

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019158.D
 Acq On : 20 Aug 2024 18:05
 Operator : SY/MD
 Sample : P3643-11
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 921-J-SD-0-0.5-081524

Quant Time: Aug 21 01:32:58 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	19049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	25960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	14503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	3153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	4928	25.808	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	51.620%
35) Dibromofluoromethane	7.622	113	7103	41.846	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.700%
50) Toluene-d8	10.103	98	25637	41.970	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.940%
62) 4-Bromofluorobenzene	12.414	95	3908	18.767	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	37.540%

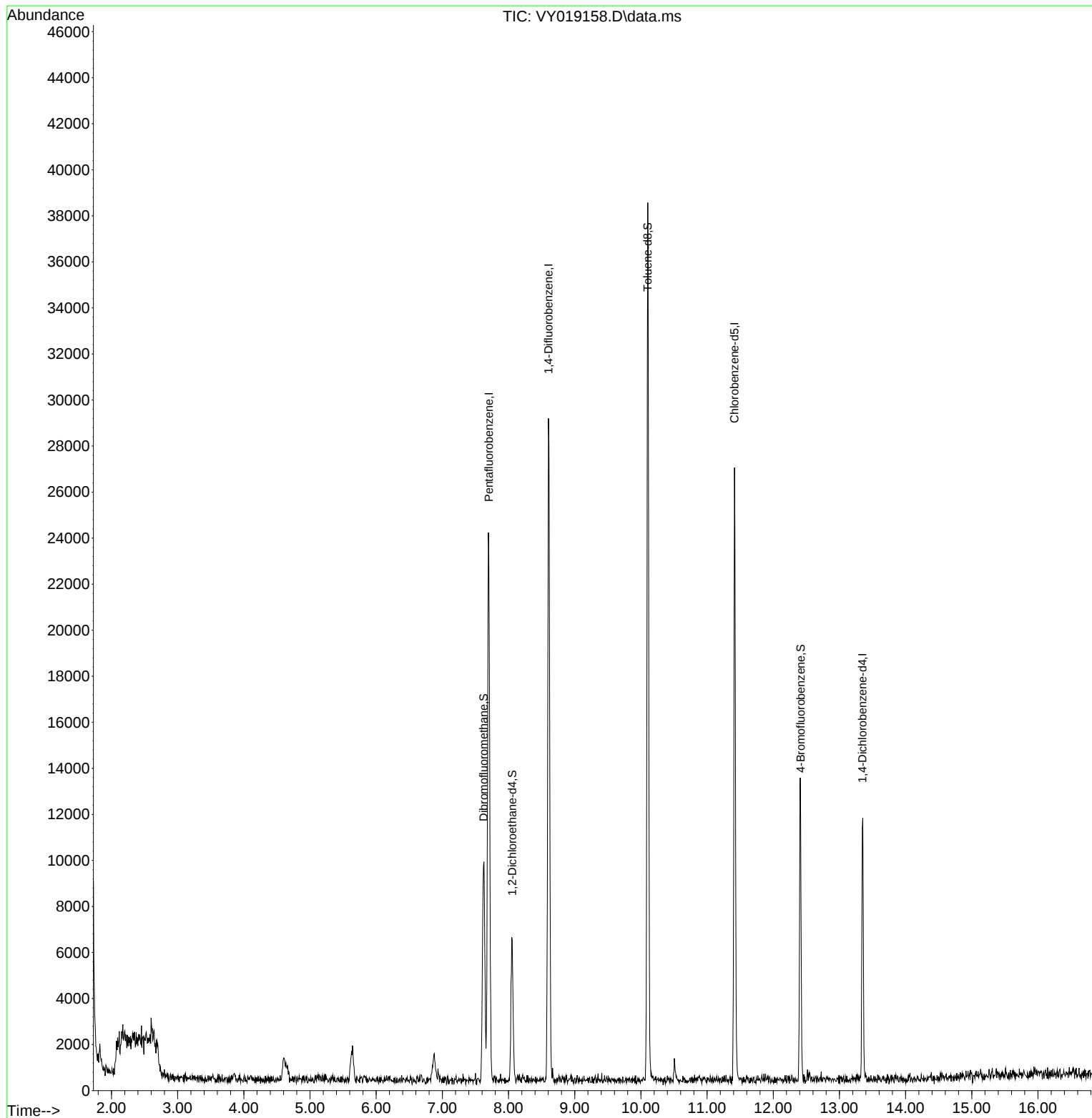
Target Compounds	Qvalue

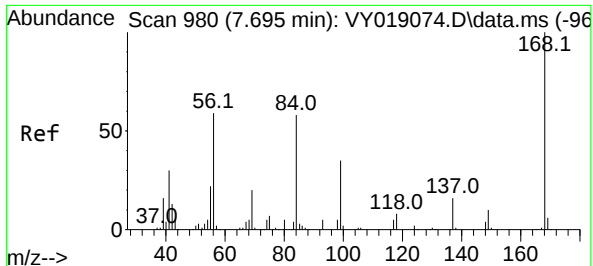
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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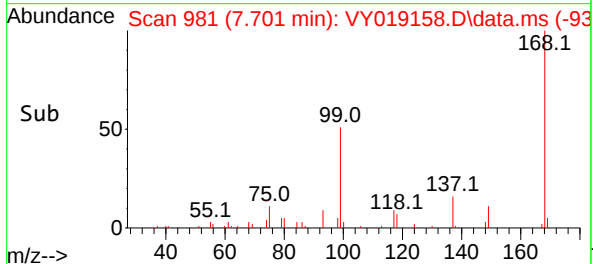
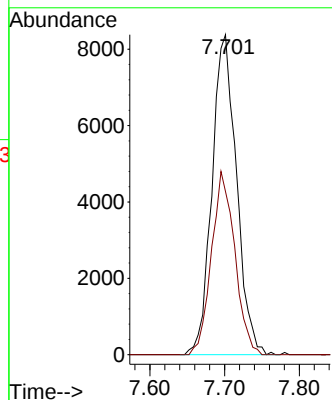
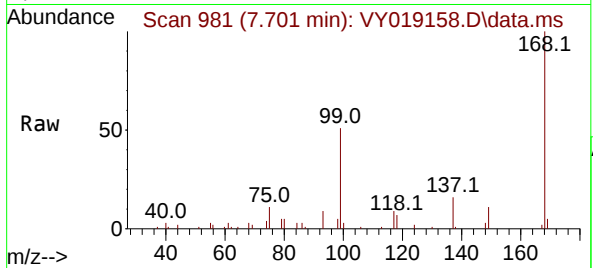




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019158.D
Acq: 20 Aug 2024 18:05

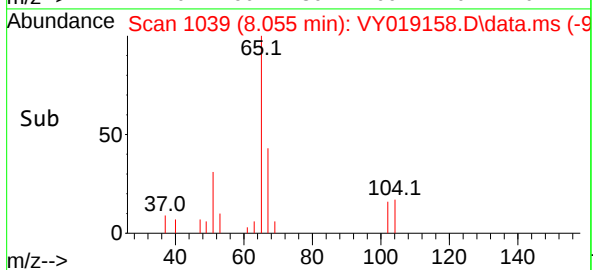
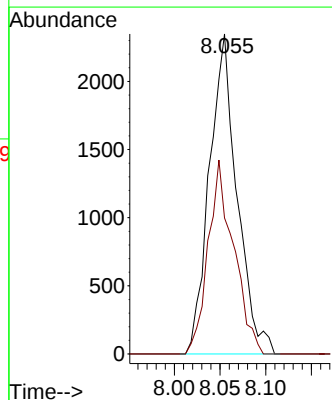
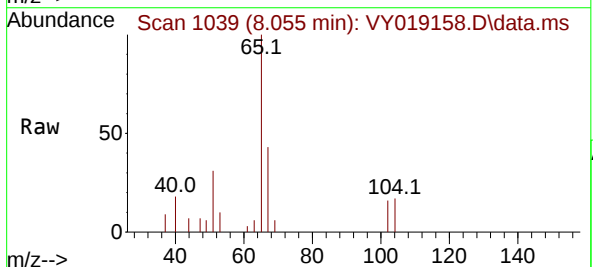
Instrument :
MSVOA_Y
ClientSampleId :
921-J-SD-0-0.5-081524

Tgt Ion:168 Resp: 19049
Ion Ratio Lower Upper
168 100
99 51.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 25.808 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019158.D
Acq: 20 Aug 2024 18:05

Tgt Ion: 65 Resp: 4928
Ion Ratio Lower Upper
65 100
67 56.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019158.D

Acq: 20 Aug 2024 18:05

Instrument :

MSVOA_Y

ClientSampleId :

921-J-SD-0-0.5-081524

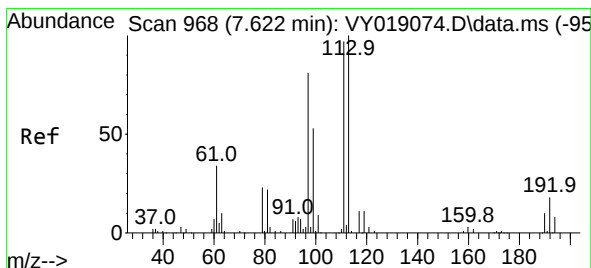
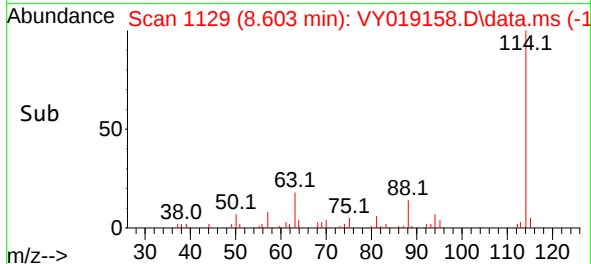
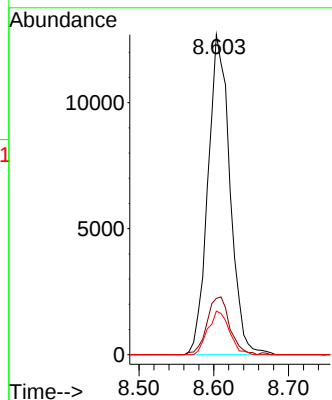
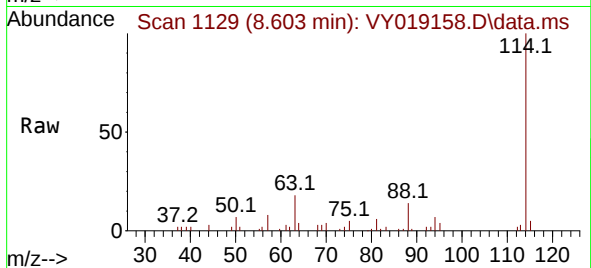
Tgt Ion:114 Resp: 25960

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 41.846 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019158.D

Acq: 20 Aug 2024 18:05

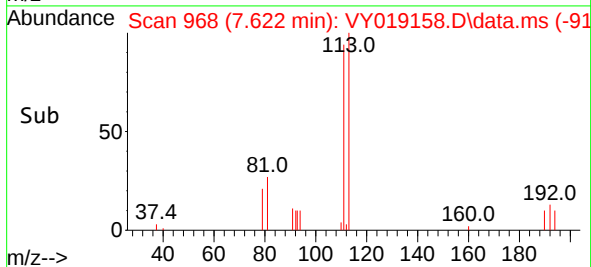
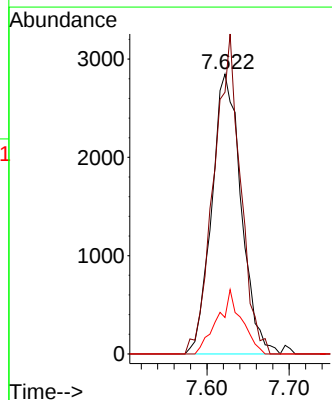
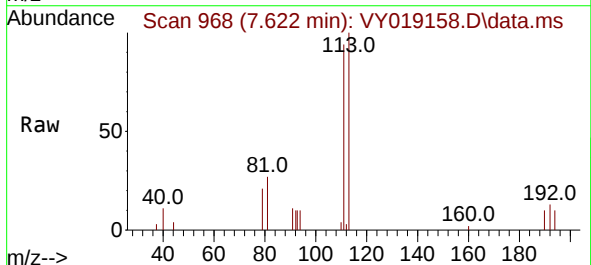
Tgt Ion:113 Resp: 7103

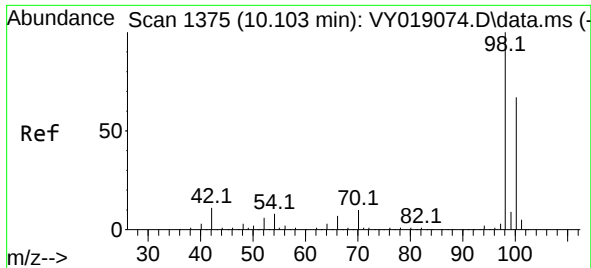
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 18.9 15.9 23.9

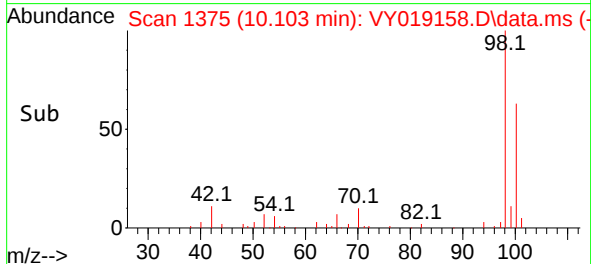
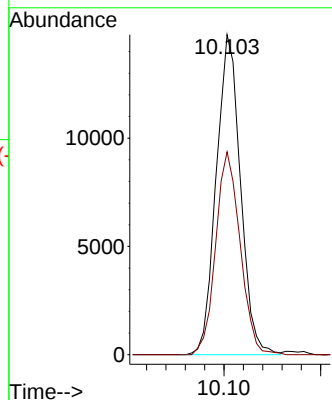
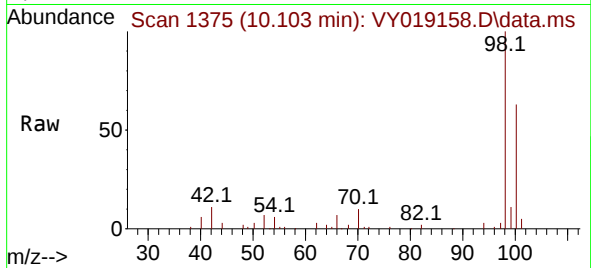




#50
Toluene-d8
Concen: 41.970 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019158.D
Acq: 20 Aug 2024 18:05

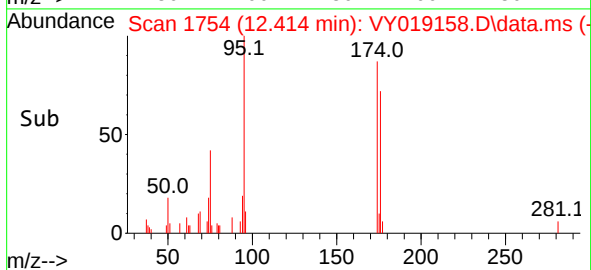
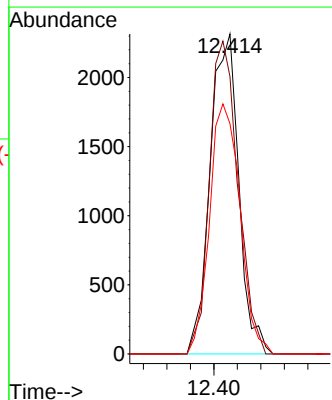
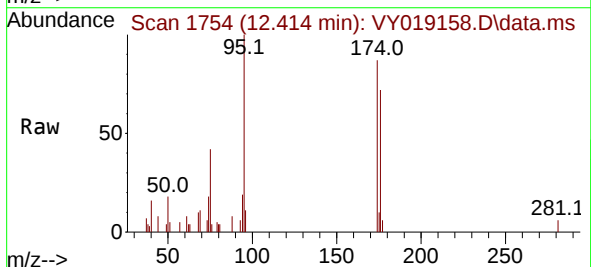
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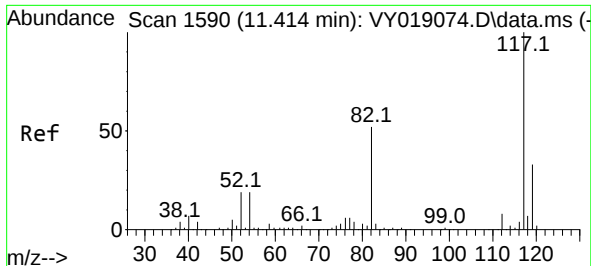
Tgt Ion: 98 Resp: 25637
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 18.767 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.012 min
Lab File: VY019158.D
Acq: 20 Aug 2024 18:05

Tgt Ion: 95 Resp: 3908
Ion Ratio Lower Upper
95 100
174 98.0 0.0 175.6
176 83.5 0.0 171.4

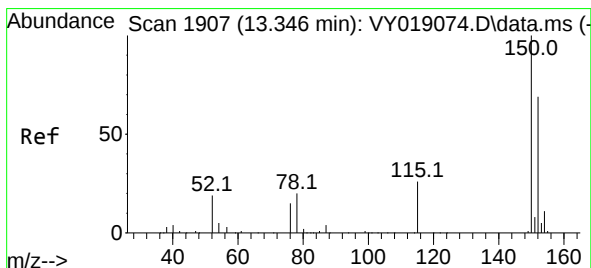
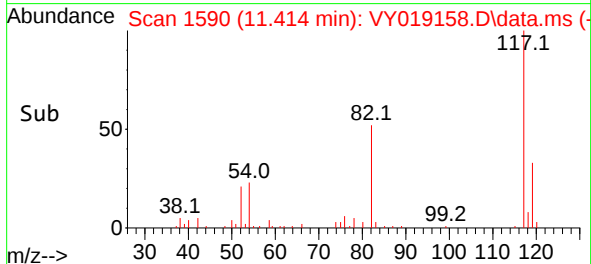
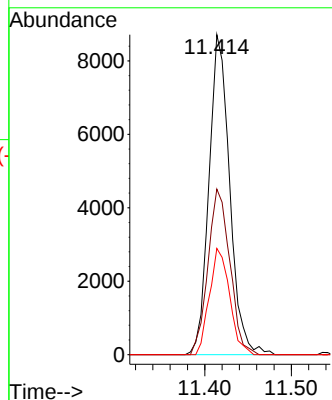
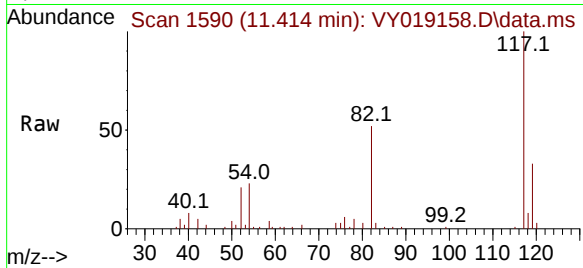




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019158.D
Acq: 20 Aug 2024 18:05

Instrument :
MSVOA_Y
ClientSampleId :
921-J-SD-0-0.5-081524

Tgt Ion:117	Resp:	14503
Ion	Ratio	Lower Upper
117	100	
82	51.8	42.4 63.6
119	33.2	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: VY019158.D
Acq: 20 Aug 2024 18:05

Tgt Ion:152	Resp:	3153
Ion	Ratio	Lower Upper
152	100	
115	61.4	28.2 84.7
150	154.9	0.0 345.6

