

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019149.D
 Acq On : 20 Aug 2024 14:28
 Operator : SY/MD
 Sample : P3634-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-08152024RE

Quant Time: Aug 20 15:14:07 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	35304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	54589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	38399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	12325	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	12310	34.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	69.560%
35) Dibromofluoromethane	7.622	113	16768	46.978	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.960%
50) Toluene-d8	10.103	98	56742	44.175	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.340%
62) 4-Bromofluorobenzene	12.408	95	13249	30.257	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	60.520%

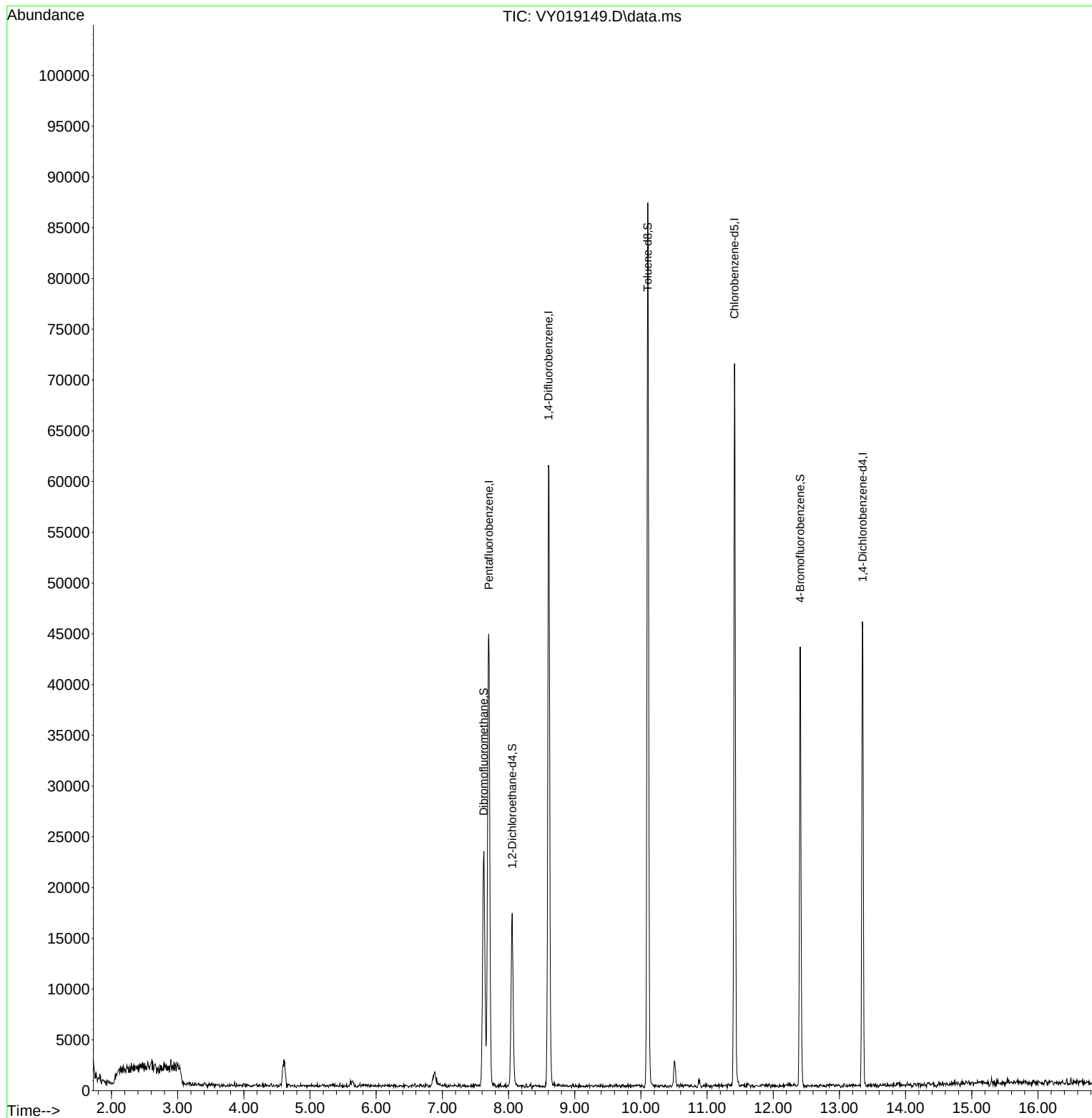
Target Compounds	Qvalue

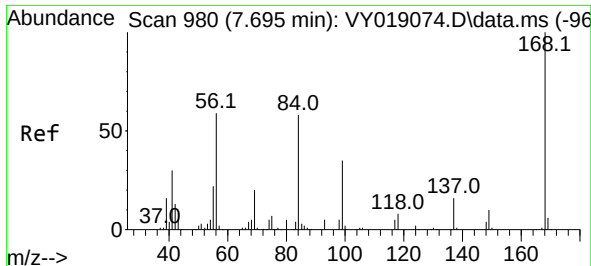
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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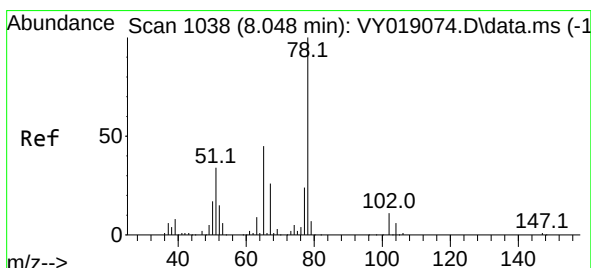
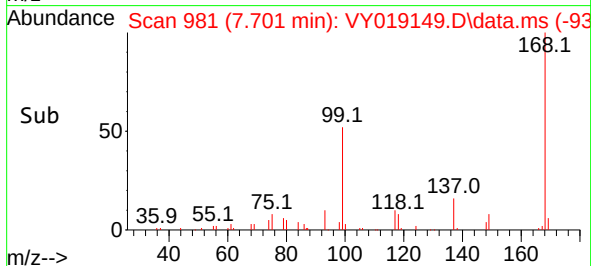
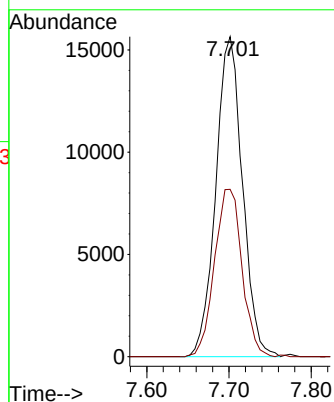
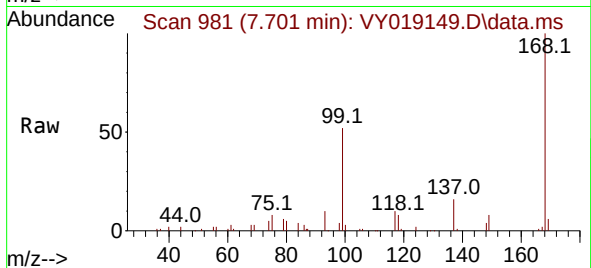




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019149.D
Acq: 20 Aug 2024 14:28

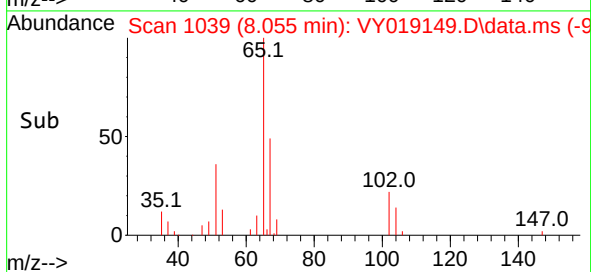
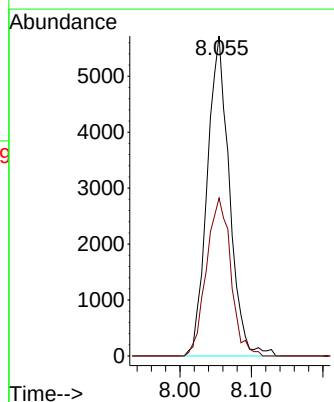
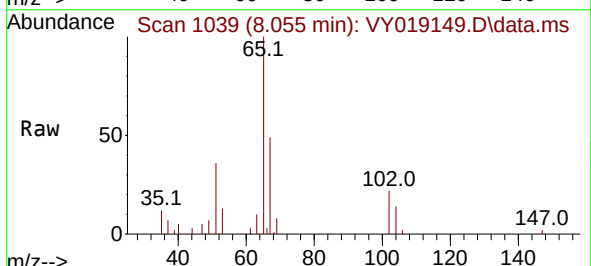
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-08152024RE

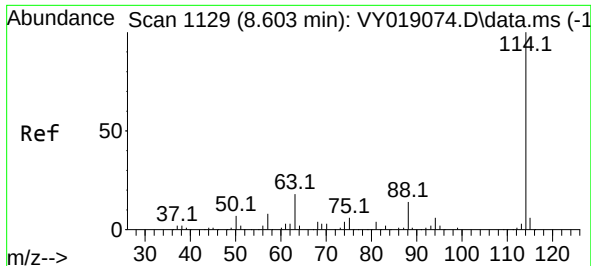
Tgt Ion:168 Resp: 35304
Ion Ratio Lower Upper
168 100
99 52.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 34.784 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019149.D
Acq: 20 Aug 2024 14:28

Tgt Ion: 65 Resp: 12310
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6

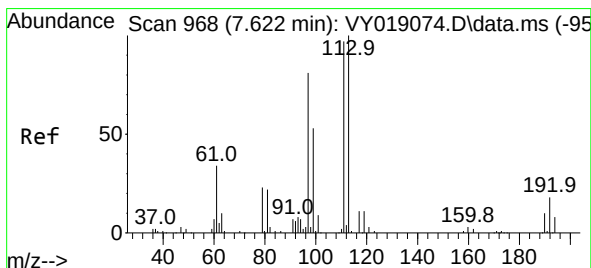
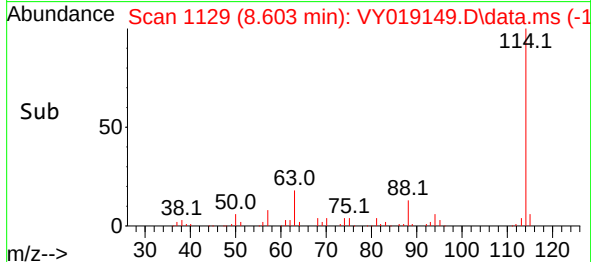
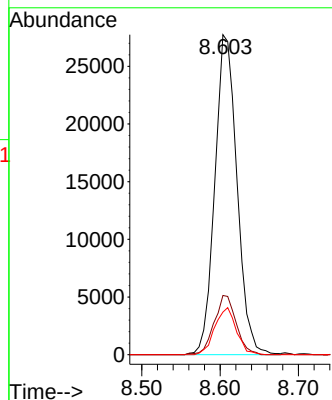
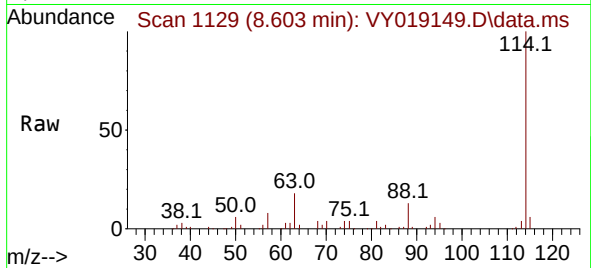




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY019149.D
Acq: 20 Aug 2024 14:28

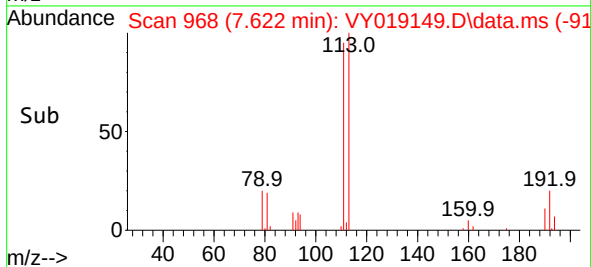
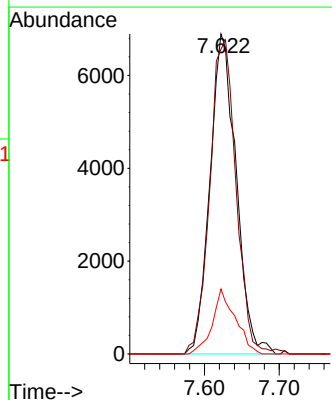
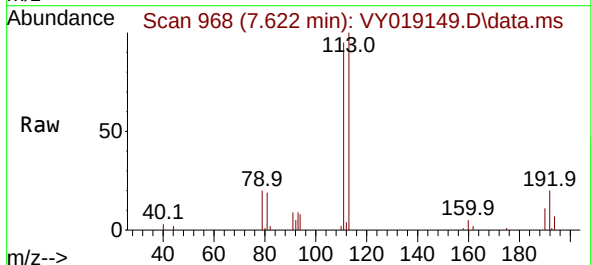
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-08152024RE

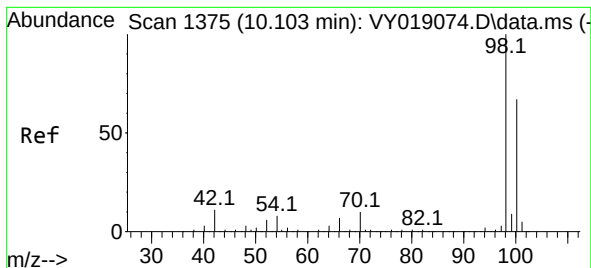
Tgt Ion:114	Resp:	54589
Ion Ratio	Lower	Upper
114	100	
63	18.5	0.0 35.0
88	13.3	0.0 27.2



#35
Dibromofluoromethane
Concen: 46.978 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019149.D
Acq: 20 Aug 2024 14:28

Tgt Ion:113	Resp:	16768
Ion Ratio	Lower	Upper
113	100	
111	98.9	82.2 123.4
192	17.9	15.9 23.9





#50

Toluene-d8

Concen: 44.175 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019149.D

Acq: 20 Aug 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

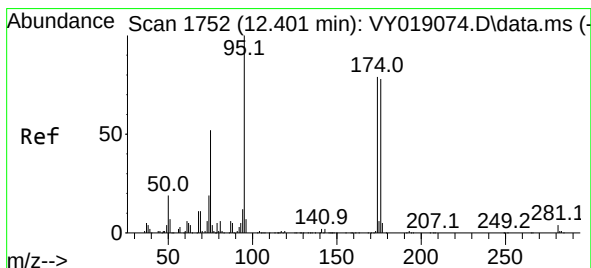
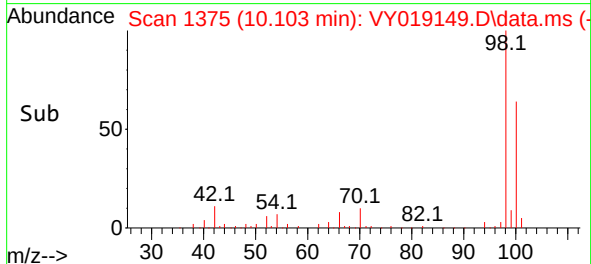
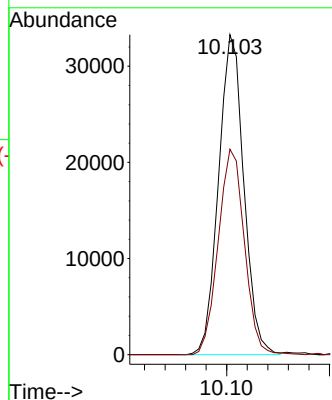
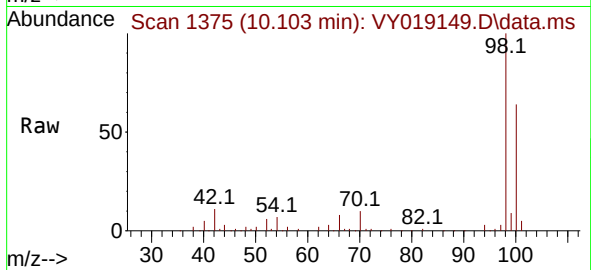
TR-06-08152024RE

Tgt Ion: 98 Resp: 56742

Ion Ratio Lower Upper

98 100

100 66.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 30.257 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019149.D

Acq: 20 Aug 2024 14:28

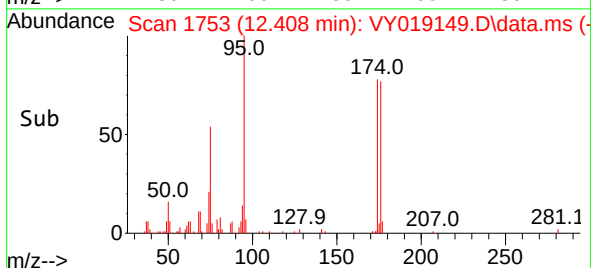
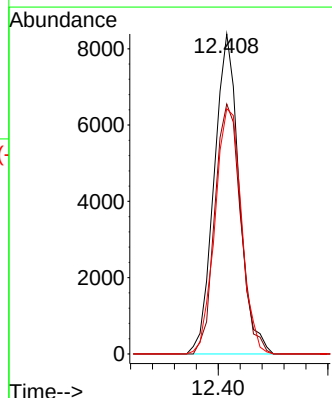
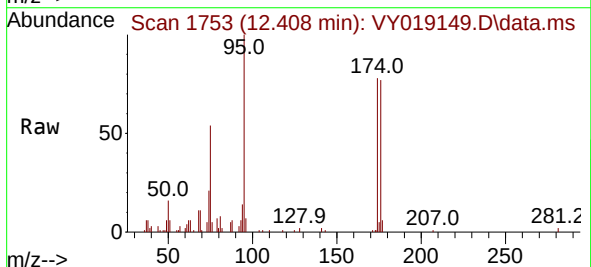
Tgt Ion: 95 Resp: 13249

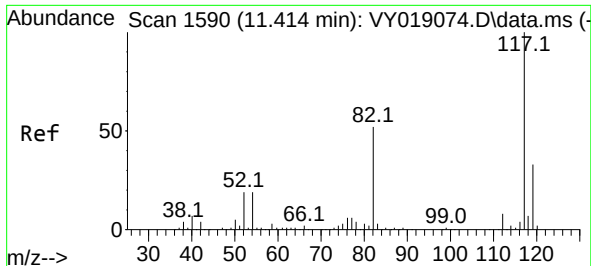
Ion Ratio Lower Upper

95 100

174 81.0 0.0 175.6

176 81.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019149.D

Acq: 20 Aug 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-08152024RE

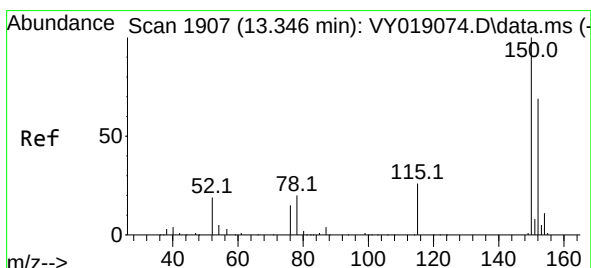
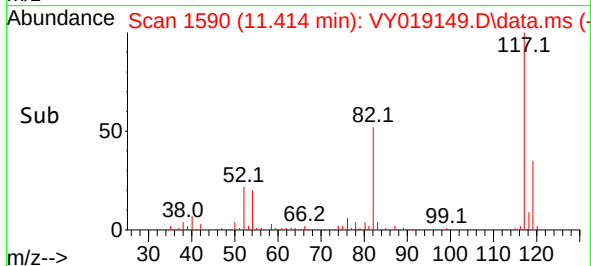
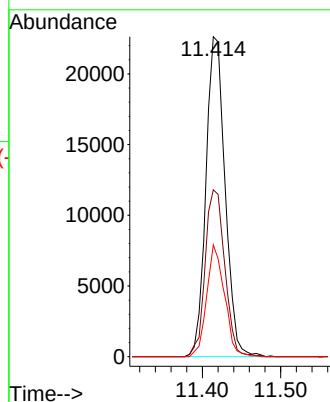
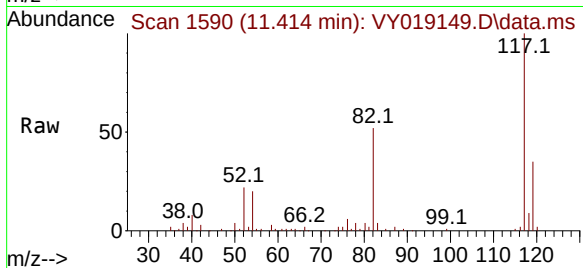
Tgt Ion:117 Resp: 38399

Ion Ratio Lower Upper

117 100

82 52.2 42.4 63.6

119 35.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019149.D

Acq: 20 Aug 2024 14:28

Tgt Ion:152 Resp: 12325

Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 153.0 0.0 345.6

