

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018965.D
 Acq On : 09 Aug 2024 14:22
 Operator : SY/MD
 Sample : P3518-07RE
 Misc : 5.40g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-04-080724RE

Quant Time: Aug 09 23:26:53 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	83367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	132488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	98361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	26571	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	40259	55.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.000%
35) Dibromofluoromethane	7.622	113	45733	54.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.100%
50) Toluene-d8	10.103	98	165539	50.931	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.860%
62) 4-Bromofluorobenzene	12.408	95	31579	32.749	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.500%

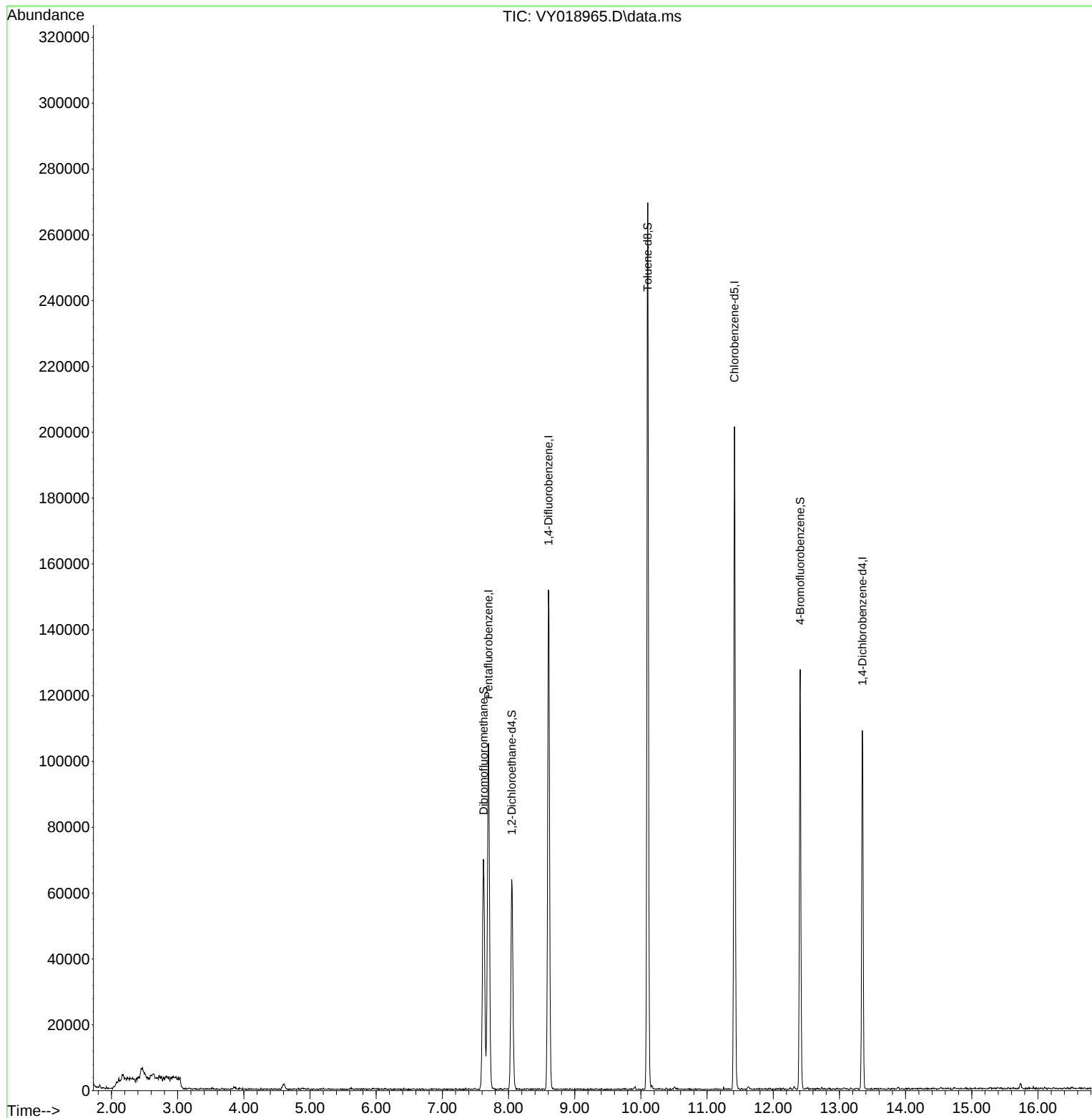
Target Compounds	Qvalue

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

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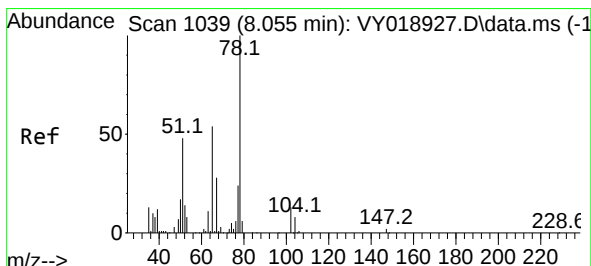
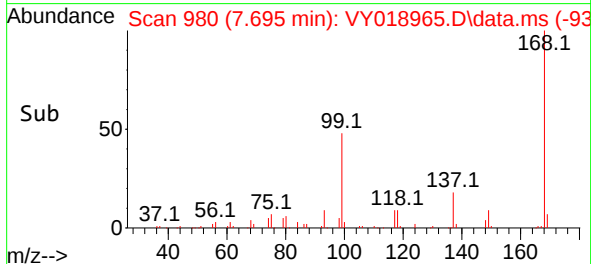
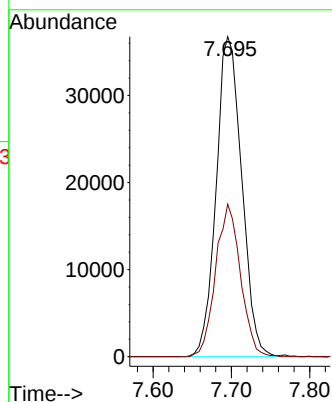
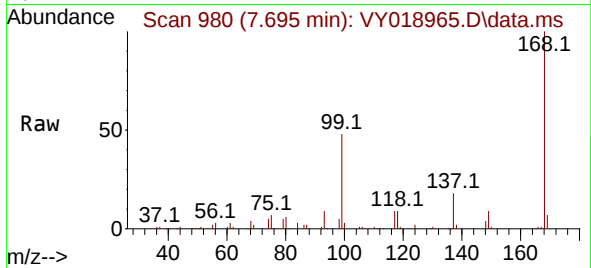




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018965.D
Acq: 09 Aug 2024 14:22

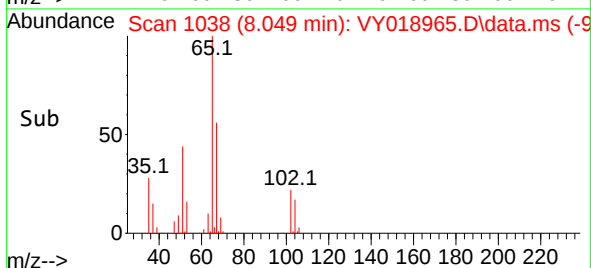
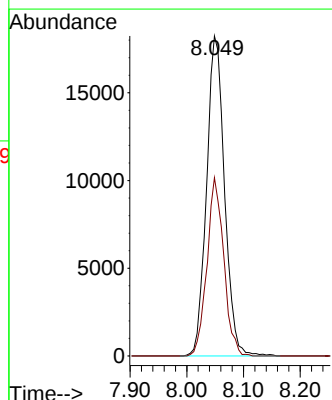
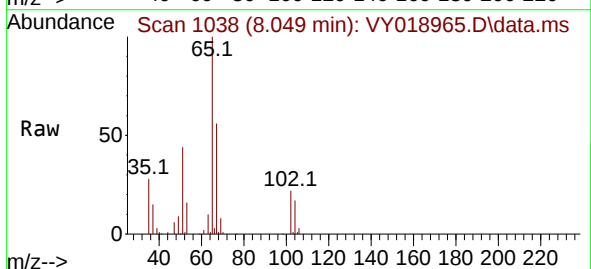
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-04-080724RE

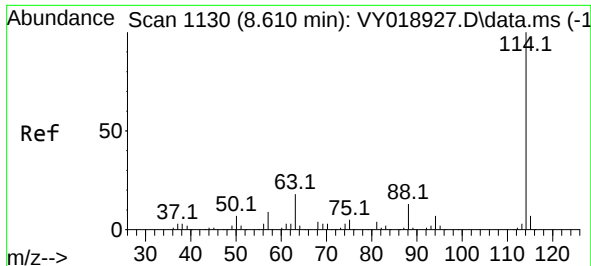
Tgt Ion:168 Resp: 83367
Ion Ratio Lower Upper
168 100
99 47.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 55.002 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY018965.D
Acq: 09 Aug 2024 14:22

Tgt Ion: 65 Resp: 40259
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY018965.D

Acq: 09 Aug 2024 14:22

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-04-080724RE

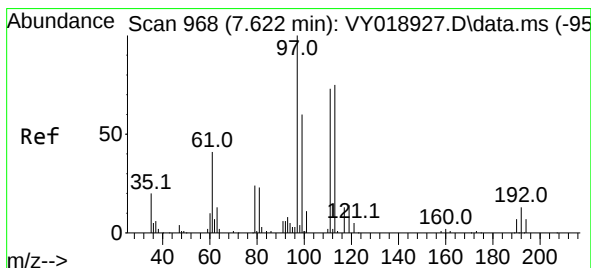
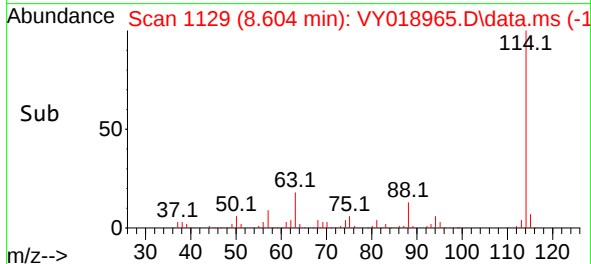
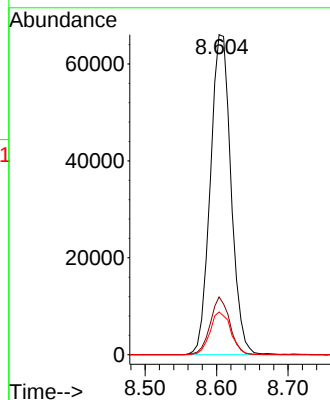
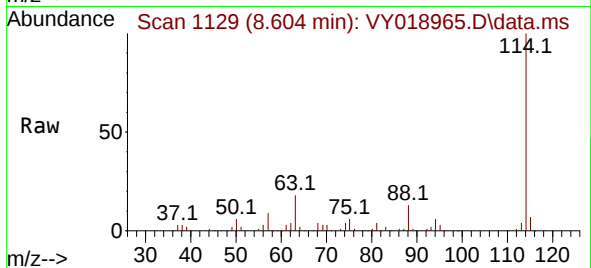
Tgt Ion:114 Resp: 132488

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 13.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.046 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY018965.D

Acq: 09 Aug 2024 14:22

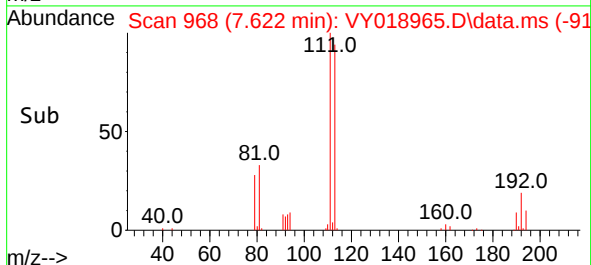
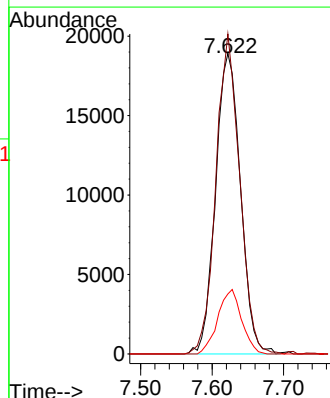
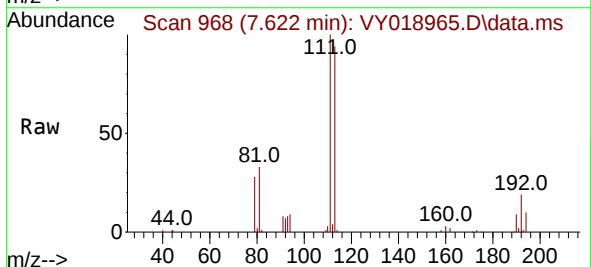
Tgt Ion:113 Resp: 45733

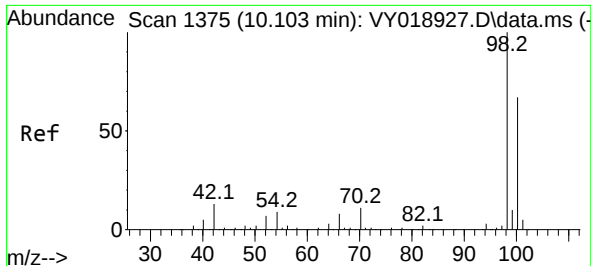
Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

192 20.5 15.9 23.9

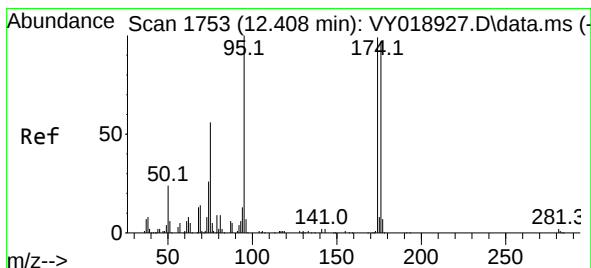
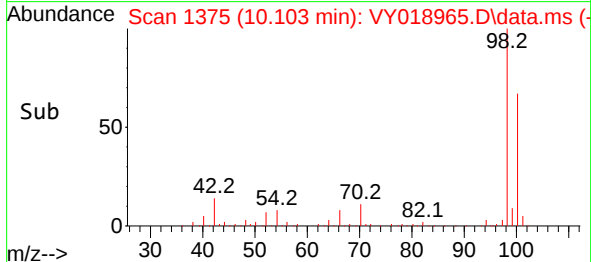
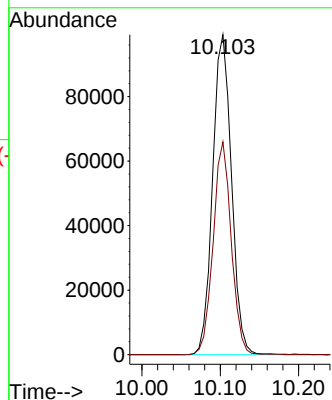
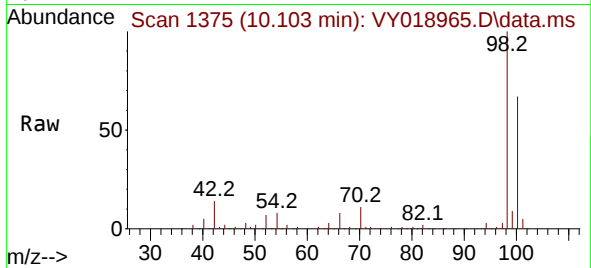




#50
Toluene-d8
Concen: 50.931 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018965.D
Acq: 09 Aug 2024 14:22

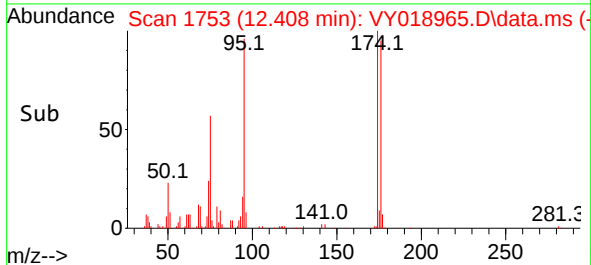
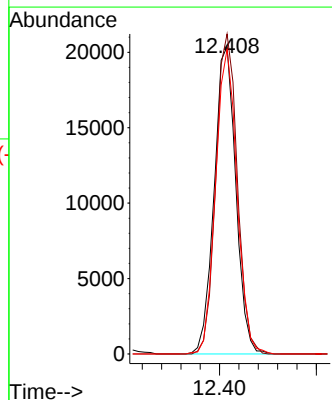
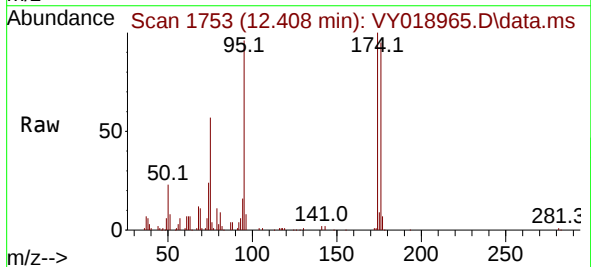
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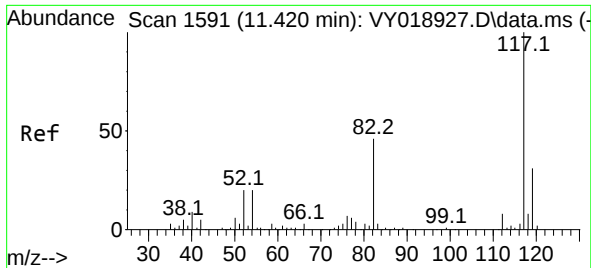
Tgt Ion: 98 Resp: 165539
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 32.749 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY018965.D
Acq: 09 Aug 2024 14:22

Tgt Ion: 95 Resp: 31579
Ion Ratio Lower Upper
95 100
174 102.8 0.0 175.6
176 98.1 0.0 171.4

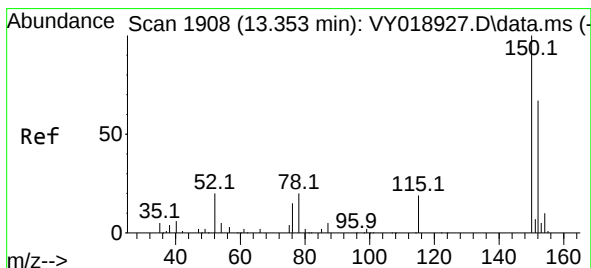
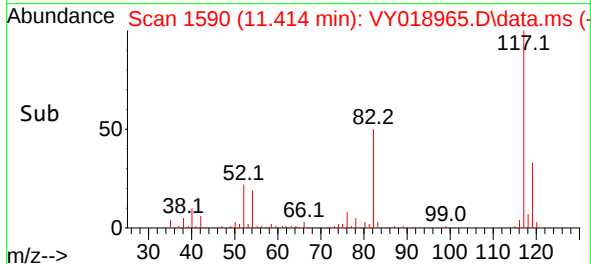
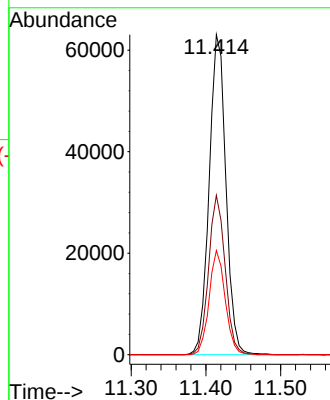
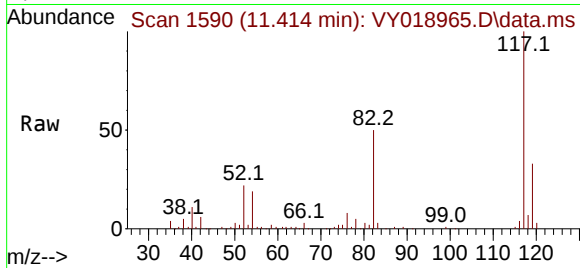




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018965.D
Acq: 09 Aug 2024 14:22

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-04-080724RE

Tgt Ion:117	Resp:	98361
Ion	Ratio	Lower Upper
117	100	
82	49.8	42.4 63.6
119	32.5	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: VY018965.D
Acq: 09 Aug 2024 14:22

Tgt Ion:152	Resp:	26571
Ion	Ratio	Lower Upper
152	100	
115	51.3	28.2 84.7
150	156.9	0.0 345.6

