

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019111.D
 Acq On : 19 Aug 2024 12:47
 Operator : SY/MD
 Sample : P3483-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A-TOPSOIL

Quant Time: Aug 19 14:52:22 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	7.695	168	41666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	65701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	53354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	16762	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	18591	44.511	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.020%
35) Dibromofluoromethane	7.622	113	21410	49.838	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.680%
50) Toluene-d8	10.103	98	73222	47.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.720%
62) 4-Bromofluorobenzene	12.408	95	18514	35.130	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	70.260%

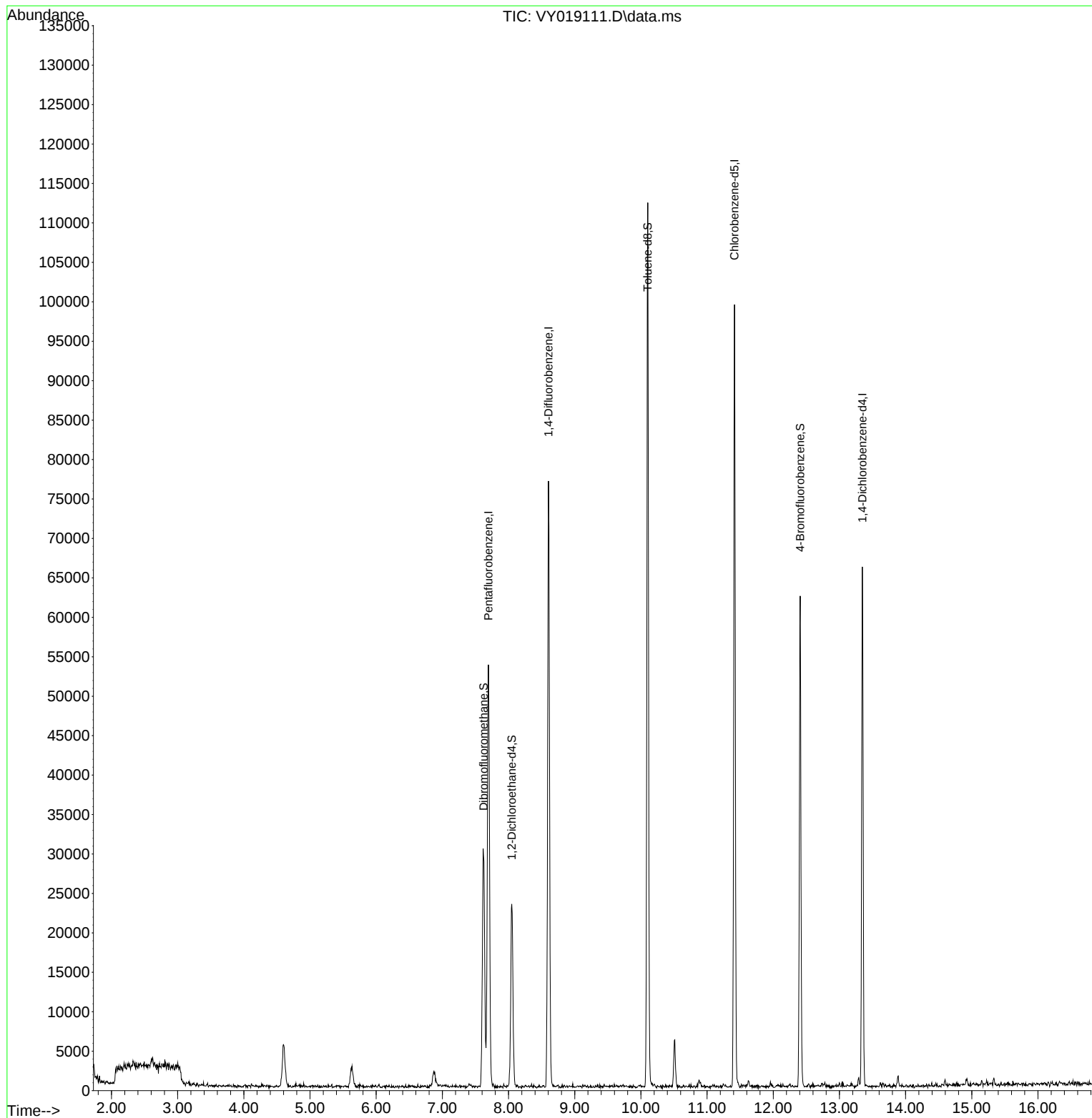
Target Compounds	Qvalue

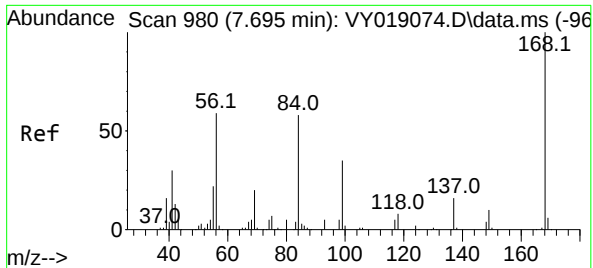
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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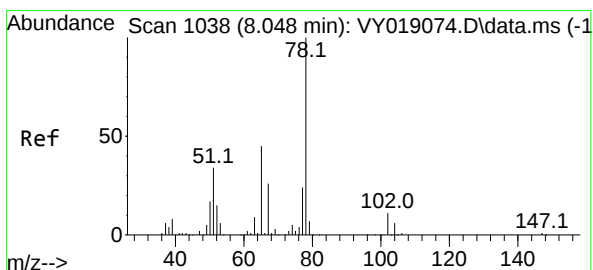
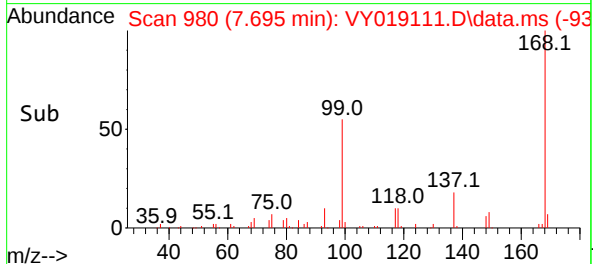
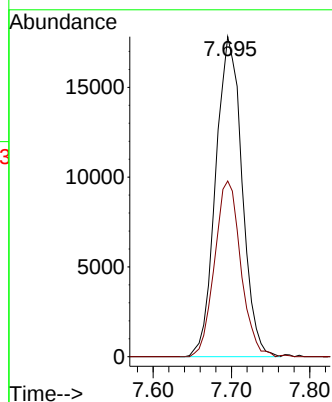
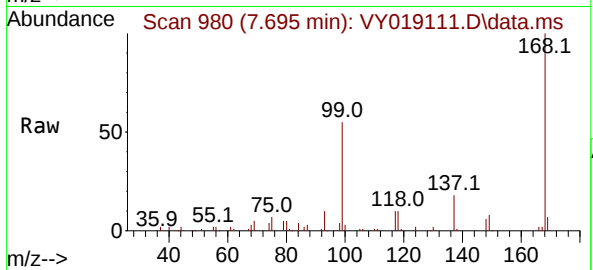




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY019111.D
Acq: 19 Aug 2024 12:47

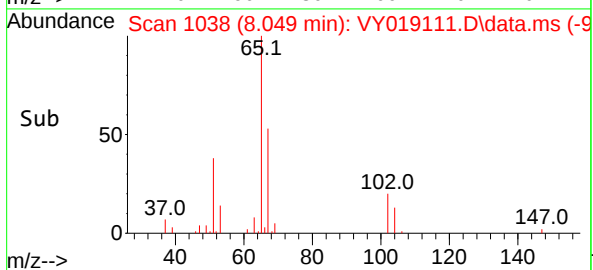
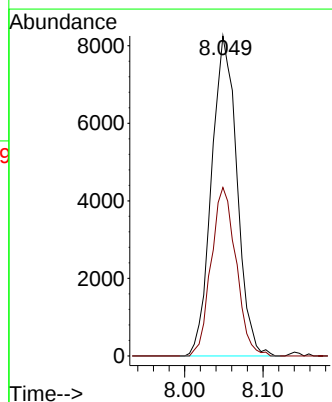
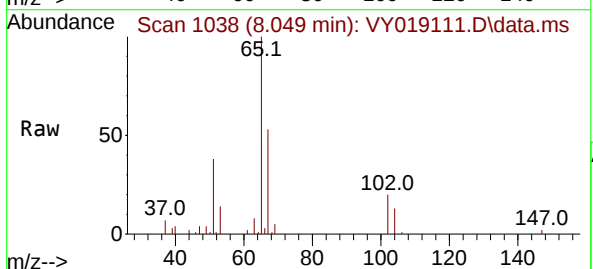
Instrument :
MSVOA_Y
ClientSampleId :
A-TOPSOIL

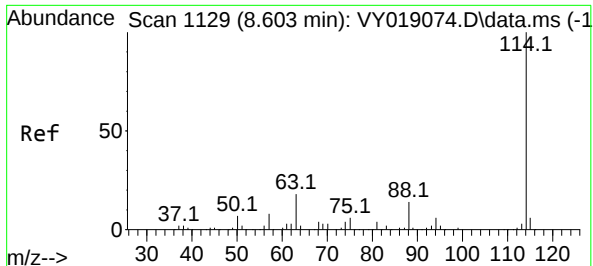
Tgt Ion:168 Resp: 41666
Ion Ratio Lower Upper
168 100
99 54.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 44.511 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019111.D
Acq: 19 Aug 2024 12:47

Tgt Ion: 65 Resp: 18591
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019111.D

Acq: 19 Aug 2024 12:47

Instrument :

MSVOA_Y

ClientSampleId :

A-TOPSOIL

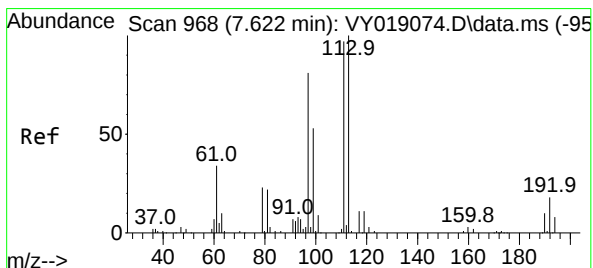
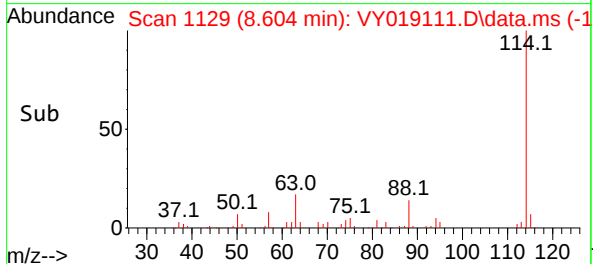
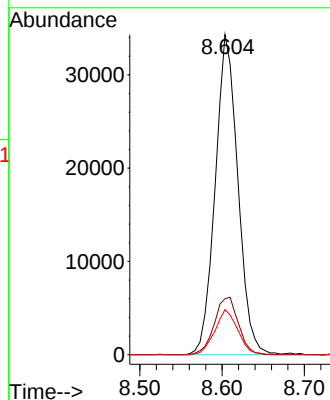
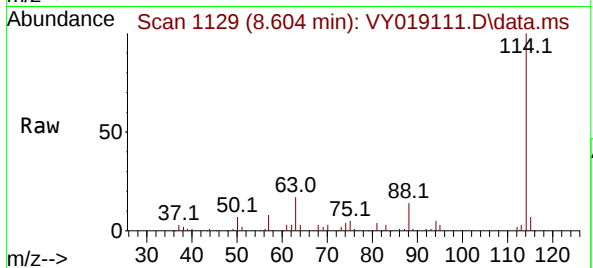
Tgt Ion:114 Resp: 65701

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.838 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019111.D

Acq: 19 Aug 2024 12:47

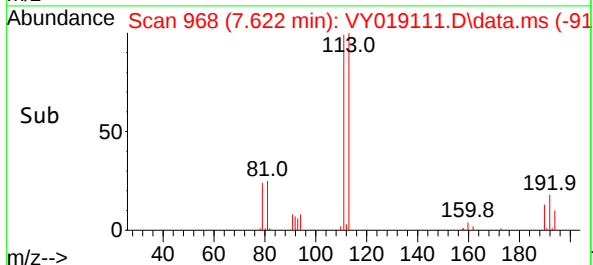
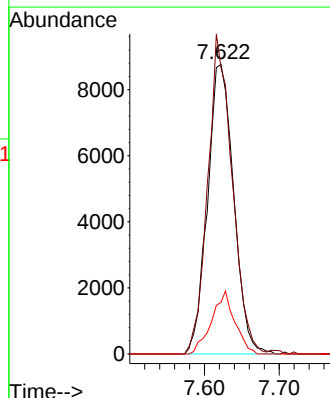
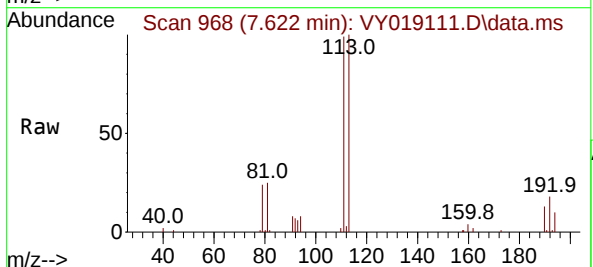
Tgt Ion:113 Resp: 21410

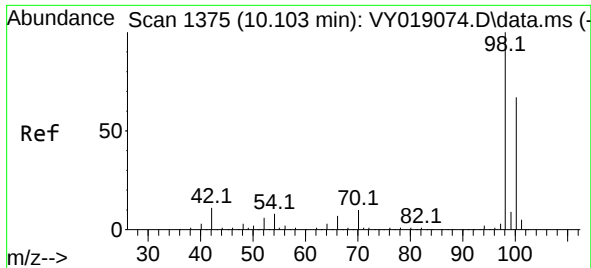
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 19.2 15.9 23.9

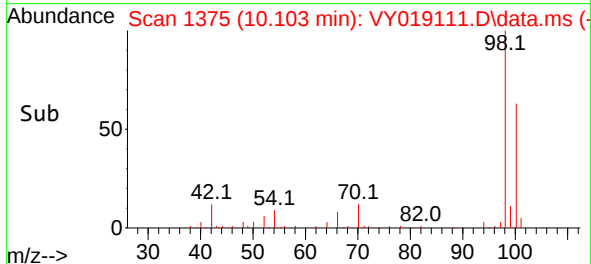
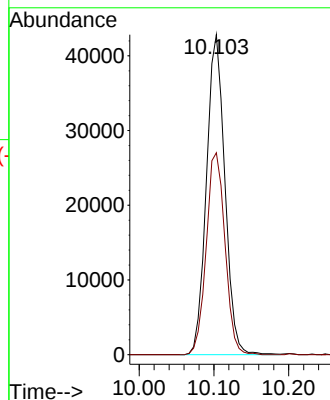
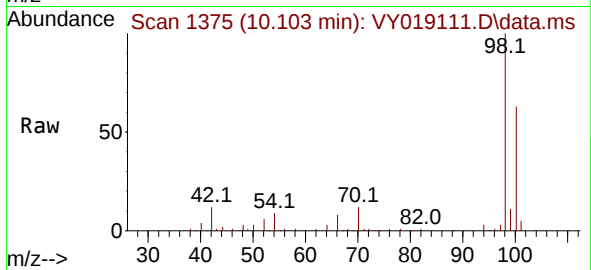




#50
Toluene-d8
Concen: 47.364 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019111.D
Acq: 19 Aug 2024 12:47

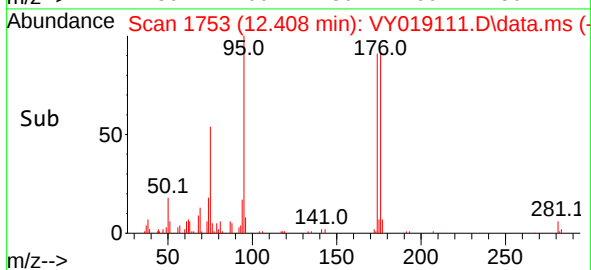
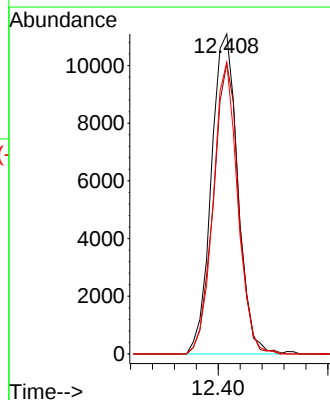
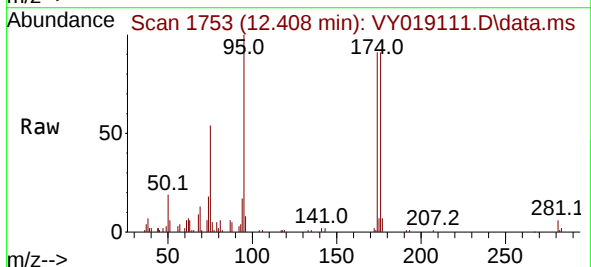
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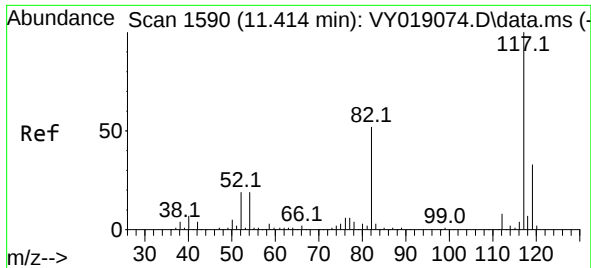
Tgt Ion: 98 Resp: 73222
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.130 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019111.D
Acq: 19 Aug 2024 12:47

Tgt Ion: 95 Resp: 18514
Ion Ratio Lower Upper
95 100
174 87.2 0.0 175.6
176 84.5 0.0 171.4

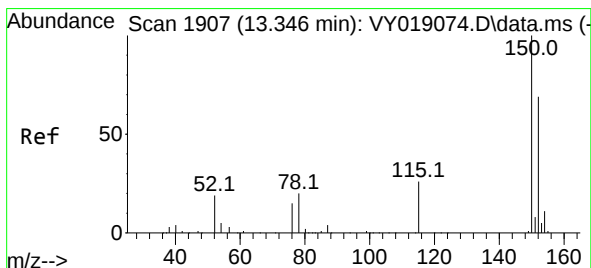
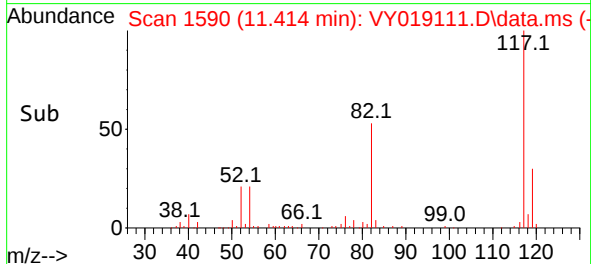
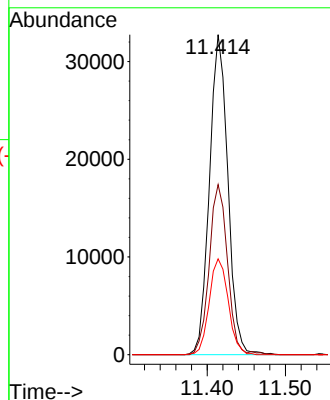
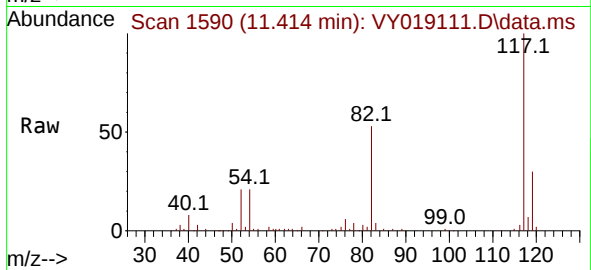




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019111.D
Acq: 19 Aug 2024 12:47

Instrument :
MSVOA_Y
ClientSampleId :
A-TOPSOIL

Tgt Ion:	117	Resp:	53354
Ion Ratio	Lower	Upper	
117	100		
82	53.2	42.4	63.6
119	29.9	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: VY019111.D
Acq: 19 Aug 2024 12:47

Tgt Ion:	152	Resp:	16762
Ion Ratio	Lower	Upper	
152	100		
115	59.0	28.2	84.7
150	151.6	0.0	345.6

