

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018962.D
 Acq On : 09 Aug 2024 13:08
 Operator : SY/MD
 Sample : P3518-01RE
 Misc : 3.75g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-01-080724RE

Quant Time: Aug 09 23:25:44 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	7.701	168	71123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	118527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	85007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	24813	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	36113	57.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.660%
35) Dibromofluoromethane	7.622	113	41011	54.174	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.340%
50) Toluene-d8	10.103	98	151342	52.048	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.100%
62) 4-Bromofluorobenzene	12.408	95	30773	35.672	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.340%

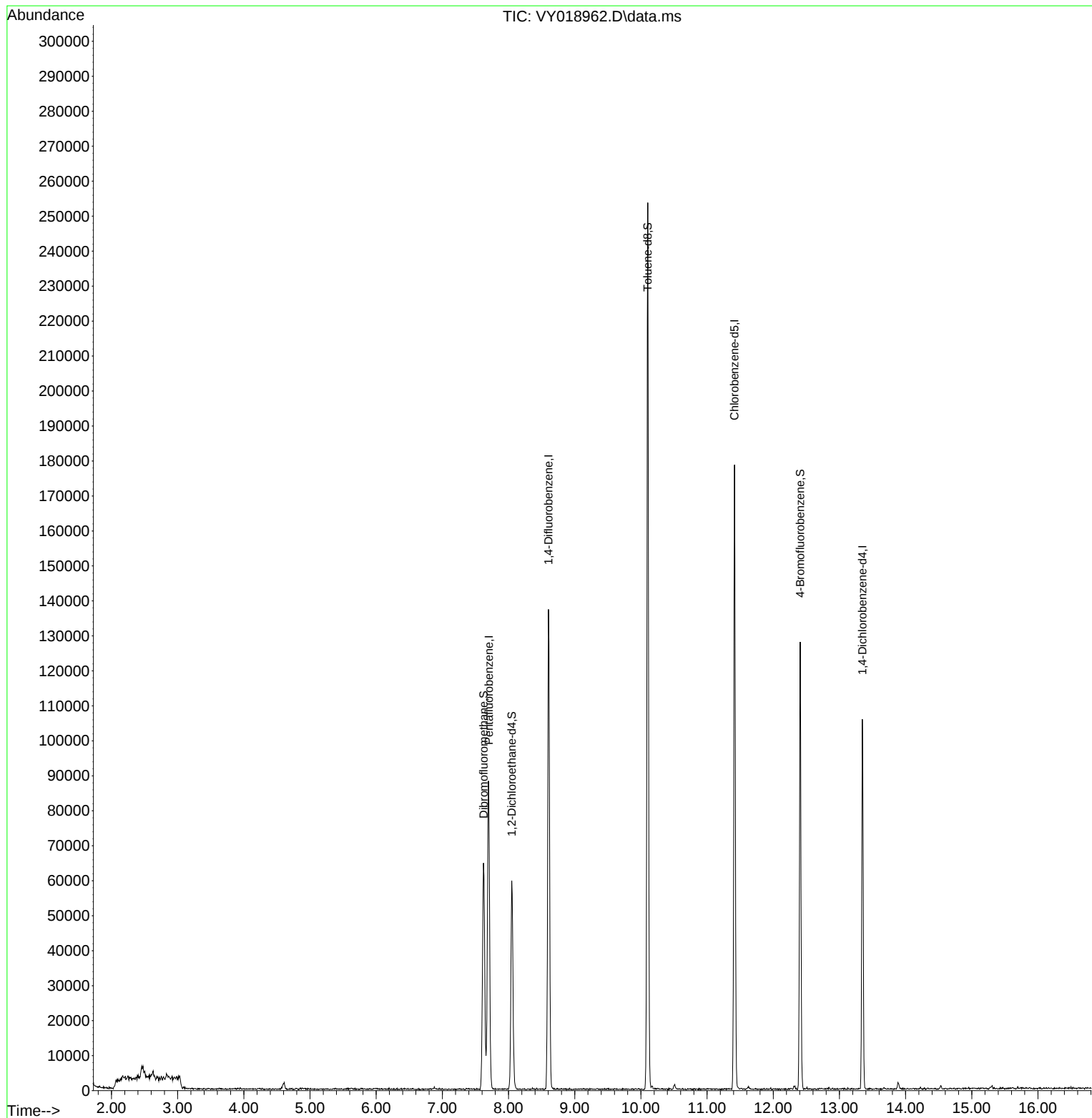
Target Compounds	Qvalue

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

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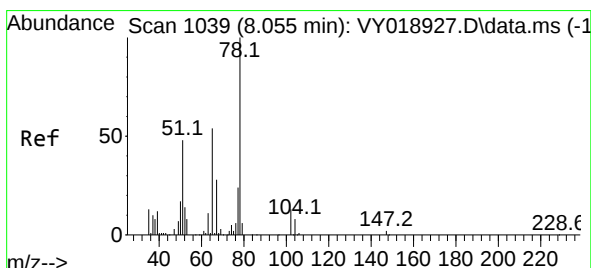
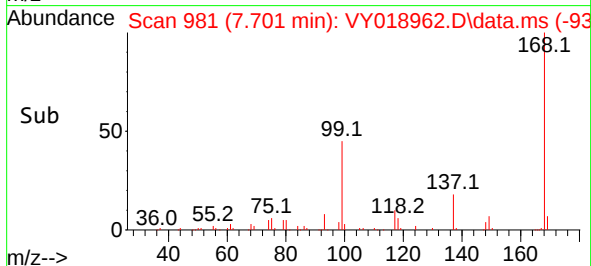
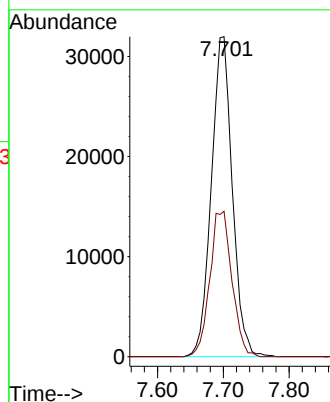
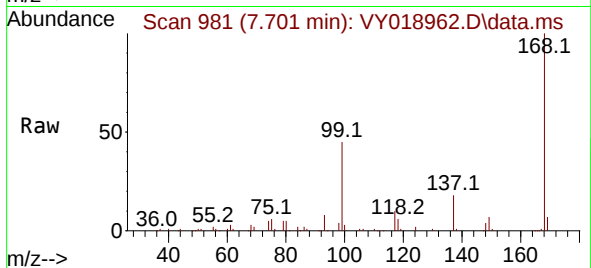




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY018962.D
Acq: 09 Aug 2024 13:08

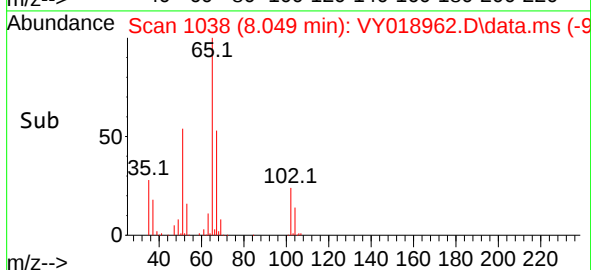
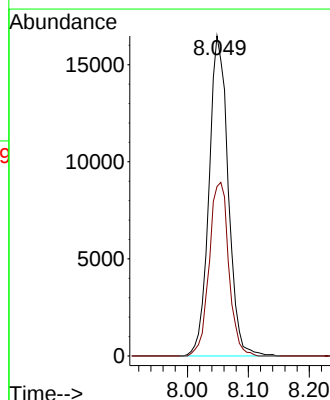
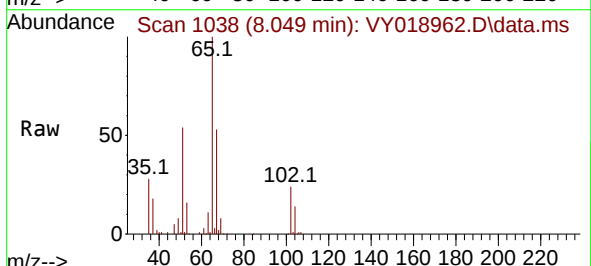
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-01-080724RE

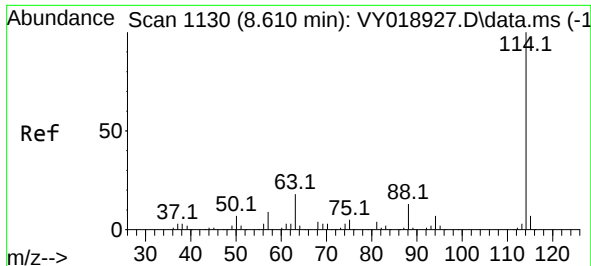
Tgt Ion:168 Resp: 71123
Ion Ratio Lower Upper
168 100
99 45.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 57.831 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY018962.D
Acq: 09 Aug 2024 13:08

Tgt Ion: 65 Resp: 36113
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY018962.D

Acq: 09 Aug 2024 13:08

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-01-080724RE

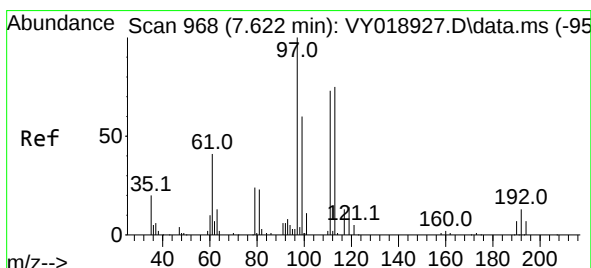
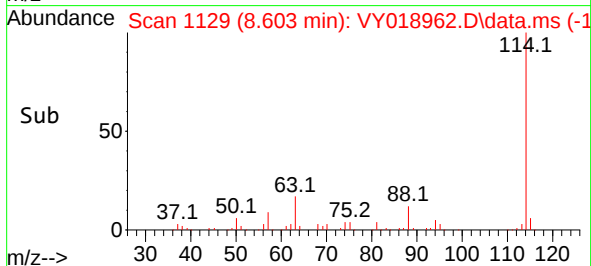
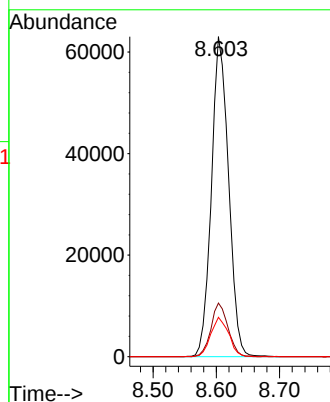
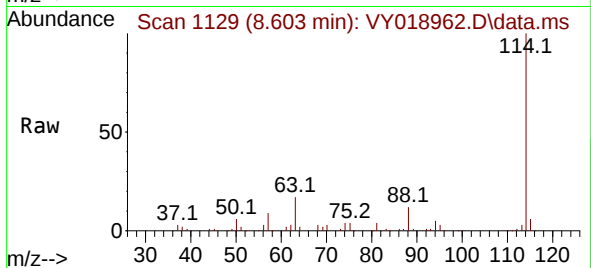
Tgt Ion:114 Resp: 118527

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 12.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.174 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY018962.D

Acq: 09 Aug 2024 13:08

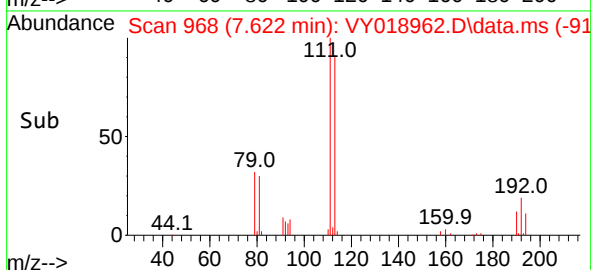
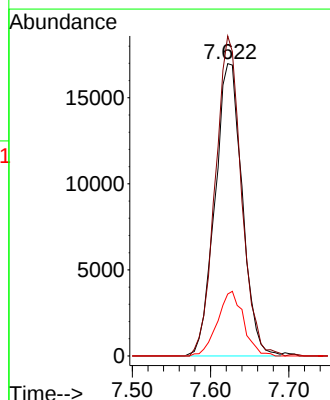
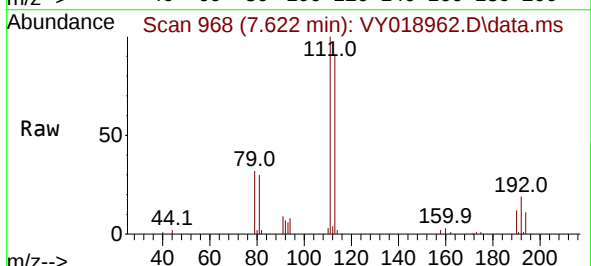
Tgt Ion:113 Resp: 41011

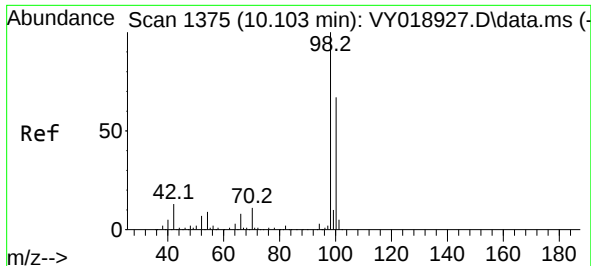
Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.4

192 21.2 15.9 23.9

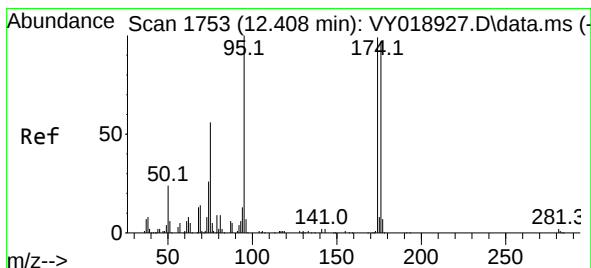
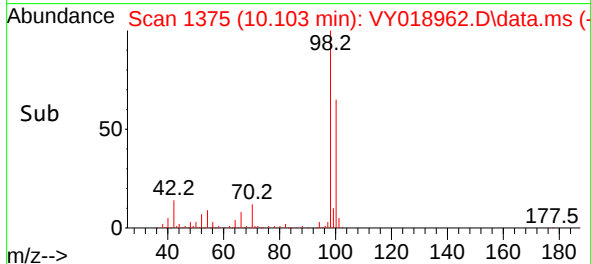
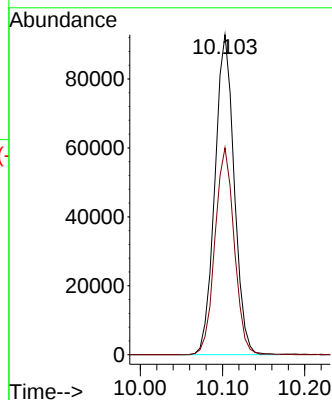
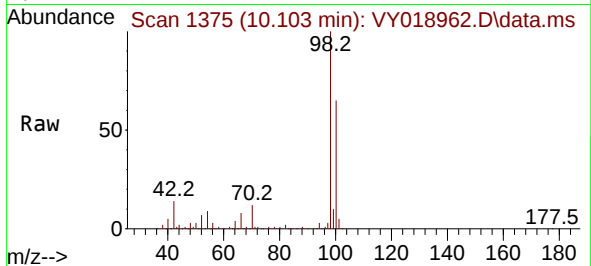




#50
Toluene-d8
Concen: 52.048 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018962.D
Acq: 09 Aug 2024 13:08

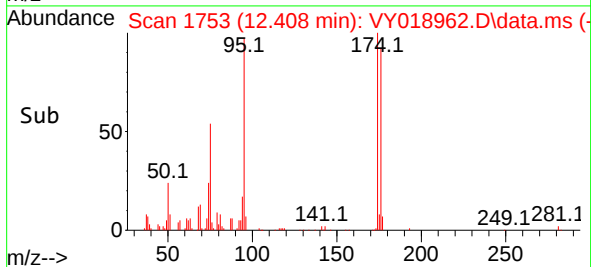
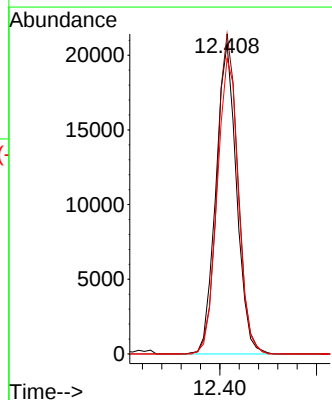
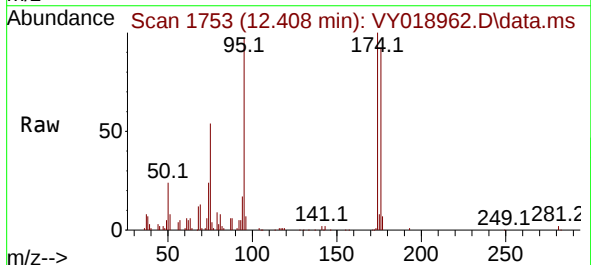
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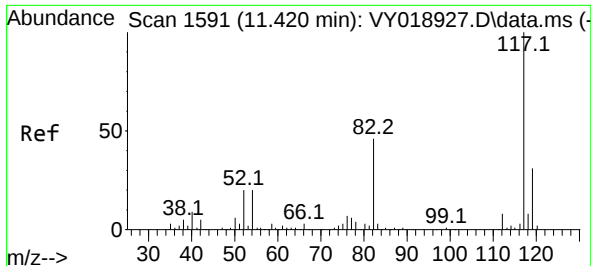
Tgt Ion: 98 Resp: 151342
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.672 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018962.D
Acq: 09 Aug 2024 13:08

Tgt Ion: 95 Resp: 30773
Ion Ratio Lower Upper
95 100
174 103.6 0.0 175.6
176 97.9 0.0 171.4

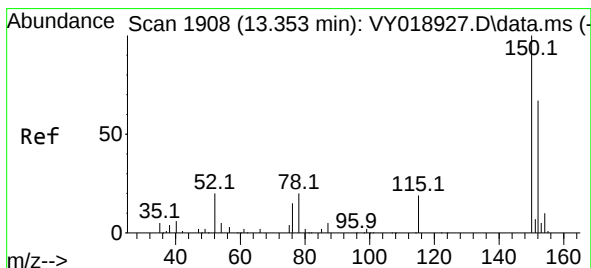
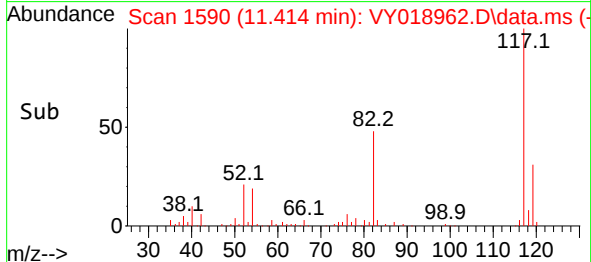
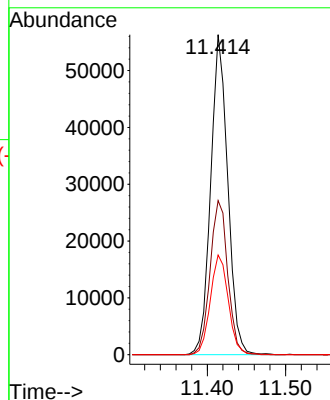
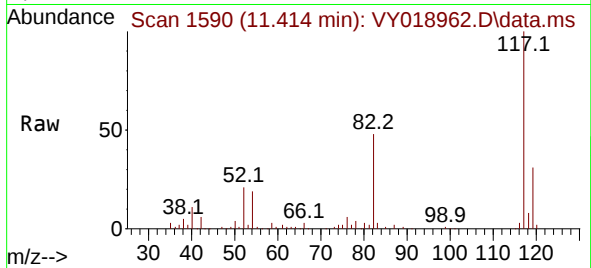




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018962.D
Acq: 09 Aug 2024 13:08

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-01-080724RE

Tgt Ion:117	Resp:	85007
Ion	Ratio	Lower Upper
117	100	
82	48.1	42.4 63.6
119	31.2	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY018962.D
Acq: 09 Aug 2024 13:08

Tgt Ion:152	Resp:	24813
Ion	Ratio	Lower Upper
152	100	
115	51.7	28.2 84.7
150	153.8	0.0 345.6

