

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019340.D
 Acq On : 28 Aug 2024 19:23
 Operator : SY/MD
 Sample : P3732-02
 Misc : 8.37g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UI-5

Quant Time: Aug 29 01:38:24 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	149778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	269219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	252589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	101049	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	87864	58.521	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.040%
35) Dibromofluoromethane	7.622	113	88570	50.315	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.620%
50) Toluene-d8	10.103	98	307746	48.580	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.401	95	100049	46.329	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.660%

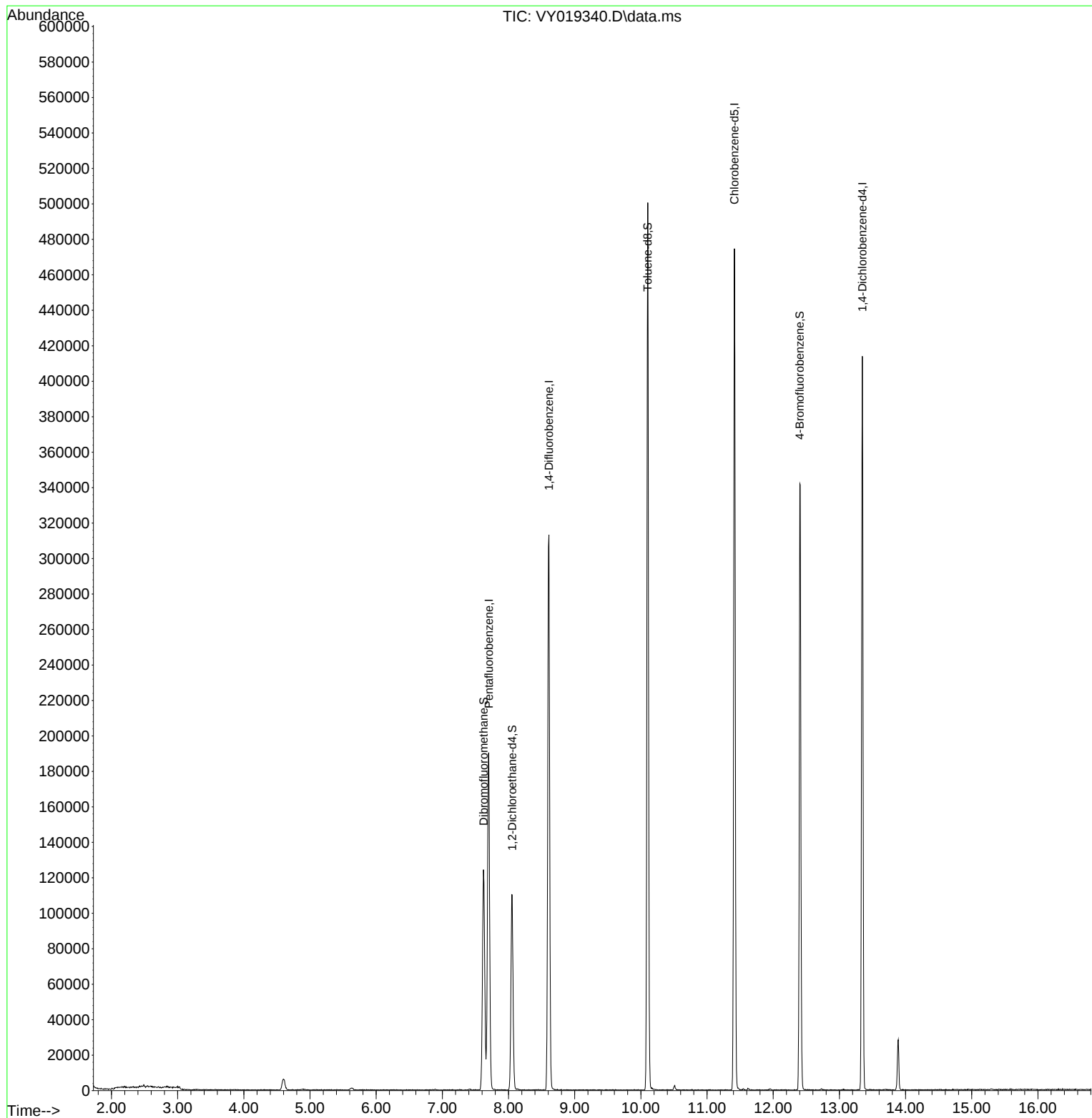
Target Compounds	Qvalue

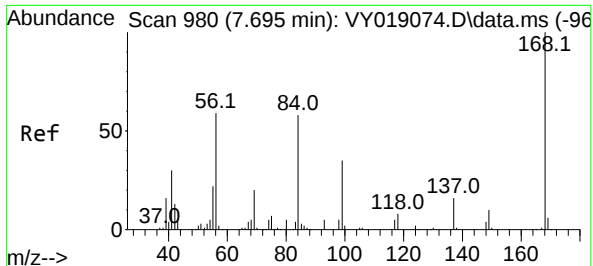
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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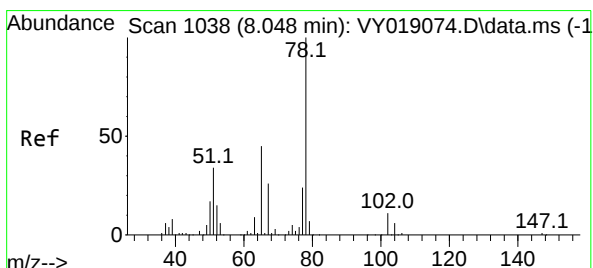
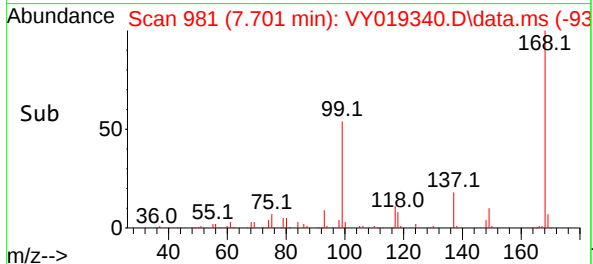
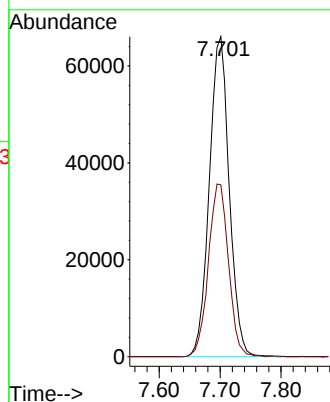
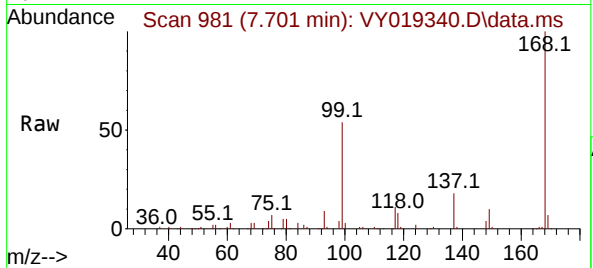




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019340.D
Acq: 28 Aug 2024 19:23

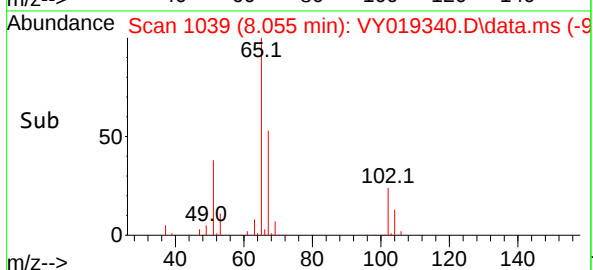
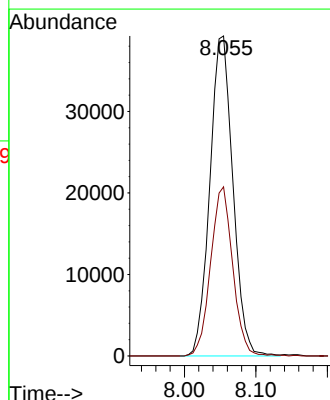
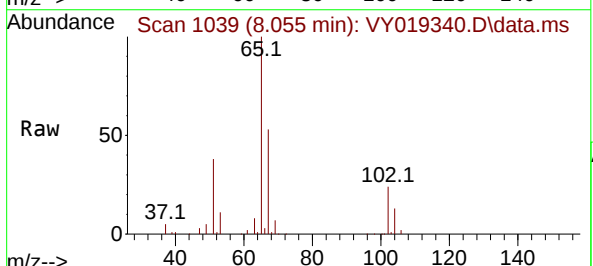
Instrument :
MSVOA_Y
ClientSampleId :
UI-5

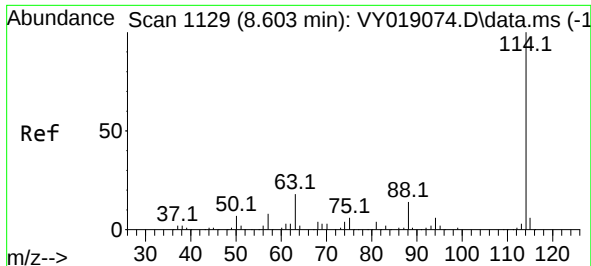
Tgt Ion:168 Resp: 149778
Ion Ratio Lower Upper
168 100
99 53.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 58.521 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019340.D
Acq: 28 Aug 2024 19:23

Tgt Ion: 65 Resp: 87864
Ion Ratio Lower Upper
65 100
67 50.6 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: VY019340.D

Acq: 28 Aug 2024 19:23

Instrument :

MSVOA_Y

ClientSampleId :

UI-5

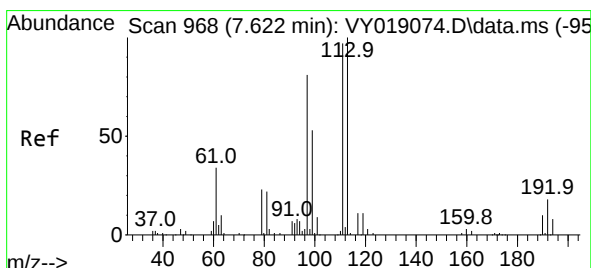
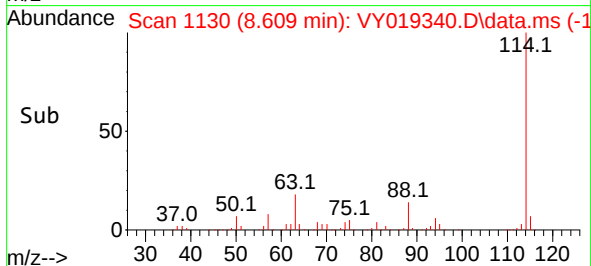
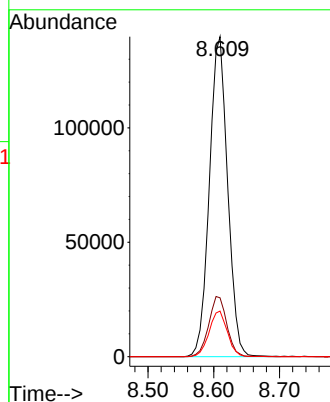
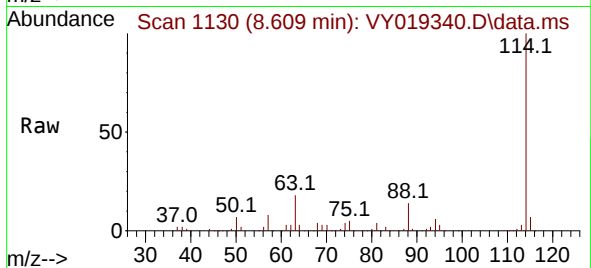
Tgt Ion:114 Resp: 269219

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.315 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019340.D

Acq: 28 Aug 2024 19:23

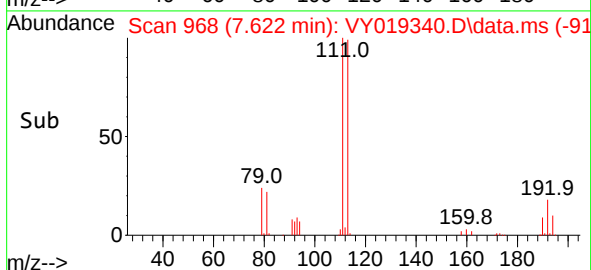
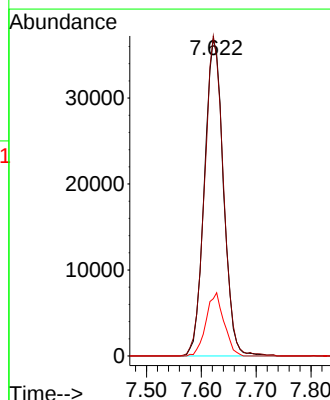
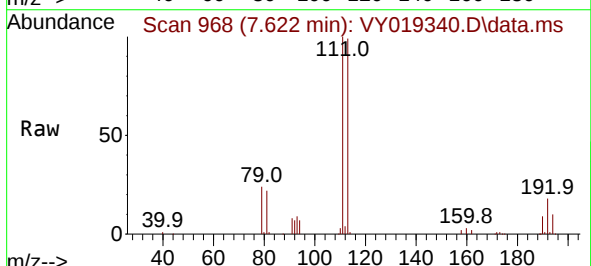
Tgt Ion:113 Resp: 88570

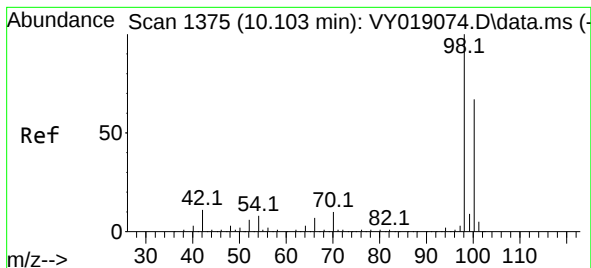
Ion Ratio Lower Upper

113 100

111 100.2 82.2 123.4

192 18.8 15.9 23.9





#50

Toluene-d8

Concen: 48.580 ug/l

RT: 10.103 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019340.D

Acq: 28 Aug 2024 19:23

Instrument :

MSVOA_Y

ClientSampleId :

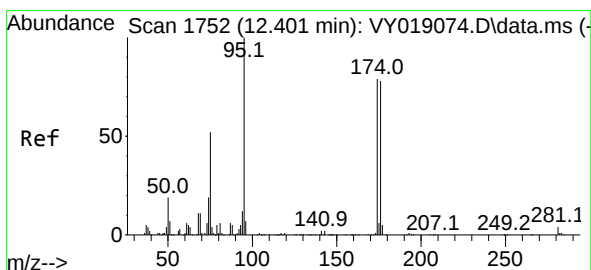
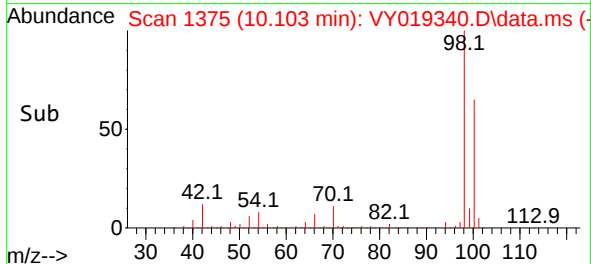
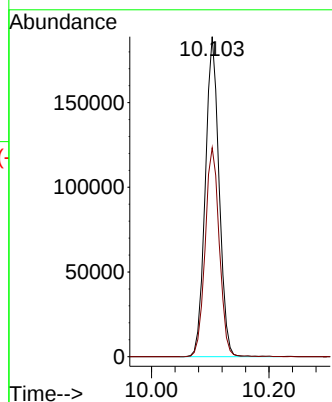
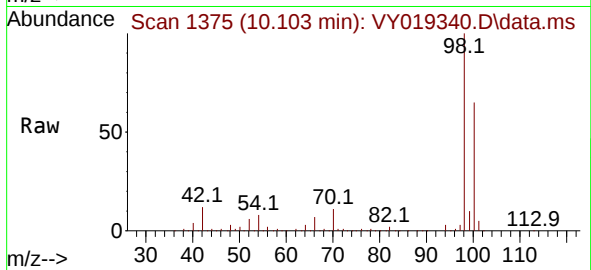
UI-5

Tgt Ion: 98 Resp: 307746

Ion Ratio Lower Upper

98 100

100 66.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.329 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY019340.D

Acq: 28 Aug 2024 19:23

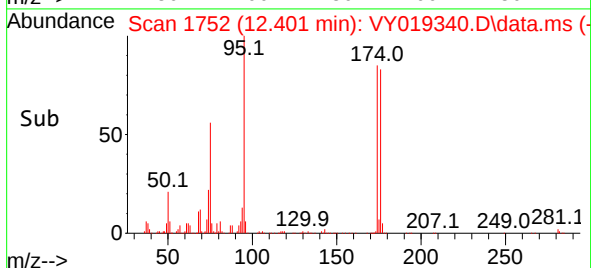
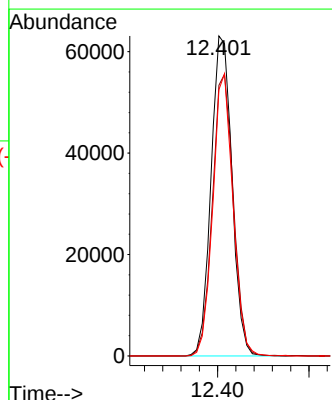
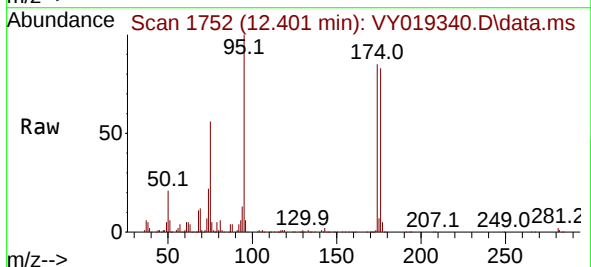
Tgt Ion: 95 Resp: 100049

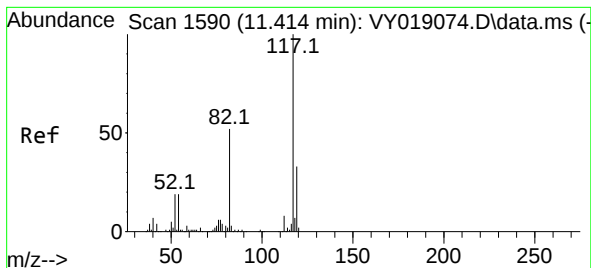
Ion Ratio Lower Upper

95 100

174 88.7 0.0 175.6

176 85.1 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: VY019340.D

Acq: 28 Aug 2024 19:23

Instrument :

MSVOA_Y

ClientSampleId :

UI-5

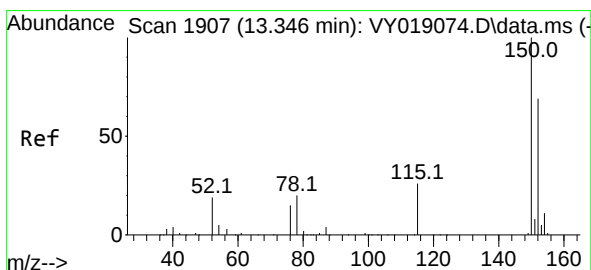
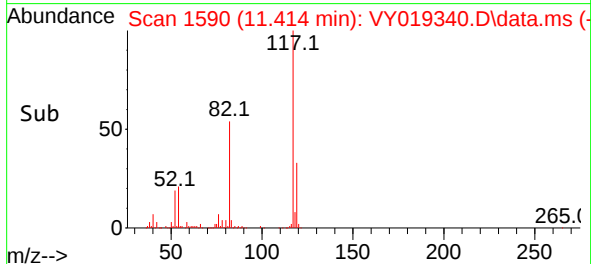
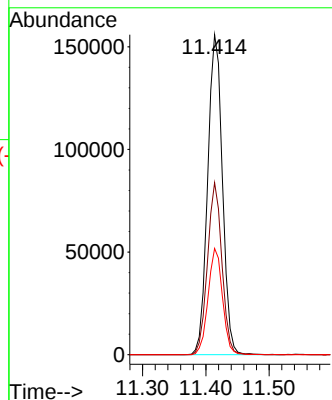
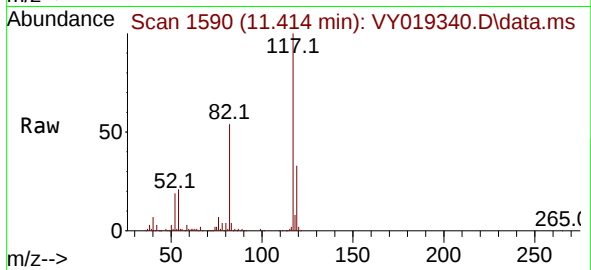
Tgt Ion:117 Resp: 252589

Ion Ratio Lower Upper

117 100

82 53.8 42.4 63.6

119 33.2 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: VY019340.D

Acq: 28 Aug 2024 19:23

Tgt Ion:152 Resp: 101049

Ion Ratio Lower Upper

152 100

115 59.2 28.2 84.7

150 160.7 0.0 345.6

