

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019216.D
 Acq On : 22 Aug 2024 13:31
 Operator : SY/MD
 Sample : P3685-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 Stock Pile-2

Quant Time: Aug 23 01:52:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.701	168	5070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	7843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	5170	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	1930	37.975	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.960%
35) Dibromofluoromethane	7.622	113	2323	45.298	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.600%
50) Toluene-d8	10.109	98	7940	43.024	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.040%
62) 4-Bromofluorobenzene	12.408	95	1314	20.886	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	41.780%

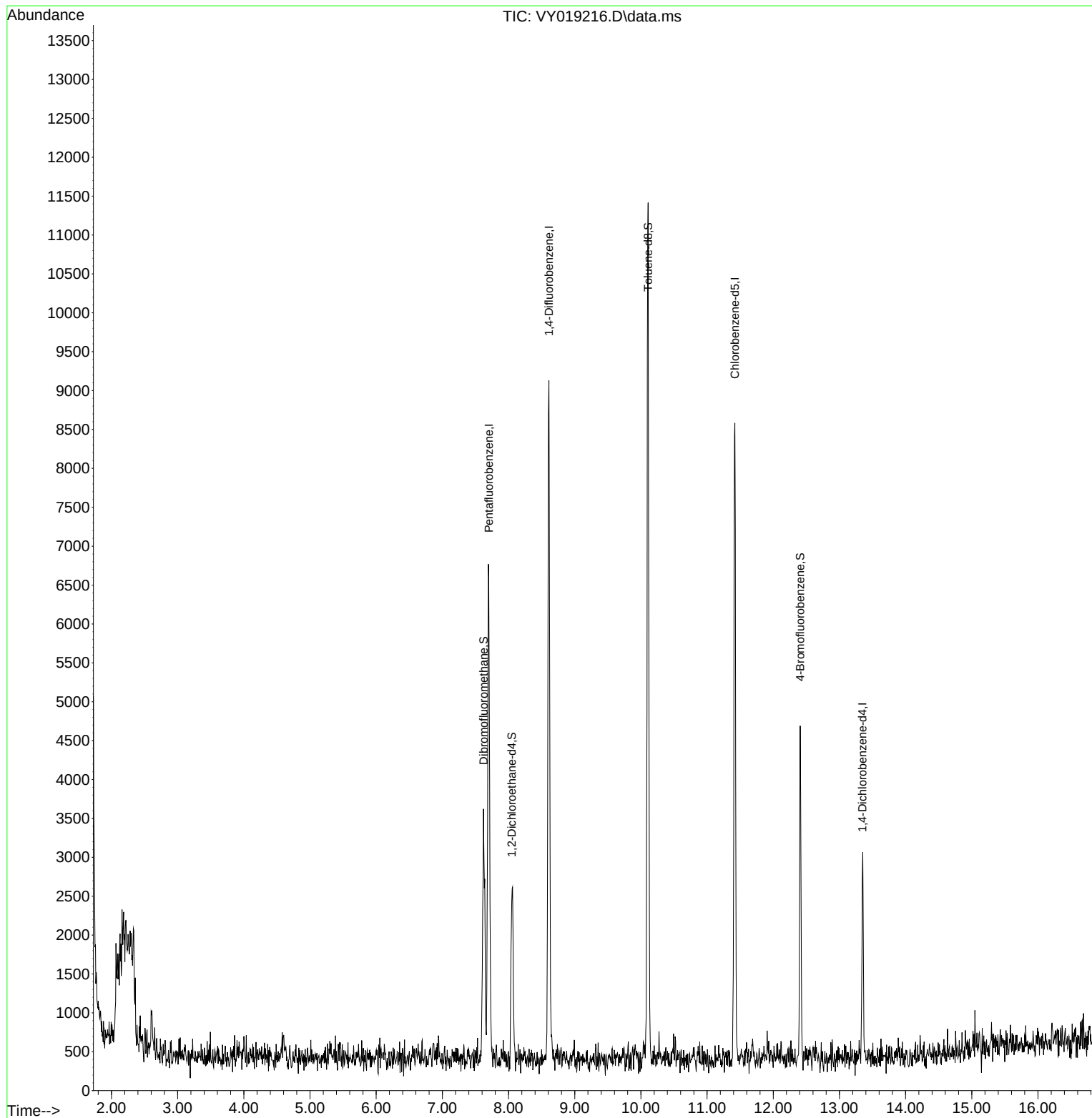
Target Compounds	Qvalue

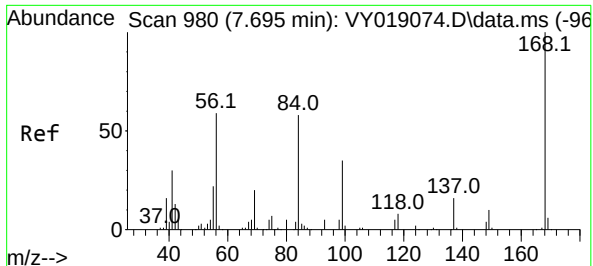
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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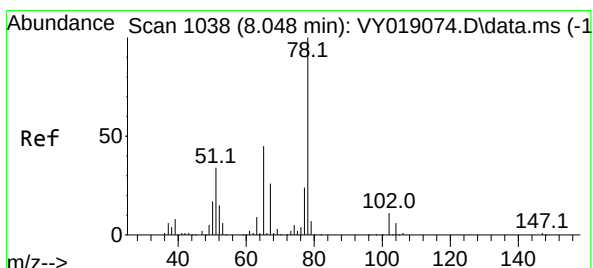
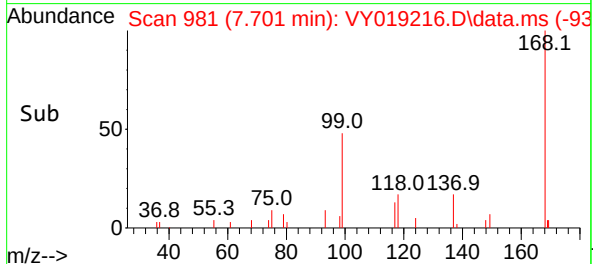
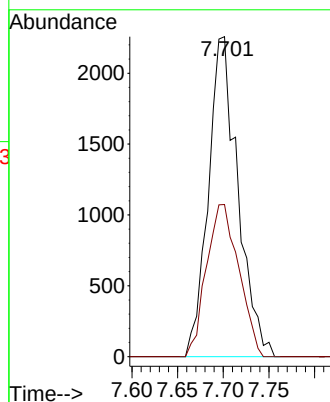
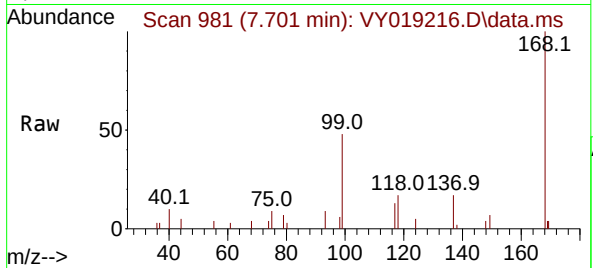




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY019216.D
Acq: 22 Aug 2024 13:31

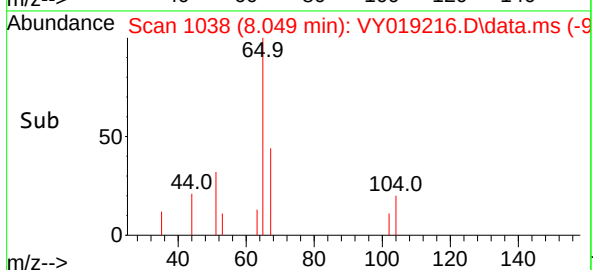
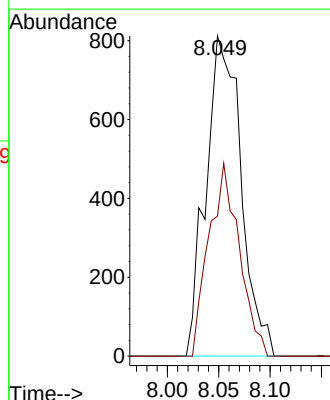
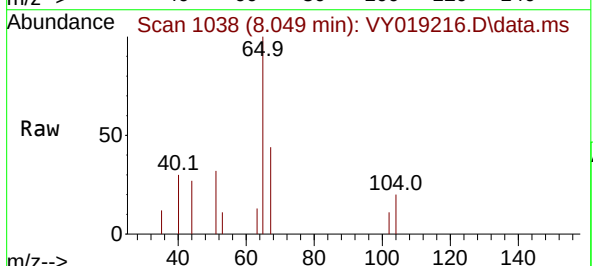
Instrument :
MSVOA_Y
ClientSampleId :
Stock Pile-2

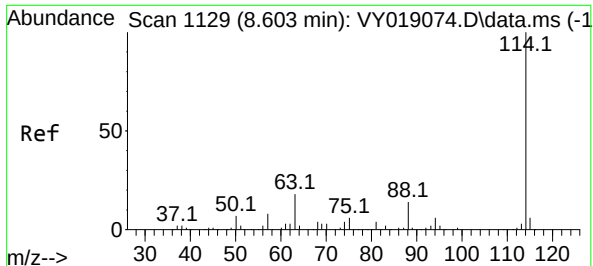
Tgt Ion:168 Resp: 5070
Ion Ratio Lower Upper
168 100
99 47.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 37.975 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019216.D
Acq: 22 Aug 2024 13:31

Tgt Ion: 65 Resp: 1930
Ion Ratio Lower Upper
65 100
67 52.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019216.D

Acq: 22 Aug 2024 13:31

Instrument :

MSVOA_Y

ClientSampleId :

Stock Pile-2

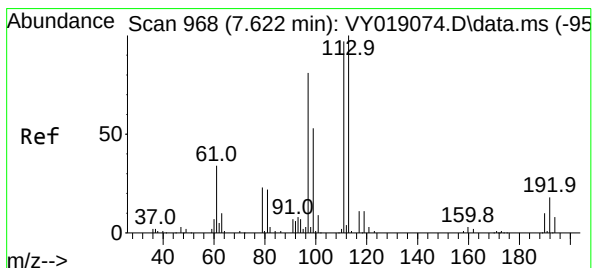
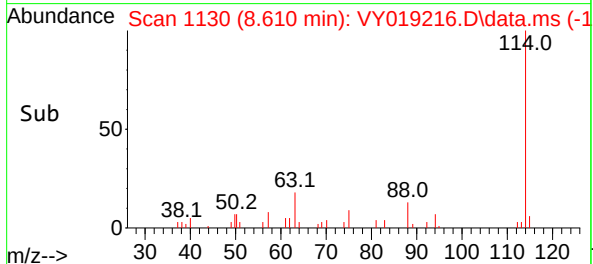
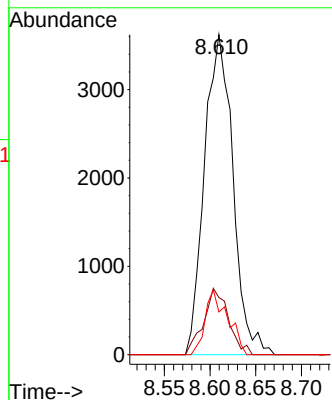
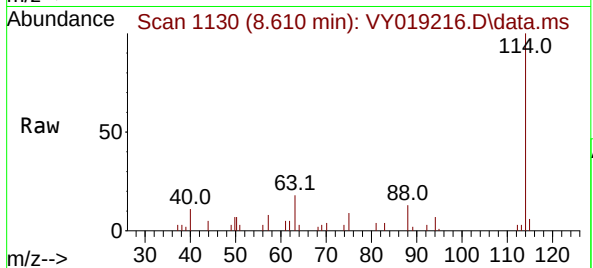
Tgt Ion:114 Resp: 7843

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 13.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 45.298 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019216.D

Acq: 22 Aug 2024 13:31

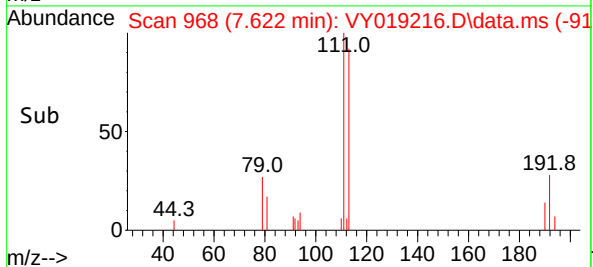
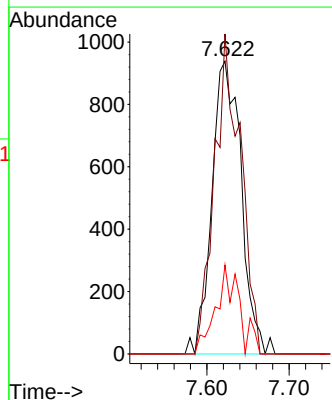
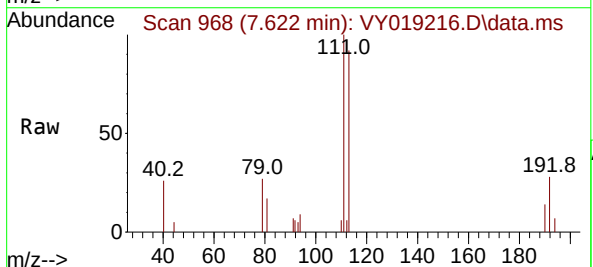
Tgt Ion:113 Resp: 2323

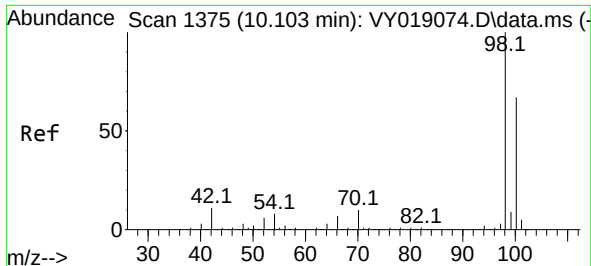
Ion Ratio Lower Upper

113 100

111 97.6 82.2 123.4

192 24.6 15.9 23.9#

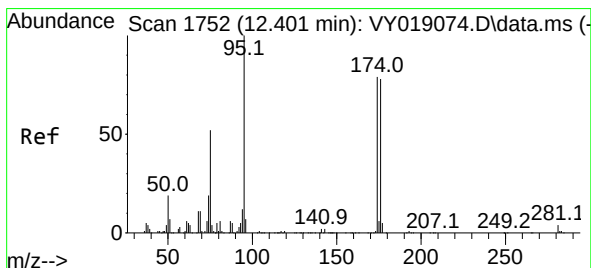
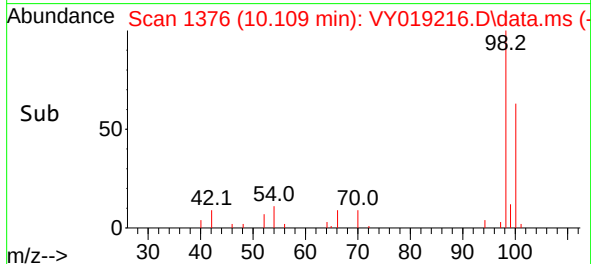
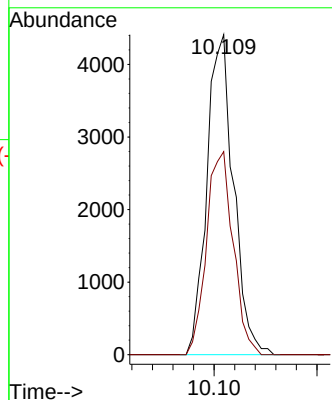
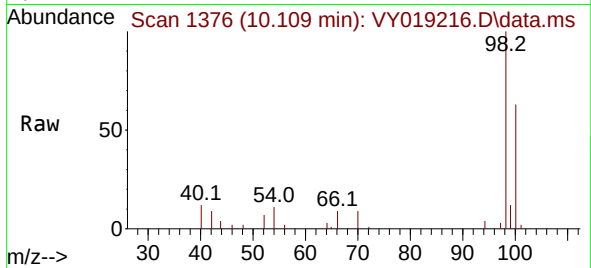




#50
Toluene-d8
Concen: 43.024 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019216.D
Acq: 22 Aug 2024 13:31

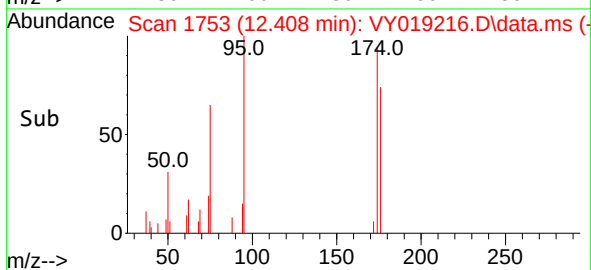
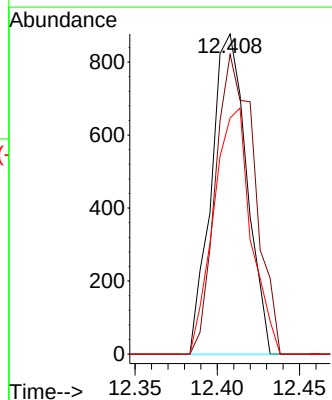
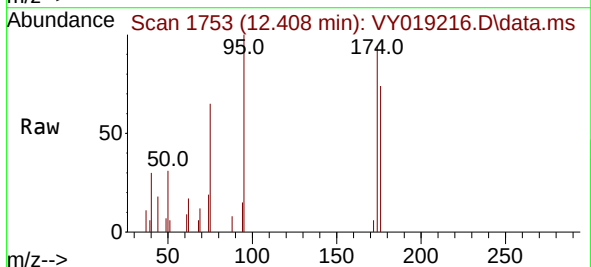
Instrument :
MSVOA_Y
ClientSampleId :
Stock Pile-2

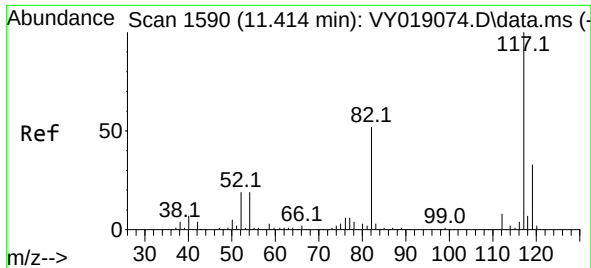
Tgt Ion: 98 Resp: 7940
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 20.886 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019216.D
Acq: 22 Aug 2024 13:31

Tgt Ion: 95 Resp: 1314
Ion Ratio Lower Upper
95 100
174 102.7 0.0 175.6
176 80.9 0.0 171.4

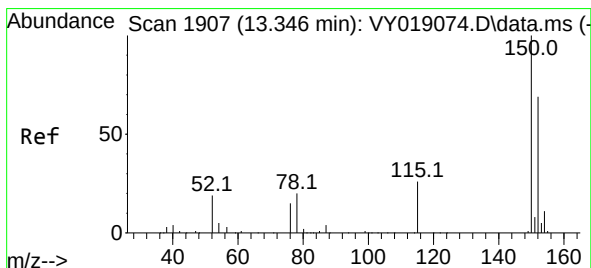
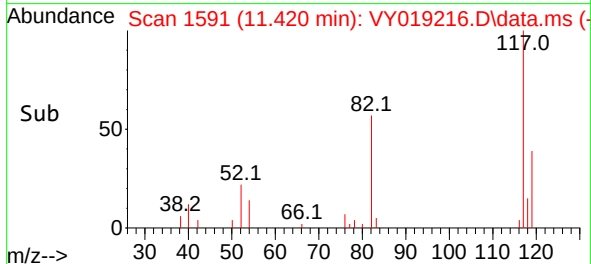
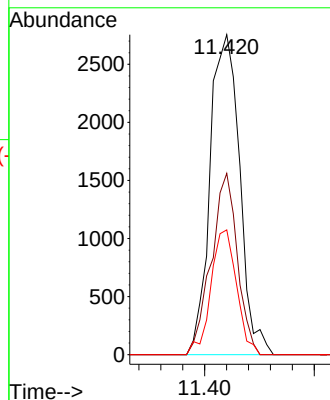
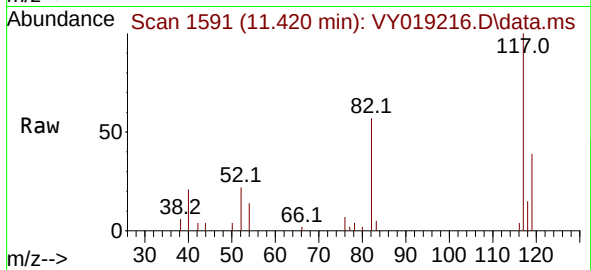




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1170
Delta R.T. 0.007 min
Lab File: VY019216.D
Acq: 22 Aug 2024 13:31

Instrument :
MSVOA_Y
ClientSampleId :
Stock Pile-2

Tgt Ion:117 Resp: 5170
Ion Ratio Lower Upper
117 100
82 56.7 42.4 63.6
119 39.0 25.9 38.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019216.D
Acq: 22 Aug 2024 13:31

Tgt Ion:152 Resp: 799
Ion Ratio Lower Upper
152 100
115 67.7 28.2 84.7
150 165.7 0.0 345.6

