

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019062.D
 Acq On : 14 Aug 2024 16:40
 Operator : SY/MD
 Sample : P3512-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 931-K1-SD-0-0.5-080724

Quant Time: Aug 14 21:48:15 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	51655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	87390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	75037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	29868	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	23296	51.366	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.740%
35) Dibromofluoromethane	7.616	113	28013	50.189	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.380%
50) Toluene-d8	10.103	98	102554	47.836	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.680%
62) 4-Bromofluorobenzene	12.408	95	25286	39.755	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	79.520%

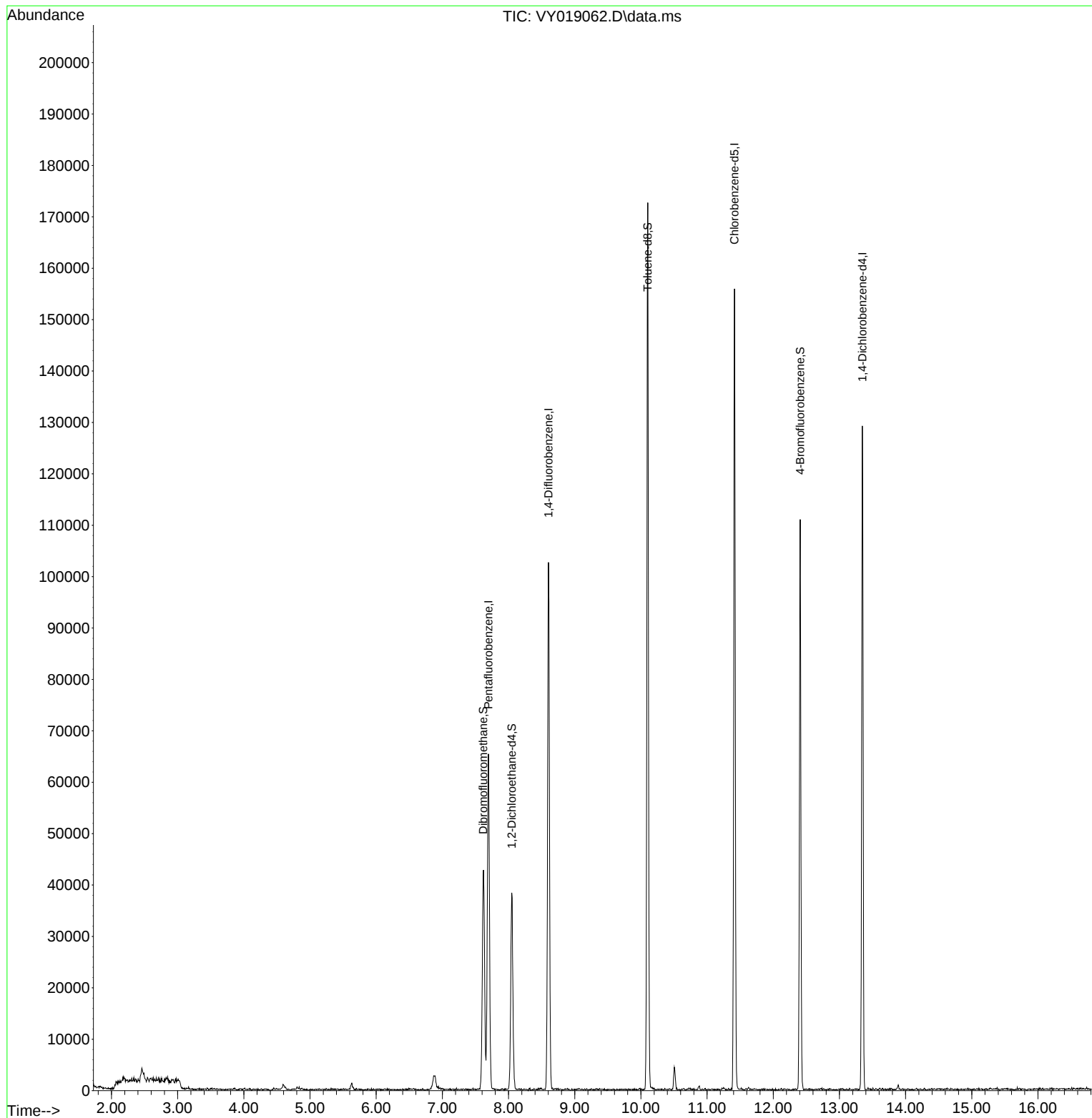
Target Compounds	Qvalue

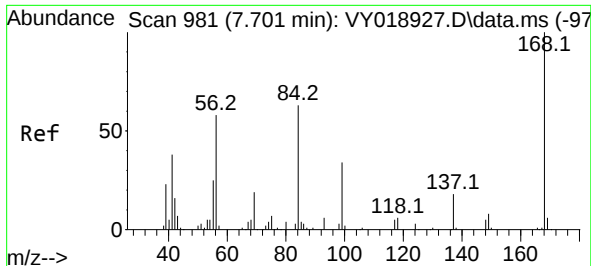
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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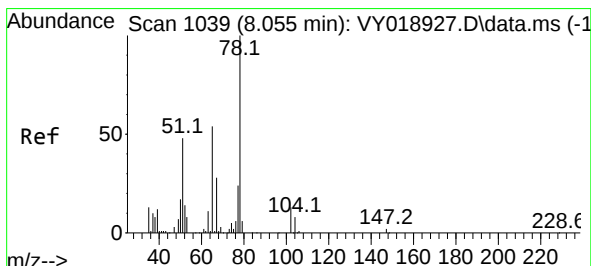
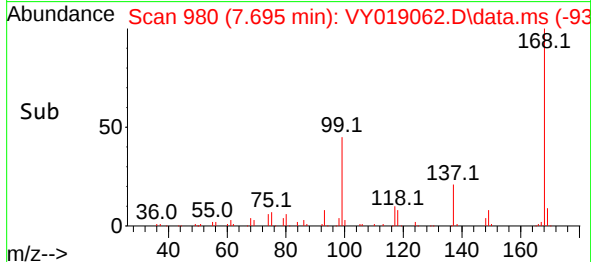
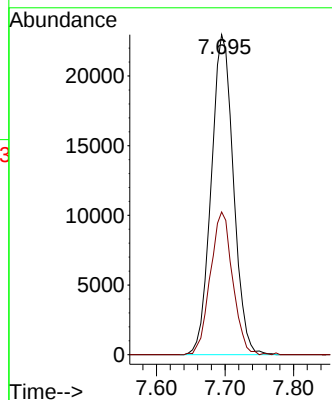
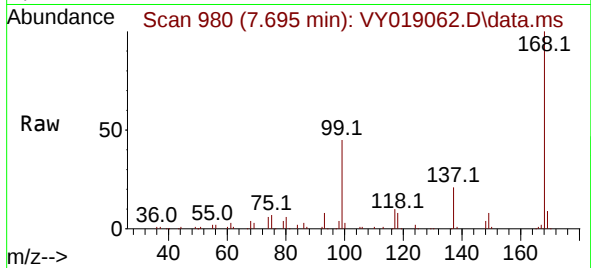




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019062.D
Acq: 14 Aug 2024 16:40

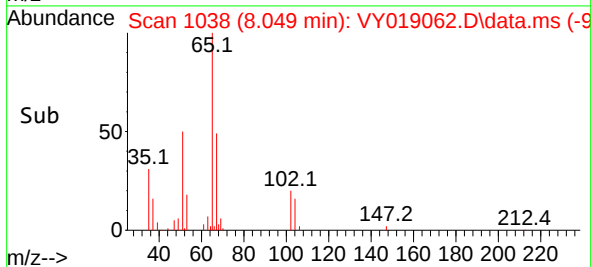
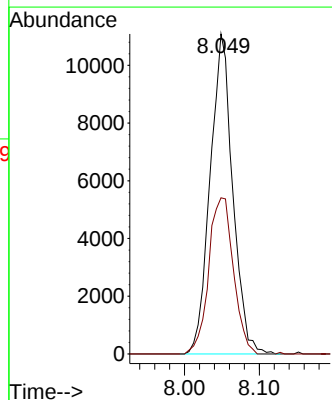
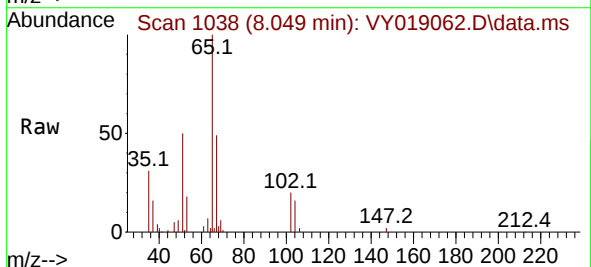
Instrument :
MSVOA_Y
ClientSampleId :
931-K1-SD-0-0.5-080724

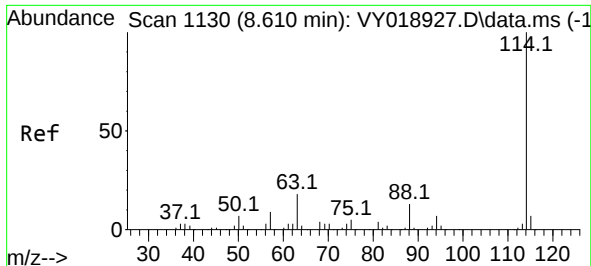
Tgt Ion:168 Resp: 51655
Ion Ratio Lower Upper
168 100
99 44.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.366 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019062.D
Acq: 14 Aug 2024 16:40

Tgt Ion: 65 Resp: 23296
Ion Ratio Lower Upper
65 100
67 53.4 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: VY019062.D

Acq: 14 Aug 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

931-K1-SD-0-0.5-080724

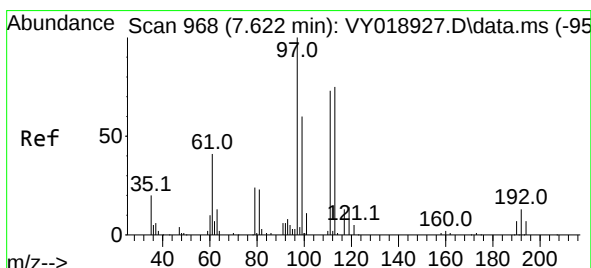
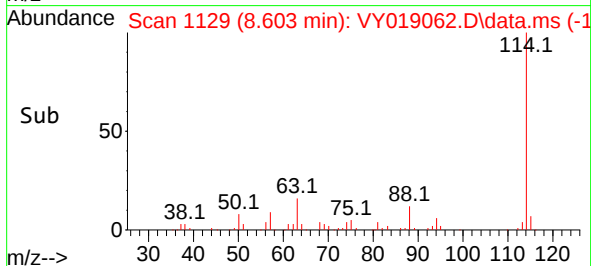
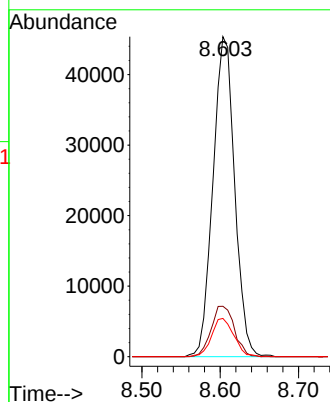
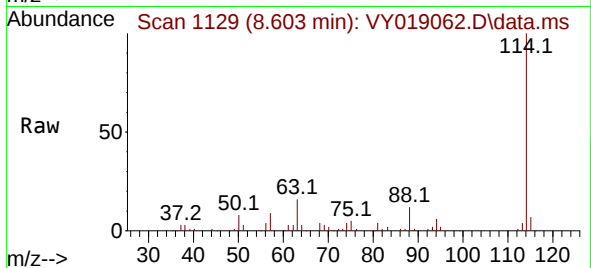
Tgt Ion:114 Resp: 87390

Ion Ratio Lower Upper

114 100

63 15.8 0.0 35.0

88 12.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.189 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY019062.D

Acq: 14 Aug 2024 16:40

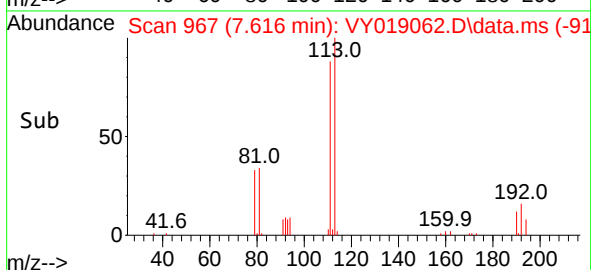
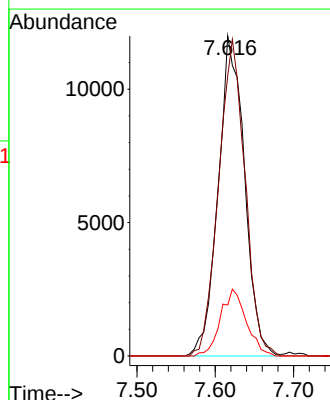
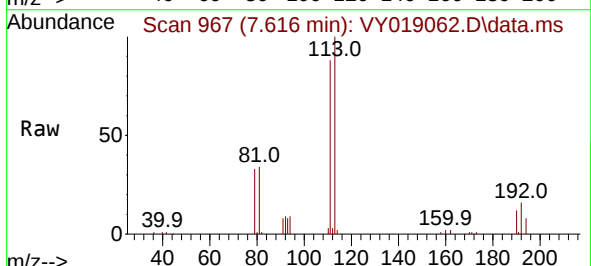
Tgt Ion:113 Resp: 28013

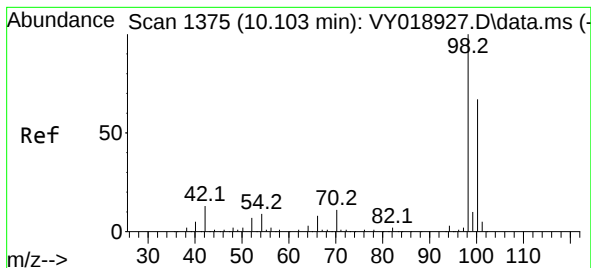
Ion Ratio Lower Upper

113 100

111 99.0 82.2 123.4

192 20.5 15.9 23.9





#50

Toluene-d8

Concen: 47.836 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019062.D

Acq: 14 Aug 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

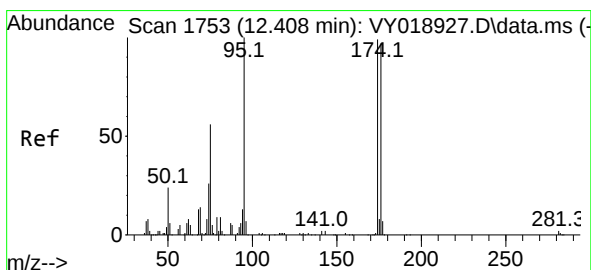
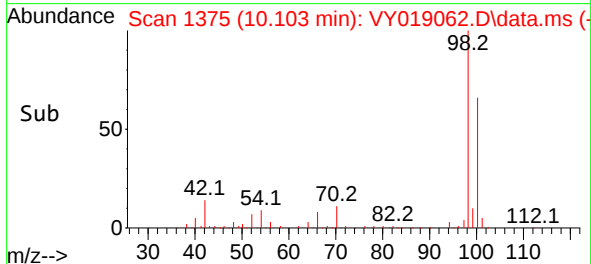
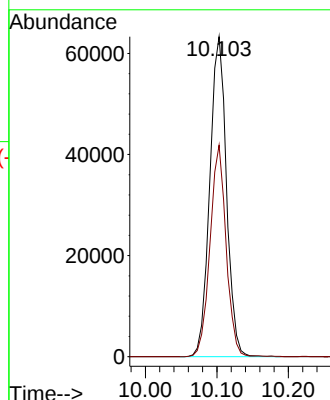
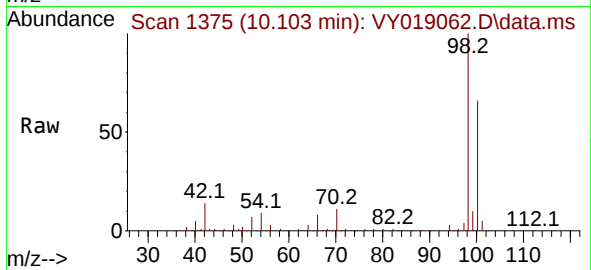
931-K1-SD-0-0.5-080724

Tgt Ion: 98 Resp: 102554

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 39.755 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY019062.D

Acq: 14 Aug 2024 16:40

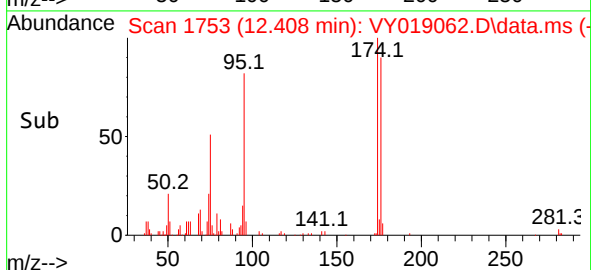
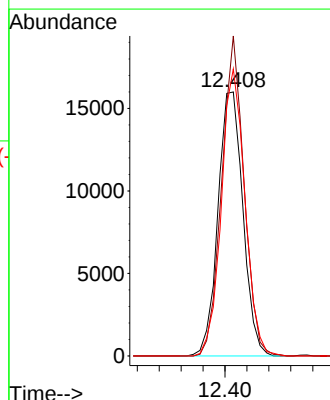
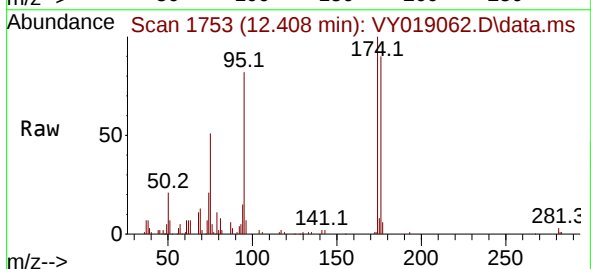
Tgt Ion: 95 Resp: 25286

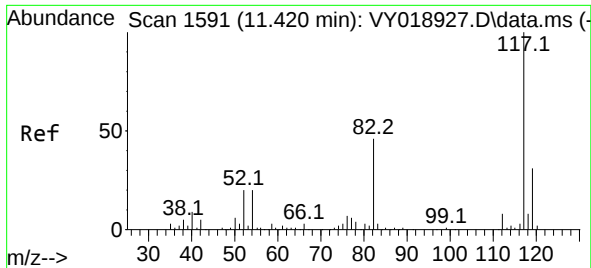
Ion Ratio Lower Upper

95 100

174 108.5 0.0 175.6

176 102.9 0.0 171.4

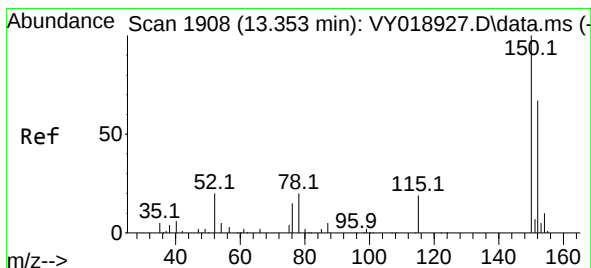
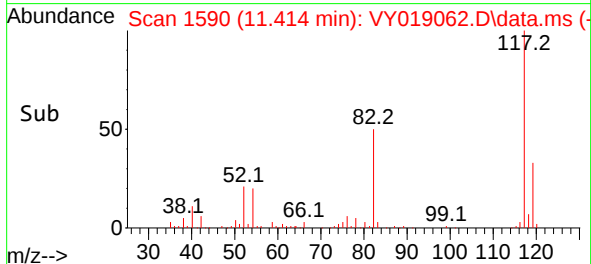
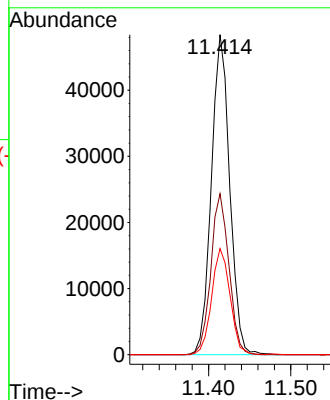
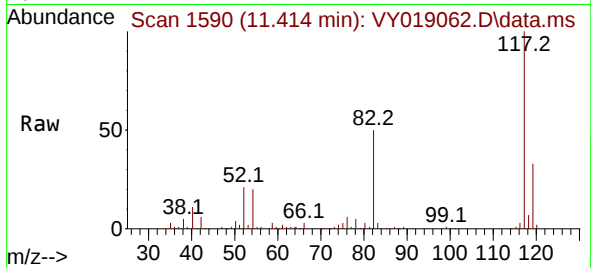




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019062.D
Acq: 14 Aug 2024 16:40

Instrument :
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Tgt Ion:117 Resp: 75037
Ion Ratio Lower Upper
117 100
82 50.3 42.4 63.6
119 33.1 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: VY019062.D
Acq: 14 Aug 2024 16:40

Tgt Ion:152 Resp: 29868
Ion Ratio Lower Upper
152 100
115 51.7 28.2 84.7
150 153.6 0.0 345.6

