

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019398.D
 Acq On : 30 Aug 2024 16:13
 Operator : SY/MD
 Sample : P3788-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-082924

Quant Time: Aug 30 23:16:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	29026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	43635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	33551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	8510	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	12005	43.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.340%
35) Dibromofluoromethane	7.622	113	13256	48.051	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.100%
50) Toluene-d8	10.103	98	45612	44.914	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.820%
62) 4-Bromofluorobenzene	12.408	95	10415	31.708	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	63.420%

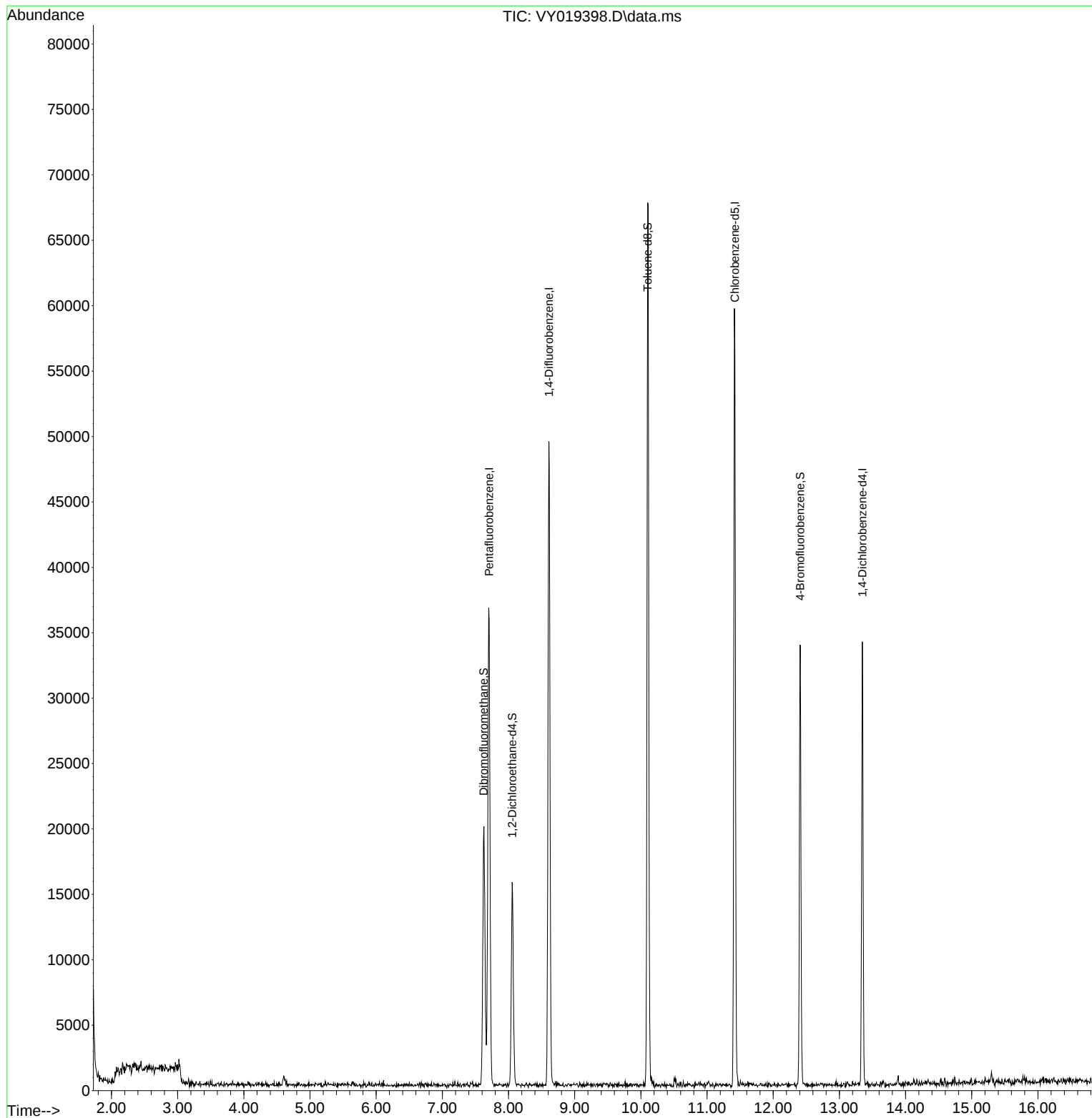
Target Compounds	Qvalue

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

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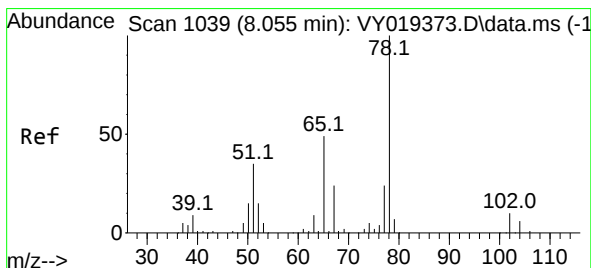
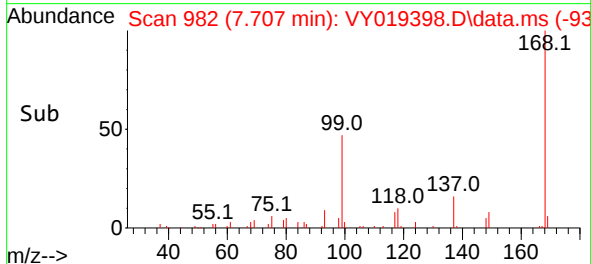
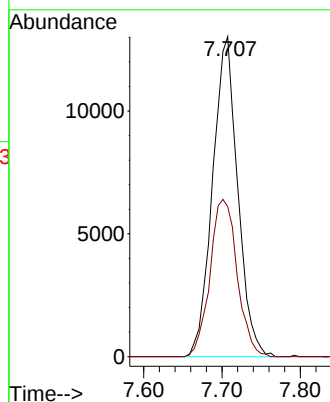
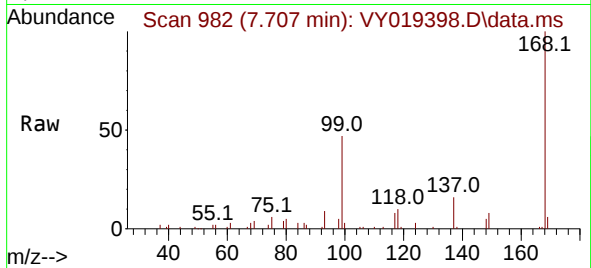




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019398.D
Acq: 30 Aug 2024 16:13

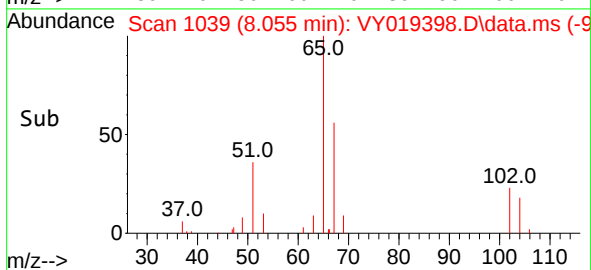
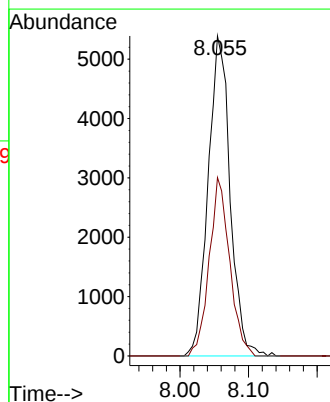
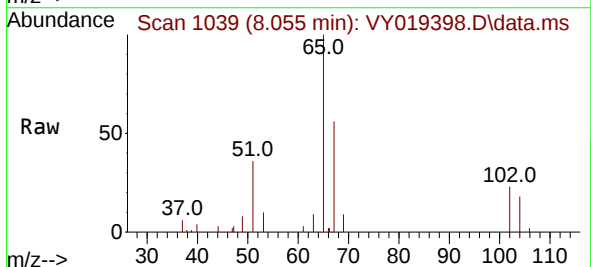
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-082924

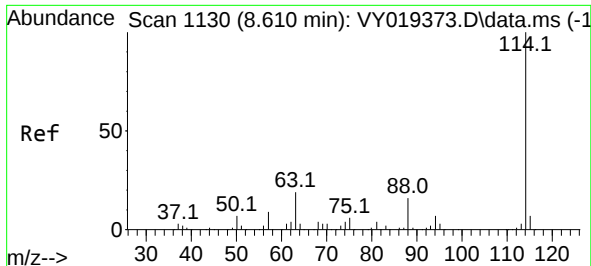
Tgt Ion:168 Resp: 29026
Ion Ratio Lower Upper
168 100
99 46.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 43.666 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019398.D
Acq: 30 Aug 2024 16:13

Tgt Ion: 65 Resp: 12005
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019398.D

Acq: 30 Aug 2024 16:13

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-082924

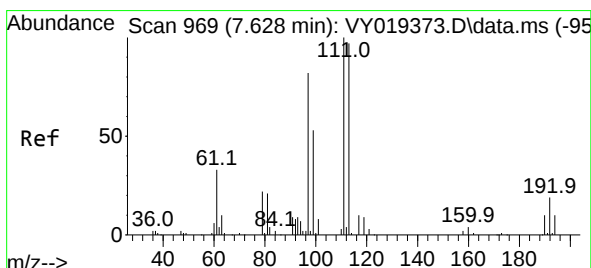
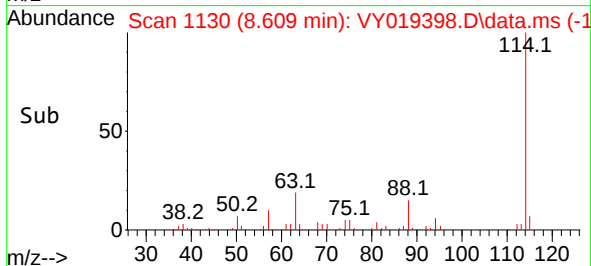
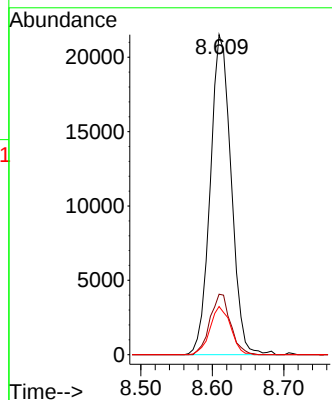
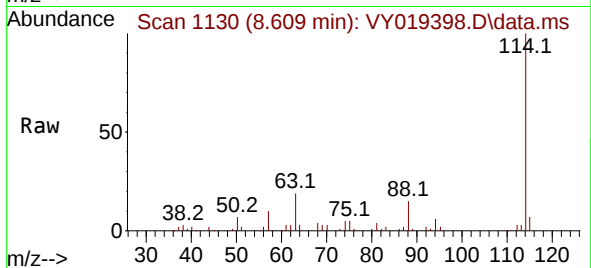
Tgt Ion:114 Resp: 43635

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.051 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY019398.D

Acq: 30 Aug 2024 16:13

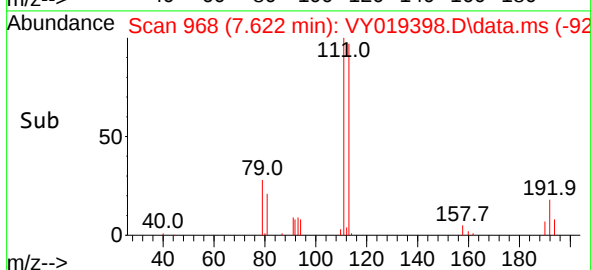
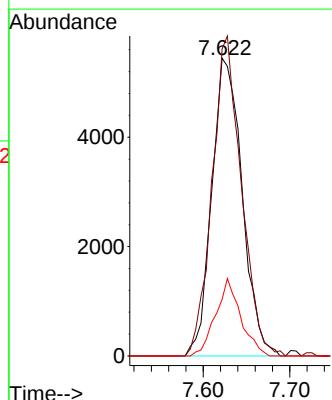
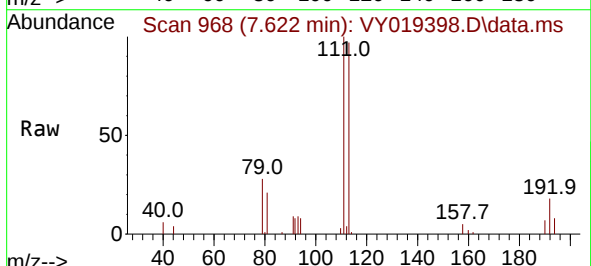
Tgt Ion:113 Resp: 13256

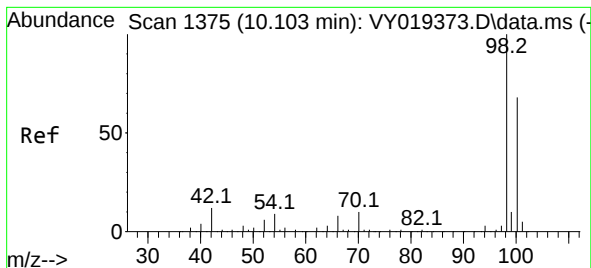
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 21.5 15.9 23.9





#50

Toluene-d8

Concen: 44.914 ug/l

RT: 10.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019398.D

Acq: 30 Aug 2024 16:13

Instrument :

MSVOA_Y

ClientSampleId :

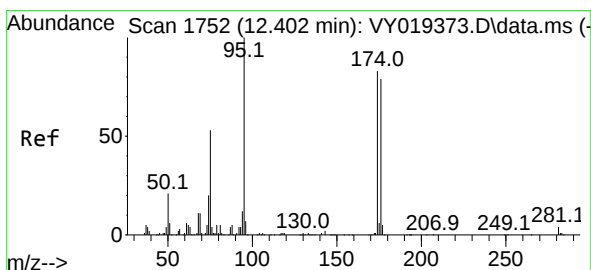
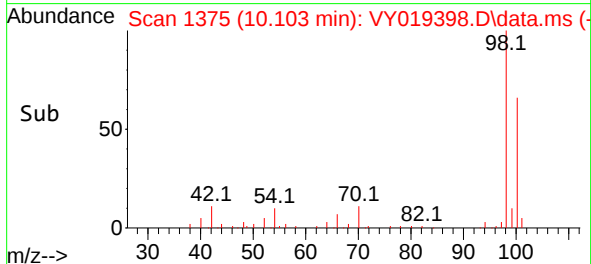
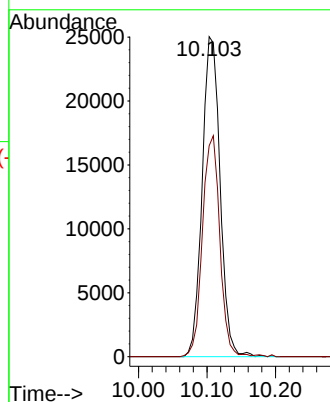
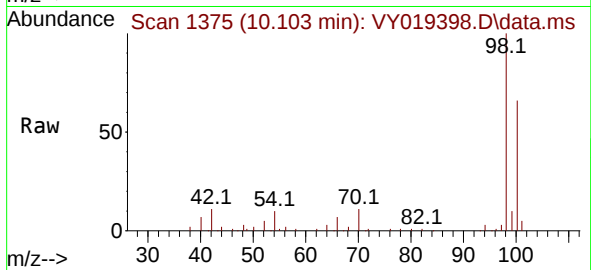
OR-02-082924

Tgt Ion: 98 Resp: 45612

Ion Ratio Lower Upper

98 100

100 66.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 31.708 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019398.D

Acq: 30 Aug 2024 16:13

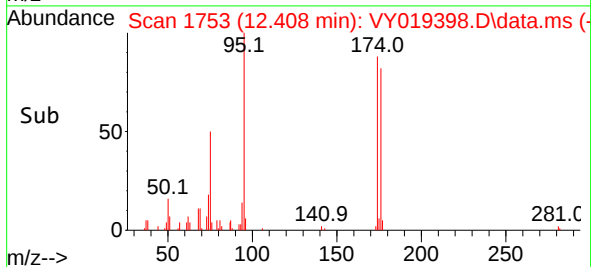
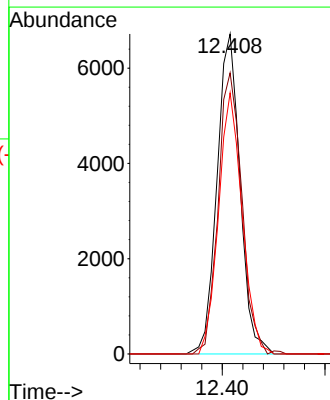
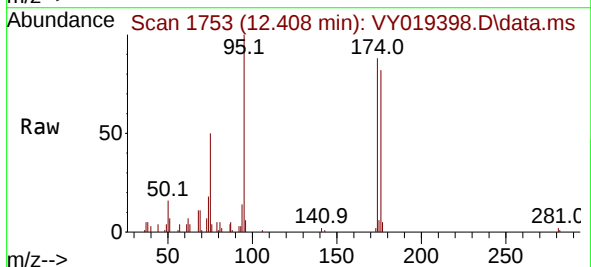
Tgt Ion: 95 Resp: 10415

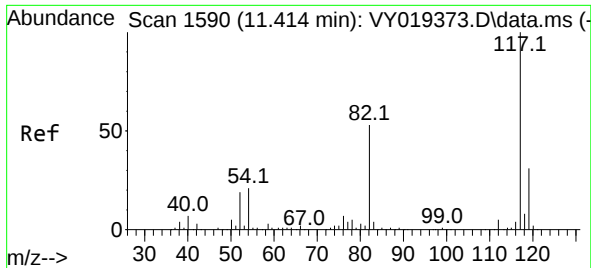
Ion Ratio Lower Upper

95 100

174 90.6 0.0 175.6

176 83.5 0.0 171.4

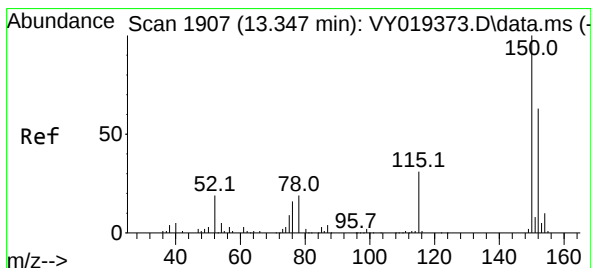
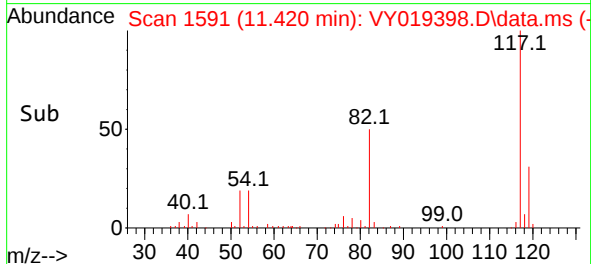
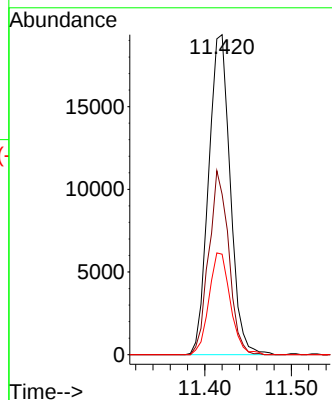
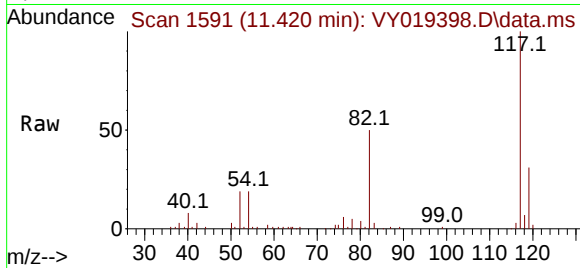




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019398.D
Acq: 30 Aug 2024 16:13

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-082924

Tgt Ion:117	Resp:	33551
Ion Ratio	Lower	Upper
117	100	
82	50.1	42.4 63.6
119	31.4	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY019398.D
Acq: 30 Aug 2024 16:13

Tgt Ion:152	Resp:	8510
Ion Ratio	Lower	Upper
152	100	
115	55.6	28.2 84.7
150	157.5	0.0 345.6

