

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019407.D
 Acq On : 30 Aug 2024 19:44
 Operator : SY/MD
 Sample : P3750-04RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 346RE

Quant Time: Aug 30 23:19:52 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	7.701	168	49450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	81710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	52363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	17737	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	22255	47.515	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.020%
35) Dibromofluoromethane	7.628	113	24996	48.386	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.780%
50) Toluene-d8	10.109	98	84405	44.384	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.760%
62) 4-Bromofluorobenzene	12.407	95	17141	27.868	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	55.740%

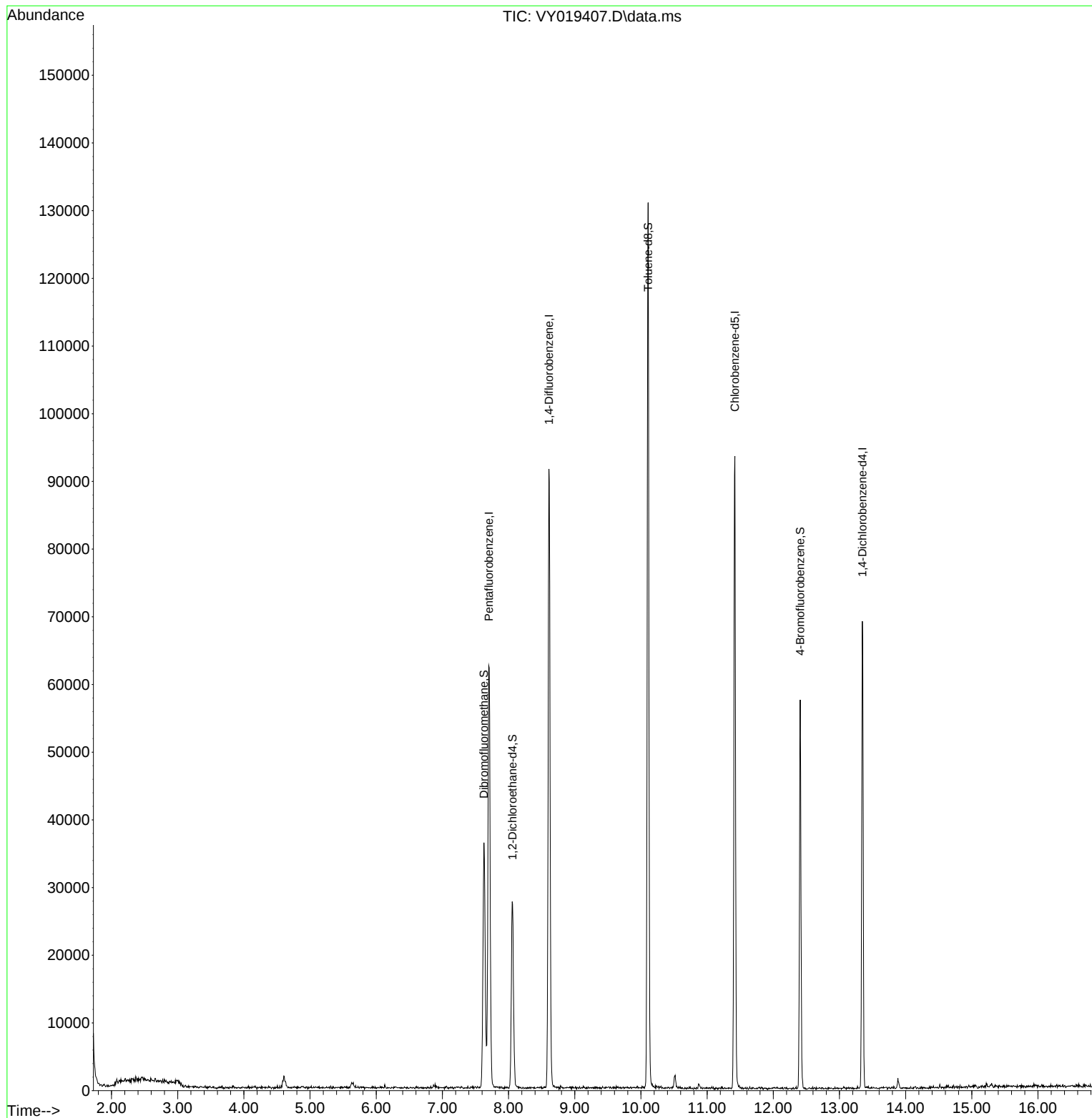
Target Compounds	Qvalue

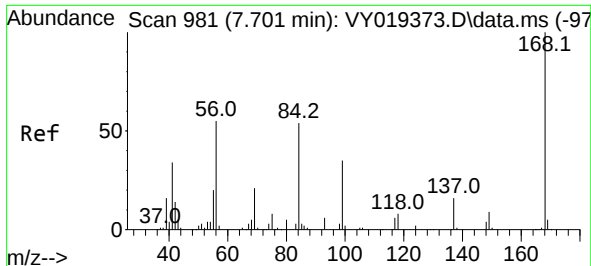
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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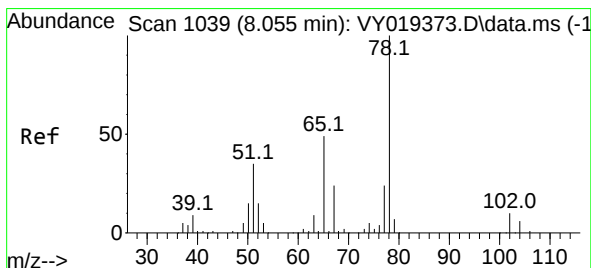
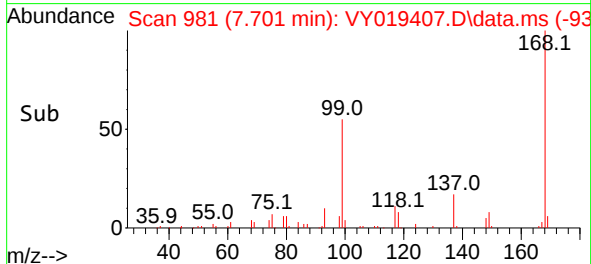
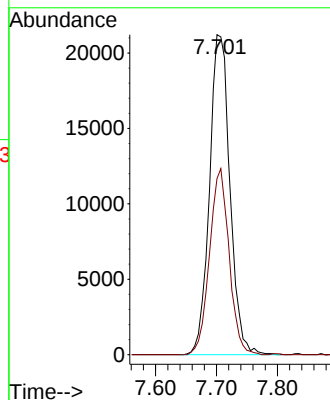
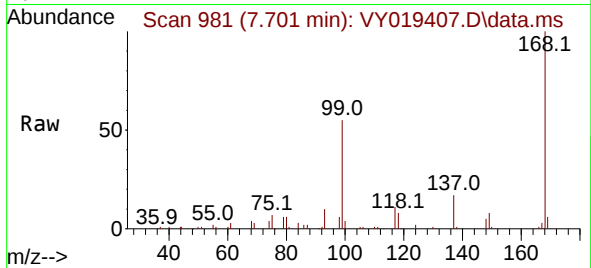




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019407.D
Acq: 30 Aug 2024 19:44

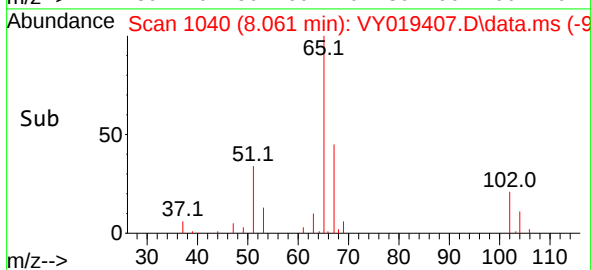
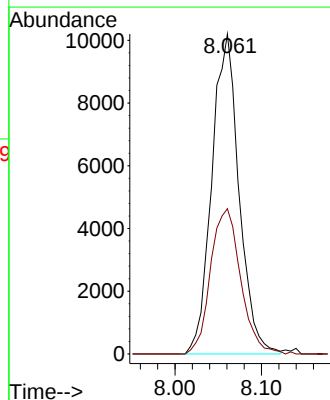
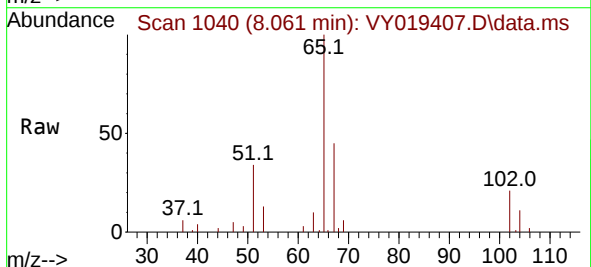
Instrument :
MSVOA_Y
ClientSampleId :
346RE

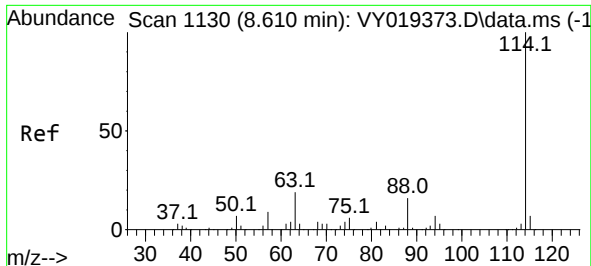
Tgt Ion:168 Resp: 49450
Ion Ratio Lower Upper
168 100
99 55.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.515 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY019407.D
Acq: 30 Aug 2024 19:44

Tgt Ion: 65 Resp: 22255
Ion Ratio Lower Upper
65 100
67 50.2 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: VY019407.D

Acq: 30 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

346RE

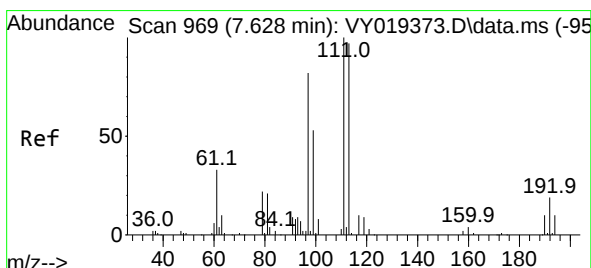
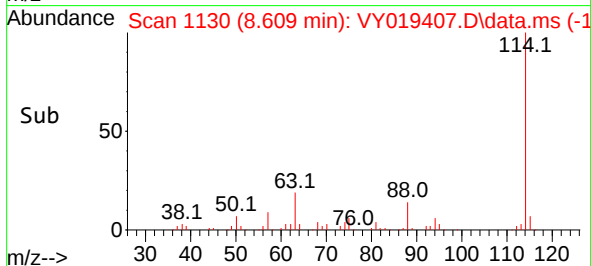
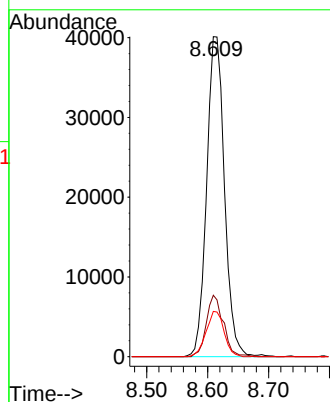
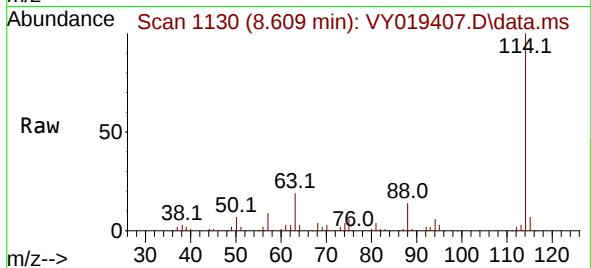
Tgt Ion:114 Resp: 81710

Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.386 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY019407.D

Acq: 30 Aug 2024 19:44

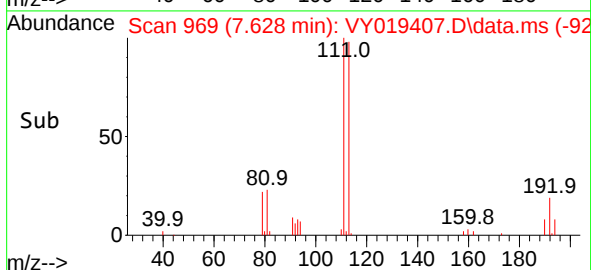
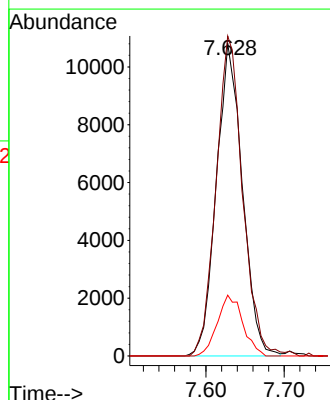
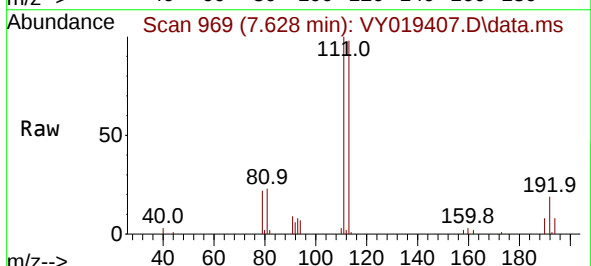
Tgt Ion:113 Resp: 24996

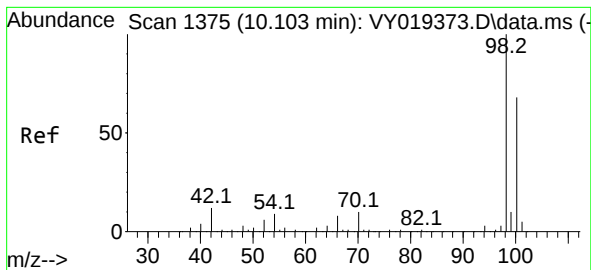
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

192 19.0 15.9 23.9





#50

Toluene-d8

Concen: 44.384 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019407.D

Acq: 30 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

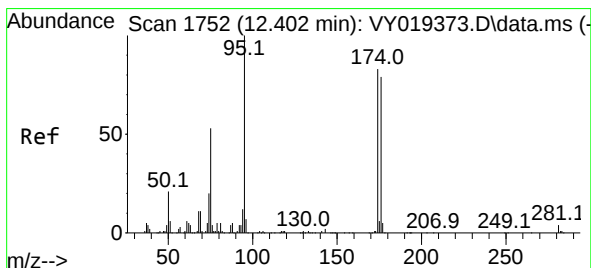
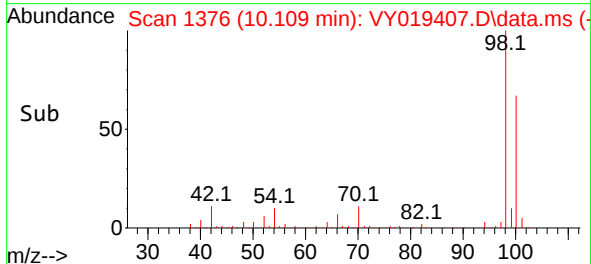
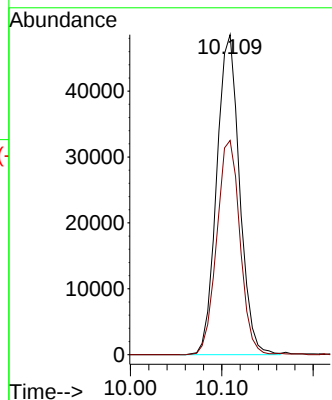
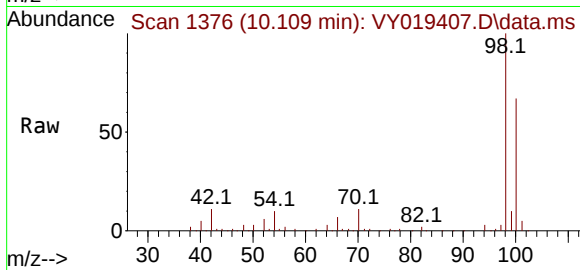
346RE

Tgt Ion: 98 Resp: 84405

Ion Ratio Lower Upper

98 100

100 68.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 27.868 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019407.D

Acq: 30 Aug 2024 19:44

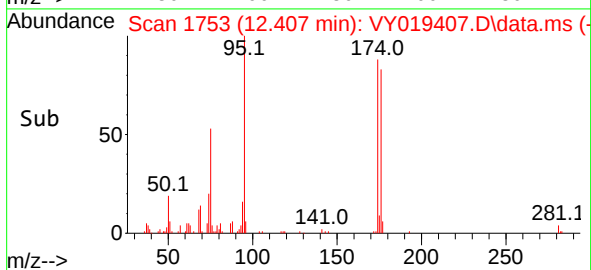
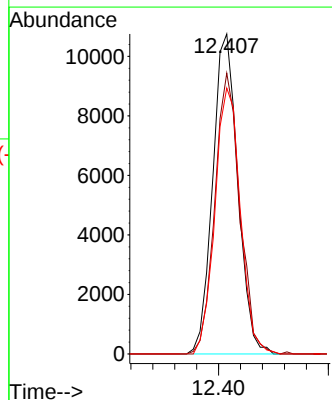
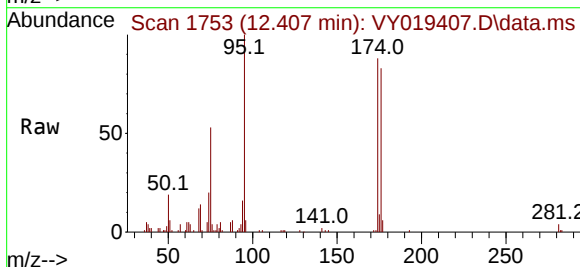
Tgt Ion: 95 Resp: 17141

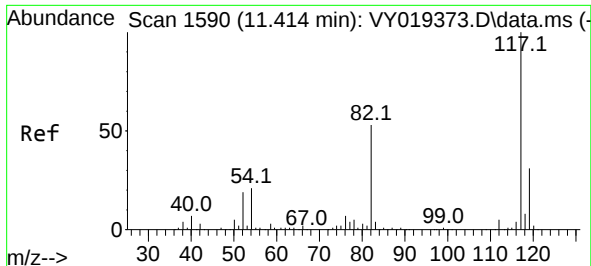
Ion Ratio Lower Upper

95 100

174 87.0 0.0 175.6

176 84.2 0.0 171.4

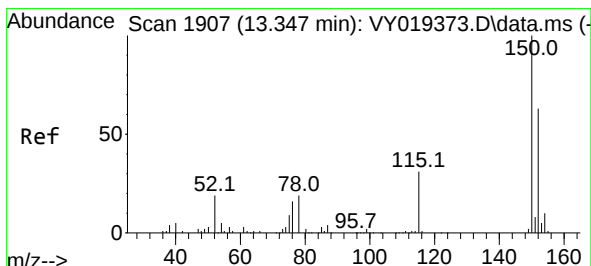
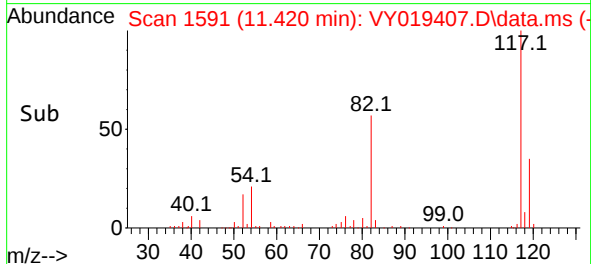
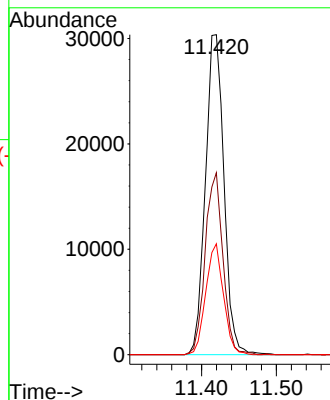
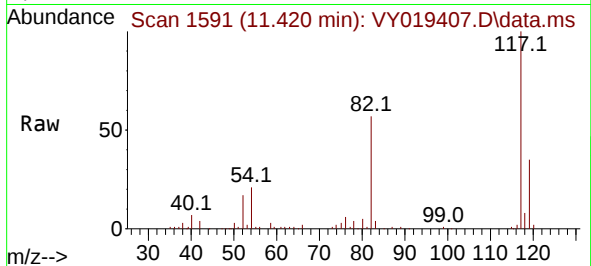




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019407.D
Acq: 30 Aug 2024 19:44

Instrument :
MSVOA_Y
ClientSampleId :
346RE

Tgt Ion:117 Resp: 52363
Ion Ratio Lower Upper
117 100
82 56.8 42.4 63.6
119 34.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY019407.D
Acq: 30 Aug 2024 19:44

Tgt Ion:152 Resp: 17737
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 155.8 0.0 345.6

