

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019359.D
 Acq On : 29 Aug 2024 05:29
 Operator : SY/MD
 Sample : P3750-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11978

Quant Time: Aug 29 06:01:33 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	57392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	96421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	82221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	18730	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	30765	53.476	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.960%
35) Dibromofluoromethane	7.628	113	31795	50.432	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.860%
50) Toluene-d8	10.103	98	104806	46.194	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.380%
62) 4-Bromofluorobenzene	12.407	95	22506	29.099	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	58.200%

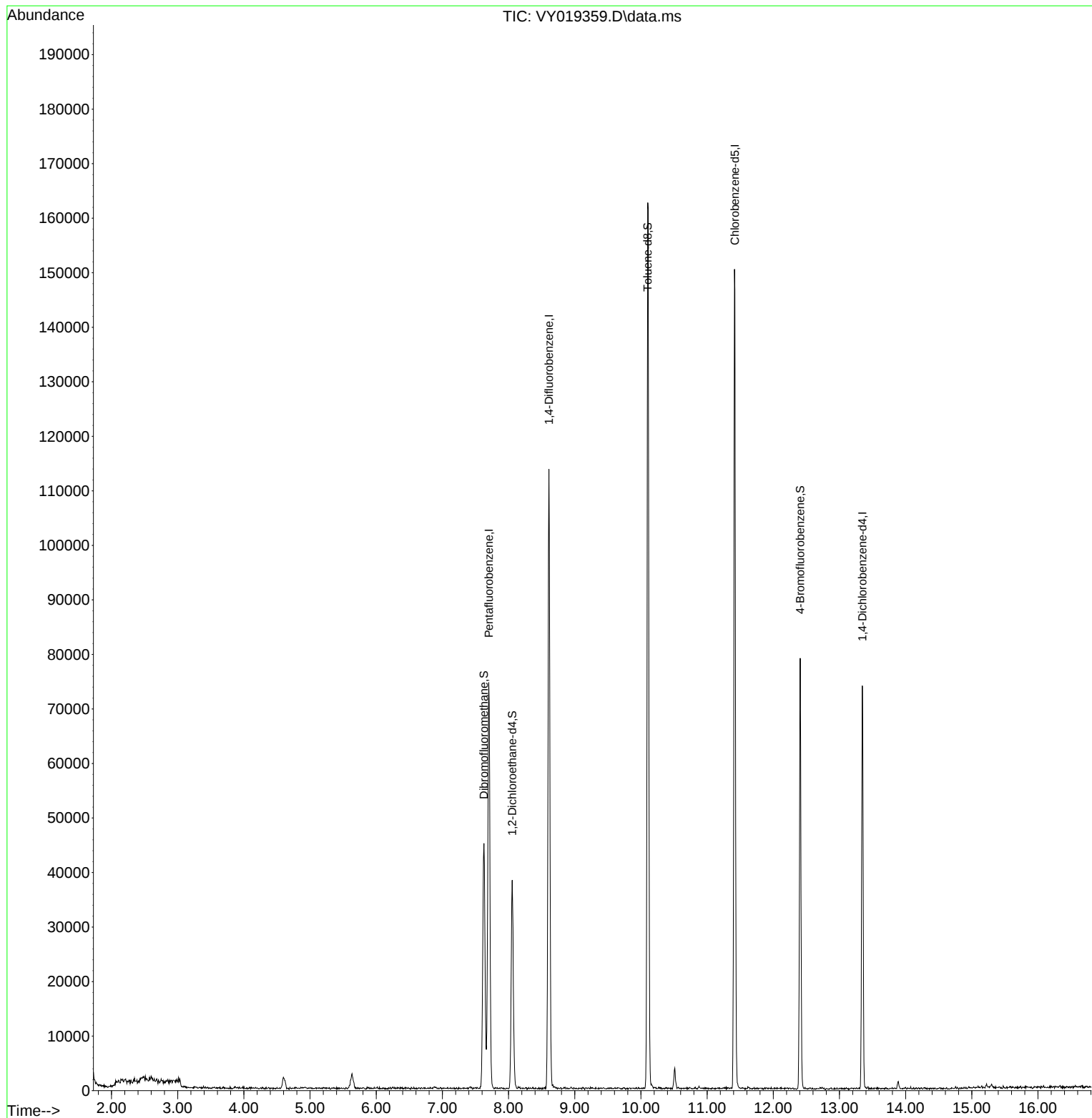
Target Compounds	Qvalue

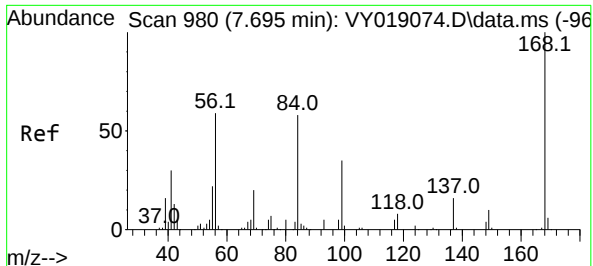
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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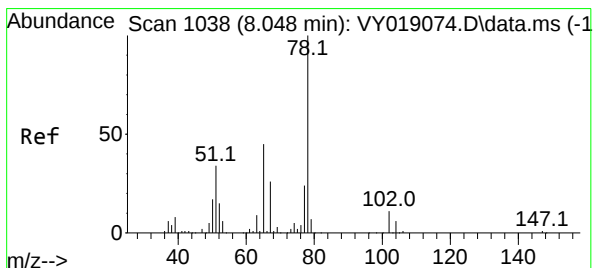
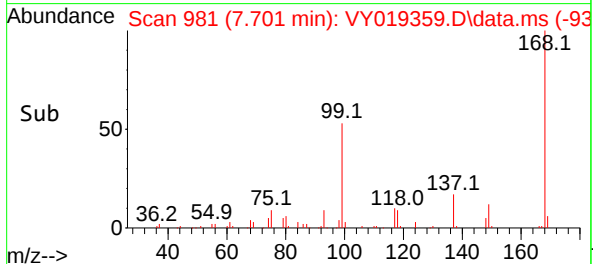
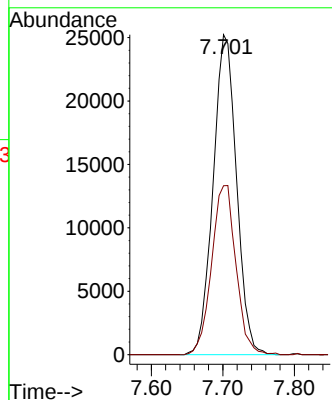
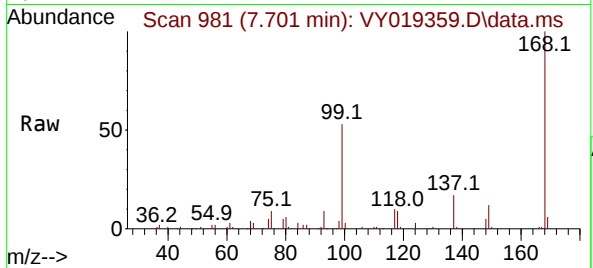




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019359.D
Acq: 29 Aug 2024 05:29

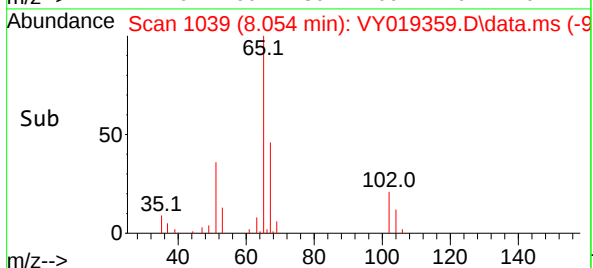
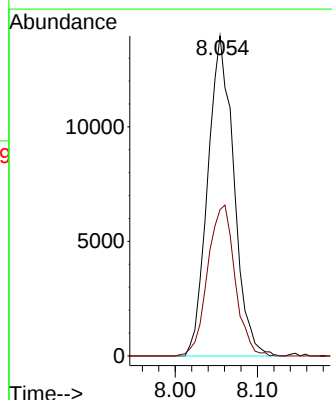
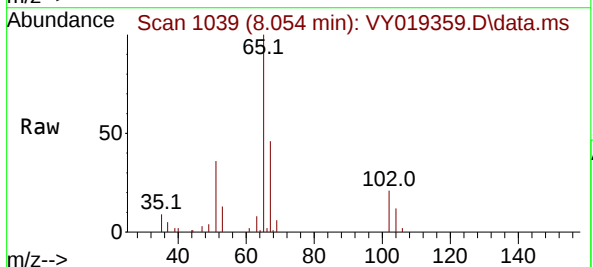
Instrument :
MSVOA_Y
ClientSampleId :
72-11978

Tgt Ion:168 Resp: 57392
Ion Ratio Lower Upper
168 100
99 52.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.476 ug/l
RT: 8.054 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019359.D
Acq: 29 Aug 2024 05:29

Tgt Ion: 65 Resp: 30765
Ion Ratio Lower Upper
65 100
67 49.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019359.D

Acq: 29 Aug 2024 05:29

Instrument :

MSVOA_Y

ClientSampleId :

72-11978

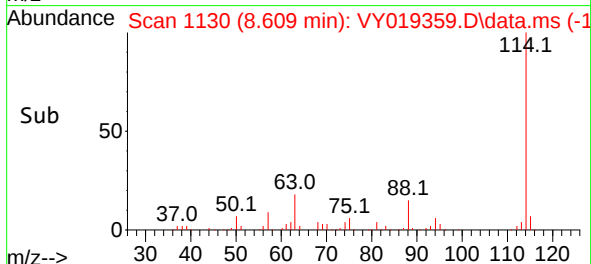
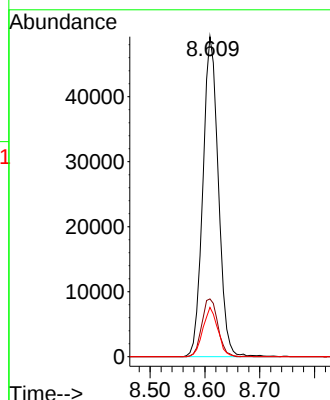
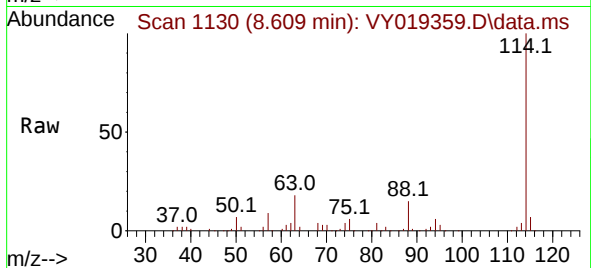
Tgt Ion:114 Resp: 96421

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 15.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.432 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019359.D

Acq: 29 Aug 2024 05:29

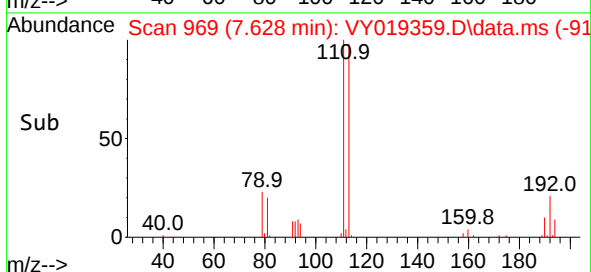
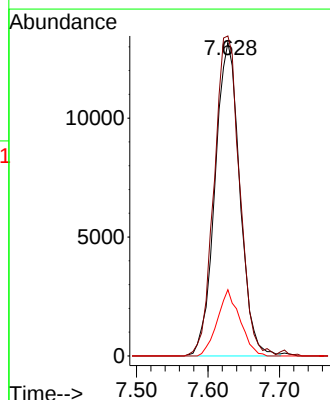
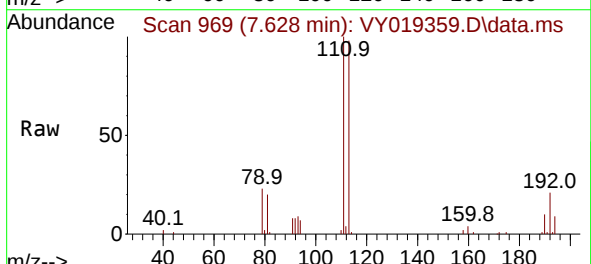
Tgt Ion:113 Resp: 31795

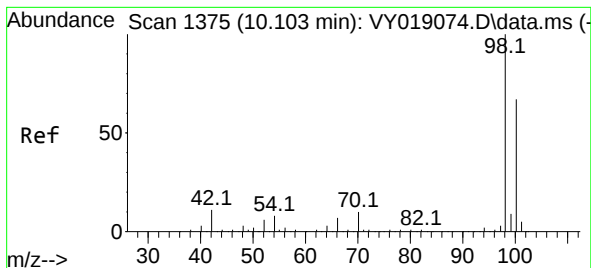
Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.4

192 19.3 15.9 23.9





#50

Toluene-d8

Concen: 46.194 ug/l

RT: 10.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019359.D

Acq: 29 Aug 2024 05:29

Instrument :

MSVOA_Y

ClientSampleId :

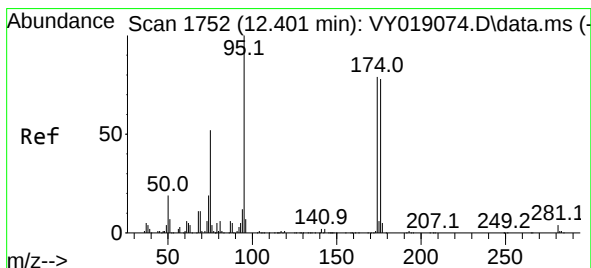
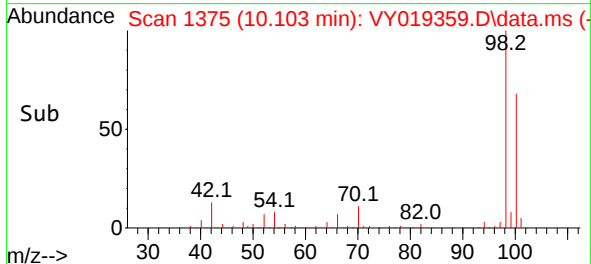
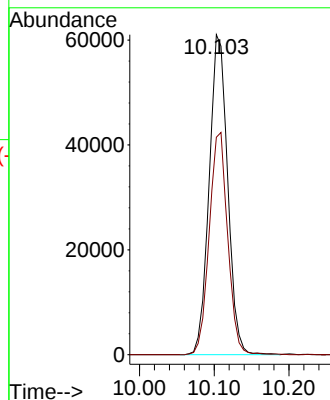
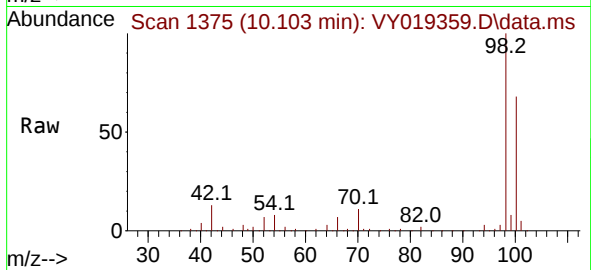
72-11978

Tgt Ion: 98 Resp: 104806

Ion Ratio Lower Upper

98 100

100 69.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 29.099 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019359.D

Acq: 29 Aug 2024 05:29

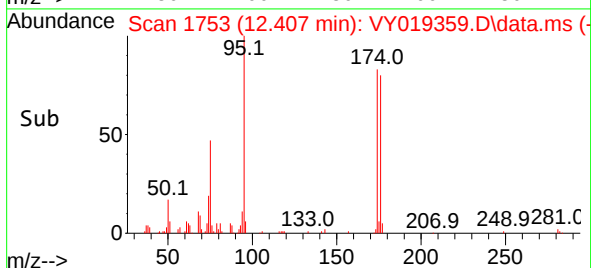
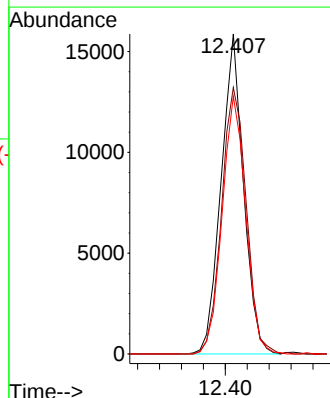
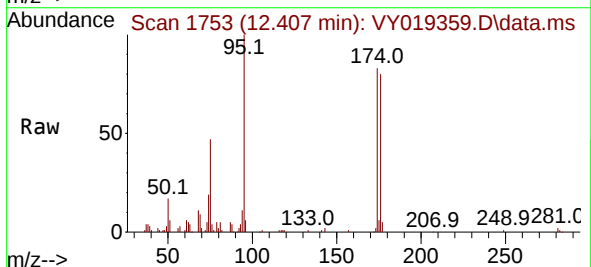
Tgt Ion: 95 Resp: 22506

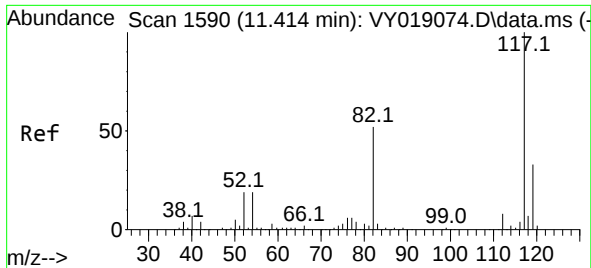
Ion Ratio Lower Upper

95 100

174 91.7 0.0 175.6

176 84.9 0.0 171.4

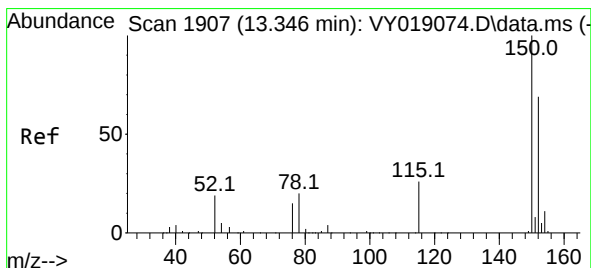
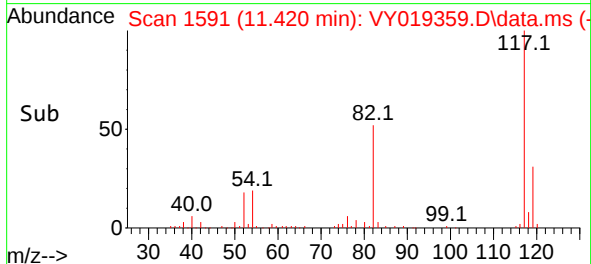
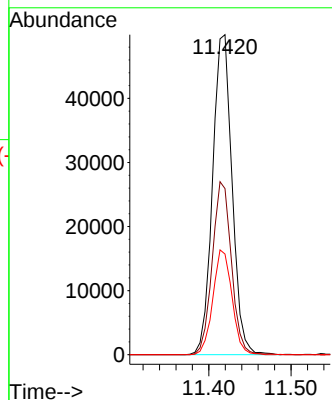
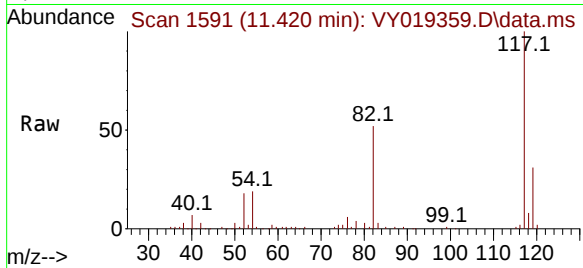




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019359.D
Acq: 29 Aug 2024 05:29

Instrument :
MSVOA_Y
ClientSampleId :
72-11978

Tgt Ion:117 Resp: 82221
Ion Ratio Lower Upper
117 100
82 51.9 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: VY019359.D
Acq: 29 Aug 2024 05:29

Tgt Ion:152 Resp: 18730
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 153.3 0.0 345.6

