

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY019009.D
 Acq On : 12 Aug 2024 18:01
 Operator : SY/MD
 Sample : P3518-13RE
 Misc : 4.66g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-07-080724RE

Quant Time: Aug 13 01:18:20 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	73948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	118038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	87906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	24576	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	36056	55.534	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.060%
35) Dibromofluoromethane	7.622	113	41240	54.703	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.400%
50) Toluene-d8	10.103	98	149348	51.575	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.160%
62) 4-Bromofluorobenzene	12.407	95	28583	33.271	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	66.540%

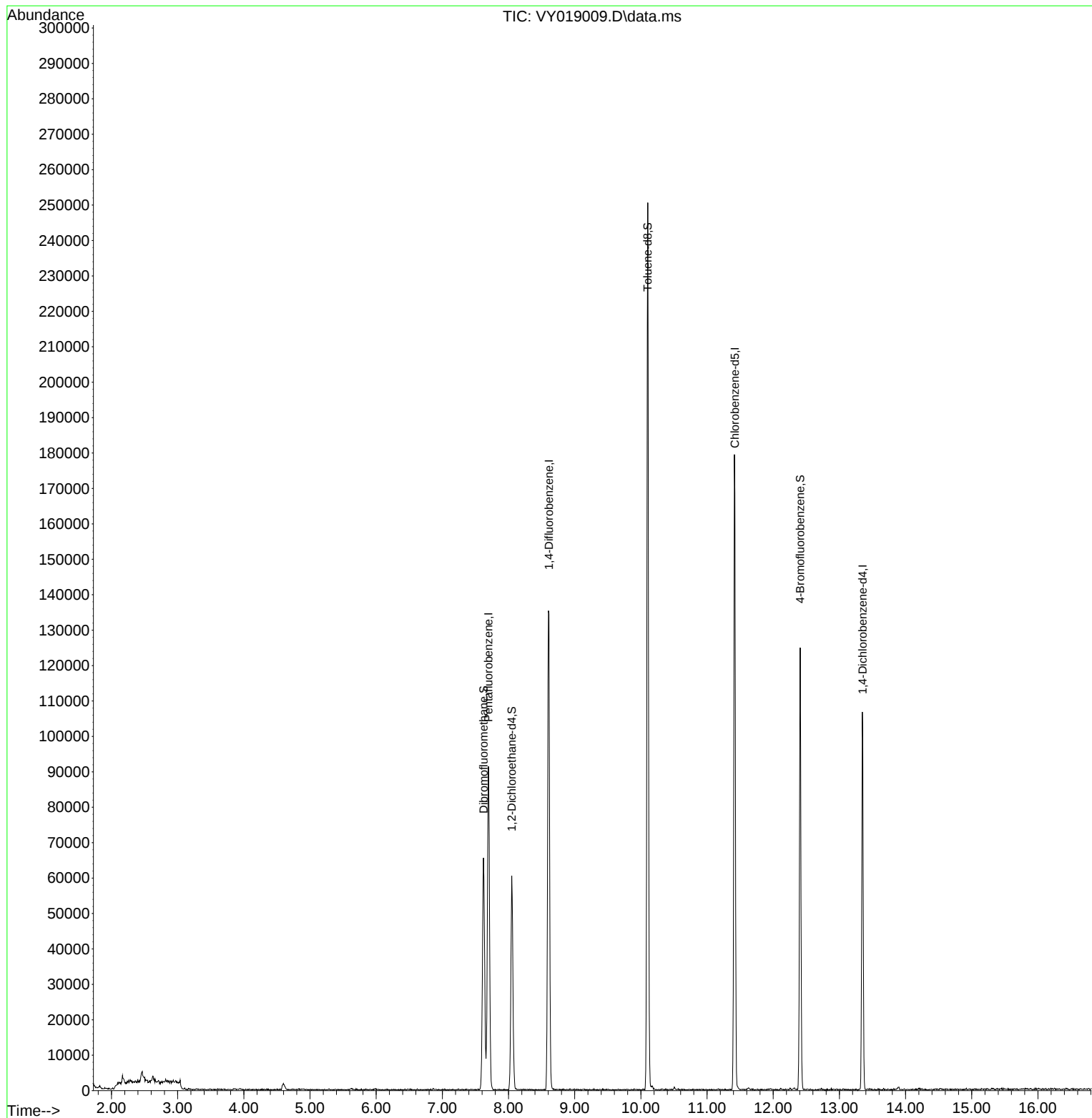
Target Compounds	Qvalue

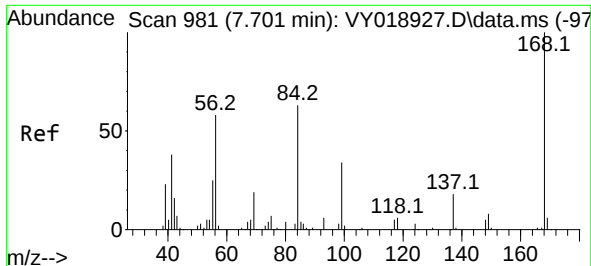
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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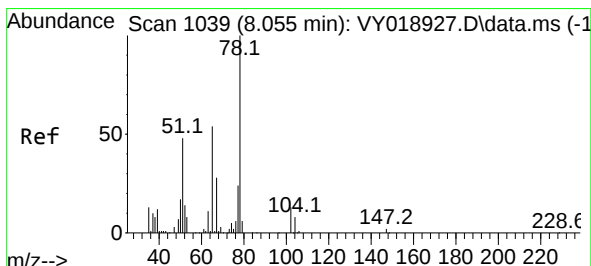
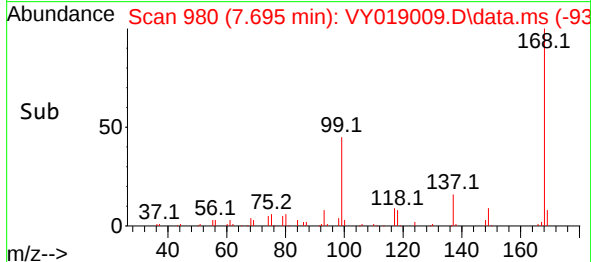
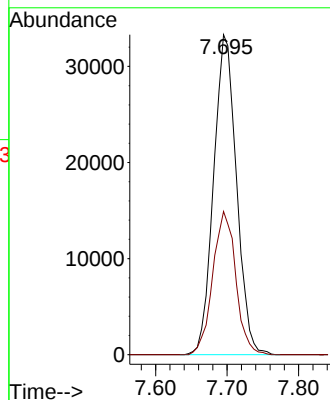
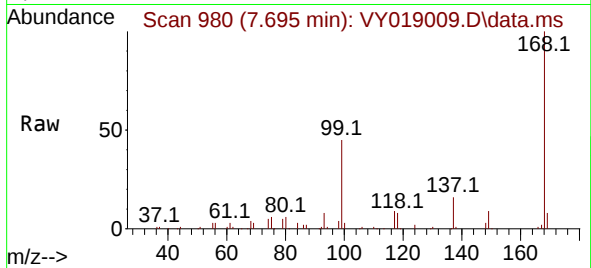




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019009.D
Acq: 12 Aug 2024 18:01

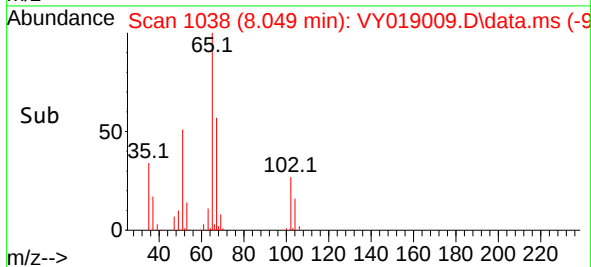
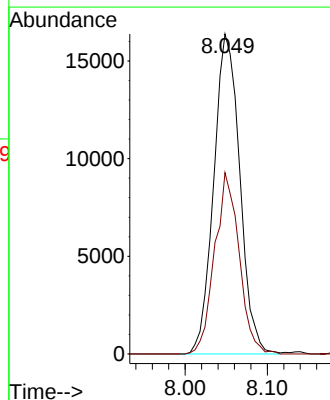
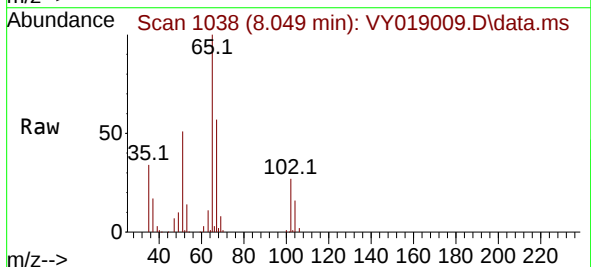
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-07-080724RE

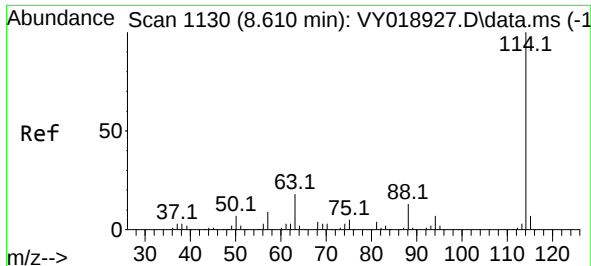
Tgt Ion:168 Resp: 73948
Ion Ratio Lower Upper
168 100
99 44.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 55.534 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019009.D
Acq: 12 Aug 2024 18:01

Tgt Ion: 65 Resp: 36056
Ion Ratio Lower Upper
65 100
67 53.2 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: VY019009.D

Acq: 12 Aug 2024 18:01

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-07-080724RE

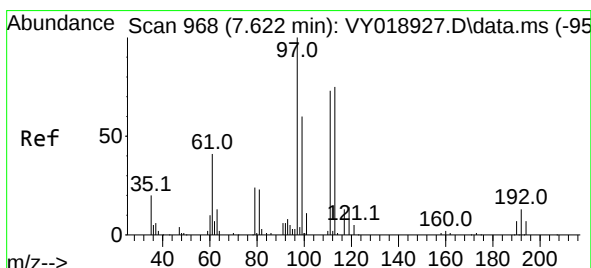
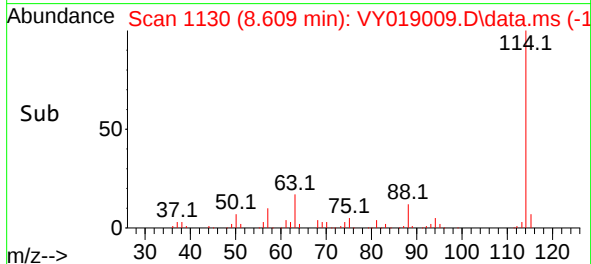
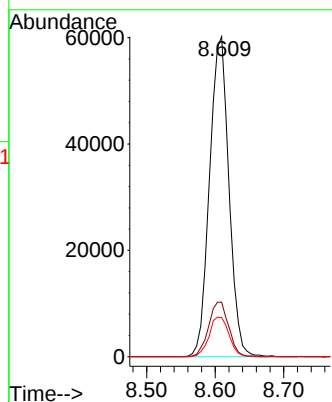
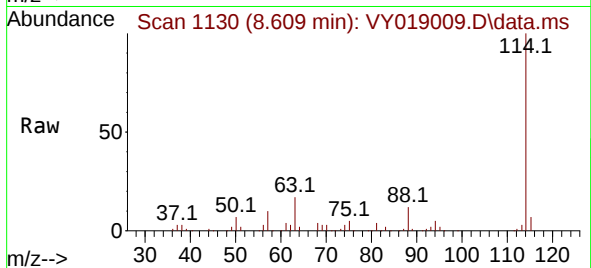
Tgt Ion:114 Resp: 118038

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 12.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.703 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY019009.D

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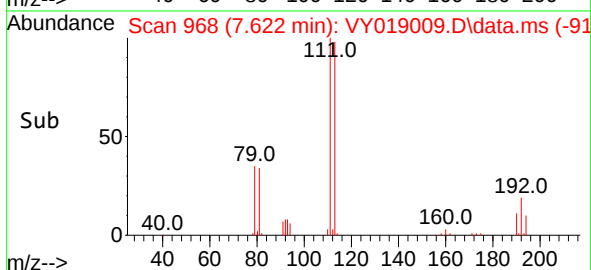
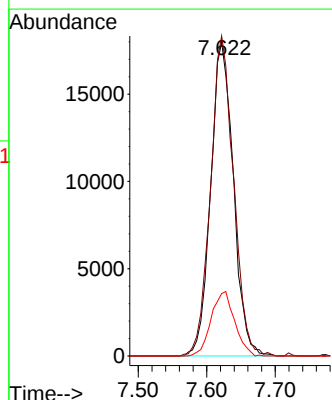
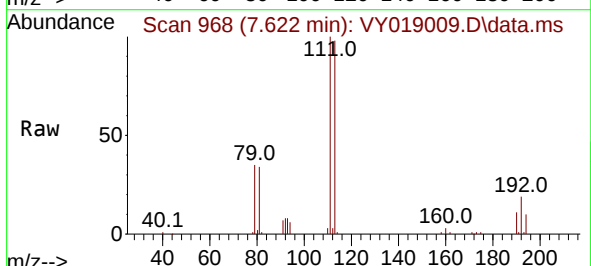
Tgt Ion:113 Resp: 41240

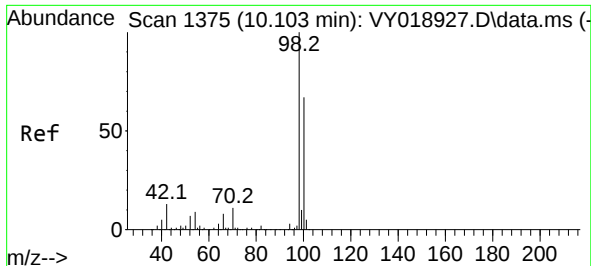
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 21.3 15.9 23.9

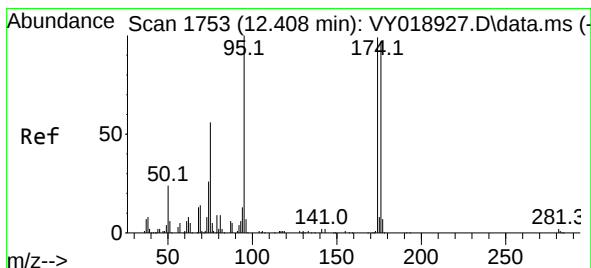
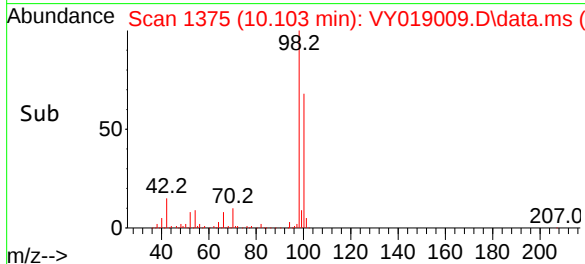
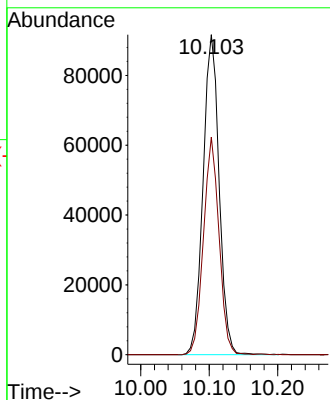
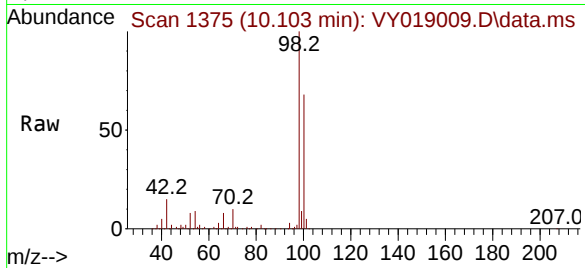




#50
Toluene-d8
Concen: 51.575 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019009.D
Acq: 12 Aug 2024 18:01

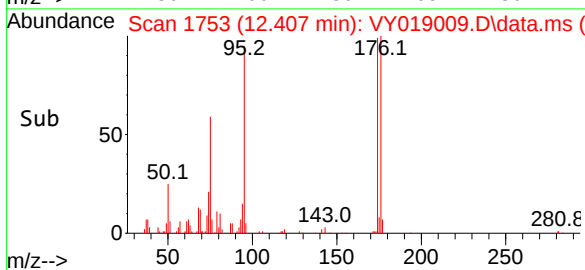
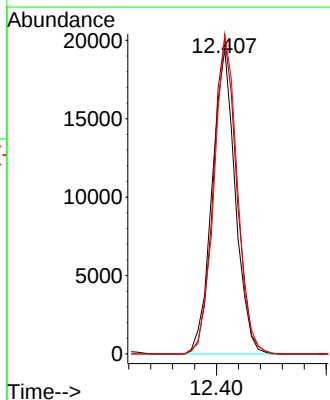
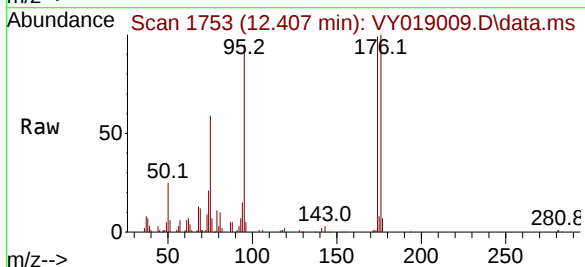
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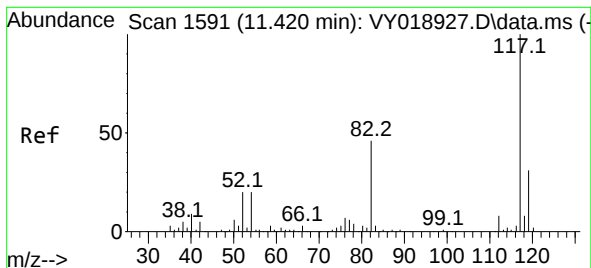
Tgt Ion: 98 Resp: 149348
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 33.271 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019009.D
Acq: 12 Aug 2024 18:01

Tgt Ion: 95 Resp: 28583
Ion Ratio Lower Upper
95 100
174 105.1 0.0 175.6
176 104.7 0.0 171.4

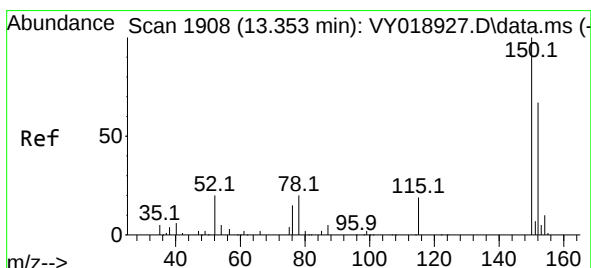
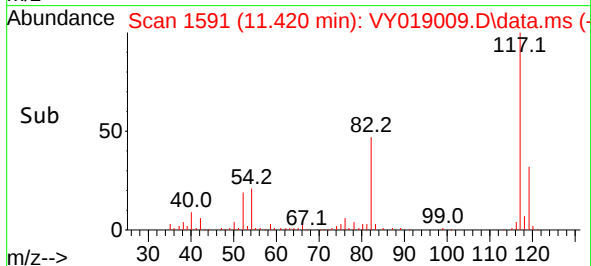
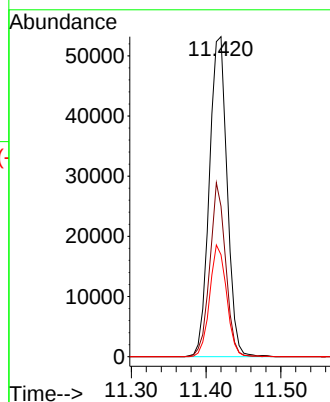
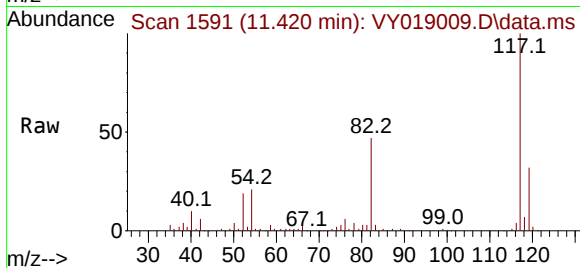




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019009.D
Acq: 12 Aug 2024 18:01

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-07-080724RE

Tgt Ion:117	Resp:	87906
Ion Ratio	Lower	Upper
117	100	
82	47.0	42.4 63.6
119	31.8	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: VY019009.D
Acq: 12 Aug 2024 18:01

Tgt Ion:152	Resp:	24576
Ion Ratio	Lower	Upper
152	100	
115	54.7	28.2 84.7
150	158.0	0.0 345.6

