

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019060.D
 Acq On : 14 Aug 2024 15:50
 Operator : SY/MD
 Sample : P3580-08
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 922-K1-SD-0.5-1-081224

Quant Time: Aug 14 21:47:38 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	46973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	80383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	75855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	30890	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	23364	56.651	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.300%
35) Dibromofluoromethane	7.616	113	26015	50.672	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.340%
50) Toluene-d8	10.103	98	97479	49.432	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.401	95	26172	44.735	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.460%

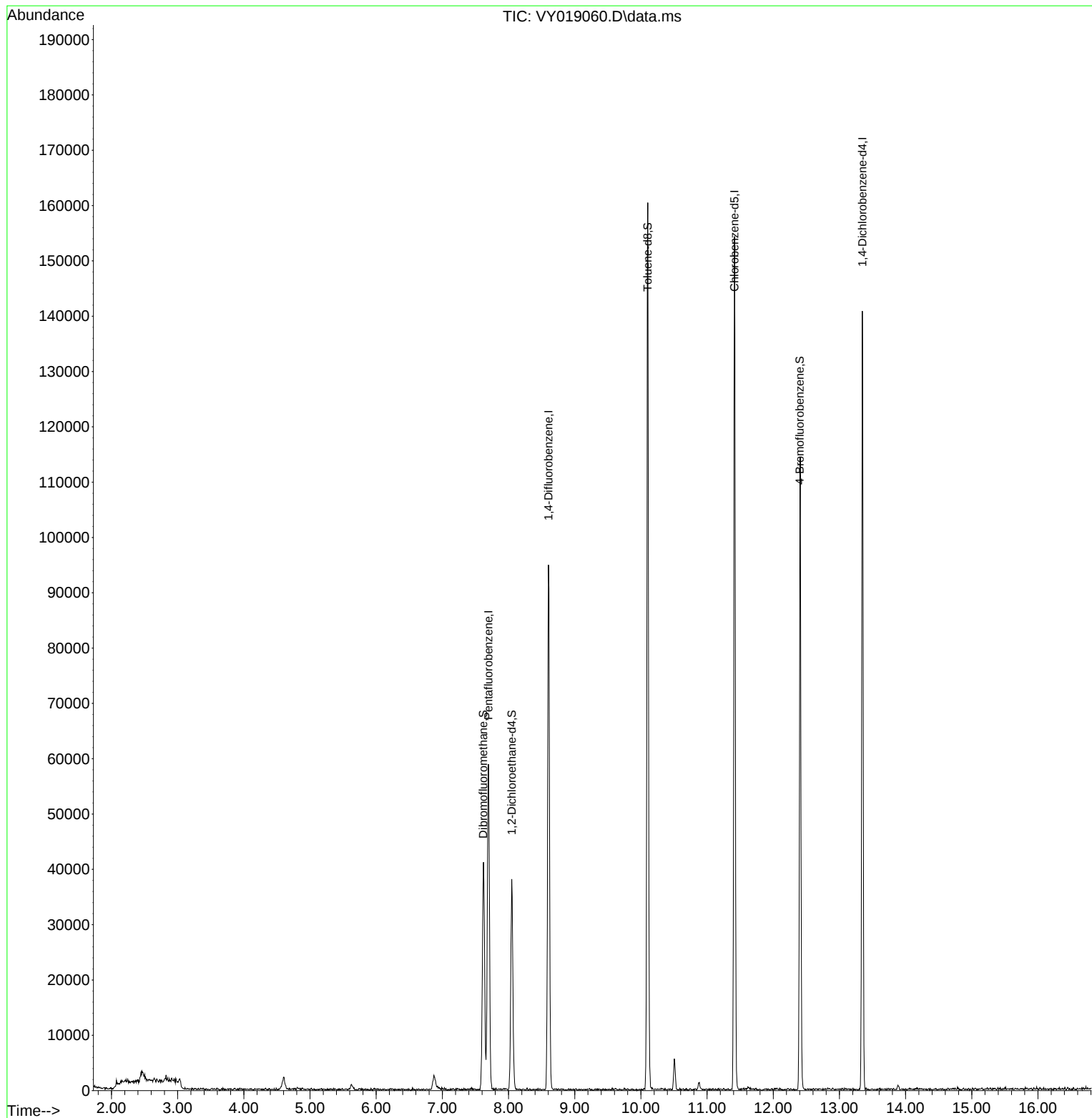
Target Compounds	Qvalue

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

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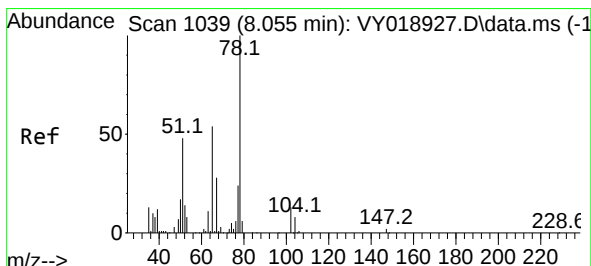
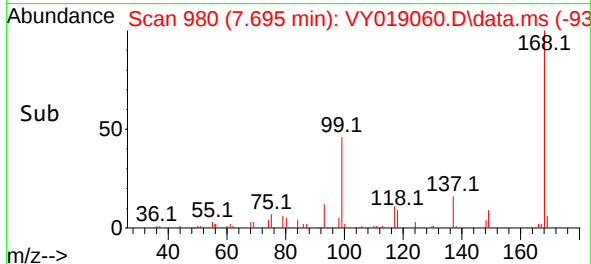
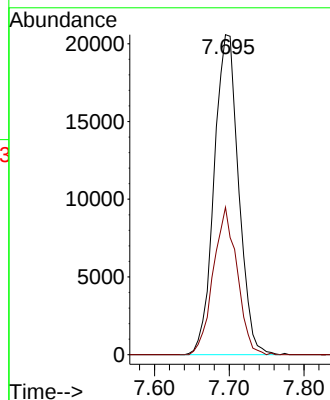
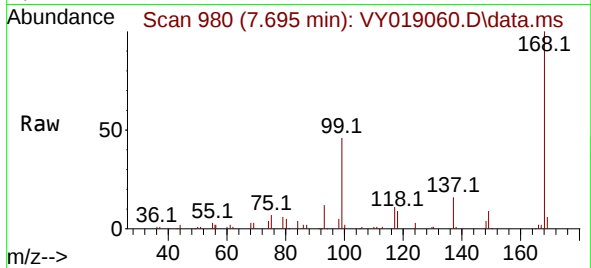




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019060.D
Acq: 14 Aug 2024 15:50

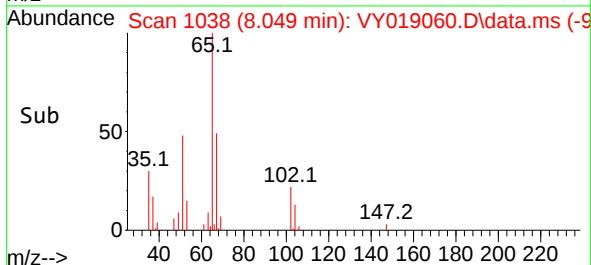
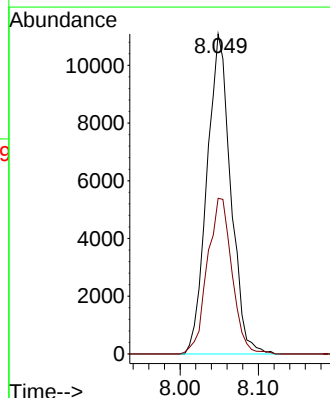
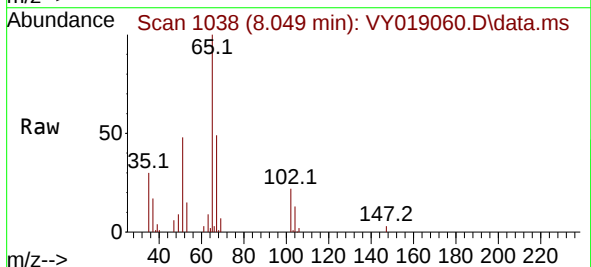
Instrument :
MSVOA_Y
ClientSampleId :
922-K1-SD-0.5-1-081224

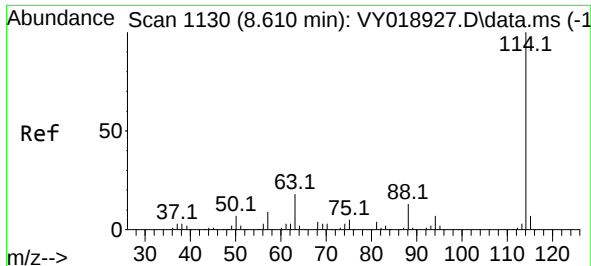
Tgt Ion:168 Resp: 46973
Ion Ratio Lower Upper
168 100
99 46.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 56.651 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019060.D
Acq: 14 Aug 2024 15:50

Tgt Ion: 65 Resp: 23364
Ion Ratio Lower Upper
65 100
67 50.5 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: VY019060.D

Acq: 14 Aug 2024 15:50

Instrument :

MSVOA_Y

ClientSampleId :

922-K1-SD-0.5-1-081224

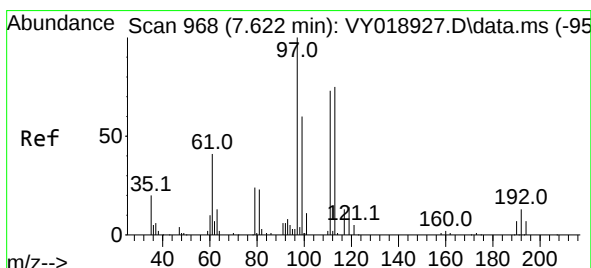
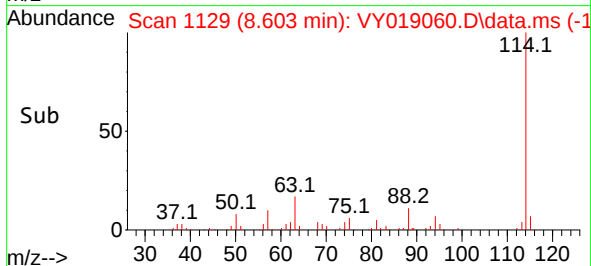
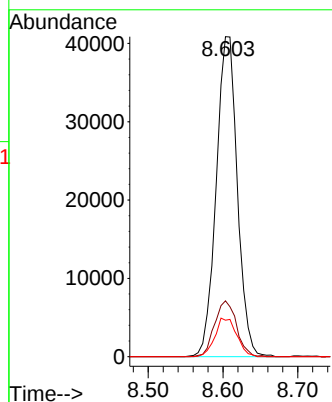
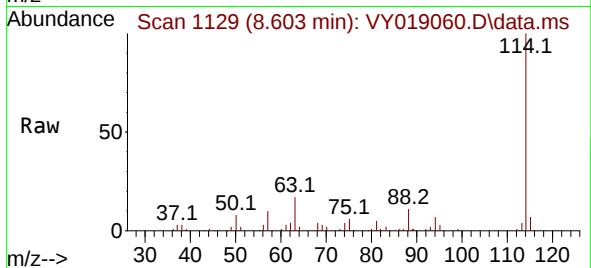
Tgt Ion:114 Resp: 80383

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 11.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.672 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY019060.D

Acq: 14 Aug 2024 15:50

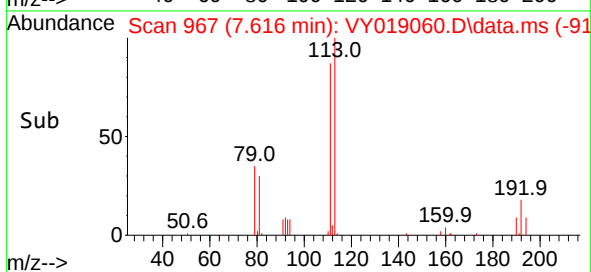
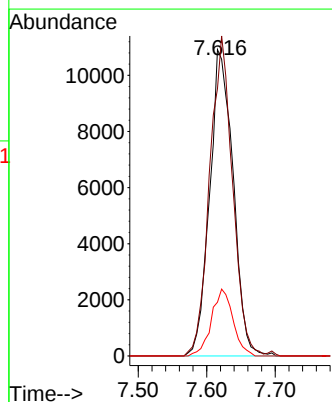
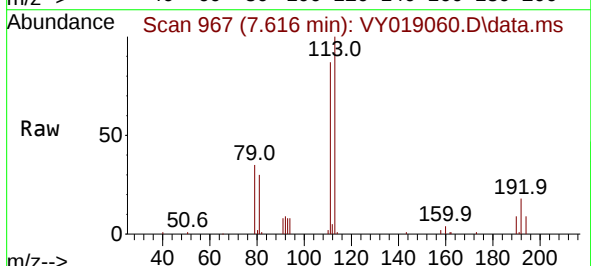
Tgt Ion:113 Resp: 26015

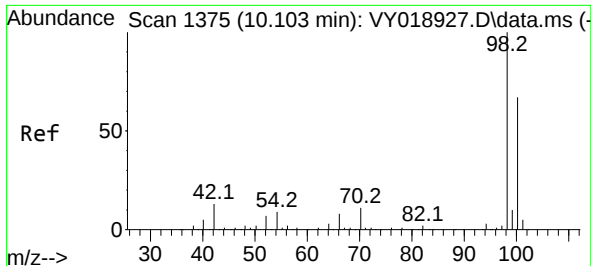
Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.4

192 20.1 15.9 23.9

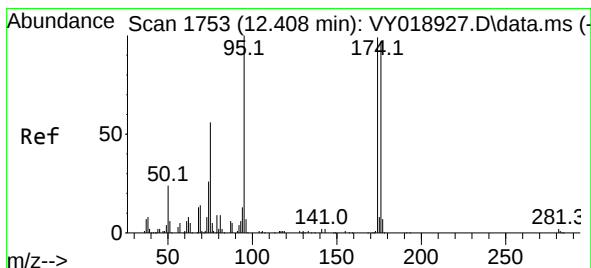
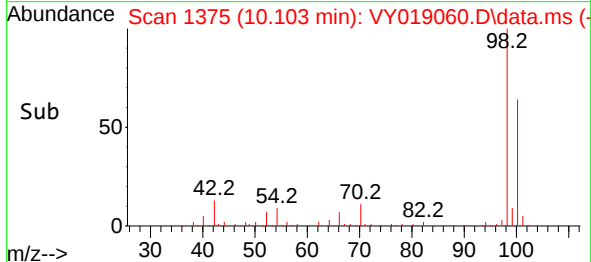
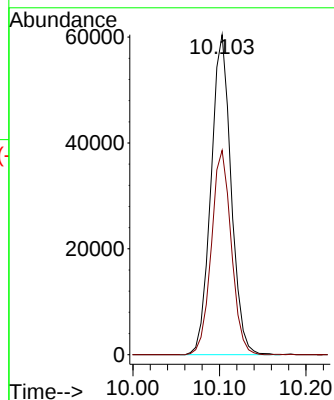
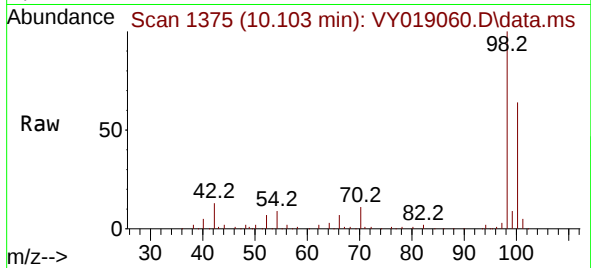




#50
Toluene-d8
Concen: 49.432 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019060.D
Acq: 14 Aug 2024 15:50

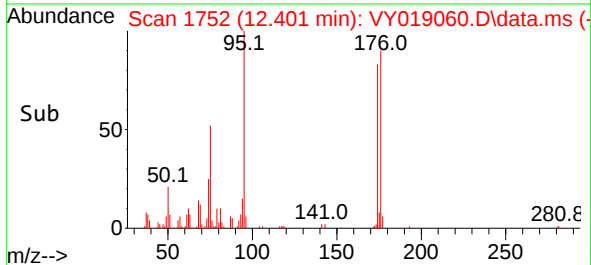
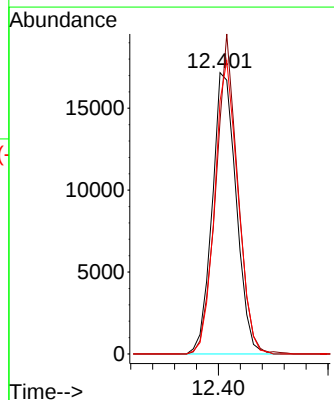
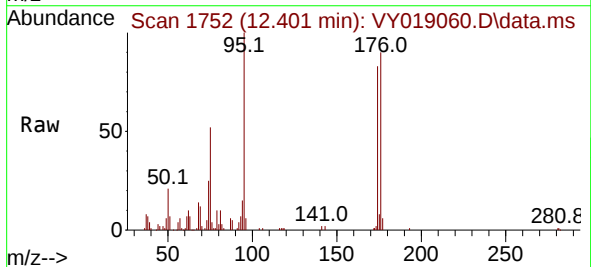
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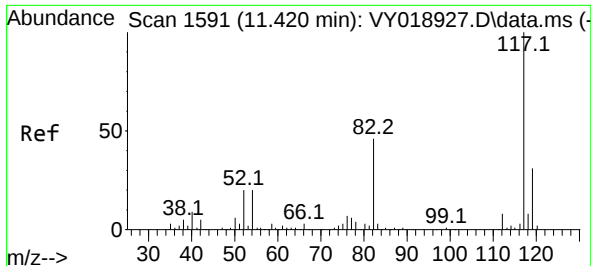
Tgt Ion: 98 Resp: 97479
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.735 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.007 min
Lab File: VY019060.D
Acq: 14 Aug 2024 15:50

Tgt Ion: 95 Resp: 26172
Ion Ratio Lower Upper
95 100
174 103.3 0.0 175.6
176 100.9 0.0 171.4

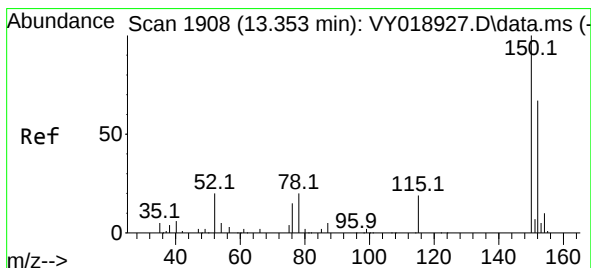
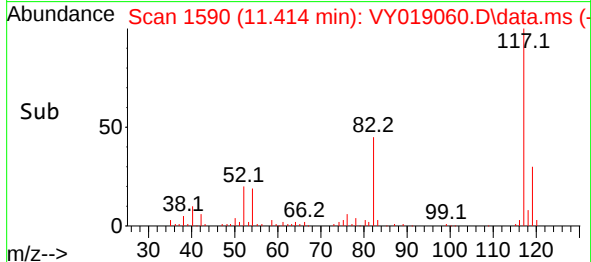
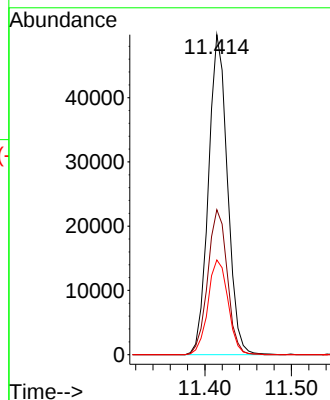
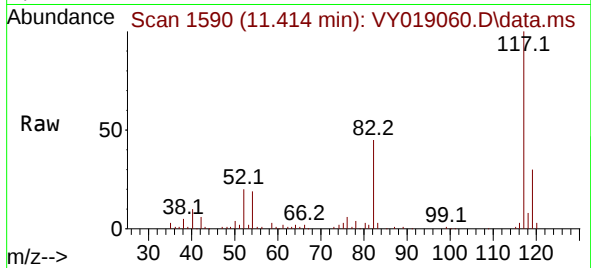




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019060.D
Acq: 14 Aug 2024 15:50

Instrument :
MSVOA_Y
ClientSampleId :
922-K1-SD-0.5-1-081224

Tgt Ion:117	Resp:	75855
Ion	Ratio	Lower Upper
117	100	
82	45.3	42.4 63.6
119	29.6	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY019060.D
Acq: 14 Aug 2024 15:50

Tgt Ion:152	Resp:	30890
Ion	Ratio	Lower Upper
152	100	
115	51.9	28.2 84.7
150	159.4	0.0 345.6

