

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019035.D
 Acq On : 13 Aug 2024 17:33
 Operator : SY/MD
 Sample : P3519-23
 Misc : 6.40g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-04-080624

Quant Time: Aug 14 01:40:12 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	55994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	96710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	86961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	33490	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	26692	54.294	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.580%
35) Dibromofluoromethane	7.622	113	30590	49.524	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.040%
50) Toluene-d8	10.103	98	115875	48.841	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.680%
62) 4-Bromofluorobenzene	12.408	95	29006	41.209	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.420%

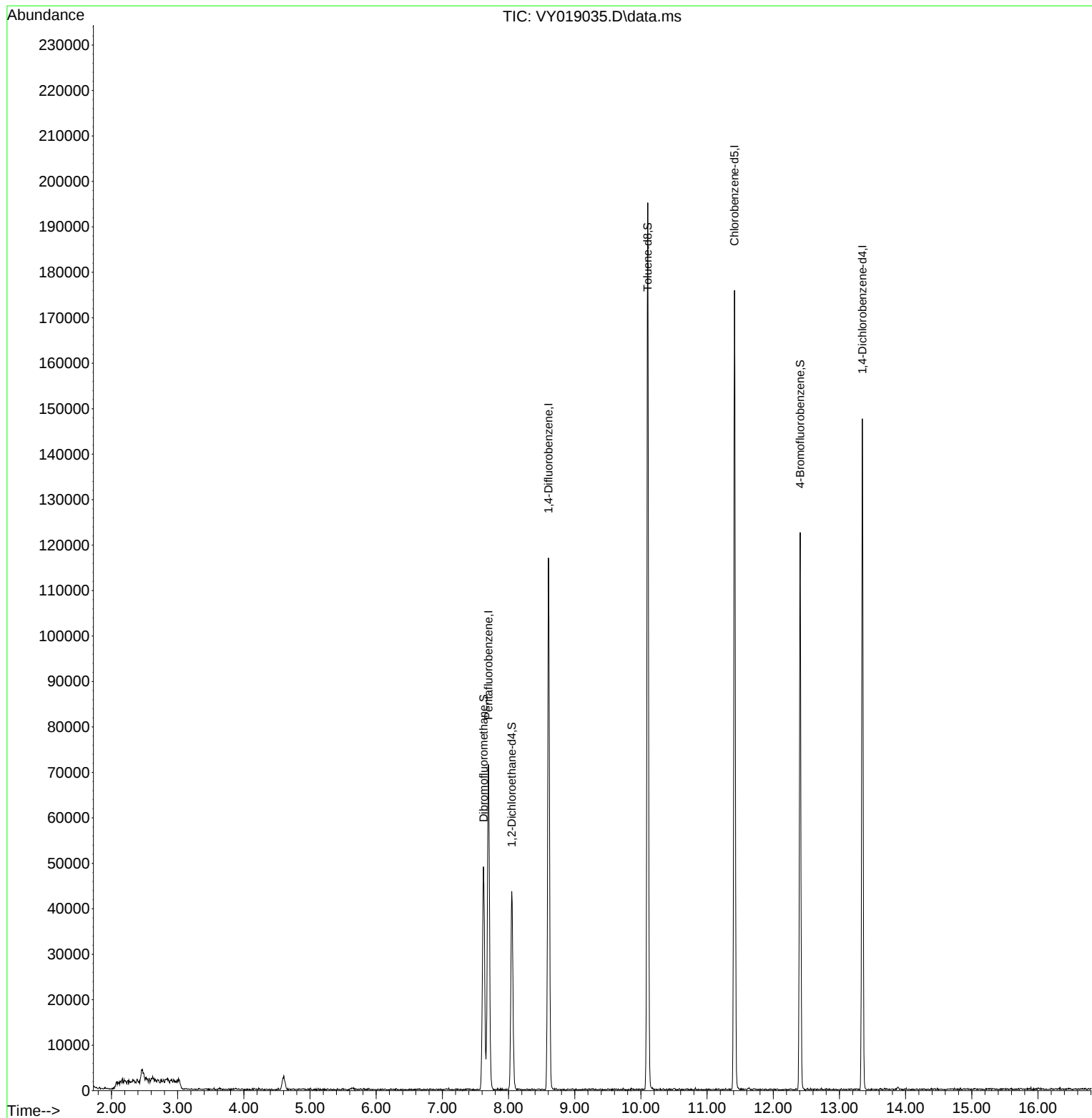
Target Compounds	Qvalue

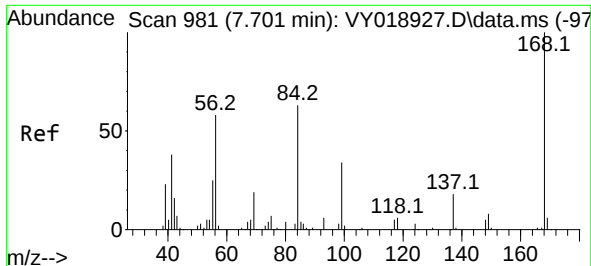
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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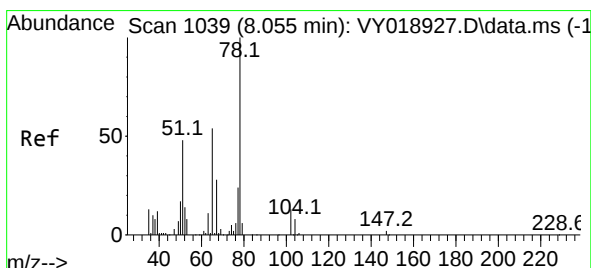
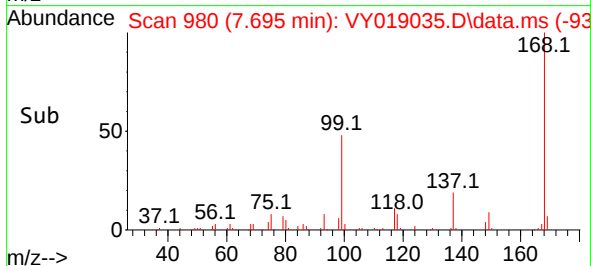
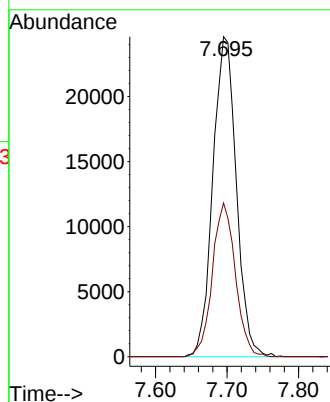
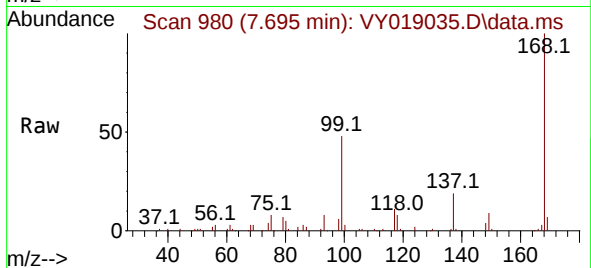




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019035.D
Acq: 13 Aug 2024 17:33

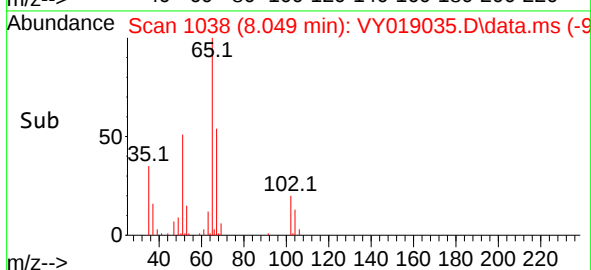
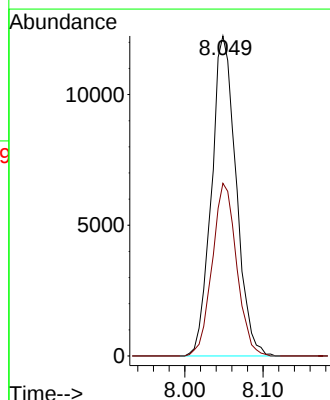
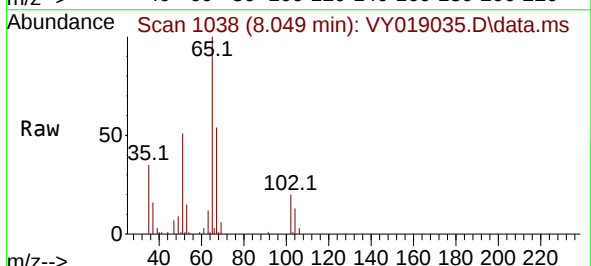
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-04-080624

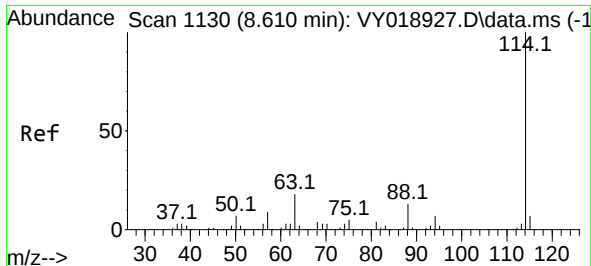
Tgt Ion:168 Resp: 55994
Ion Ratio Lower Upper
168 100
99 48.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.294 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019035.D
Acq: 13 Aug 2024 17:33

Tgt Ion: 65 Resp: 26692
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019035.D

Acq: 13 Aug 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-04-080624

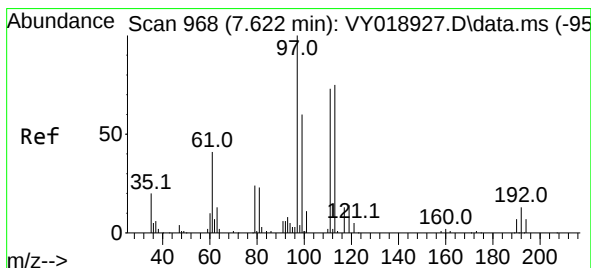
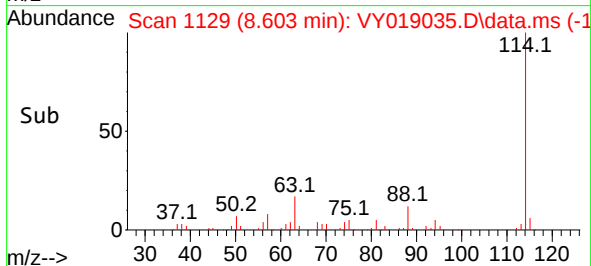
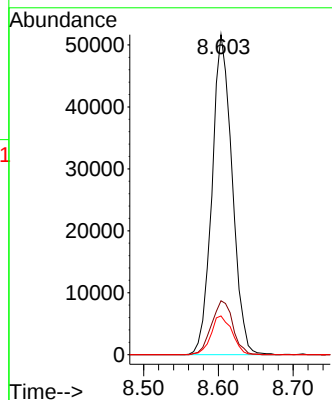
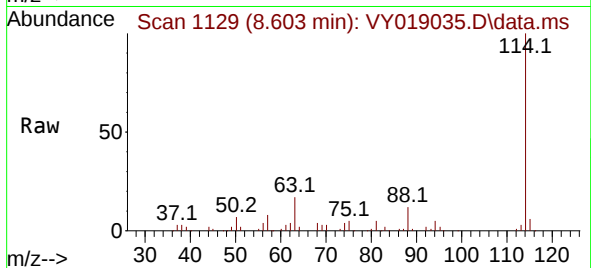
Tgt Ion:114 Resp: 96710

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 12.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.524 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY019035.D

Acq: 13 Aug 2024 17:33

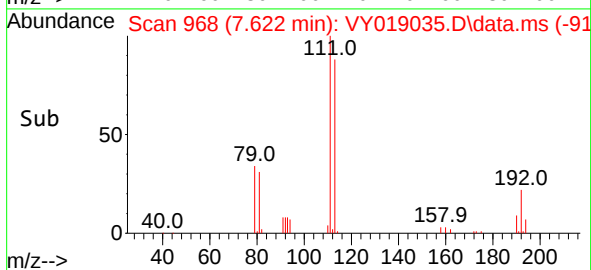
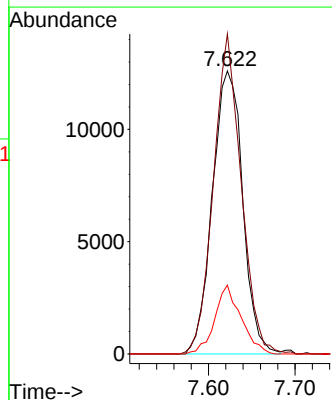
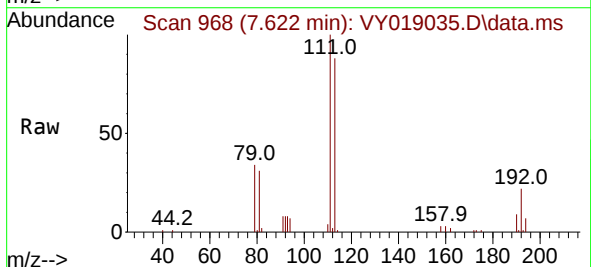
Tgt Ion:113 Resp: 30590

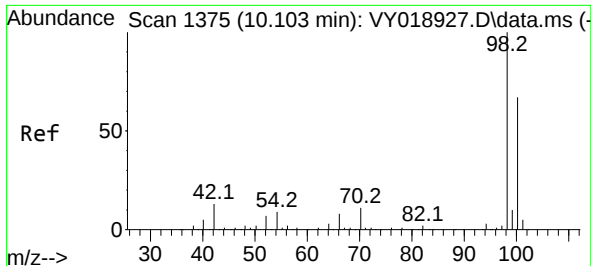
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 21.1 15.9 23.9

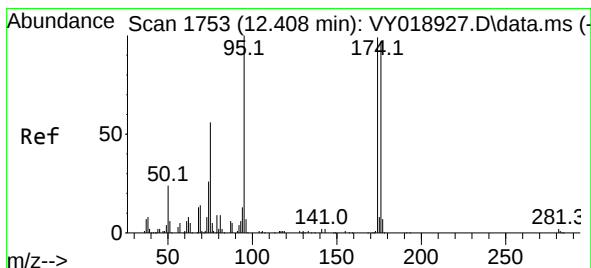
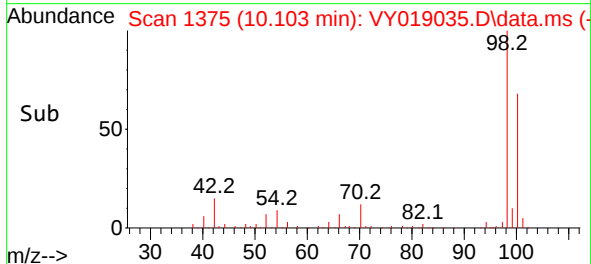
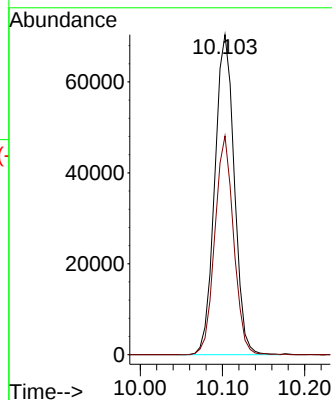
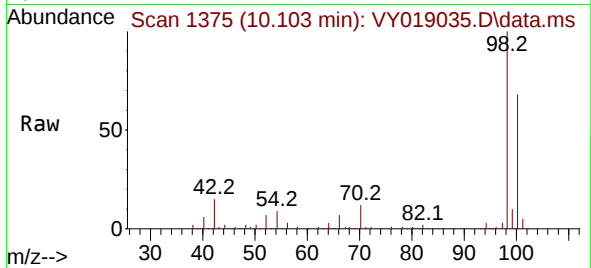




#50
Toluene-d8
Concen: 48.841 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019035.D
Acq: 13 Aug 2024 17:33

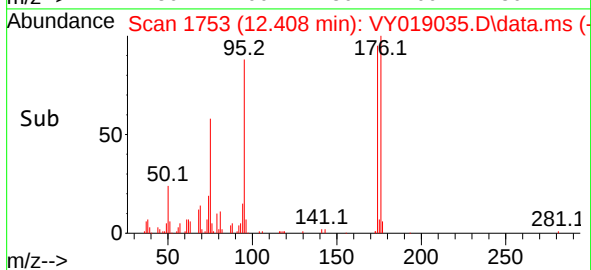
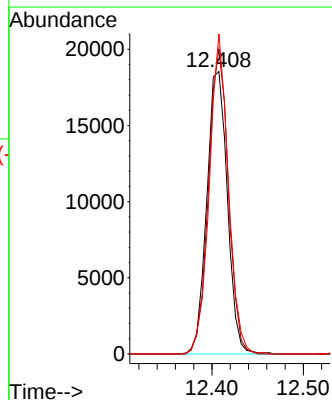
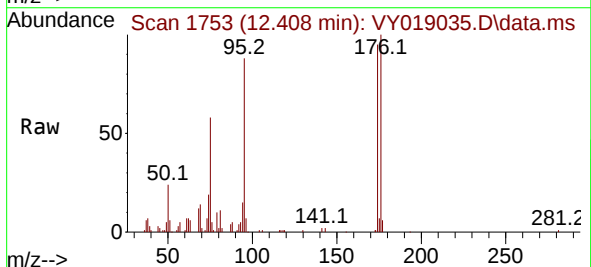
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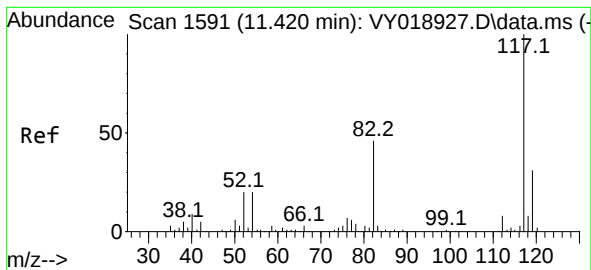
Tgt Ion: 98 Resp: 115875
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.209 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019035.D
Acq: 13 Aug 2024 17:33

Tgt Ion: 95 Resp: 29006
Ion Ratio Lower Upper
95 100
174 104.4 0.0 175.6
176 104.8 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: VY019035.D

Acq: 13 Aug 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-04-080624

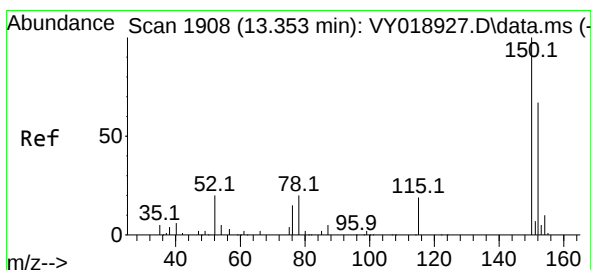
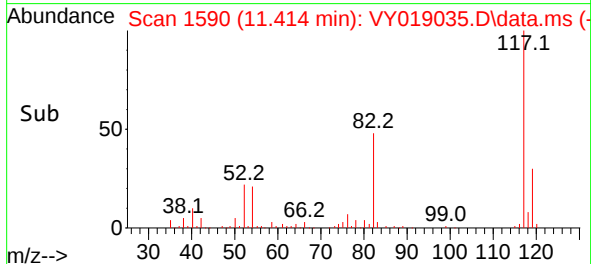
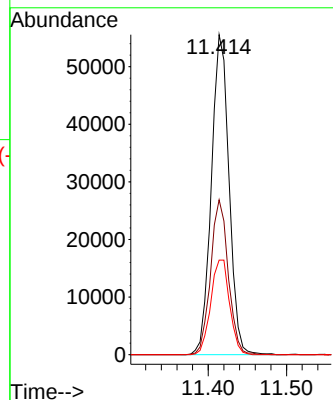
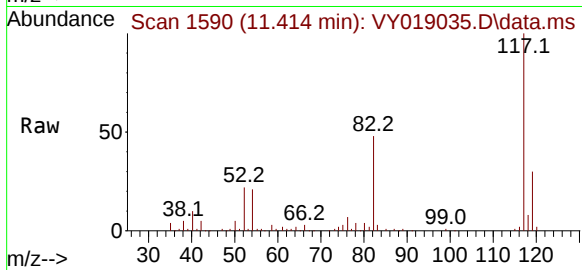
Tgt Ion:117 Resp: 86961

Ion Ratio Lower Upper

117 100

82 48.4 42.4 63.6

119 29.6 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: VY019035.D

Acq: 13 Aug 2024 17:33

Tgt Ion:152 Resp: 33490

Ion Ratio Lower Upper

152 100

115 52.4 28.2 84.7

150 155.6 0.0 345.6

