

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019338.D
 Acq On : 28 Aug 2024 18:32
 Operator : SY/MD
 Sample : P3767-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-1-COMPOSITE

Quant Time: Aug 29 01:37:40 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	15865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	24955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	24485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	6585	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	6113	38.438	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.880%
35) Dibromofluoromethane	7.622	113	8672	53.147	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.300%
50) Toluene-d8	10.103	98	34028	57.950	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.900%
62) 4-Bromofluorobenzene	12.408	95	7796	38.946	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	77.900%

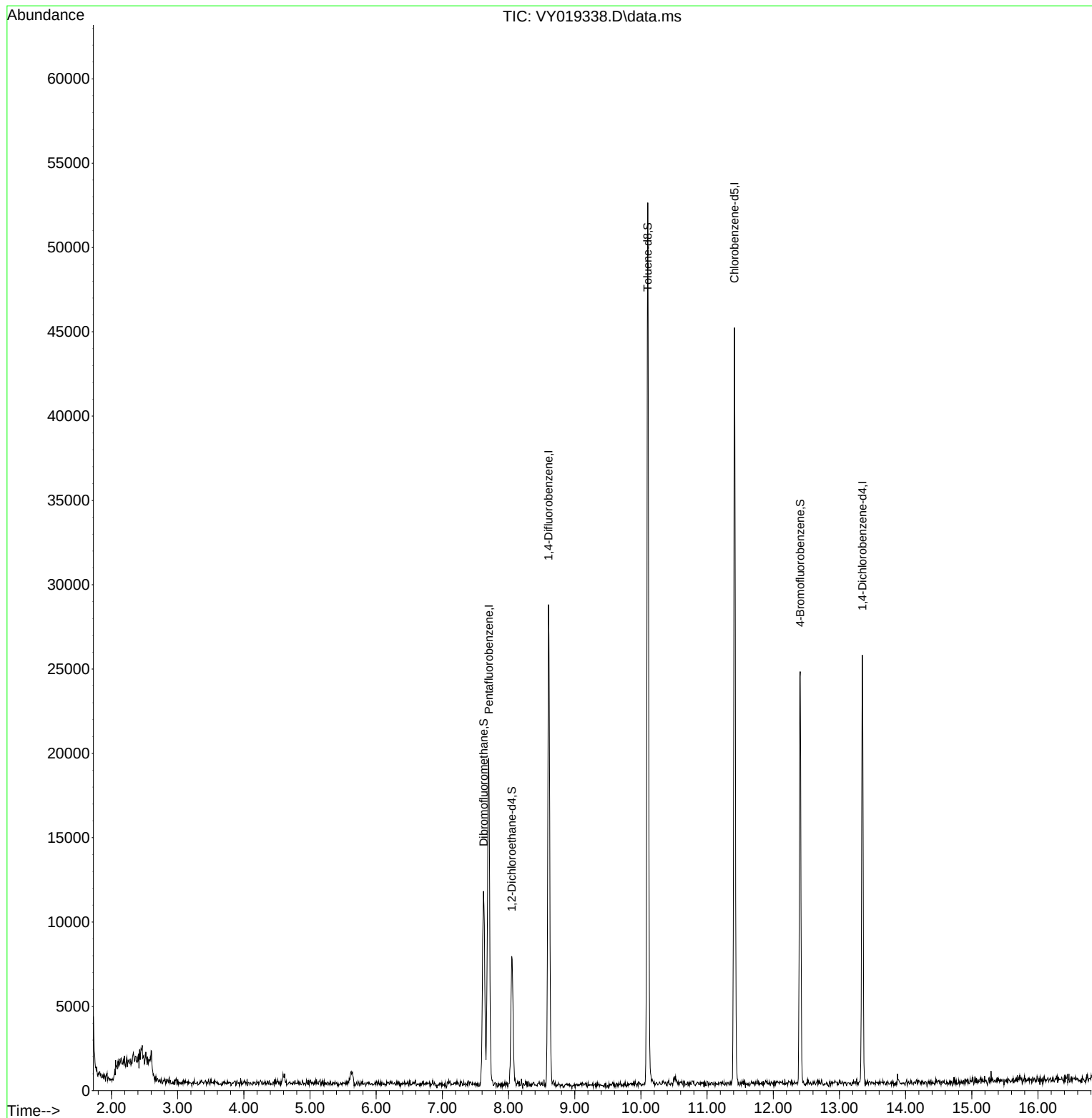
Target Compounds	Qvalue

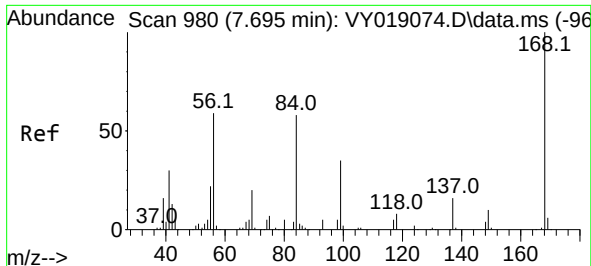
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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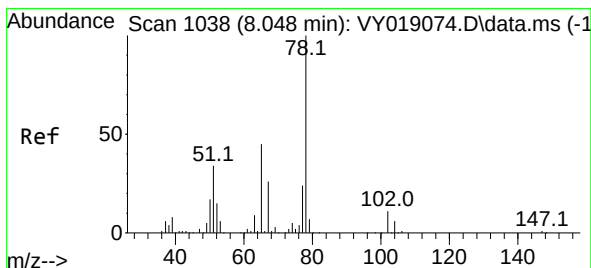
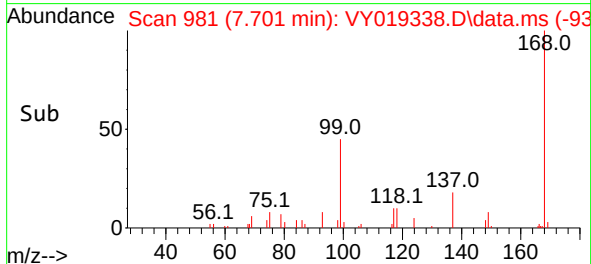
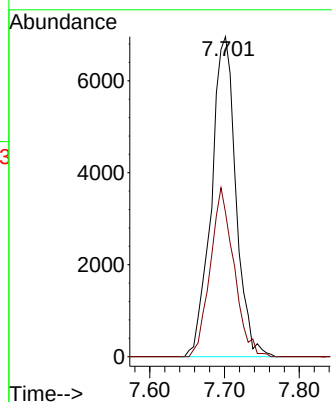
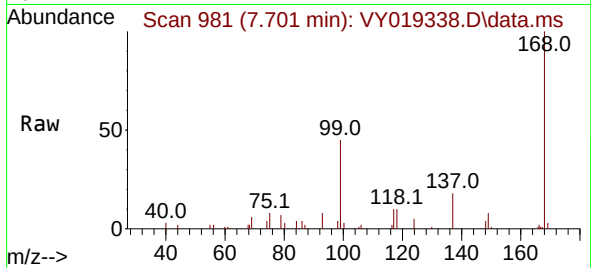




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019338.D
Acq: 28 Aug 2024 18:32

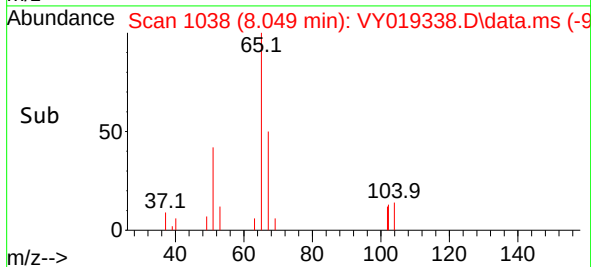
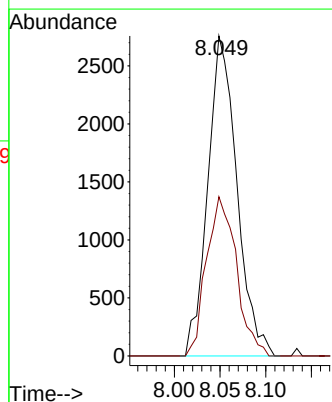
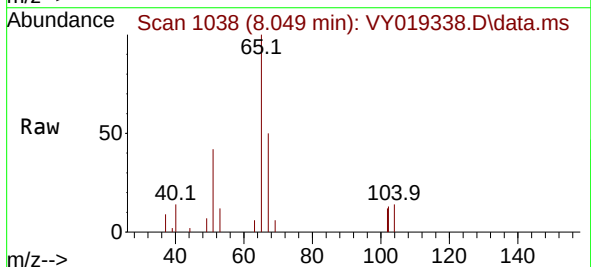
Instrument :
MSVOA_Y
ClientSampleId :
P-1-COMPOSITE

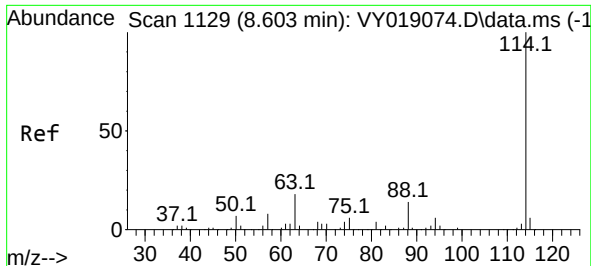
Tgt Ion:168 Resp: 15865
Ion Ratio Lower Upper
168 100
99 45.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 38.438 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019338.D
Acq: 28 Aug 2024 18:32

Tgt Ion: 65 Resp: 6113
Ion Ratio Lower Upper
65 100
67 51.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019338.D

Acq: 28 Aug 2024 18:32

Instrument :

MSVOA_Y

ClientSampleId :

P-1-COMPOSITE

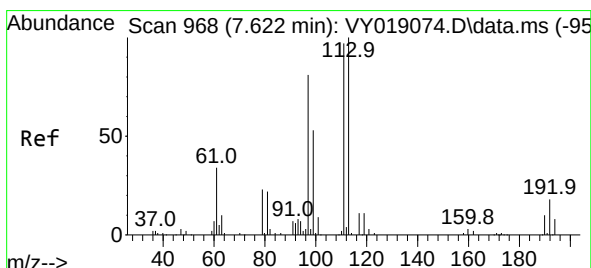
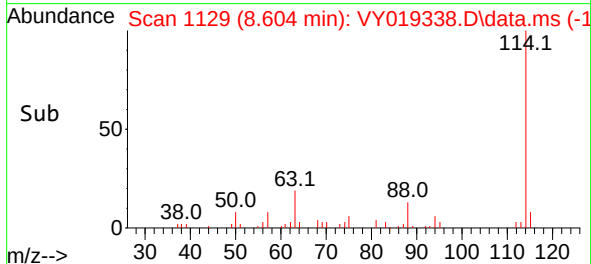
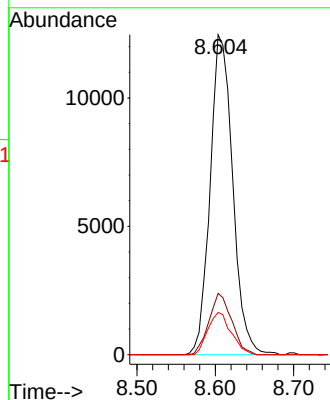
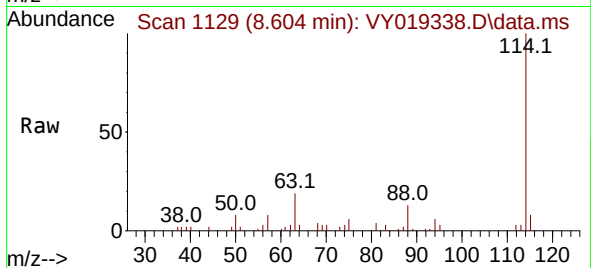
Tgt Ion:114 Resp: 24955

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

88 13.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.147 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019338.D

Acq: 28 Aug 2024 18:32

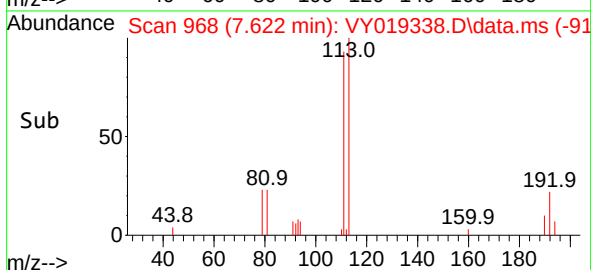
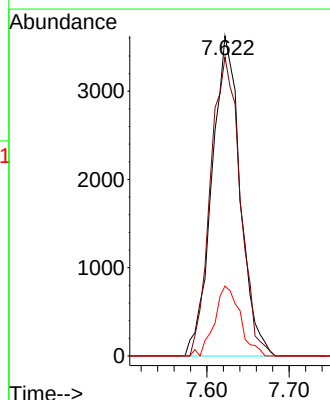
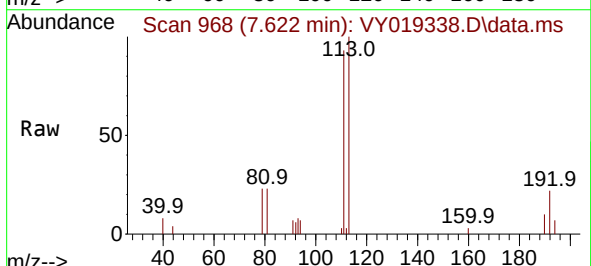
Tgt Ion:113 Resp: 8672

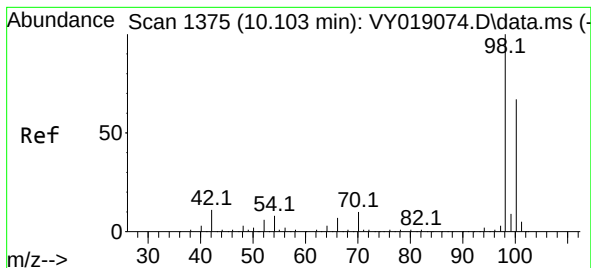
Ion Ratio Lower Upper

113 100

111 97.6 82.2 123.4

192 19.8 15.9 23.9





#50

Toluene-d8

Concen: 57.950 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019338.D

Acq: 28 Aug 2024 18:32

Instrument :

MSVOA_Y

ClientSampleId :

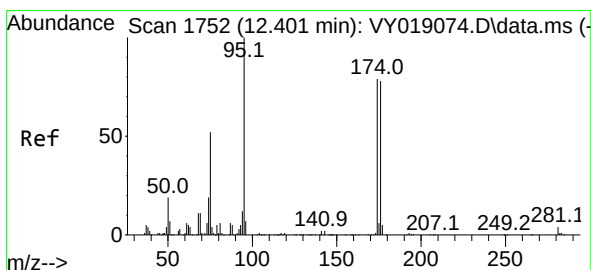
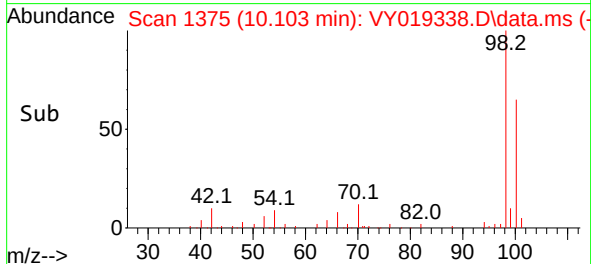
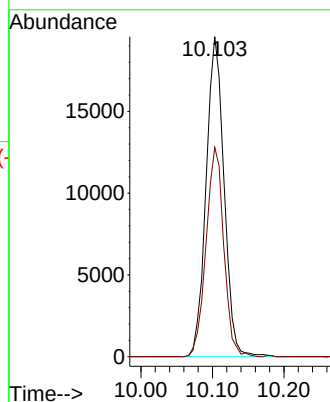
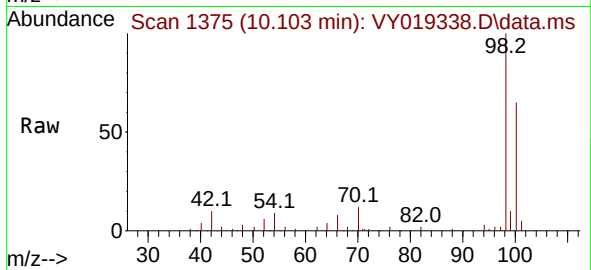
P-1-COMPOSITE

Tgt Ion: 98 Resp: 34028

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 38.946 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019338.D

Acq: 28 Aug 2024 18:32

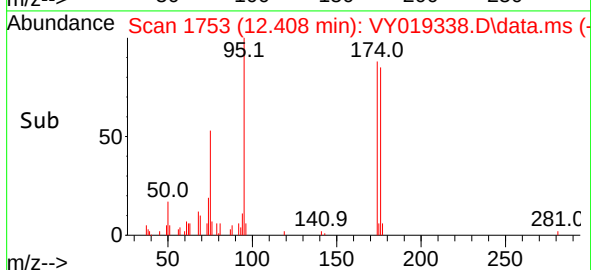
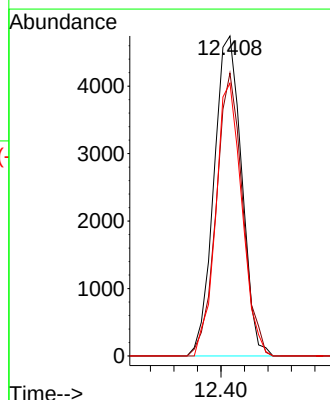
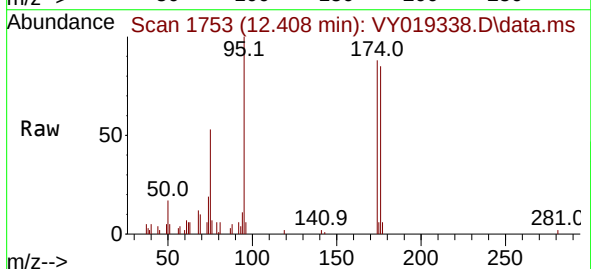
Tgt Ion: 95 Resp: 7796

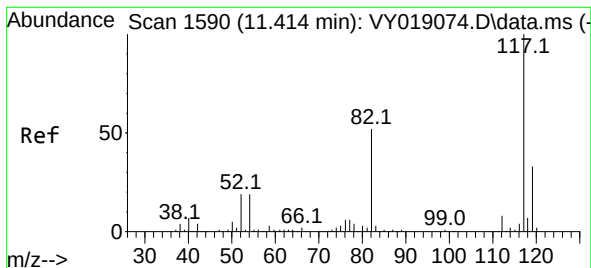
Ion Ratio Lower Upper

95 100

174 84.0 0.0 175.6

176 80.4 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: VY019338.D

Acq: 28 Aug 2024 18:32

Instrument :

MSVOA_Y

ClientSampleId :

P-1-COMPOSITE

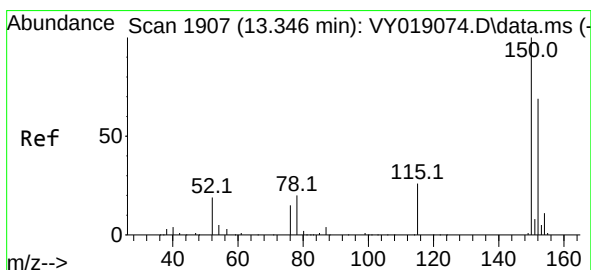
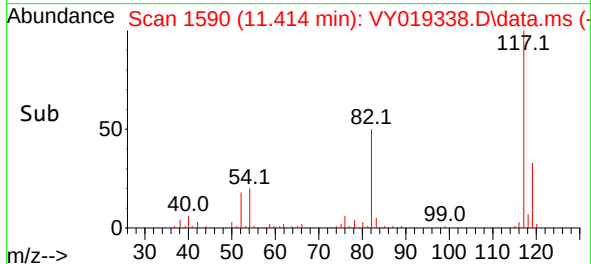
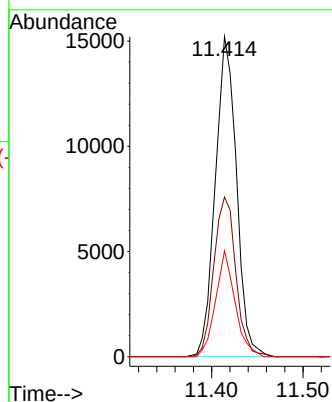
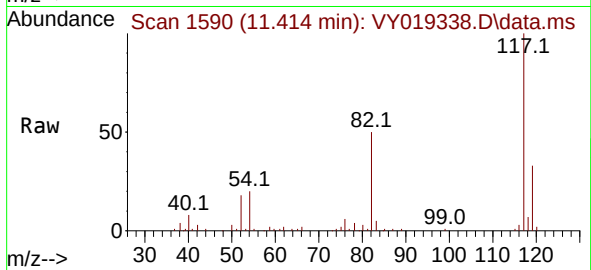
Tgt Ion:117 Resp: 24485

Ion Ratio Lower Upper

117 100

82 49.9 42.4 63.6

119 33.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019338.D

Acq: 28 Aug 2024 18:32

Tgt Ion:152 Resp: 6585

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 149.3 0.0 345.6

