

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019064.D
 Acq On : 14 Aug 2024 17:30
 Operator : SY/MD
 Sample : P3580-05
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 923-K1-SD-0-0.5-081224

Quant Time: Aug 14 21:48:56 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	7.689	168	18737	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.603	114	27351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	18692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	6394	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	6104	37.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.200%
35) Dibromofluoromethane	7.616	113	7965	45.596	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.200%
50) Toluene-d8	10.103	98	29780	44.383	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.760%
62) 4-Bromofluorobenzene	12.402	95	5661	28.438	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	56.880%

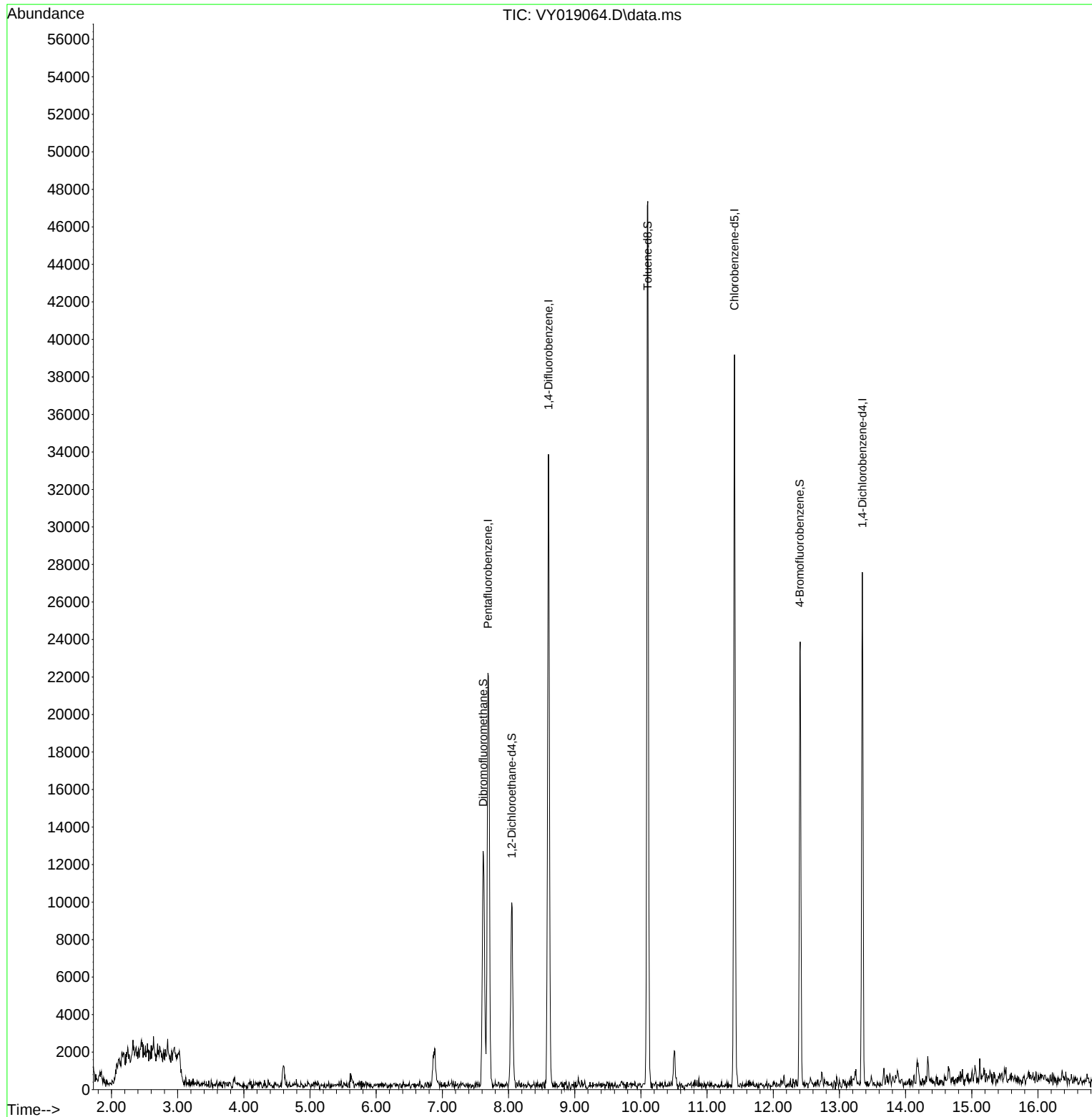
Target Compounds	Qvalue

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

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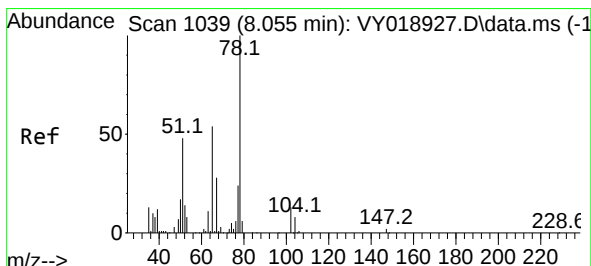
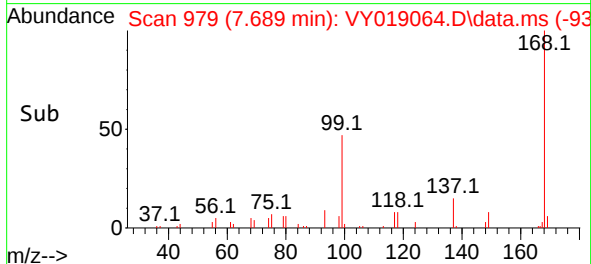
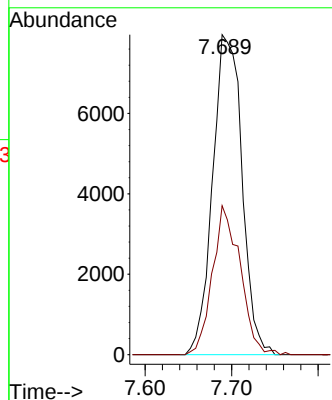
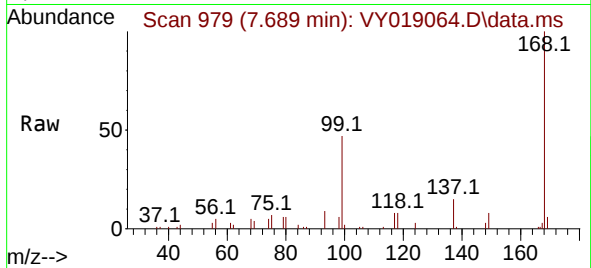




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY019064.D
Acq: 14 Aug 2024 17:30

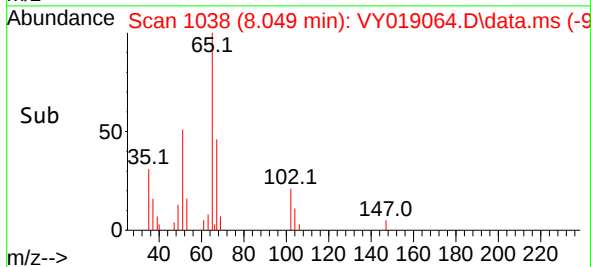
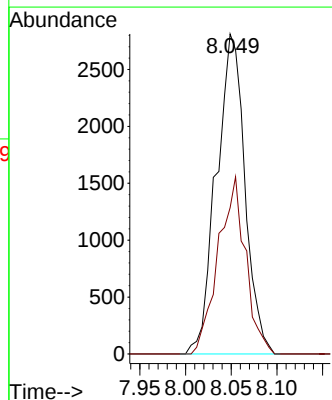
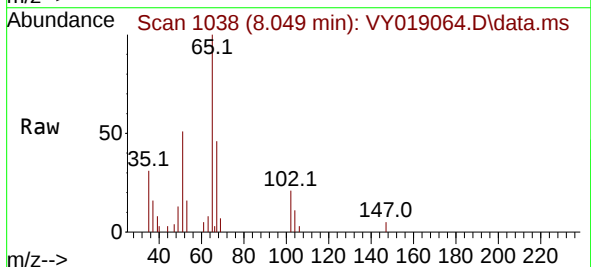
Instrument :
MSVOA_Y
ClientSampleId :
923-K1-SD-0-0.5-081224

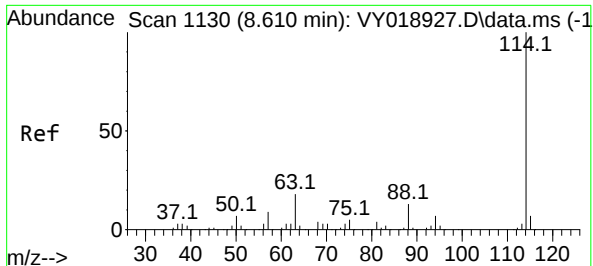
Tgt Ion:168 Resp: 18737
Ion Ratio Lower Upper
168 100
99 46.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 37.104 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019064.D
Acq: 14 Aug 2024 17:30

Tgt Ion: 65 Resp: 6104
Ion Ratio Lower Upper
65 100
67 53.1 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: VY019064.D

Acq: 14 Aug 2024 17:30

Instrument :

MSVOA_Y

ClientSampleId :

923-K1-SD-0-0.5-081224

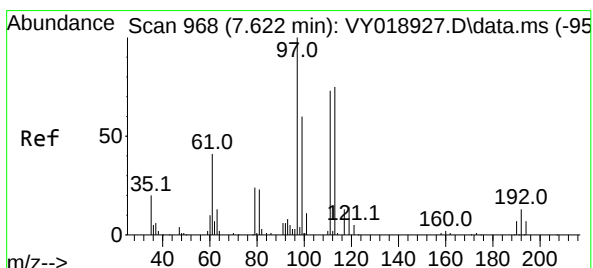
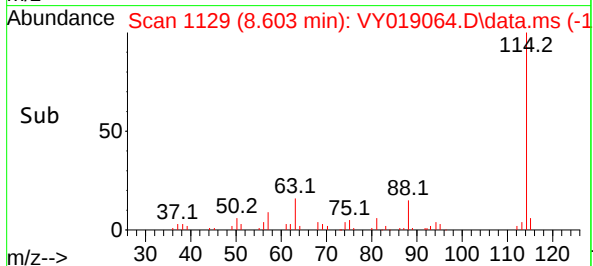
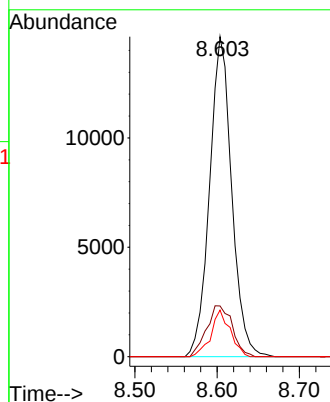
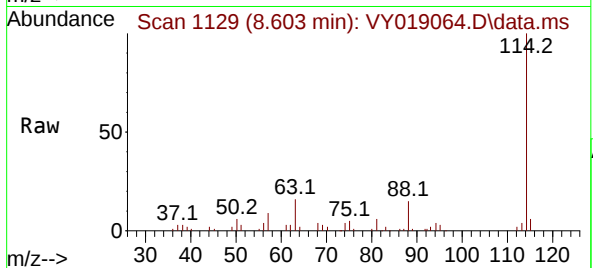
Tgt Ion:114 Resp: 27351

Ion Ratio Lower Upper

114 100

63 15.9 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 45.596 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY019064.D

Acq: 14 Aug 2024 17:30

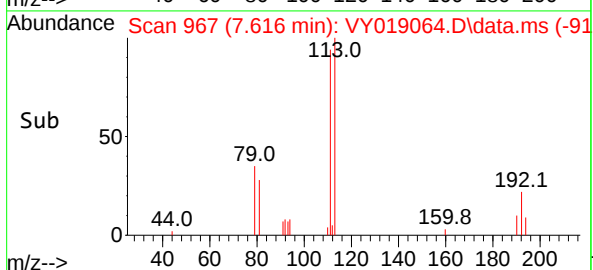
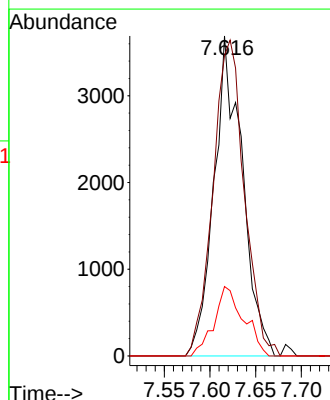
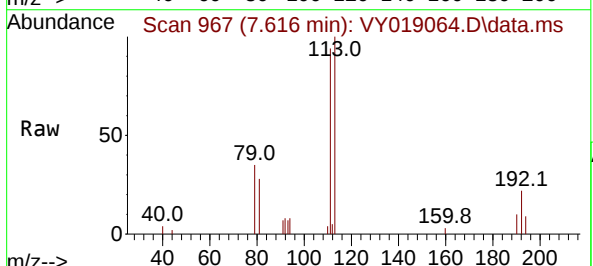
Tgt Ion:113 Resp: 7965

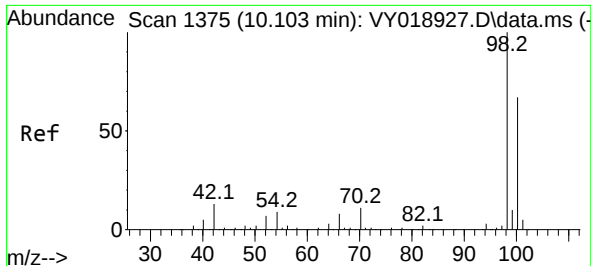
Ion Ratio Lower Upper

113 100

111 108.6 82.2 123.4

192 22.7 15.9 23.9

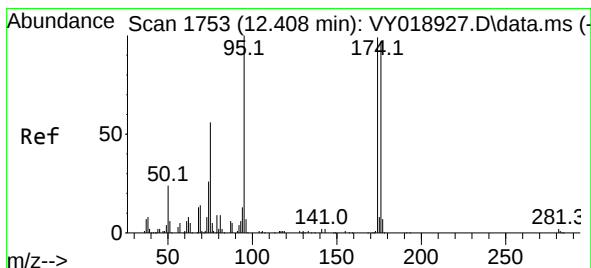
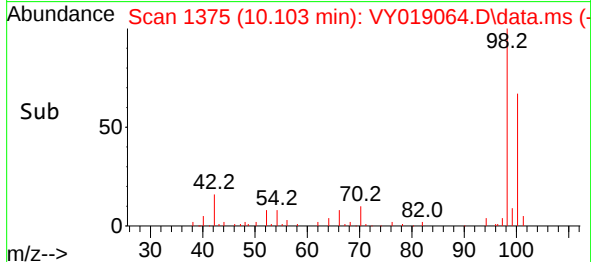
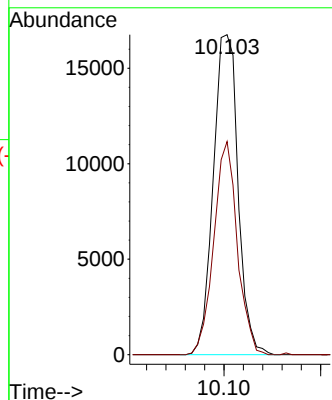
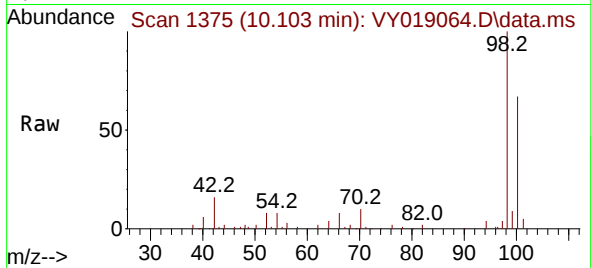




#50
Toluene-d8
Concen: 44.383 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019064.D
Acq: 14 Aug 2024 17:30

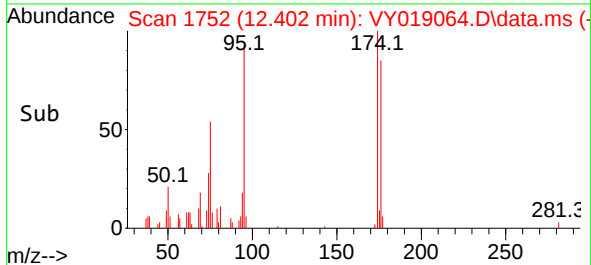
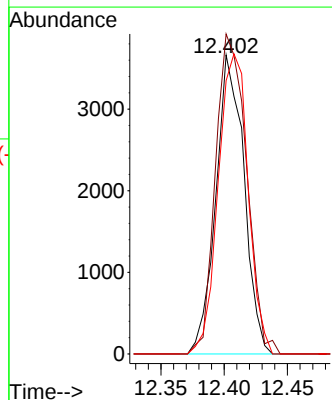
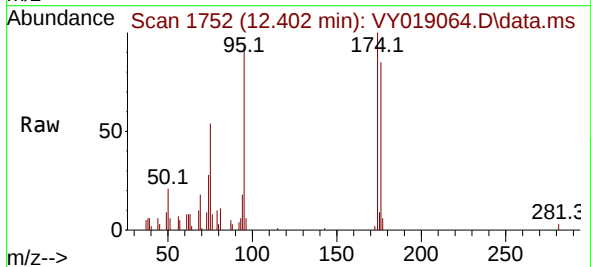
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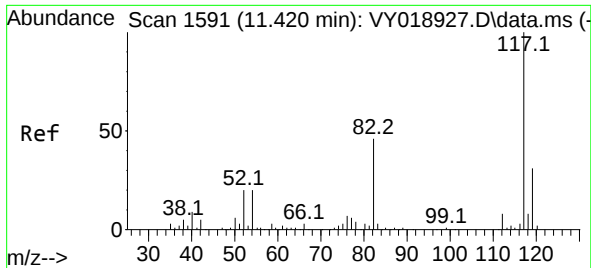
Tgt Ion: 98 Resp: 29780
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 28.438 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019064.D
Acq: 14 Aug 2024 17:30

Tgt Ion: 95 Resp: 5661
Ion Ratio Lower Upper
95 100
174 117.6 0.0 175.6
176 106.9 0.0 171.4

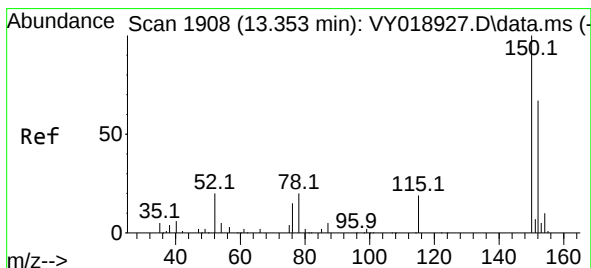
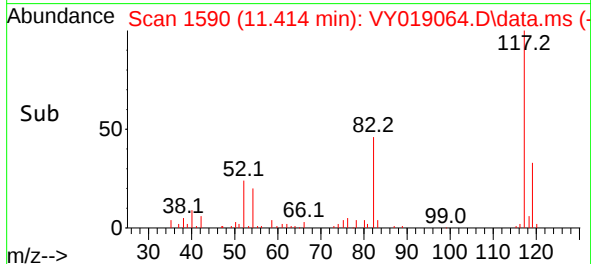
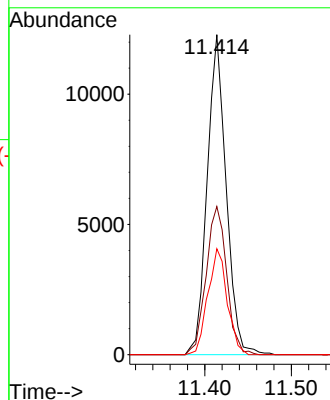
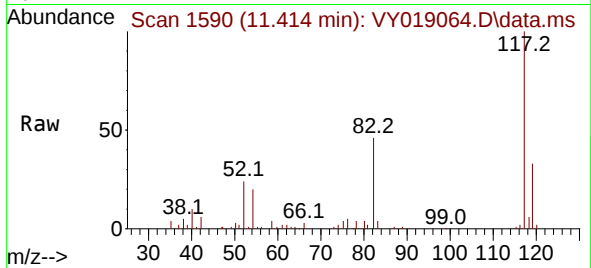




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019064.D
Acq: 14 Aug 2024 17:30

Instrument :
MSVOA_Y
ClientSampleId :
923-K1-SD-0-0.5-081224

Tgt Ion:117 Resp: 18692
Ion Ratio Lower Upper
117 100
82 46.3 42.4 63.6
119 33.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY019064.D
Acq: 14 Aug 2024 17:30

Tgt Ion:152 Resp: 6394
Ion Ratio Lower Upper
152 100
115 50.4 28.2 84.7
150 157.7 0.0 345.6

