

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019215.D
 Acq On : 22 Aug 2024 13:07
 Operator : SY/MD
 Sample : P3685-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 Stock Pile-1

Quant Time: Aug 23 01:51:41 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	99239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	173692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	154993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	54085	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	47405	47.653	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.300%
35) Dibromofluoromethane	7.622	113	53726	47.306	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.620%
50) Toluene-d8	10.103	98	196423	48.060	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.120%
62) 4-Bromofluorobenzene	12.408	95	55926	40.141	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	80.280%

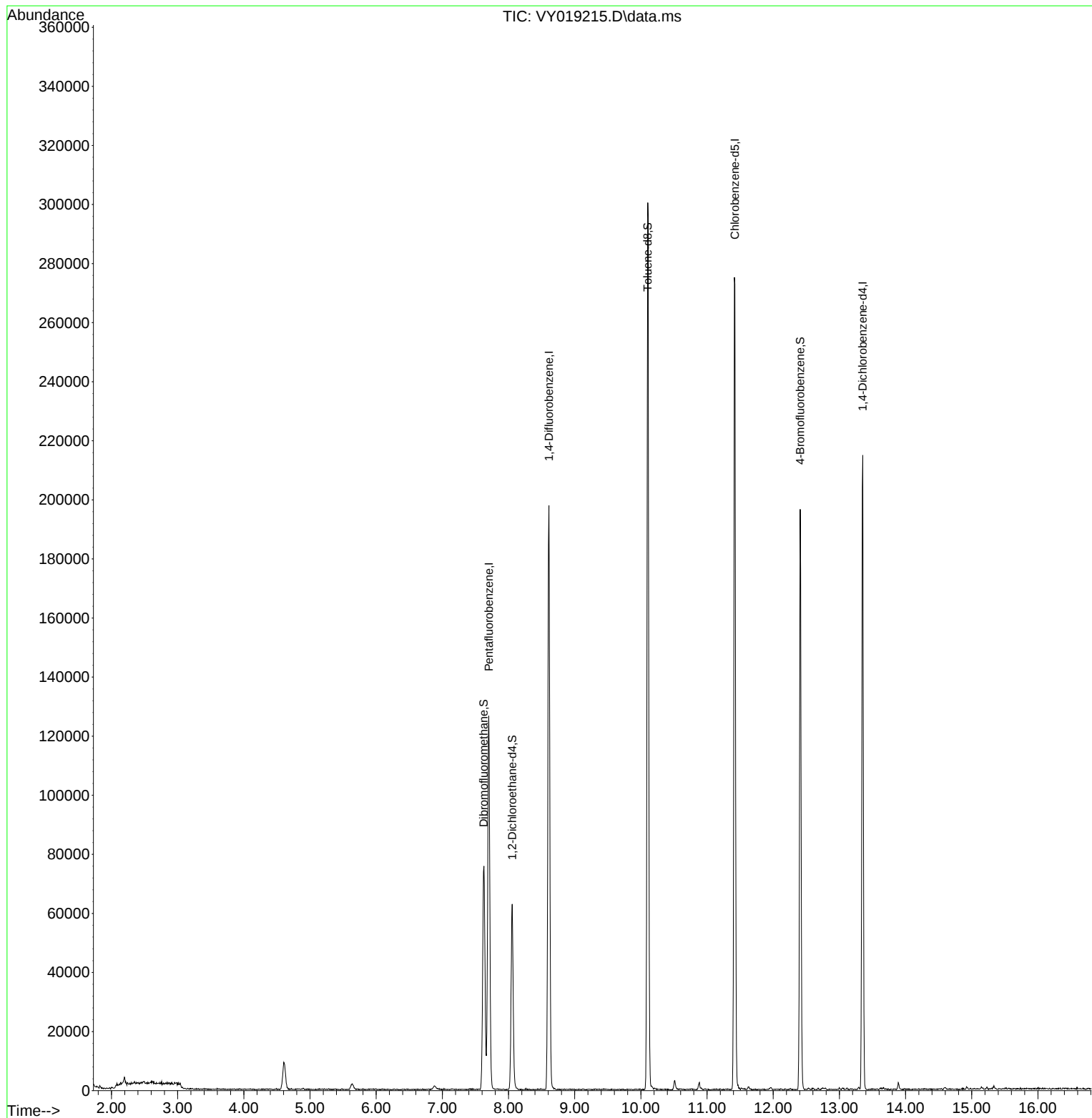
Target Compounds	Qvalue

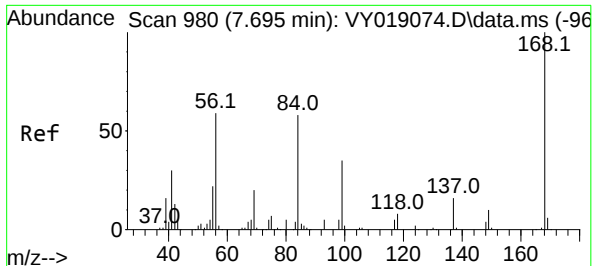
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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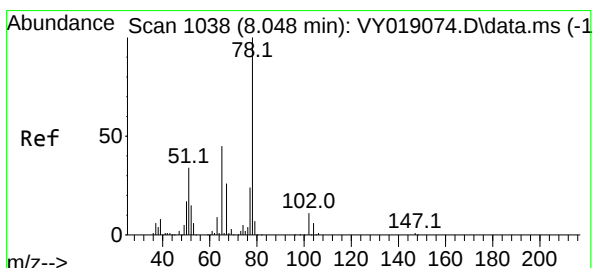
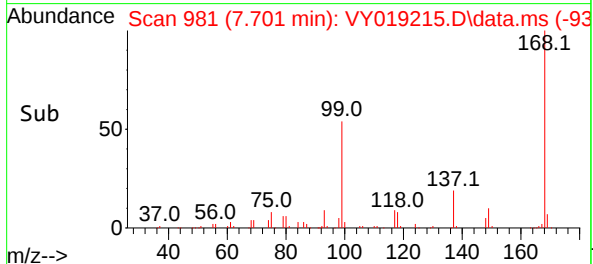
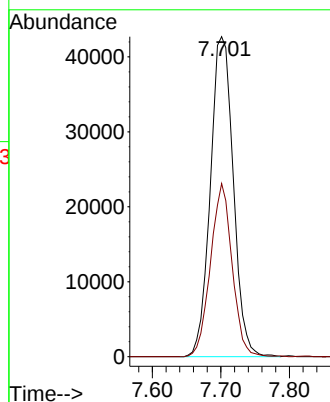
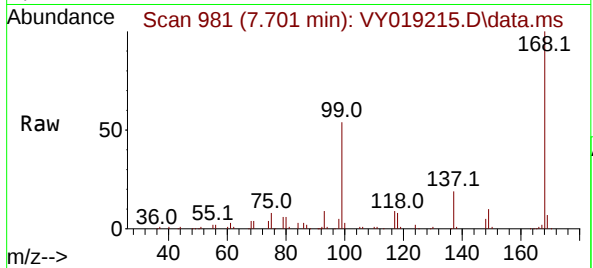




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY019215.D
Acq: 22 Aug 2024 13:07

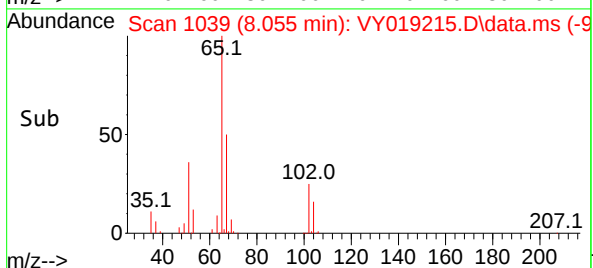
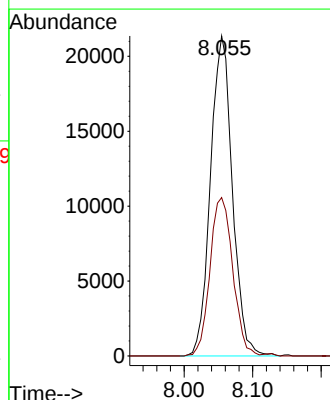
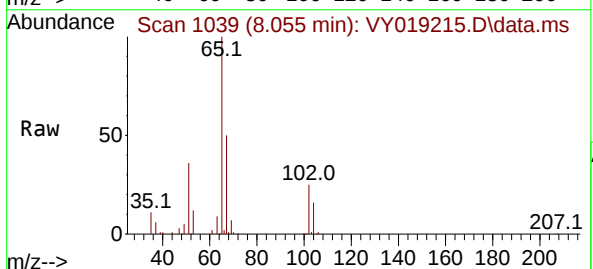
Instrument :
MSVOA_Y
ClientSampleId :
Stock Pile-1

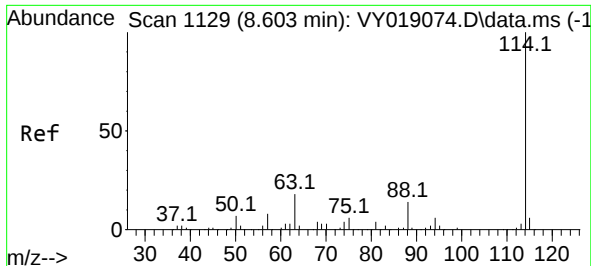
Tgt Ion:168 Resp: 99239
Ion Ratio Lower Upper
168 100
99 54.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.653 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019215.D
Acq: 22 Aug 2024 13:07

Tgt Ion: 65 Resp: 47405
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019215.D

Acq: 22 Aug 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

Stock Pile-1

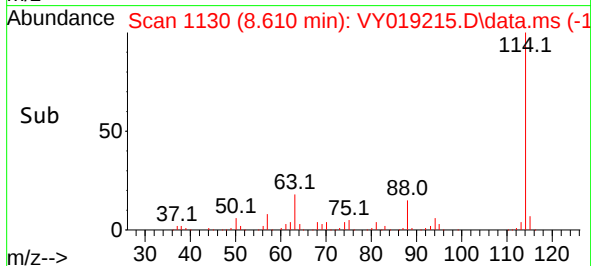
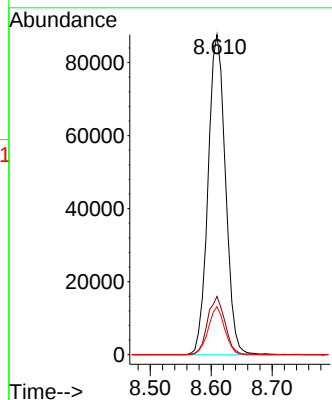
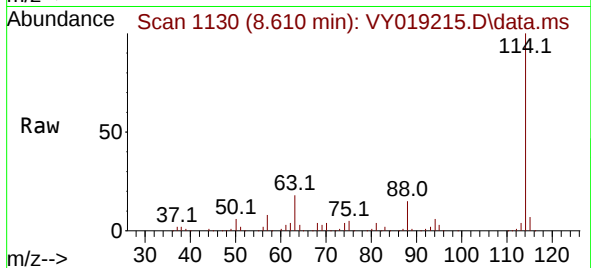
Tgt Ion:114 Resp: 173692

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.306 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019215.D

Acq: 22 Aug 2024 13:07

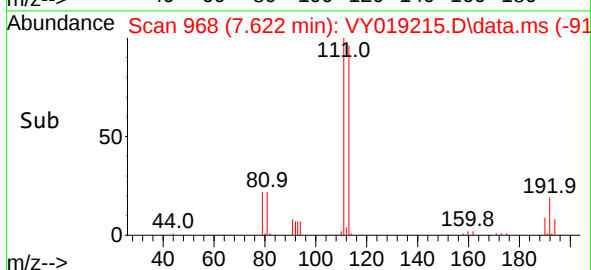
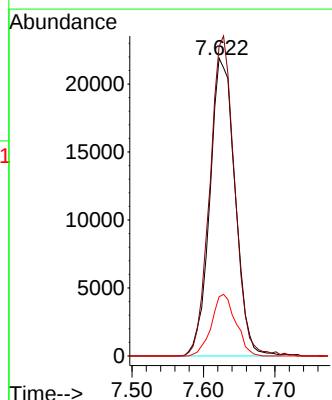
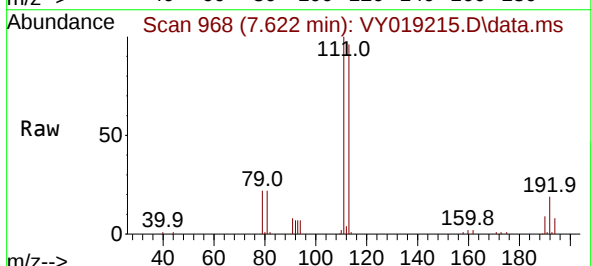
Tgt Ion:113 Resp: 53726

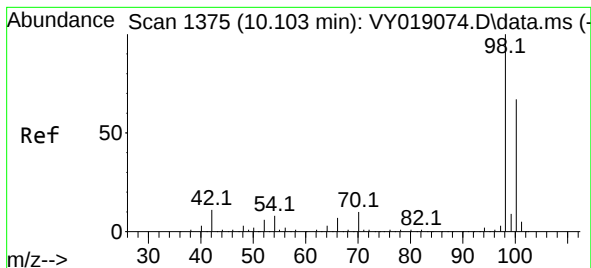
Ion Ratio Lower Upper

113 100

111 105.2 82.2 123.4

192 19.8 15.9 23.9





#50

Toluene-d8

Concen: 48.060 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019215.D

Acq: 22 Aug 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

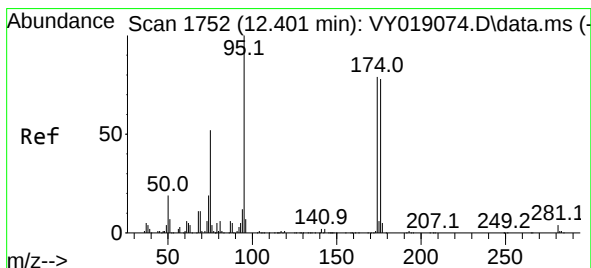
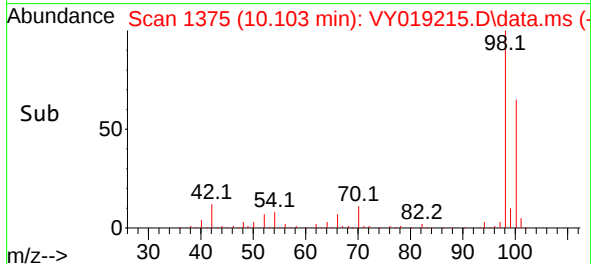
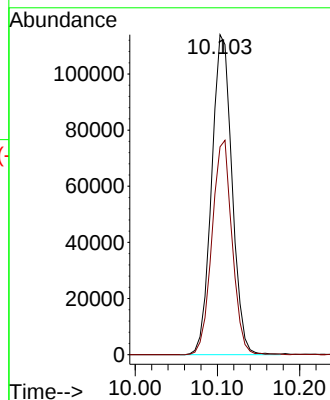
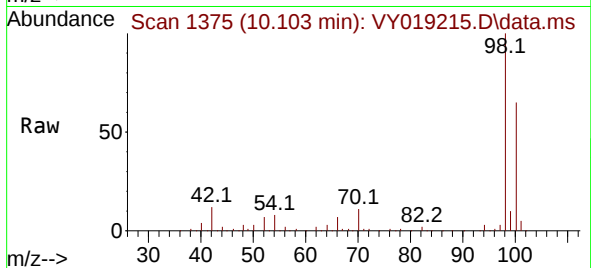
Stock Pile-1

Tgt Ion: 98 Resp: 196423

Ion Ratio Lower Upper

98 100

100 66.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 40.141 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019215.D

Acq: 22 Aug 2024 13:07

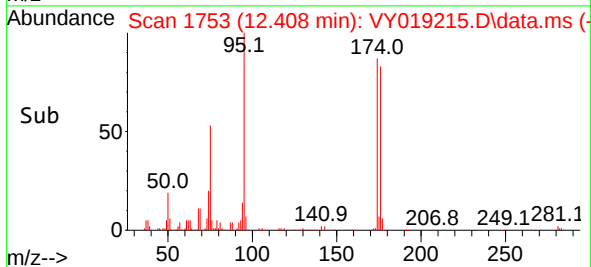
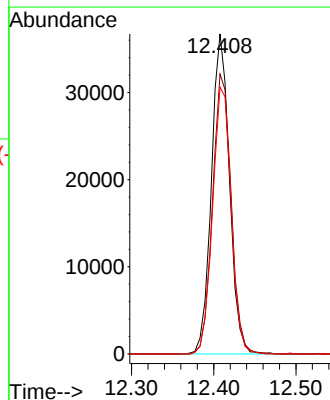
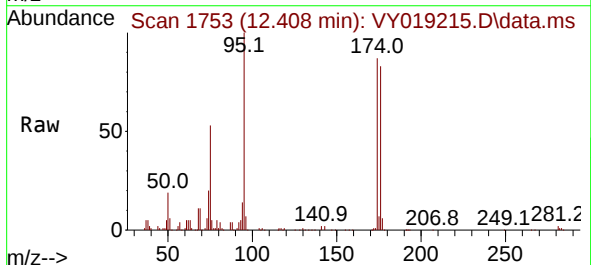
Tgt Ion: 95 Resp: 55926

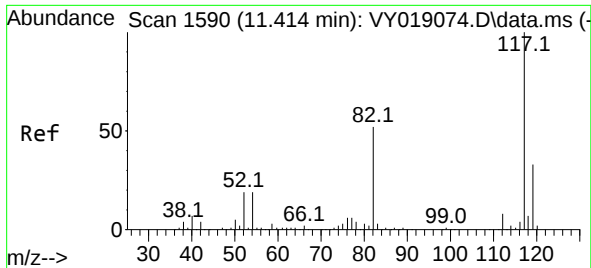
Ion Ratio Lower Upper

95 100

174 90.1 0.0 175.6

176 86.1 0.0 171.4

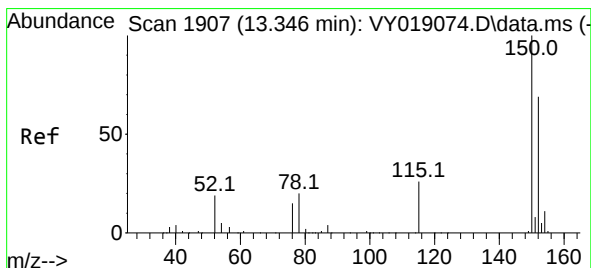
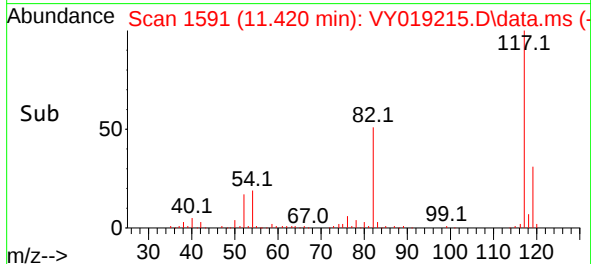
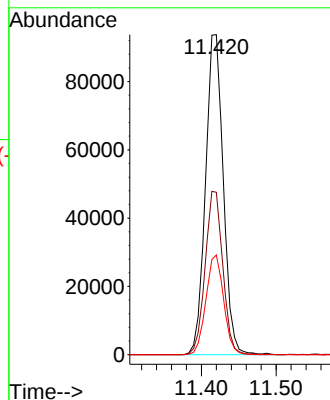
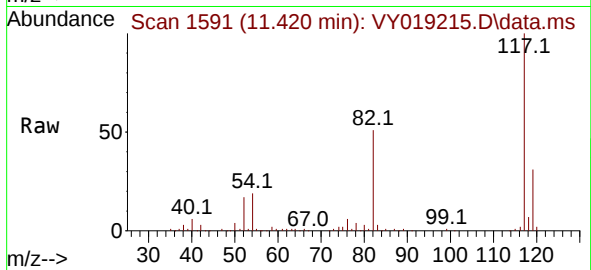




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY019215.D
Acq: 22 Aug 2024 13:07

Instrument :
MSVOA_Y
ClientSampleId :
Stock Pile-1

Tgt Ion:117 Resp: 154993
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 31.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019215.D
Acq: 22 Aug 2024 13:07

Tgt Ion:152 Resp: 54085
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 158.4 0.0 345.6

