

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018947.D
 Acq On : 08 Aug 2024 23:40
 Operator : SY/MD
 Sample : P3518-03
 Misc : 4.21g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-02-080724

Quant Time: Aug 09 05:13:58 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	85804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	137111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	98602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	28547	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	35832	47.563	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.120%
35) Dibromofluoromethane	7.628	113	41187	47.033	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.060%
50) Toluene-d8	10.103	98	153914	45.758	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.520%
62) 4-Bromofluorobenzene	12.408	95	31079	31.144	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	62.280%

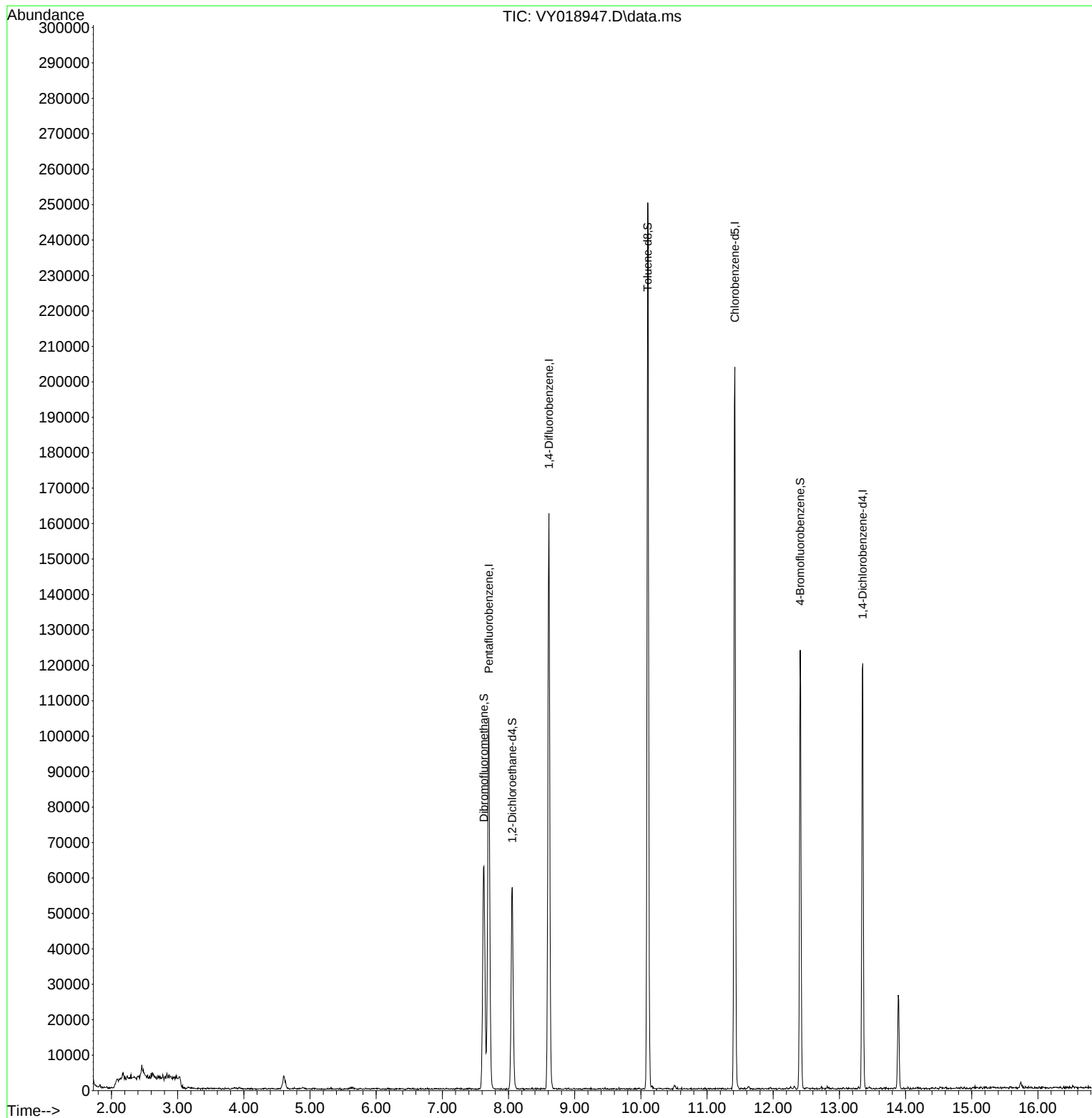
Target Compounds	Qvalue

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

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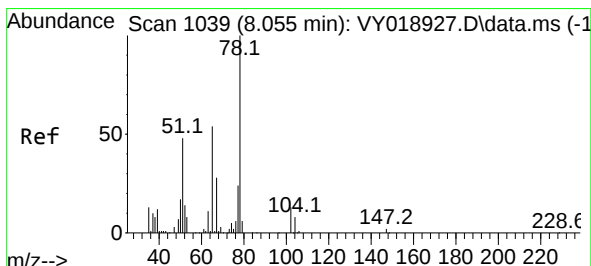
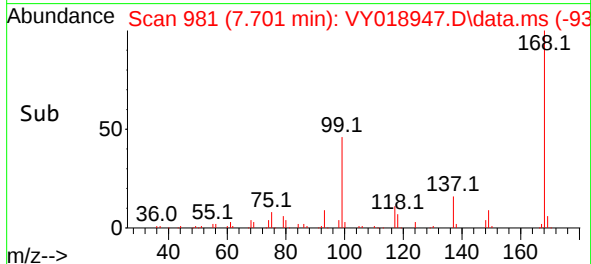
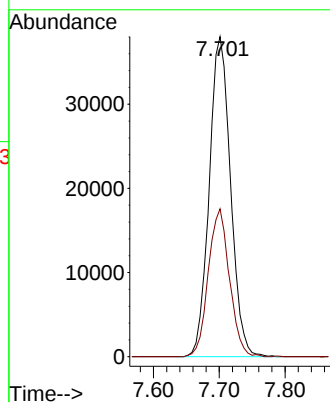
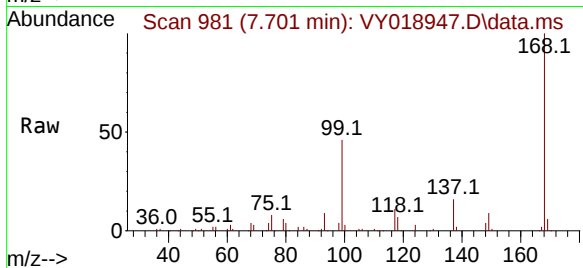




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY018947.D
Acq: 08 Aug 2024 23:40

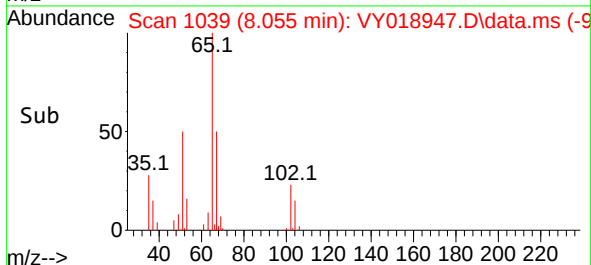
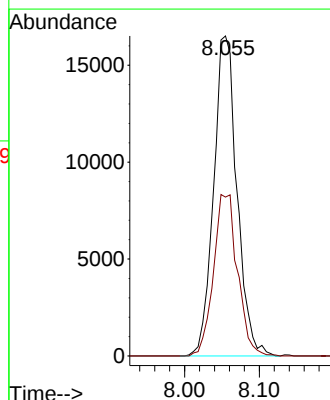
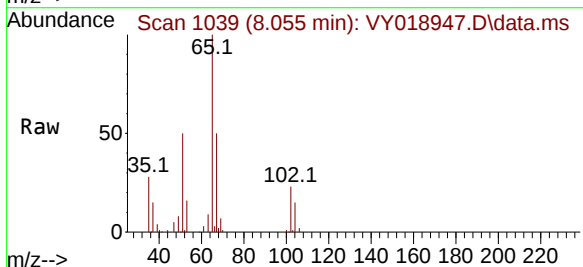
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-02-080724

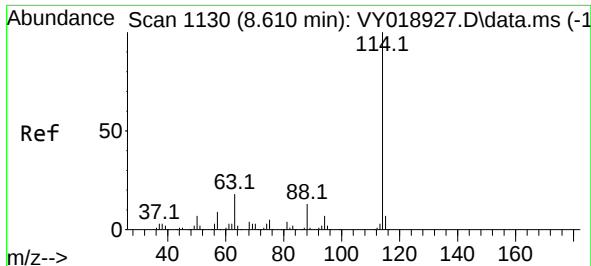
Tgt Ion:168 Resp: 85804
Ion Ratio Lower Upper
168 100
99 46.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.563 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY018947.D
Acq: 08 Aug 2024 23:40

Tgt Ion: 65 Resp: 35832
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY018947.D

Acq: 08 Aug 2024 23:40

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-02-080724

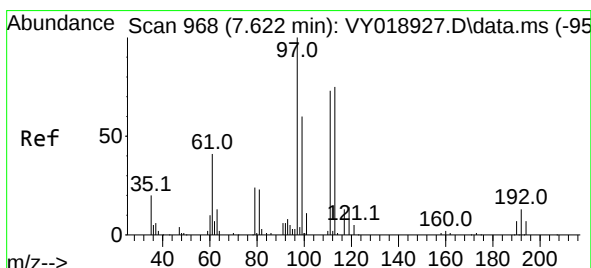
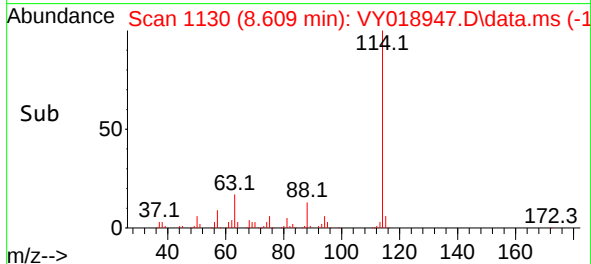
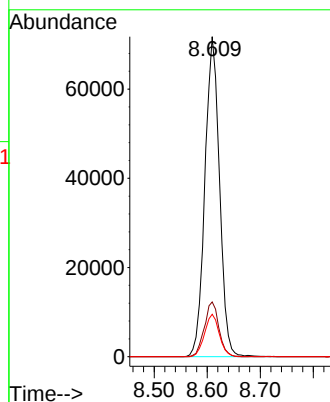
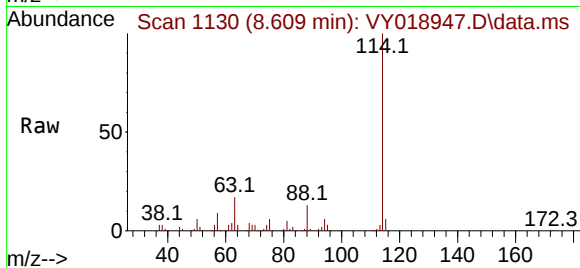
Tgt Ion:114 Resp: 137111

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 13.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.033 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY018947.D

Acq: 08 Aug 2024 23:40

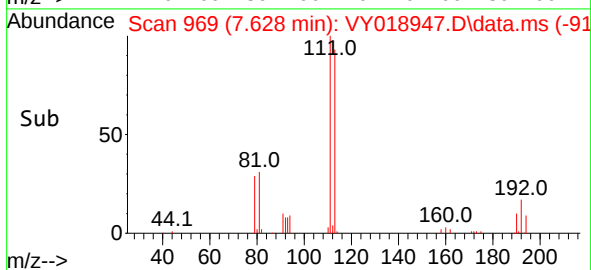
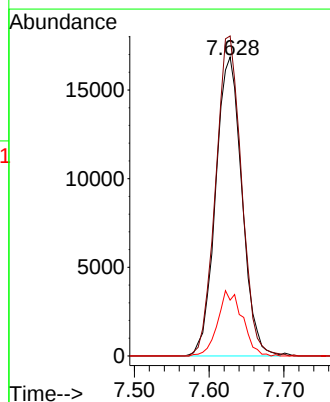
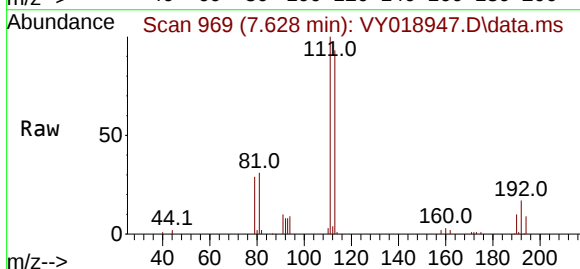
Tgt Ion:113 Resp: 41187

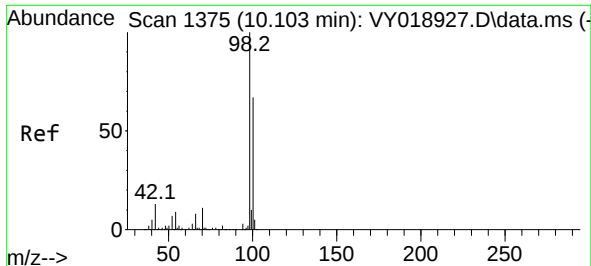
Ion Ratio Lower Upper

113 100

111 105.2 82.2 123.4

192 20.6 15.9 23.9

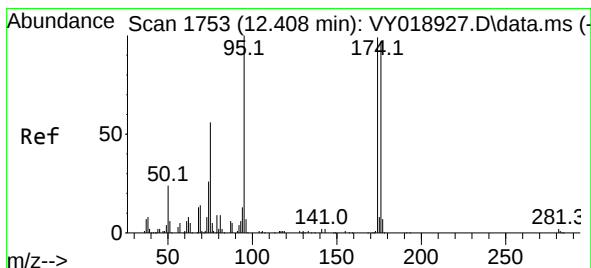
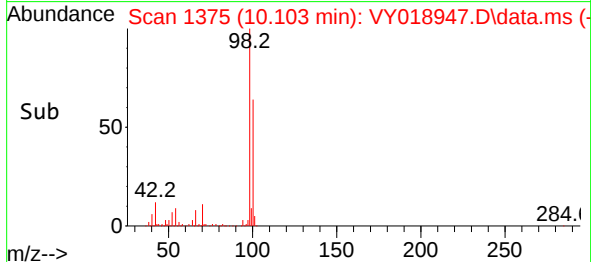
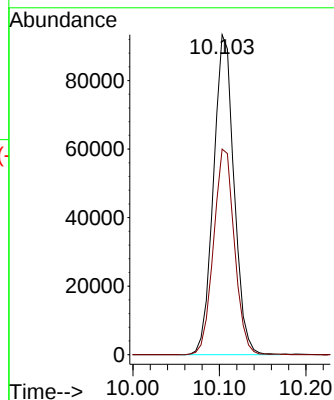
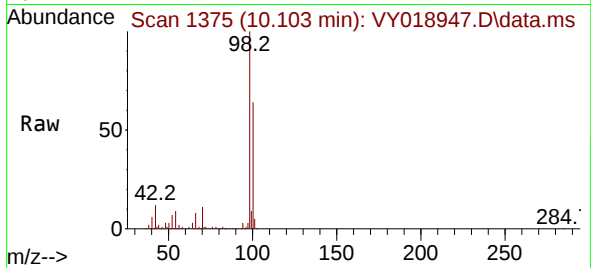




#50
Toluene-d8
Concen: 45.758 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018947.D
Acq: 08 Aug 2024 23:40

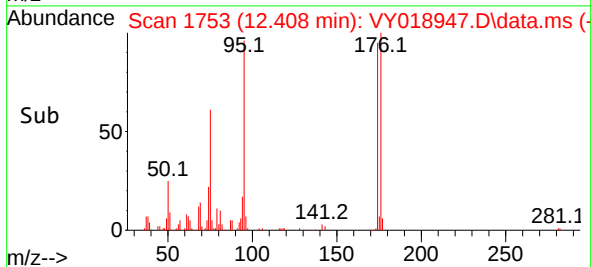
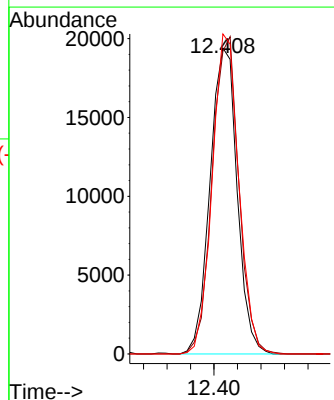
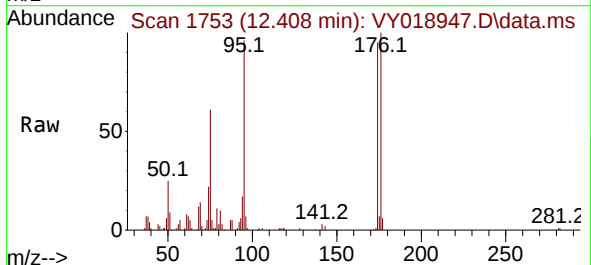
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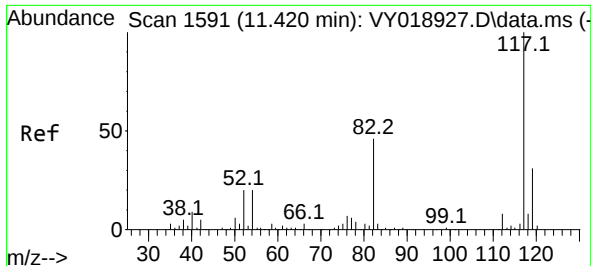
Tgt Ion: 98 Resp: 153914
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 31.144 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018947.D
Acq: 08 Aug 2024 23:40

Tgt Ion: 95 Resp: 31079
Ion Ratio Lower Upper
95 100
174 101.9 0.0 175.6
176 102.1 0.0 171.4

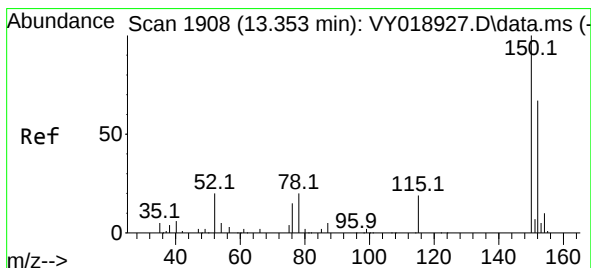
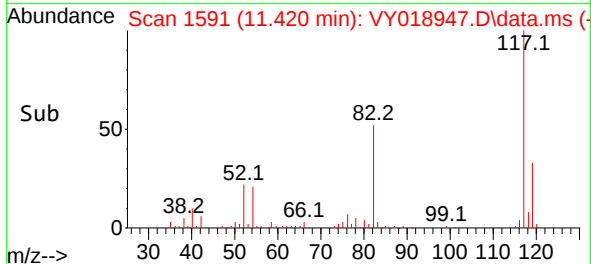
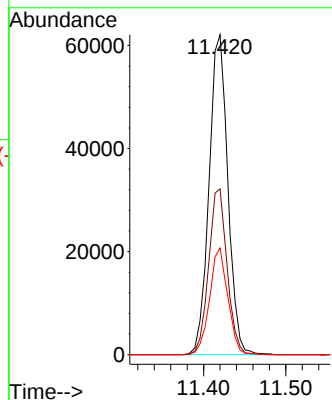
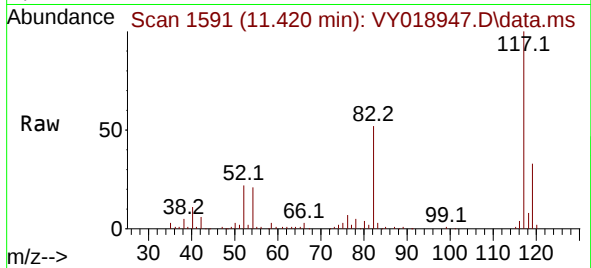




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018947.D
Acq: 08 Aug 2024 23:40

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-02-080724

Tgt Ion:117 Resp: 98602
Ion Ratio Lower Upper
117 100
82 51.8 42.4 63.6
119 33.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY018947.D
Acq: 08 Aug 2024 23:40

Tgt Ion:152 Resp: 28547
Ion Ratio Lower Upper
152 100
115 53.2 28.2 84.7
150 159.8 0.0 345.6

