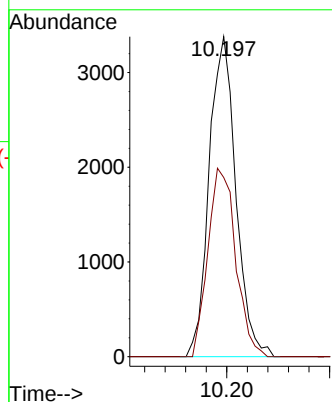
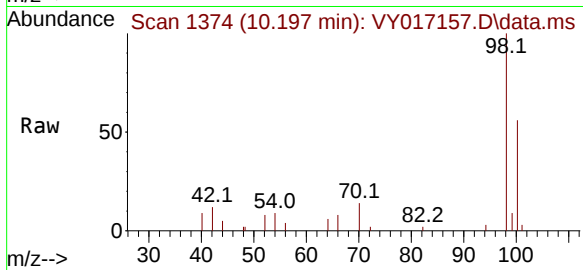




#50
Toluene-d8
Concen: 37.056 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017157.D
Acq: 31 Jan 2024 14:01

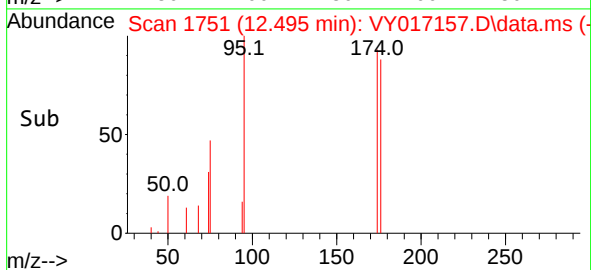
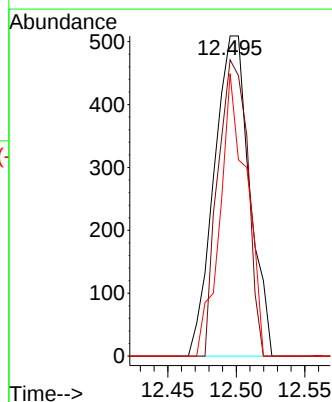
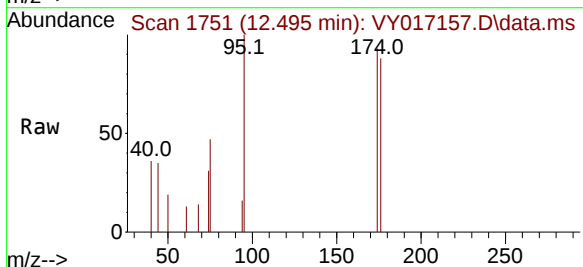
Instrument :
MSVOA_Y
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OK-02-013024RE

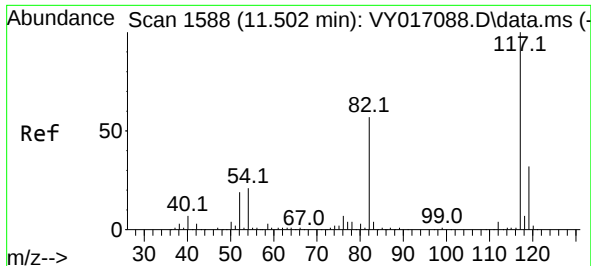
Tgt Ion: 98 Resp: 6088
Ion Ratio Lower Upper
98 100
100 61.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 18.138 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017157.D
Acq: 31 Jan 2024 14:01

Tgt Ion: 95 Resp: 918
Ion Ratio Lower Upper
95 100
174 77.3 0.0 160.0
176 66.7 0.0 151.8

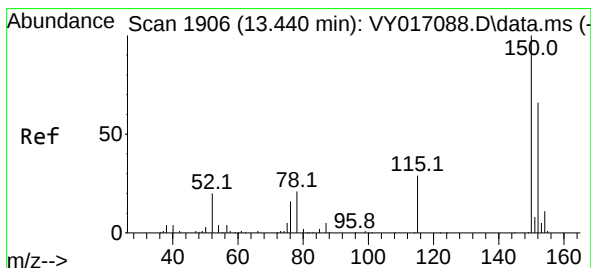
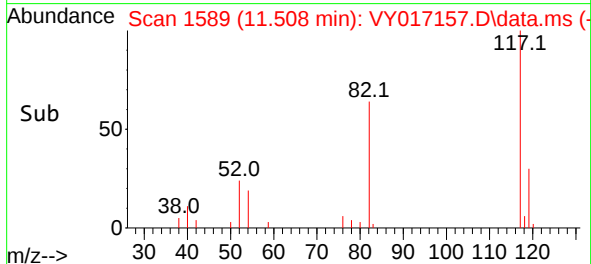
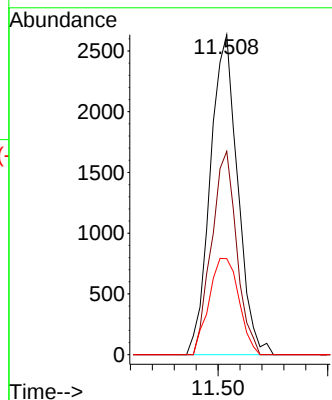
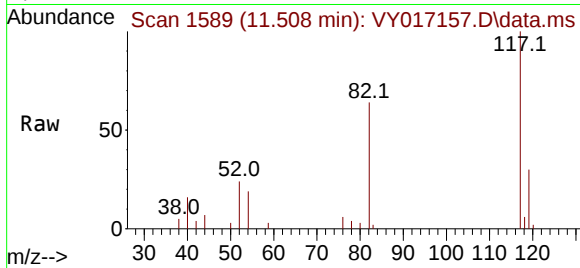




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY017157.D
Acq: 31 Jan 2024 14:01

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-013024RE

Tgt Ion:117 Resp: 4568
Ion Ratio Lower Upper
117 100
82 63.6 43.8 65.8
119 30.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017157.D
Acq: 31 Jan 2024 14:01

Tgt Ion:152 Resp: 698
Ion Ratio Lower Upper
152 100
115 52.6 30.0 90.0
150 126.2 0.0 344.6

