

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018958.D
 Acq On : 09 Aug 2024 11:30
 Operator : SY/MD
 Sample : P3507-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-080724

Quant Time: Aug 09 14:22:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	87238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	146803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	122904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	45752	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	41783	54.551	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.100%
35) Dibromofluoromethane	7.622	113	46639	49.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.480%
50) Toluene-d8	10.103	98	171684	47.671	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.340%
62) 4-Bromofluorobenzene	12.408	95	44604	41.746	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.500%

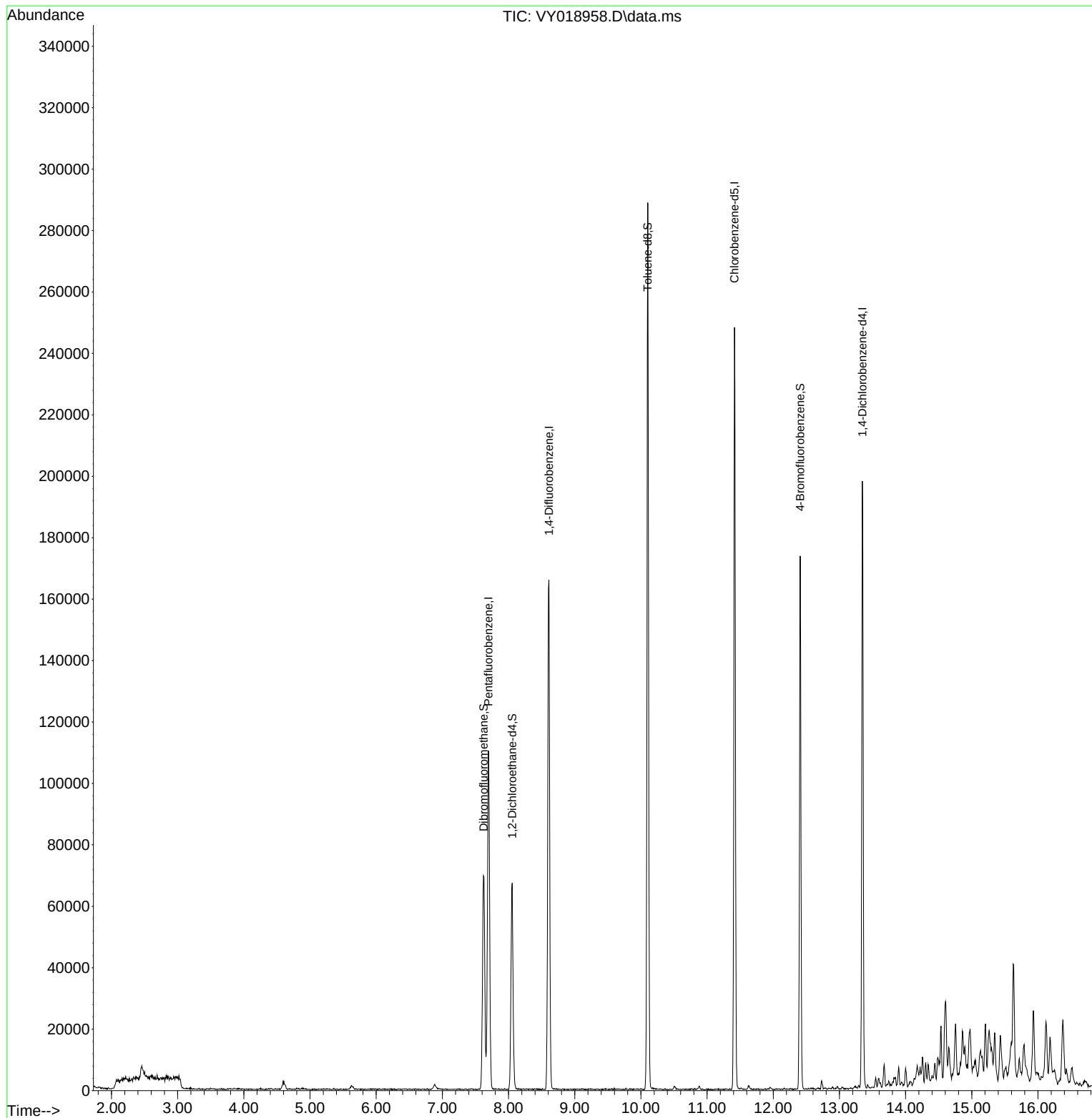
Target Compounds	Qvalue

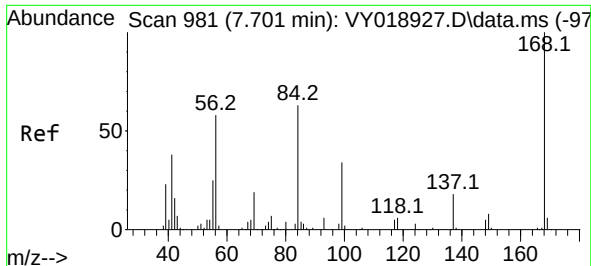
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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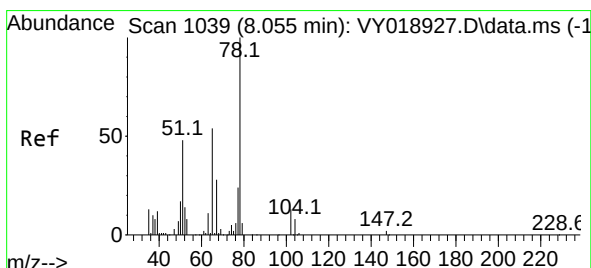
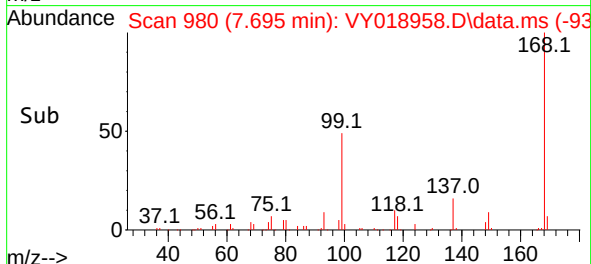
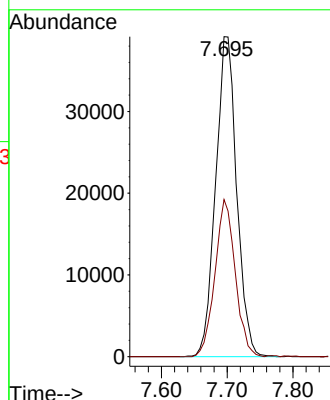
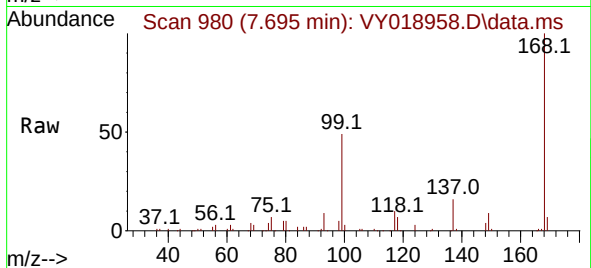




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018958.D
Acq: 09 Aug 2024 11:30

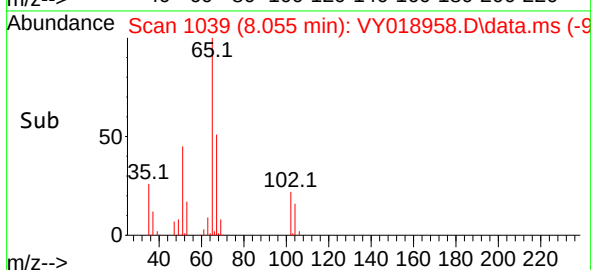
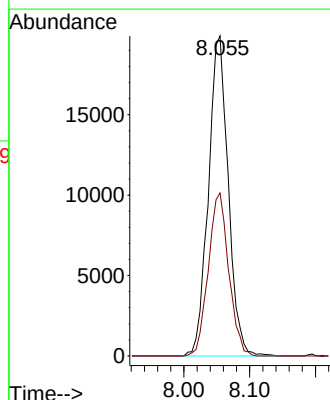
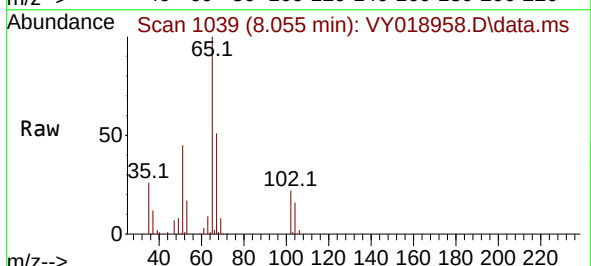
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-080724

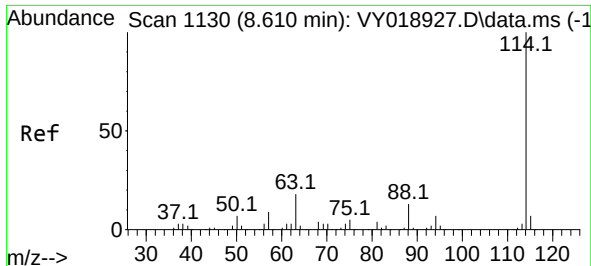
Tgt Ion:168 Resp: 87238
Ion Ratio Lower Upper
168 100
99 49.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.551 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY018958.D
Acq: 09 Aug 2024 11:30

Tgt Ion: 65 Resp: 41783
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY018958.D

Acq: 09 Aug 2024 11:30

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-080724

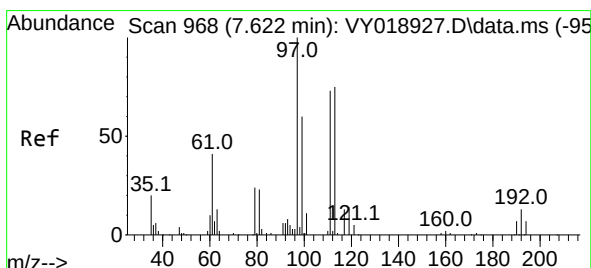
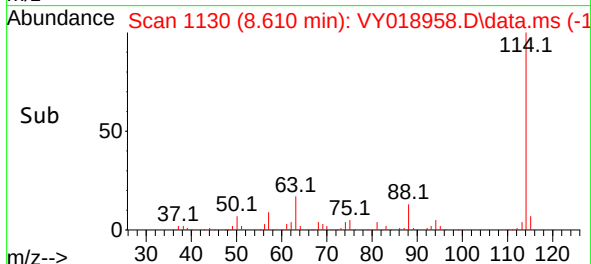
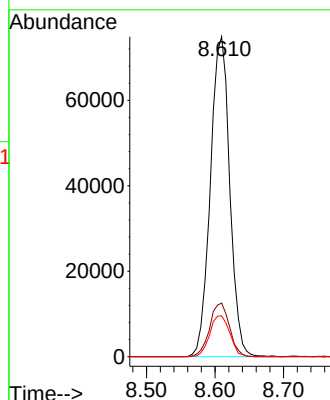
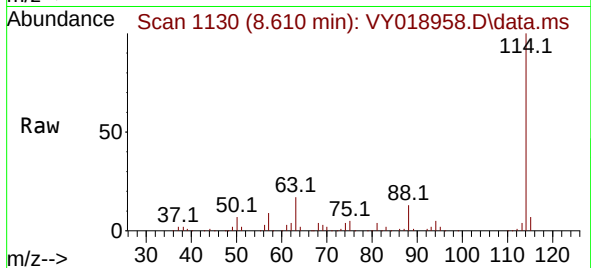
Tgt Ion:114 Resp: 146803

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 12.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.742 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY018958.D

Acq: 09 Aug 2024 11:30

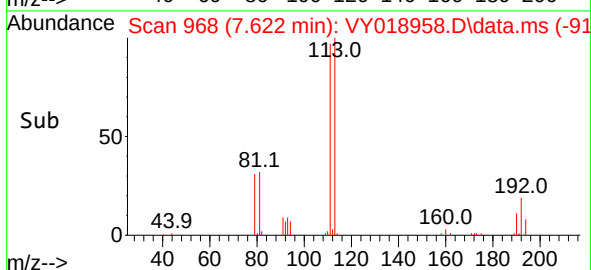
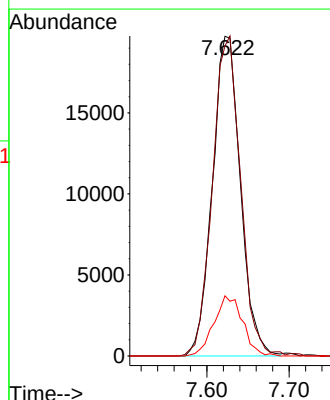
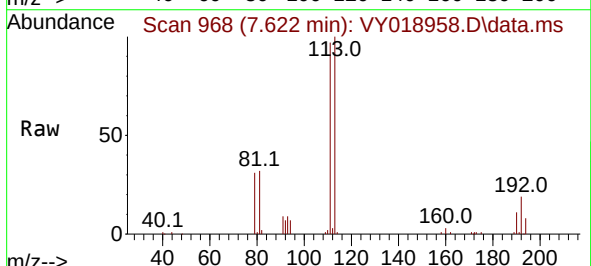
Tgt Ion:113 Resp: 46639

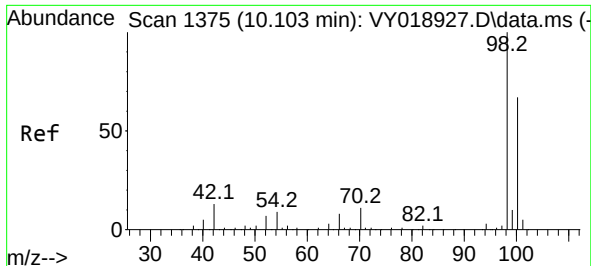
Ion Ratio Lower Upper

113 100

111 100.5 82.2 123.4

192 19.3 15.9 23.9

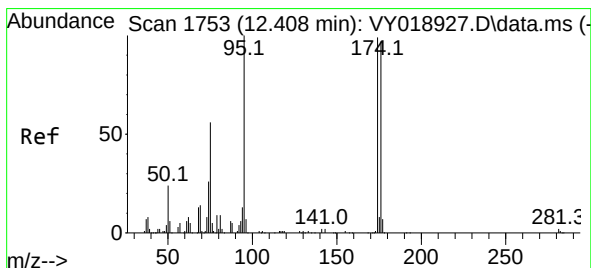
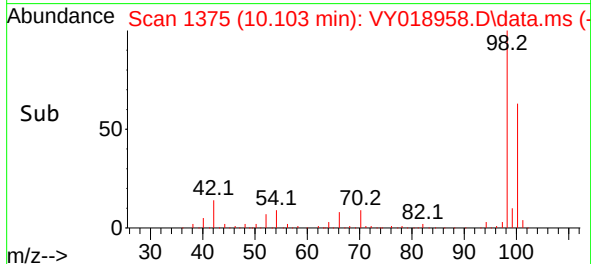
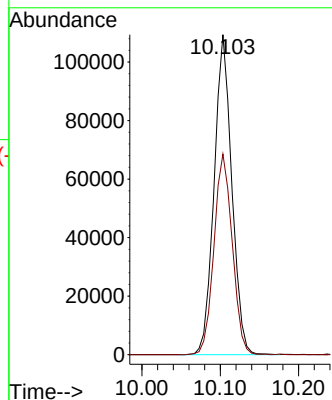
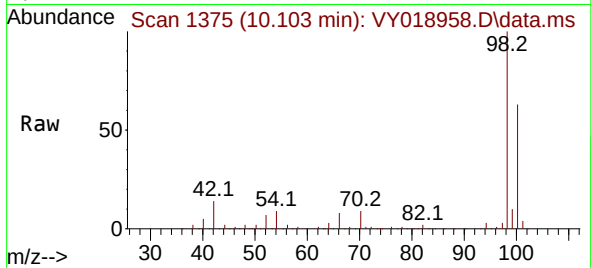




#50
Toluene-d8
Concen: 47.671 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018958.D
Acq: 09 Aug 2024 11:30

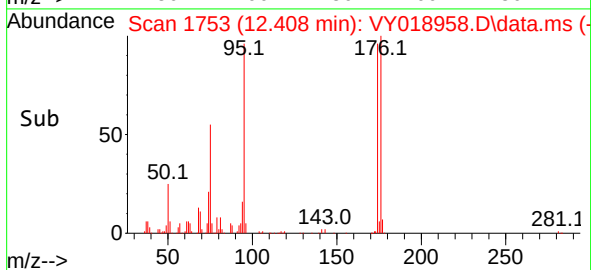
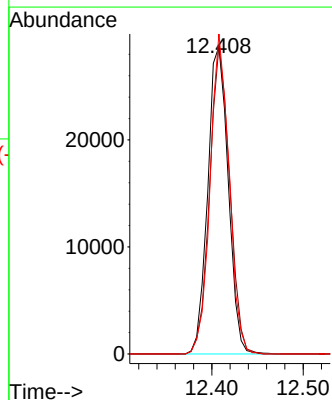
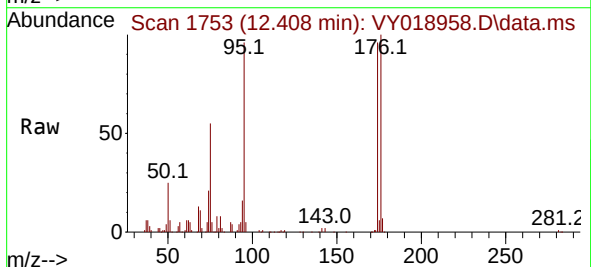
Instrument :
MSVOA_Y
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EO-03-080724

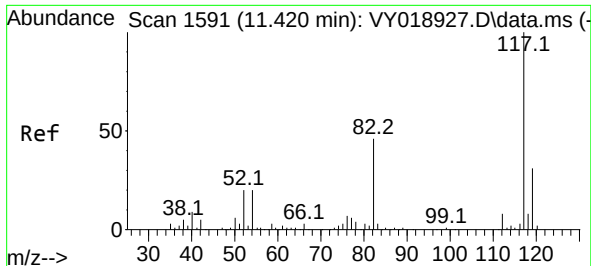
Tgt Ion: 98 Resp: 171684
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.746 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY018958.D
Acq: 09 Aug 2024 11:30

Tgt Ion: 95 Resp: 44604
Ion Ratio Lower Upper
95 100
174 97.6 0.0 175.6
176 96.6 0.0 171.4

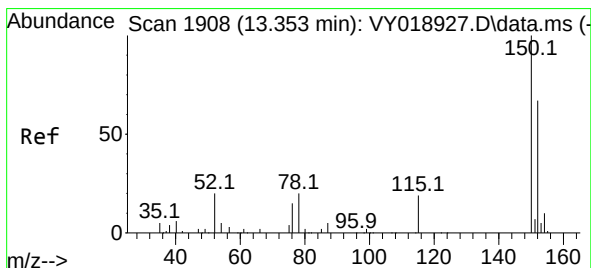
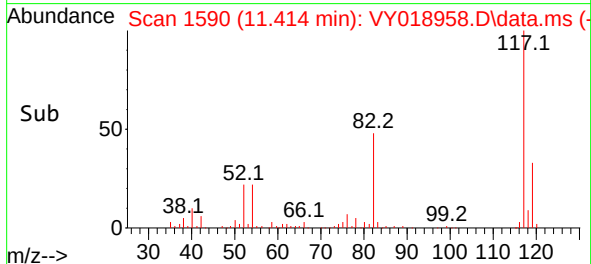
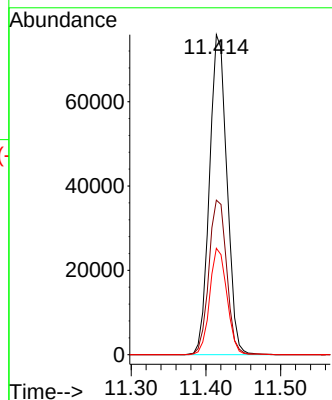
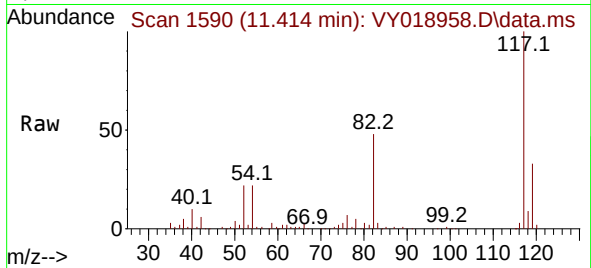




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018958.D
Acq: 09 Aug 2024 11:30

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-080724

Tgt Ion:117 Resp: 122904
Ion Ratio Lower Upper
117 100
82 48.3 42.4 63.6
119 33.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY018958.D
Acq: 09 Aug 2024 11:30

Tgt Ion:152 Resp: 45752
Ion Ratio Lower Upper
152 100
115 53.1 28.2 84.7
150 155.8 0.0 345.6

