

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019118.D
 Acq On : 19 Aug 2024 15:40
 Operator : SY/MD
 Sample : P3617-09RE
 Misc : 4.54g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VCPS-B5-081424-12-14RE

Quant Time: Aug 20 01:46:37 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)

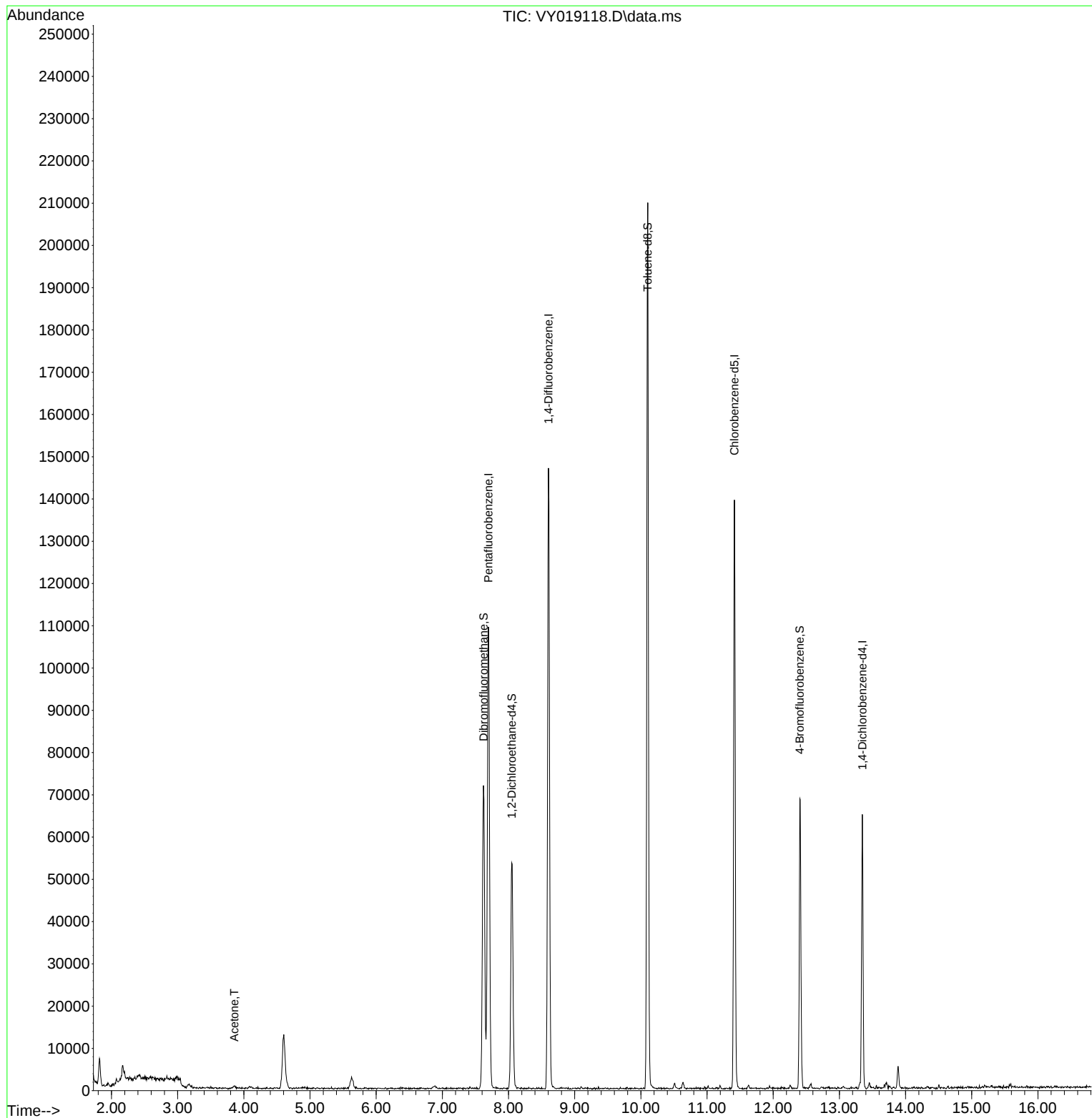
Internal Standards						
1) Pentafluorobenzene	7.695	168	86952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	128619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	75151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	16040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	41848	48.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.020%
35) Dibromofluoromethane	7.622	113	50624	60.196	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.400%
50) Toluene-d8	10.103	98	136592	45.133	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.260%
62) 4-Bromofluorobenzene	12.402	95	20537	19.906	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	39.820%
Target Compounds						
16) Acetone	3.854	43	965	5.970	ug/l	Qvalue 92

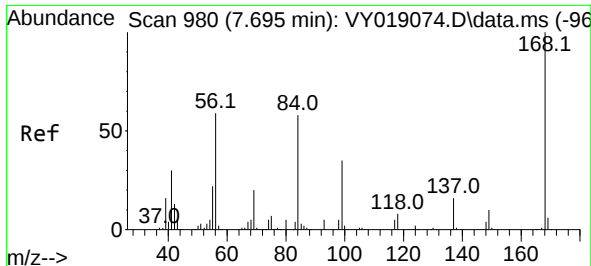
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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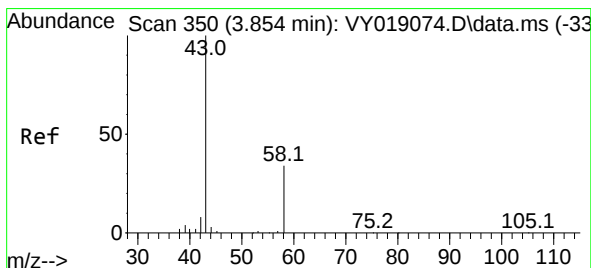
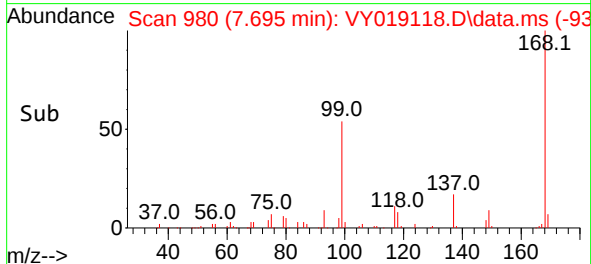
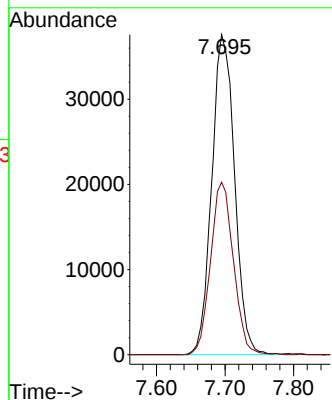
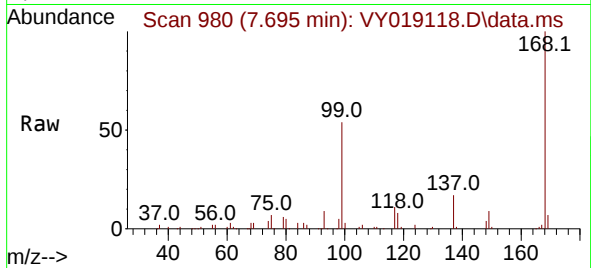




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019118.D
Acq: 19 Aug 2024 15:40

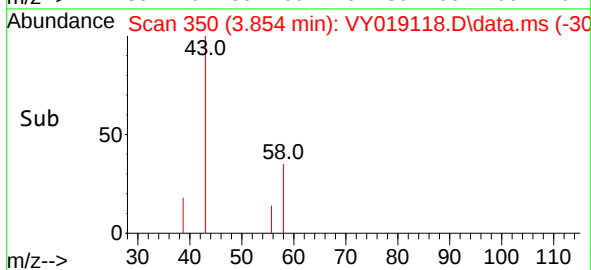
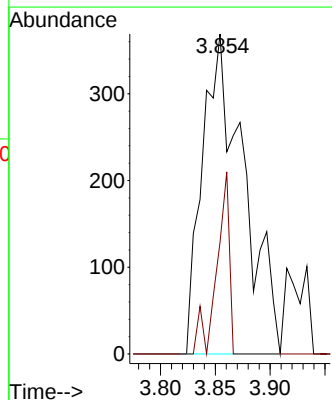
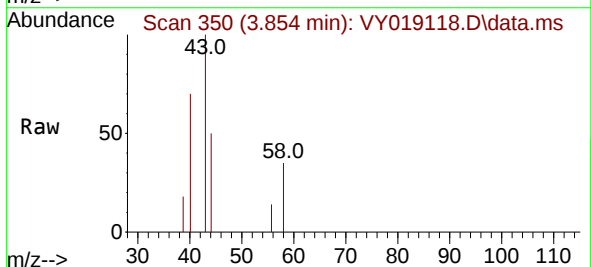
Instrument :
MSVOA_Y
ClientSampleId :
VCPS-B5-081424-12-14RE

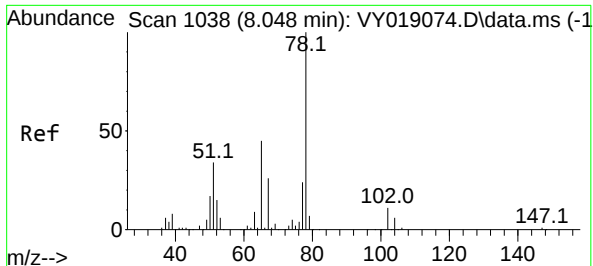
Tgt Ion:168 Resp: 86952
Ion Ratio Lower Upper
168 100
99 53.9 39.1 58.7



#16
Acetone
Concen: 5.970 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019118.D
Acq: 19 Aug 2024 15:40

Tgt Ion: 43 Resp: 965
Ion Ratio Lower Upper
43 100
58 35.0 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 48.011 ug/l

RT: 8.049 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY019118.D

Acq: 19 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

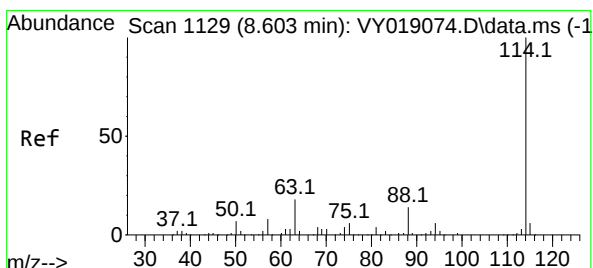
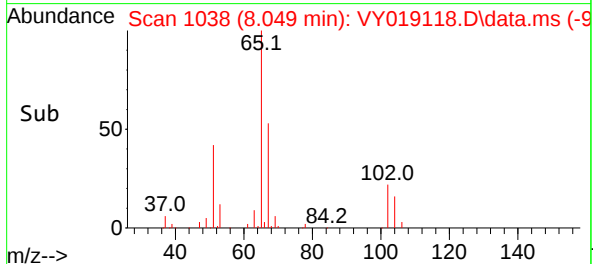
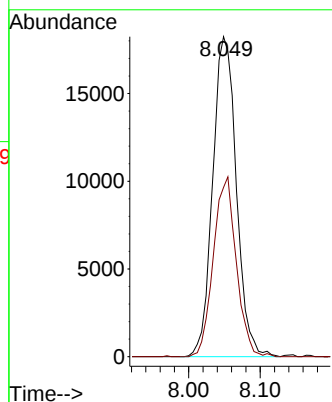
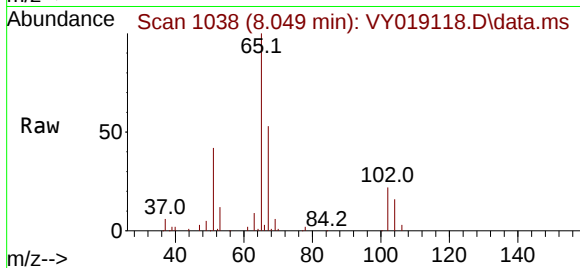
VCPS-B5-081424-12-14RE

Tgt Ion: 65 Resp: 41848

Ion Ratio Lower Upper

65 100

67 54.5 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: VY019118.D

Acq: 19 Aug 2024 15:40

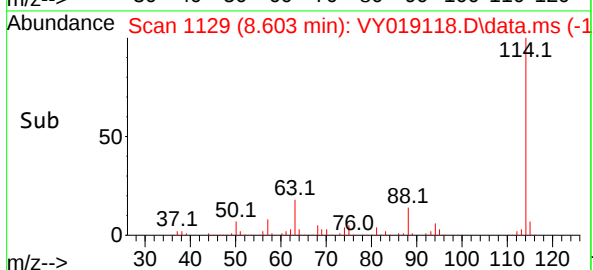
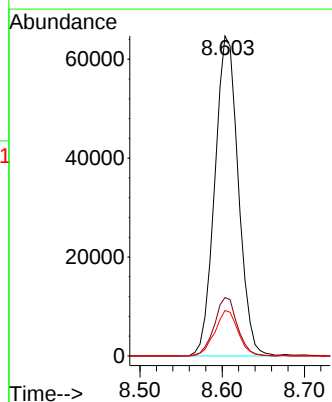
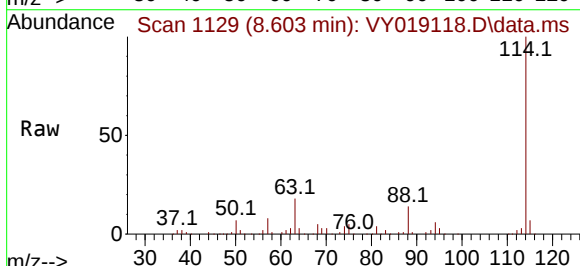
Tgt Ion: 114 Resp: 128619

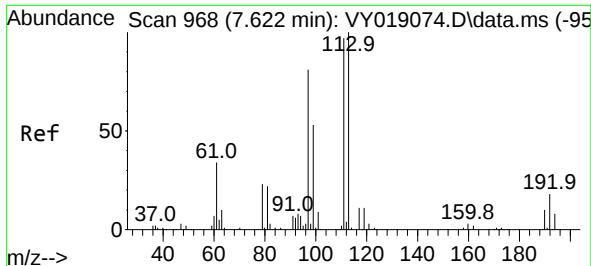
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 14.2 0.0 27.2

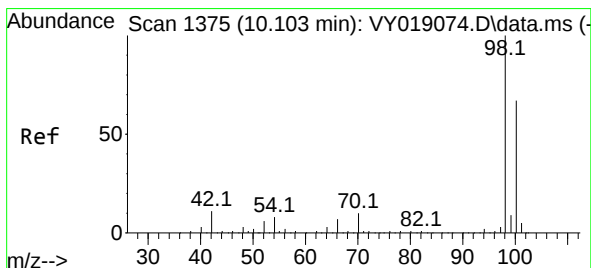
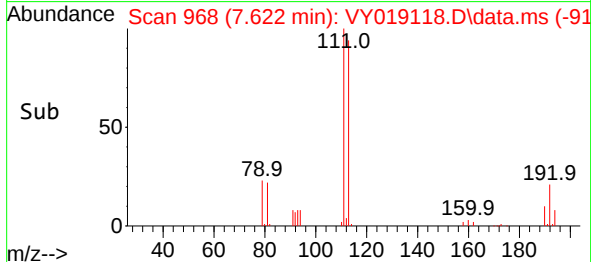
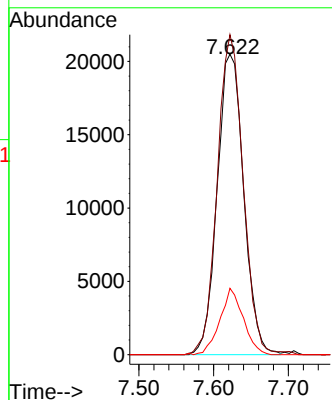
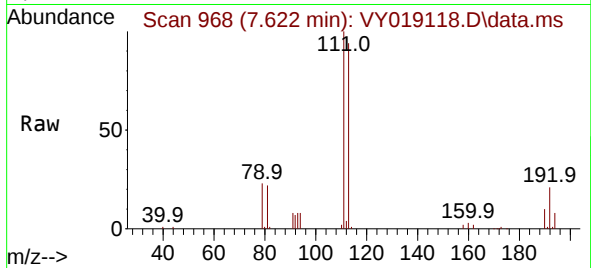




#35
Dibromofluoromethane
Concen: 60.196 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019118.D
Acq: 19 Aug 2024 15:40

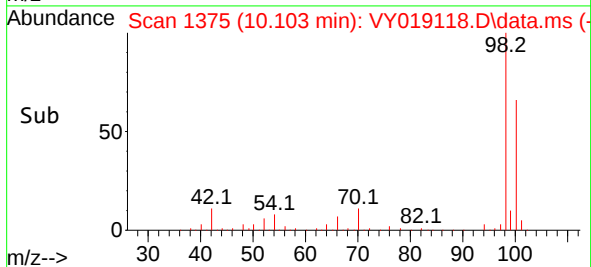
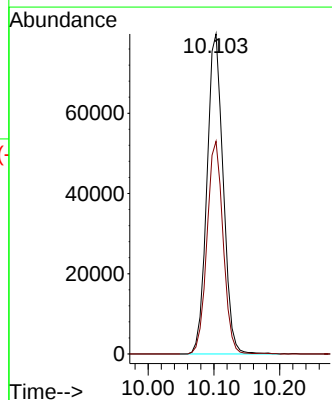
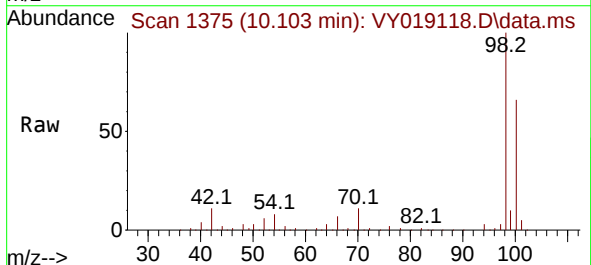
Instrument :
MSVOA_Y
ClientSampleId :
VCPS-B5-081424-12-14RE

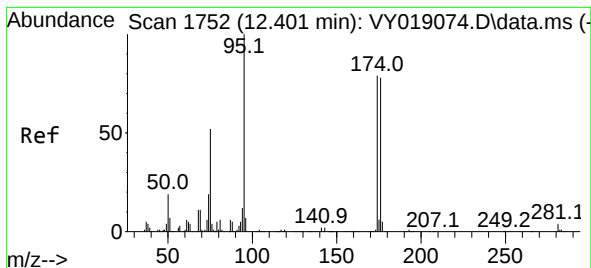
Tgt Ion:113 Resp: 50624
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 19.5 15.9 23.9



#50
Toluene-d8
Concen: 45.133 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019118.D
Acq: 19 Aug 2024 15:40

Tgt Ion: 98 Resp: 136592
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 19.906 ug/l

RT: 12.402 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019118.D

Acq: 19 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VCPS-B5-081424-12-14RE

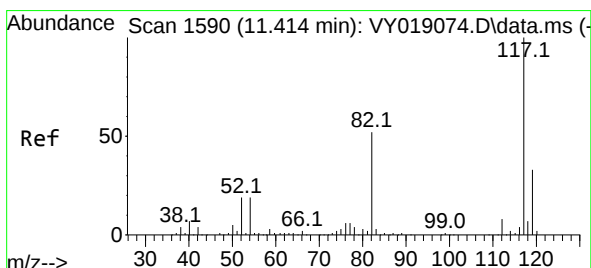
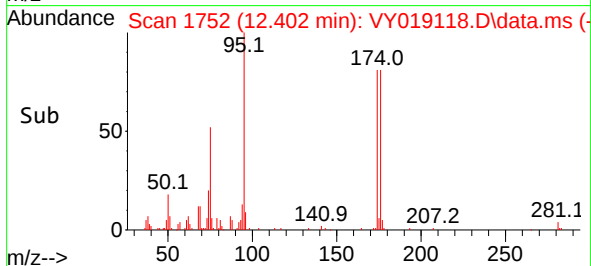
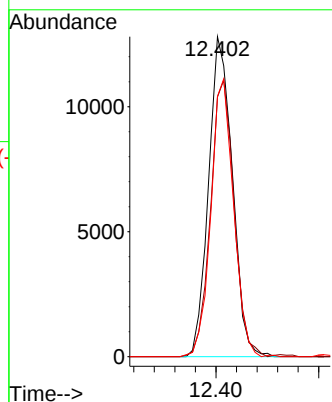
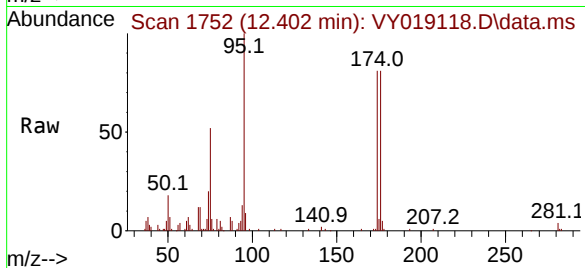
Tgt Ion: 95 Resp: 20537

Ion Ratio Lower Upper

95 100

174 85.5 0.0 175.6

176 82.7 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY019118.D

Acq: 19 Aug 2024 15:40

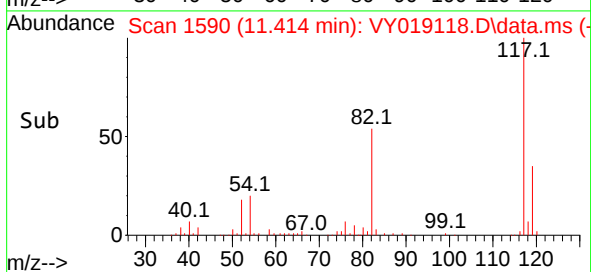
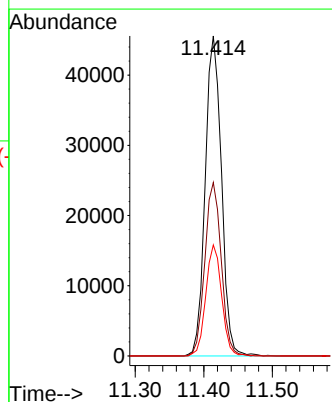
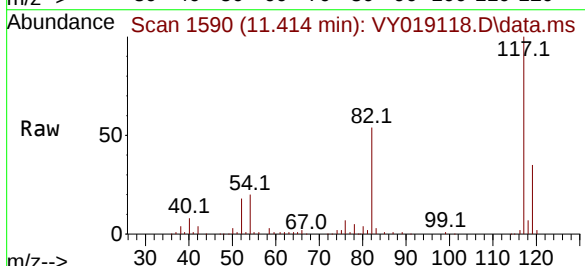
Tgt Ion: 117 Resp: 75151

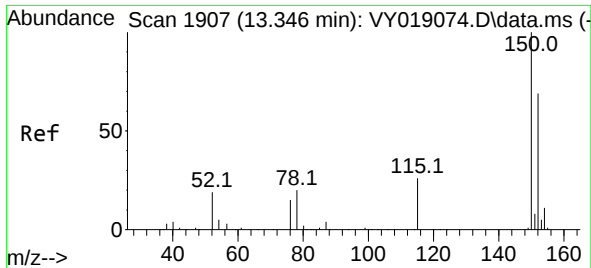
Ion Ratio Lower Upper

117 100

82 54.2 42.4 63.6

119 34.7 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: VY019118.D

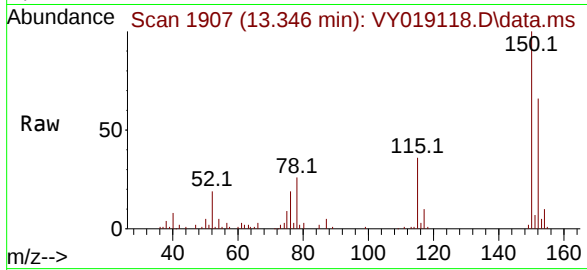
Acq: 19 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VCPS-B5-081424-12-14RE



Tgt Ion:152 Resp: 16040

Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 155.2 0.0 345.6

