

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019030.D
 Acq On : 13 Aug 2024 15:30
 Operator : SY/MD
 Sample : P3519-13RE
 Misc : 4.33g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-22-080724RE

Quant Time: Aug 14 01:38:13 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	50374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	84265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	68396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	23025	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	23280	52.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.280%
35) Dibromofluoromethane	7.622	113	26776	49.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.500%
50) Toluene-d8	10.103	98	96569	46.715	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.420%
62) 4-Bromofluorobenzene	12.407	95	22655	36.940	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.880%

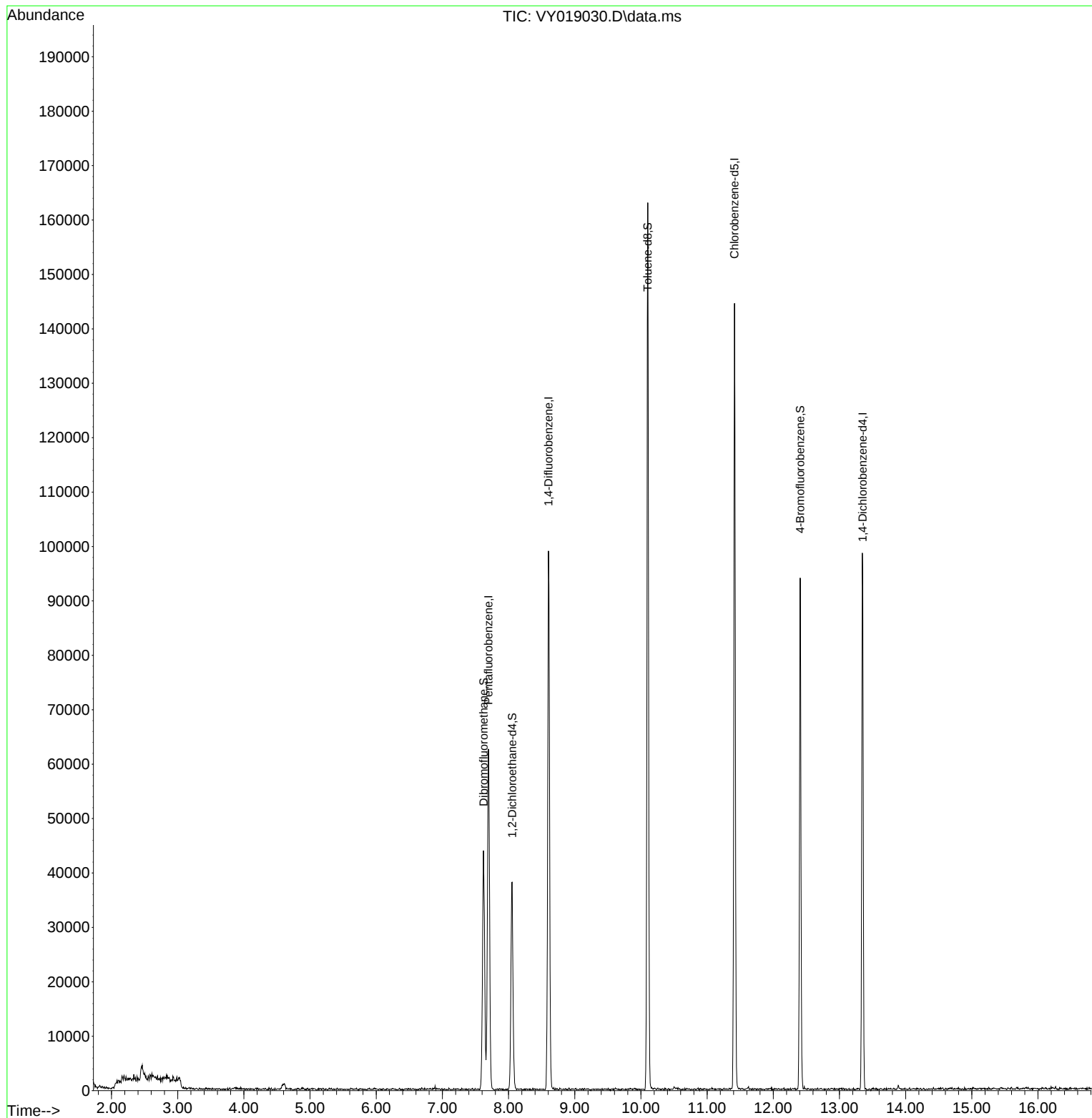
Target Compounds	Qvalue

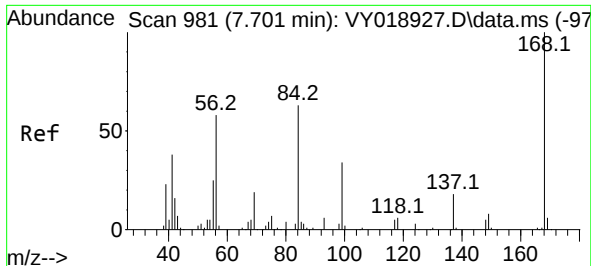
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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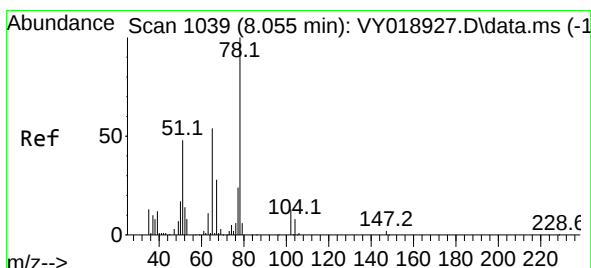
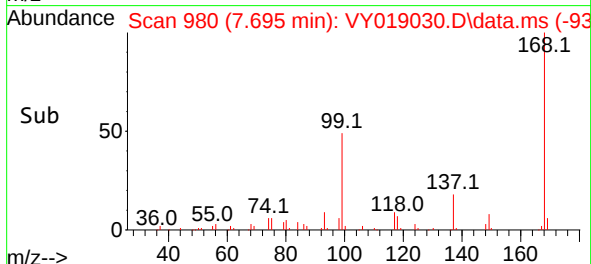
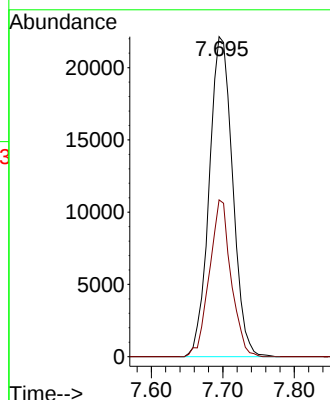
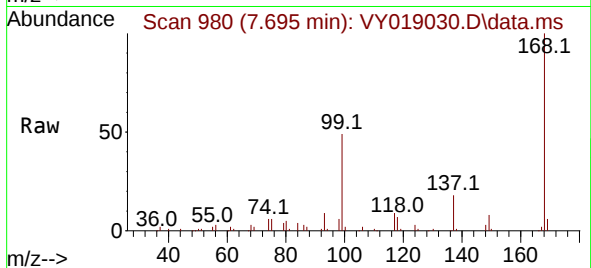




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY019030.D
Acq: 13 Aug 2024 15:30

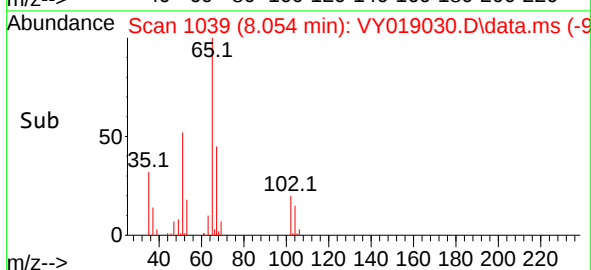
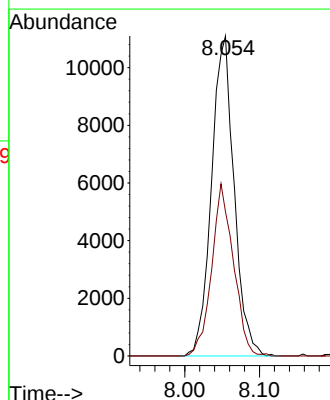
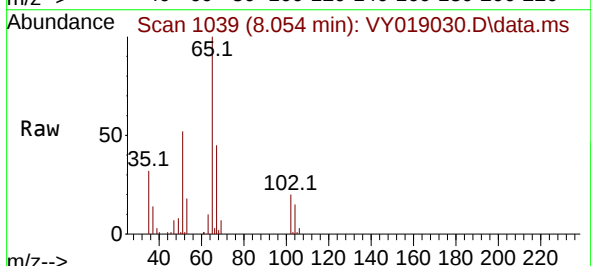
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-22-080724RE

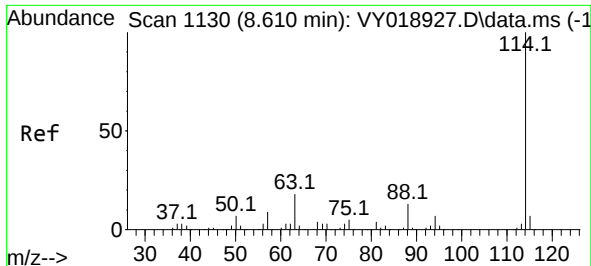
Tgt Ion:168 Resp: 50374
Ion Ratio Lower Upper
168 100
99 49.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.636 ug/l
RT: 8.054 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019030.D
Acq: 13 Aug 2024 15:30

Tgt Ion: 65 Resp: 23280
Ion Ratio Lower Upper
65 100
67 52.0 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: VY019030.D

Acq: 13 Aug 2024 15:30

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-22-080724RE

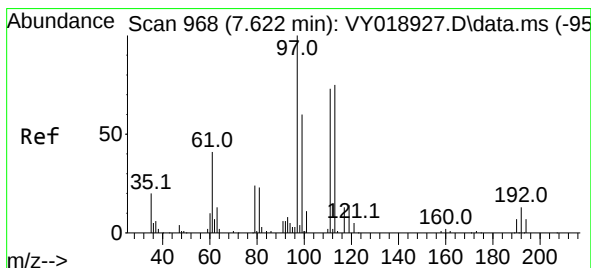
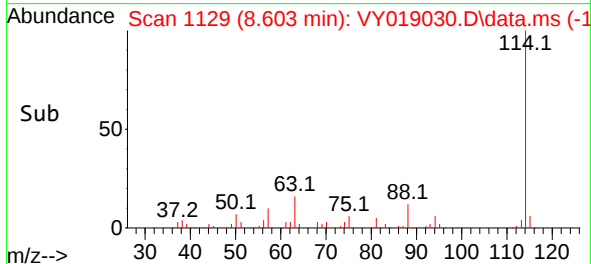
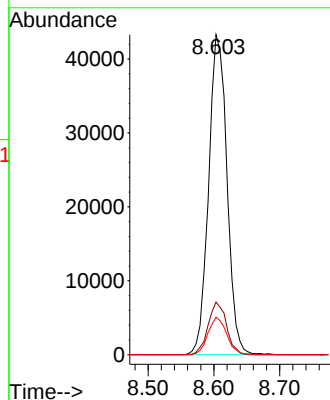
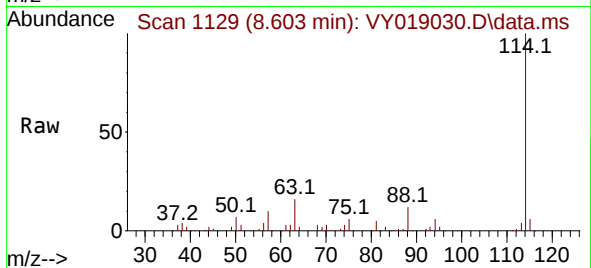
Tgt Ion:114 Resp: 84265

Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

88 11.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.752 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY019030.D

Acq: 13 Aug 2024 15:30

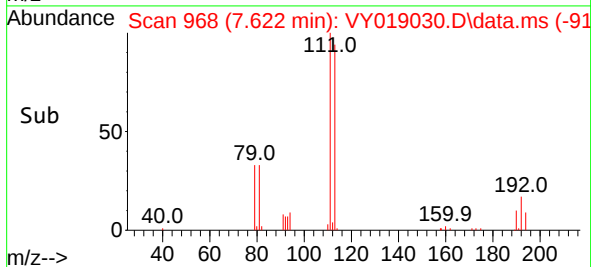
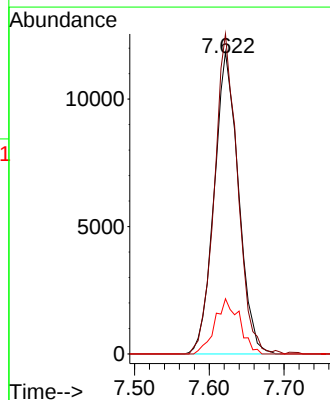
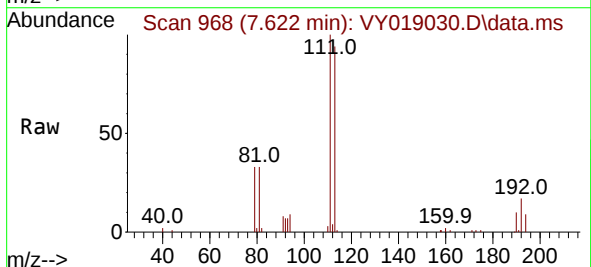
Tgt Ion:113 Resp: 26776

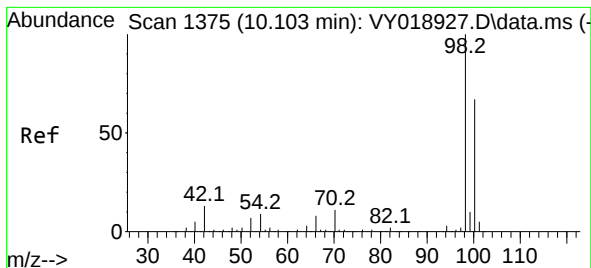
Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

192 18.5 15.9 23.9





#50

Toluene-d8

Concen: 46.715 ug/l

RT: 10.103 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY019030.D

Acq: 13 Aug 2024 15:30

Instrument :

MSVOA_Y

ClientSampleId :

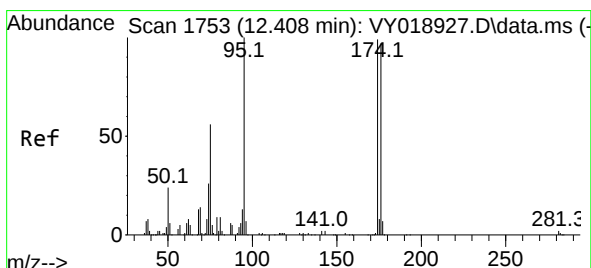
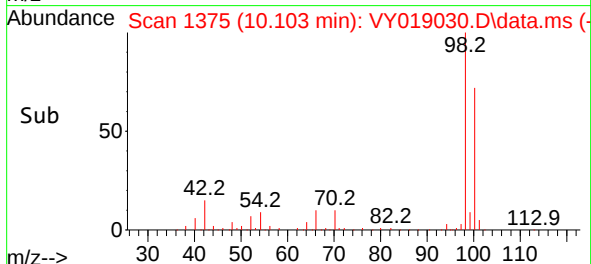
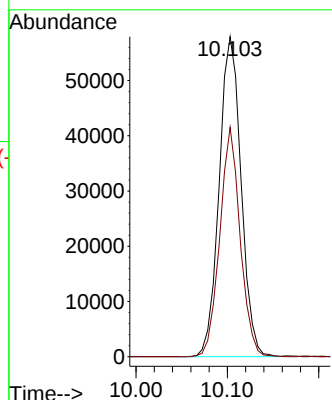
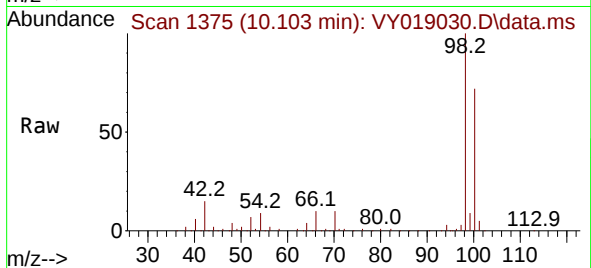
OU4-TS-22-080724RE

Tgt Ion: 98 Resp: 96569

Ion Ratio Lower Upper

98 100

100 66.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 36.940 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY019030.D

Acq: 13 Aug 2024 15:30

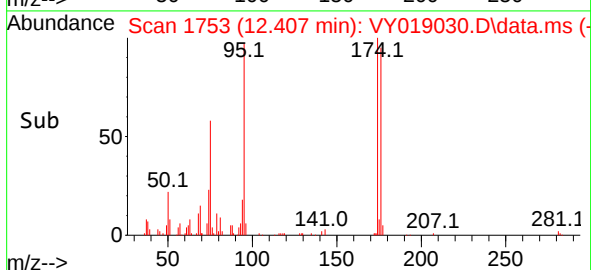
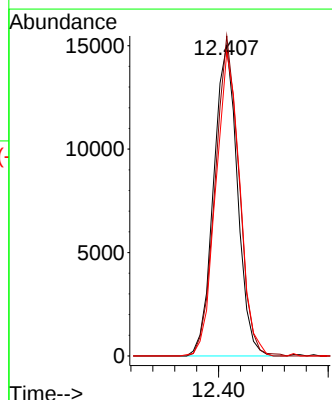
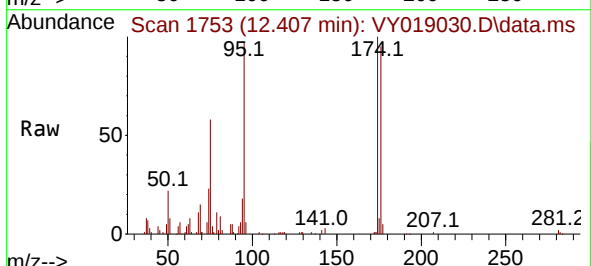
Tgt Ion: 95 Resp: 22655

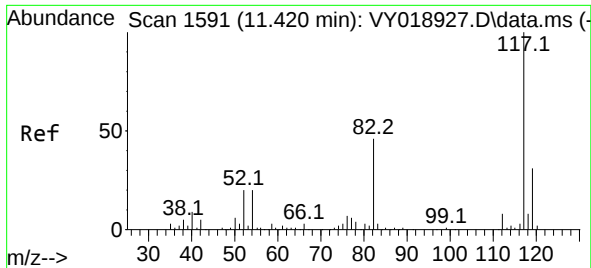
Ion Ratio Lower Upper

95 100

174 102.7 0.0 175.6

176 98.7 0.0 171.4

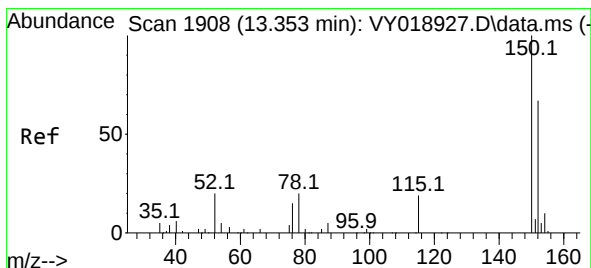
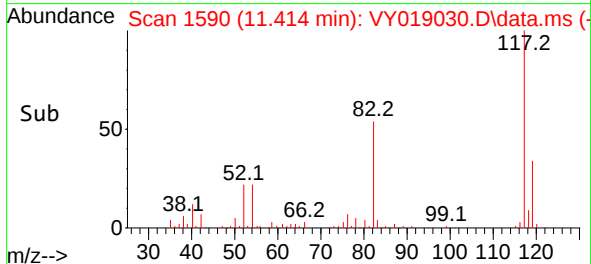
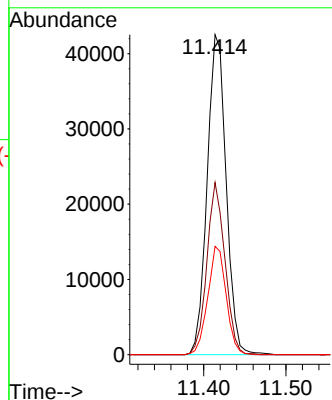
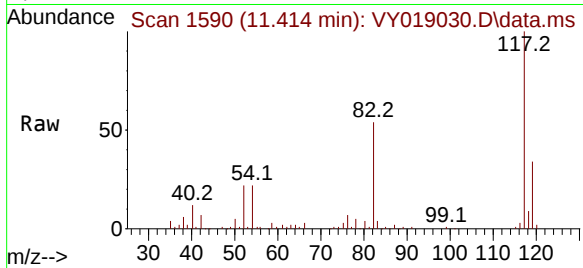




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019030.D
Acq: 13 Aug 2024 15:30

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-22-080724RE

Tgt Ion:117 Resp: 68396
Ion Ratio Lower Upper
117 100
82 53.8 42.4 63.6
119 33.8 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: VY019030.D
Acq: 13 Aug 2024 15:30

Tgt Ion:152 Resp: 23025
Ion Ratio Lower Upper
152 100
115 52.6 28.2 84.7
150 159.4 0.0 345.6

