

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017155.D
 Acq On : 31 Jan 2024 13:14
 Operator : SY/MD
 Sample : P1296-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-013024

Quant Time: Jan 31 22:58:26 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	7.813	168	81932	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	177798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	175668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68634	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	39970	50.071	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.140%
35) Dibromofluoromethane	7.746	113	42067	39.202	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.400%
50) Toluene-d8	10.197	98	158345	39.068	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.140%
62) 4-Bromofluorobenzene	12.495	95	53681	42.994	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.980%

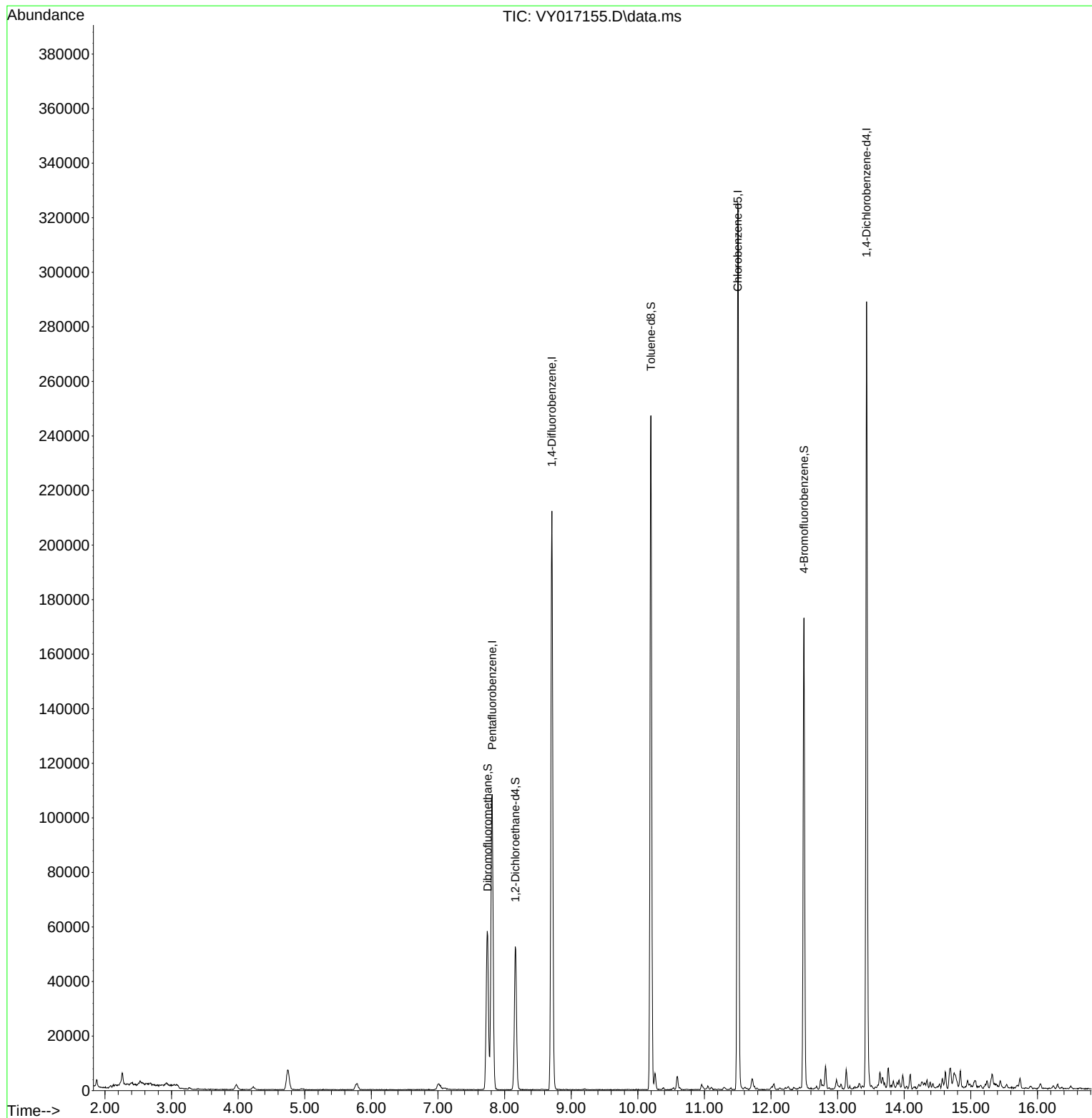
Target Compounds	Qvalue

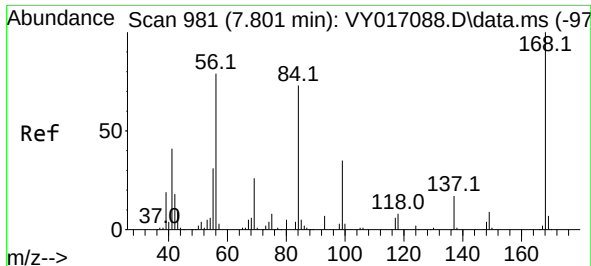
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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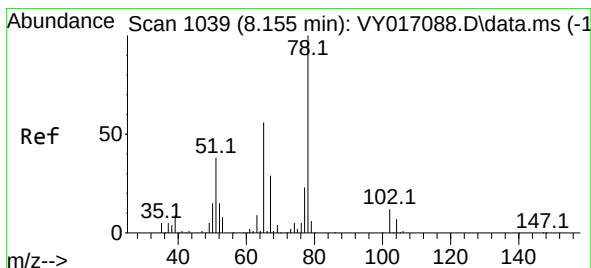
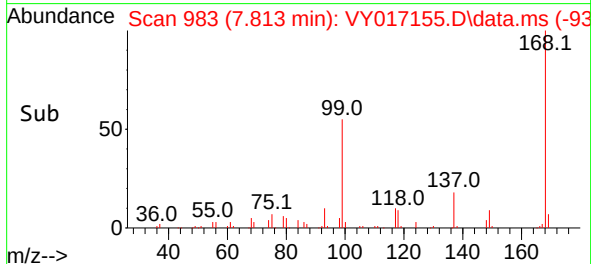
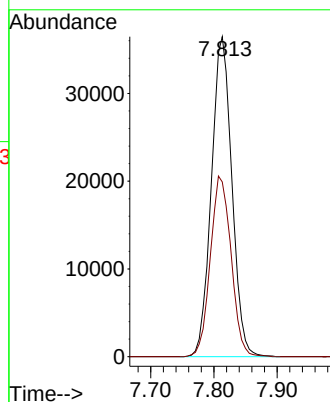
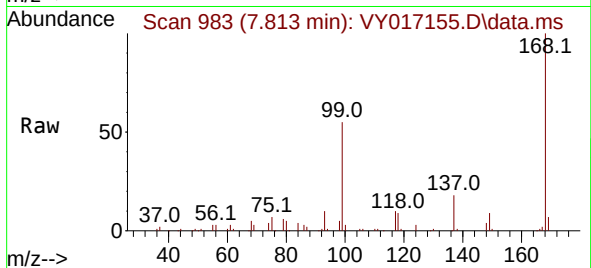




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017155.D
Acq: 31 Jan 2024 13:14

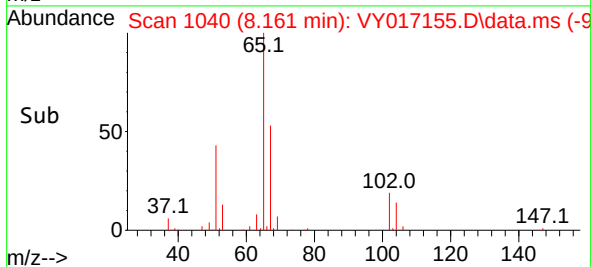
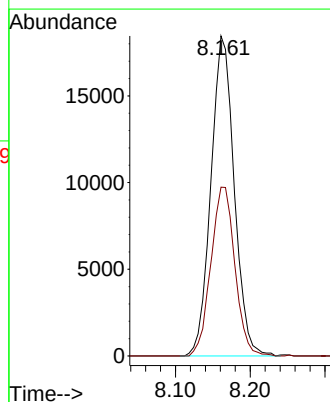
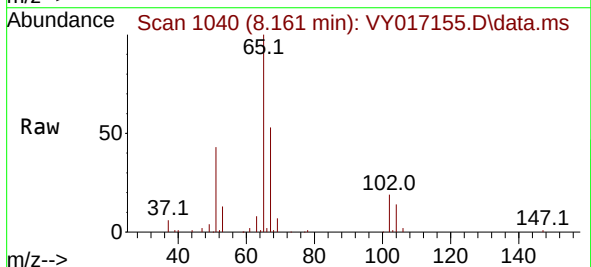
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-013024

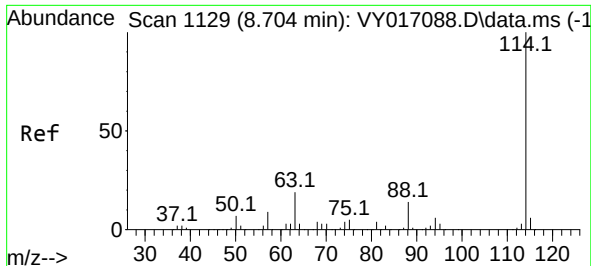
Tgt Ion:168 Resp: 81932
Ion Ratio Lower Upper
168 100
99 54.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 50.071 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY017155.D
Acq: 31 Jan 2024 13:14

Tgt Ion: 65 Resp: 39970
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017155.D

Acq: 31 Jan 2024 13:14

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-013024

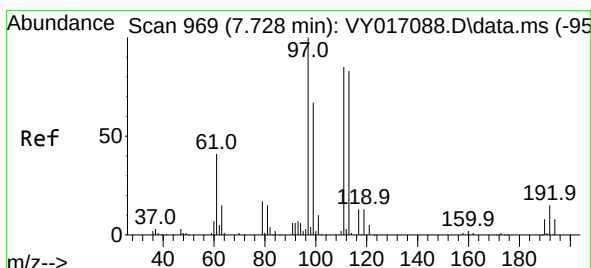
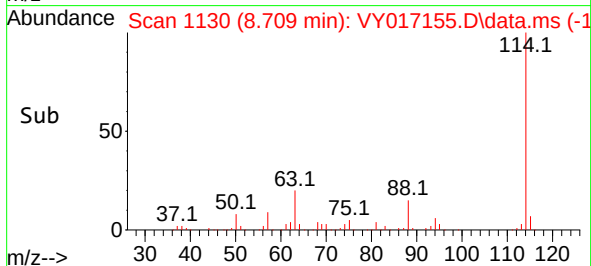
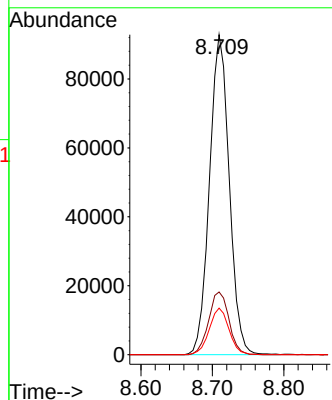
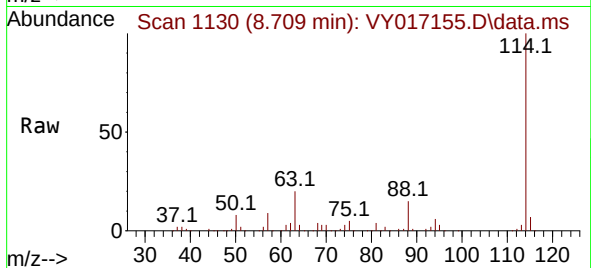
Tgt Ion:114 Resp: 177798

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 39.202 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY017155.D

Acq: 31 Jan 2024 13:14

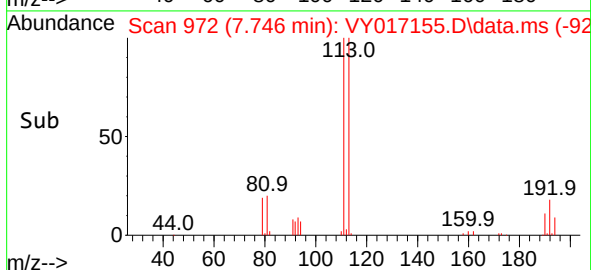
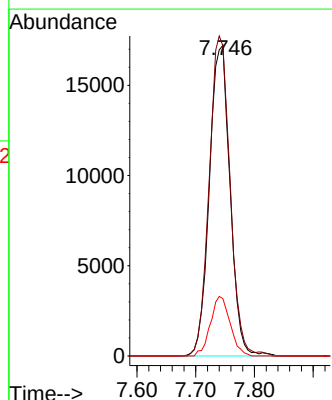
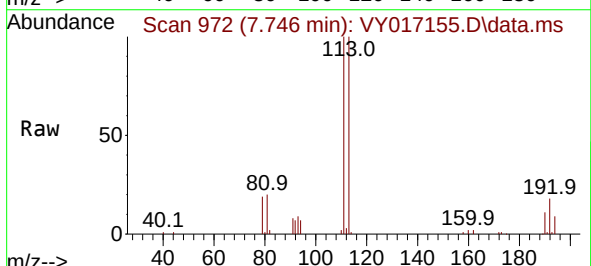
Tgt Ion:113 Resp: 42067

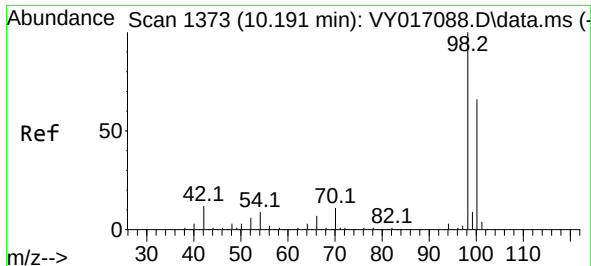
Ion Ratio Lower Upper

113 100

111 103.8 83.8 125.6

192 18.2 14.5 21.7

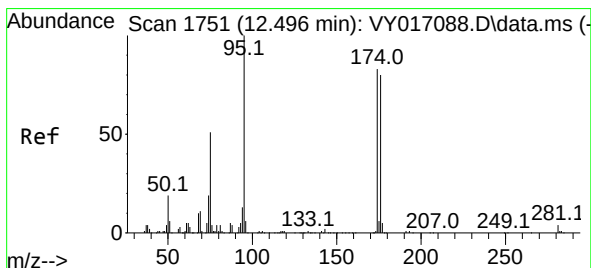
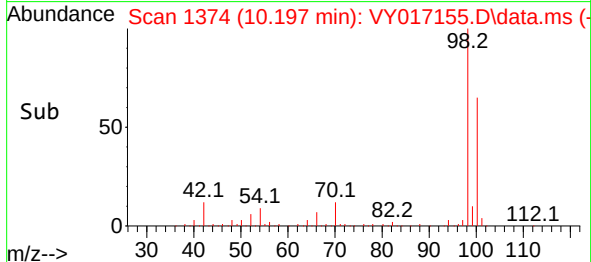
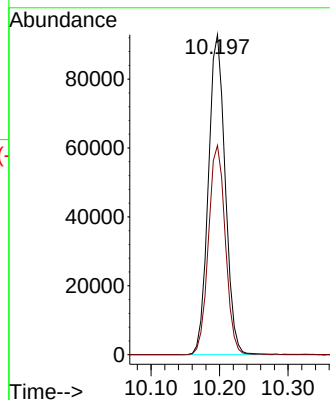
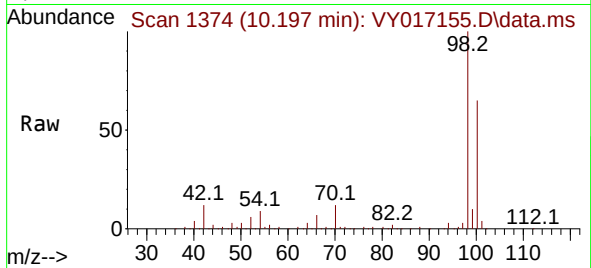




#50
Toluene-d8
Concen: 39.068 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017155.D
Acq: 31 Jan 2024 13:14

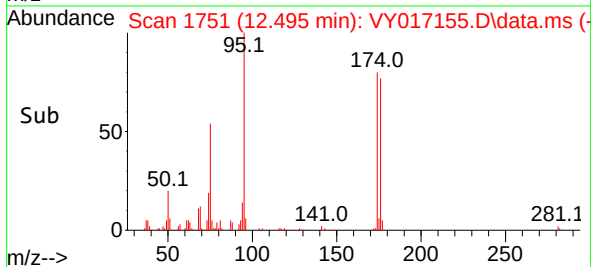
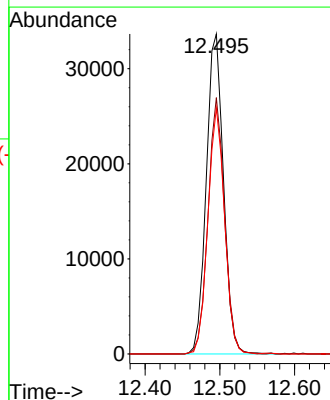
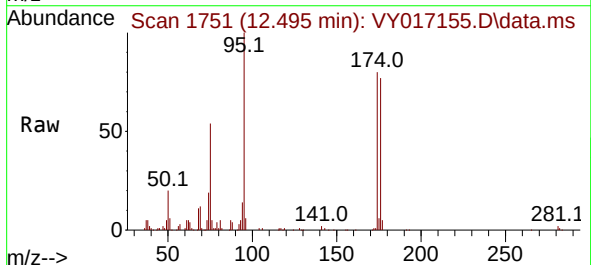
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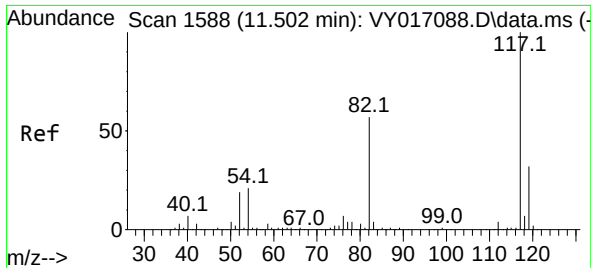
Tgt Ion: 98 Resp: 158345
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 42.994 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017155.D
Acq: 31 Jan 2024 13:14

Tgt Ion: 95 Resp: 53681
Ion Ratio Lower Upper
95 100
174 77.2 0.0 160.0
176 74.6 0.0 151.8

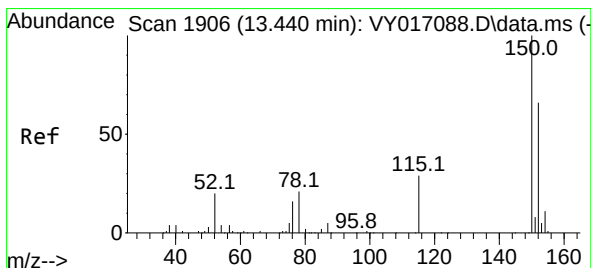
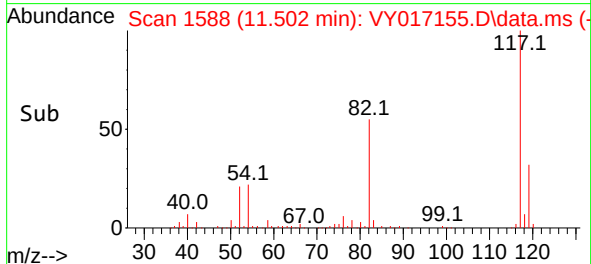
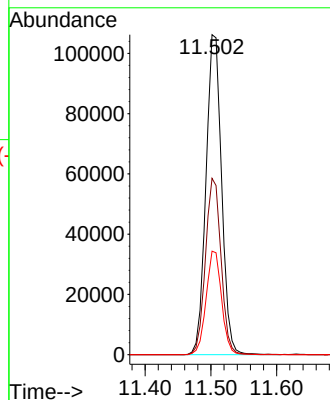
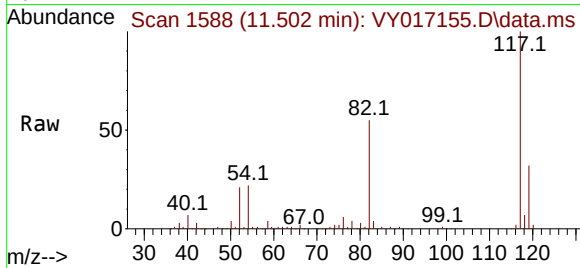




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017155.D
Acq: 31 Jan 2024 13:14

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-013024

Tgt Ion:117 Resp: 175668
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 32.4 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017155.D
Acq: 31 Jan 2024 13:14

Tgt Ion:152 Resp: 68634
Ion Ratio Lower Upper
152 100
115 60.5 30.0 90.0
150 160.9 0.0 344.6

