

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018964.D
 Acq On : 09 Aug 2024 13:57
 Operator : SY/MD
 Sample : P3518-05RE
 Misc : 5.26g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-03-080724RE

Quant Time: Aug 09 23:26:31 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	79855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	127090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	89640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	23213	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	39293	56.043	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.080%
35) Dibromofluoromethane	7.616	113	43915	54.102	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.200%
50) Toluene-d8	10.103	98	161574	51.823	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.640%
62) 4-Bromofluorobenzene	12.408	95	29210	31.579	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	63.160%

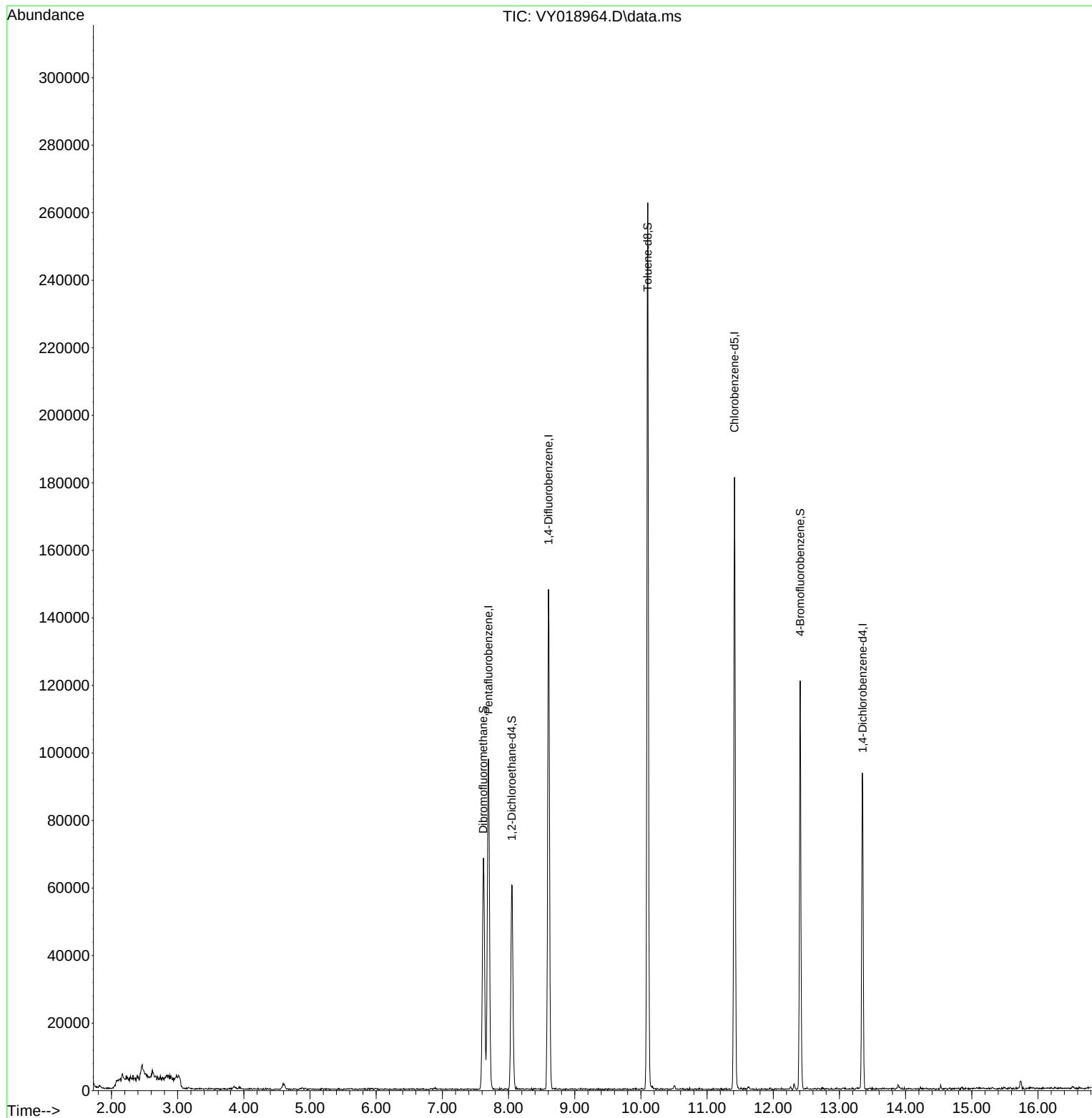
Target Compounds	Qvalue

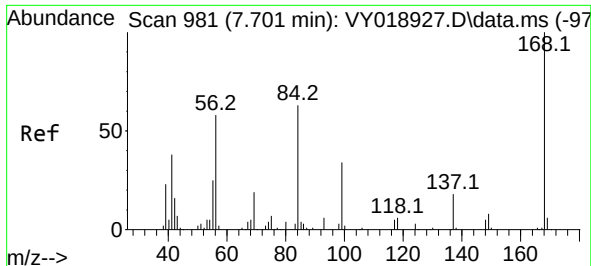
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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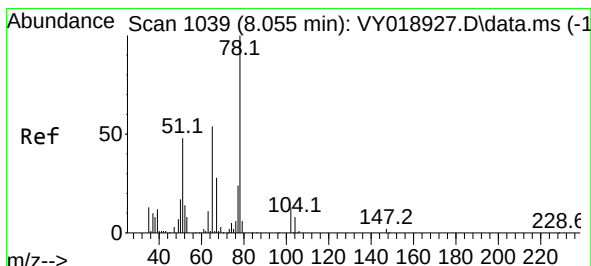
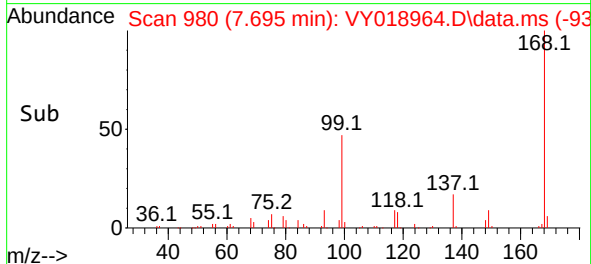
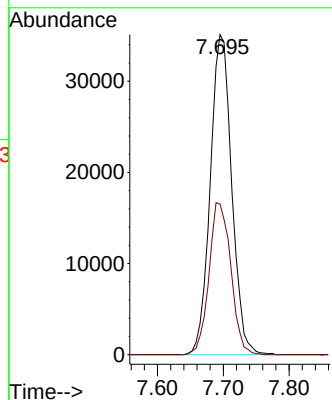
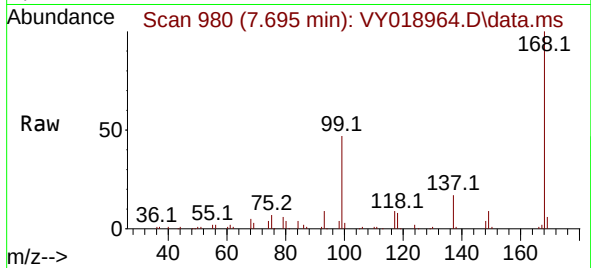




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018964.D
Acq: 09 Aug 2024 13:57

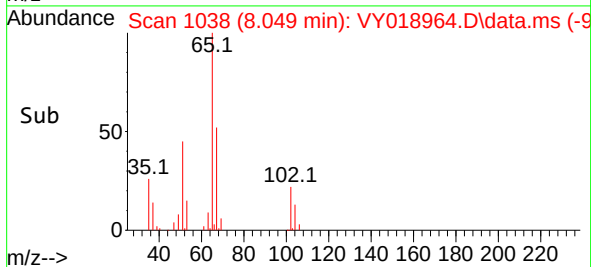
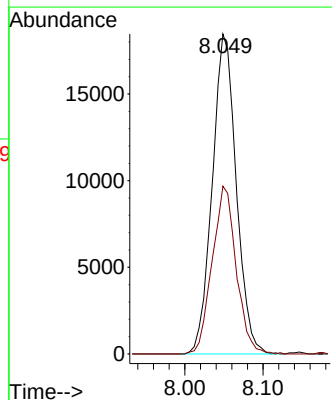
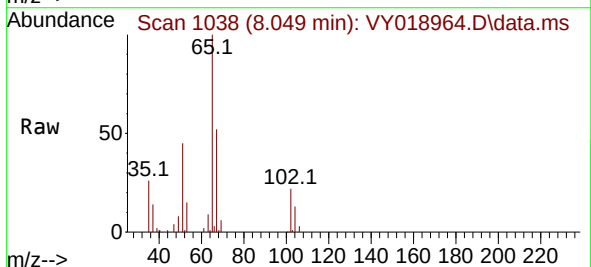
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-03-080724RE

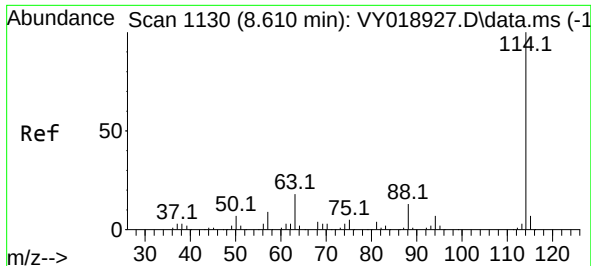
Tgt Ion:168 Resp: 79855
Ion Ratio Lower Upper
168 100
99 47.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 56.043 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY018964.D
Acq: 09 Aug 2024 13:57

Tgt Ion: 65 Resp: 39293
Ion Ratio Lower Upper
65 100
67 52.5 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: VY018964.D

Acq: 09 Aug 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-03-080724RE

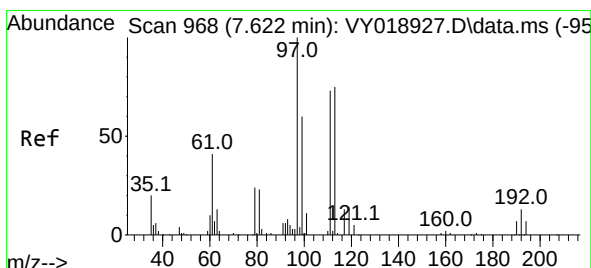
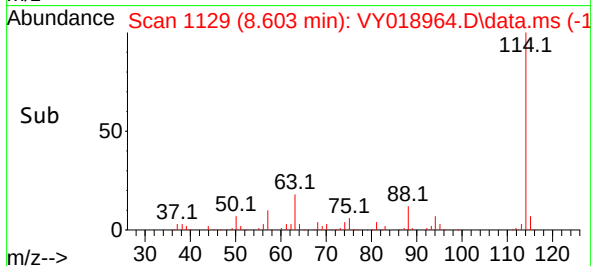
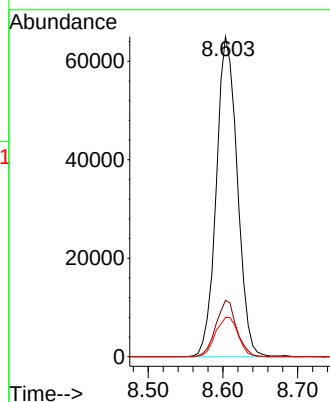
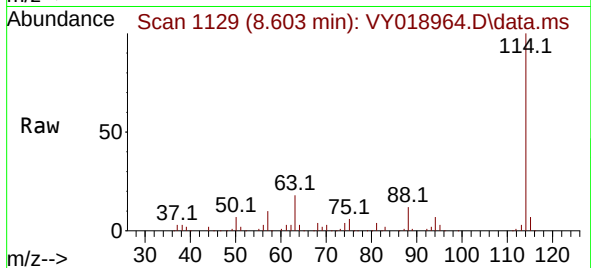
Tgt Ion:114 Resp: 127090

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 12.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.102 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY018964.D

Acq: 09 Aug 2024 13:57

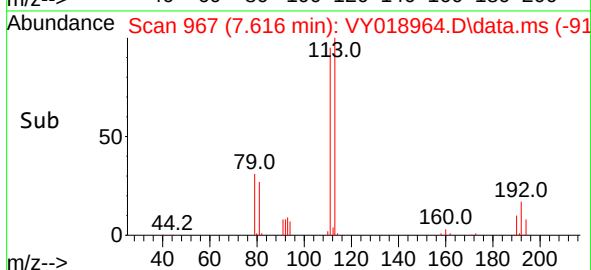
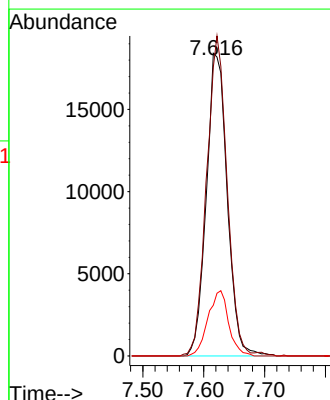
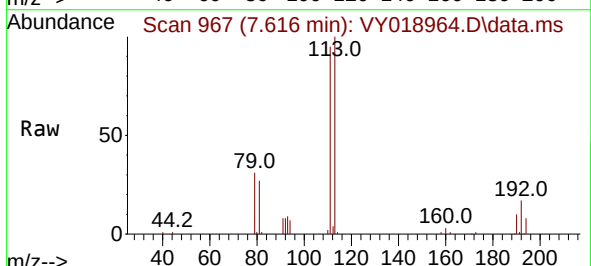
Tgt Ion:113 Resp: 43915

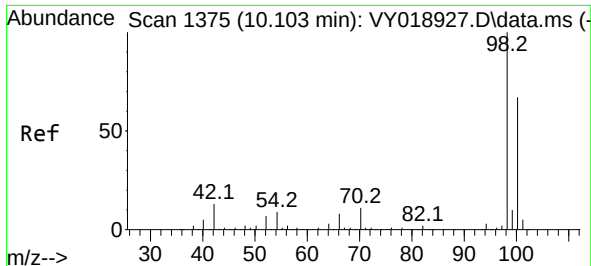
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 21.3 15.9 23.9

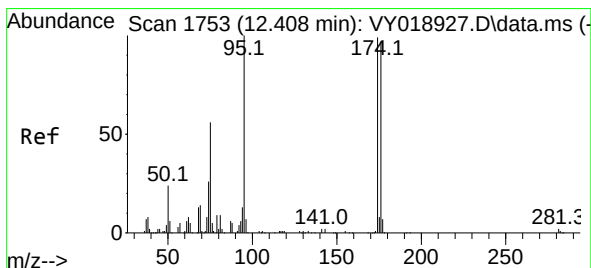
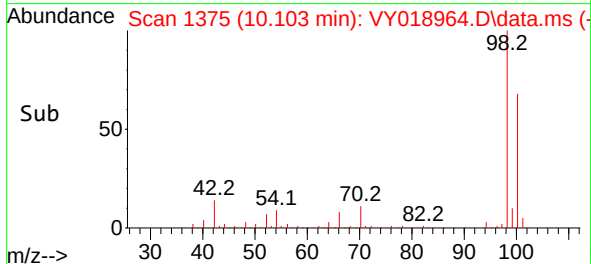
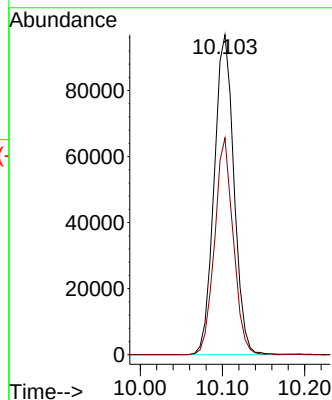
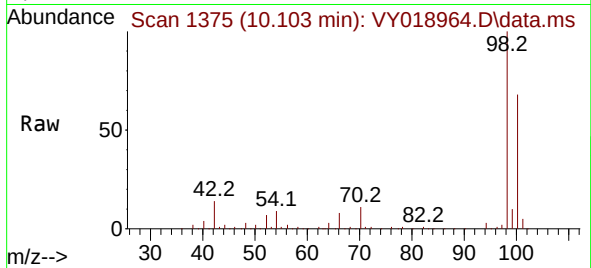




#50
Toluene-d8
Concen: 51.823 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018964.D
Acq: 09 Aug 2024 13:57

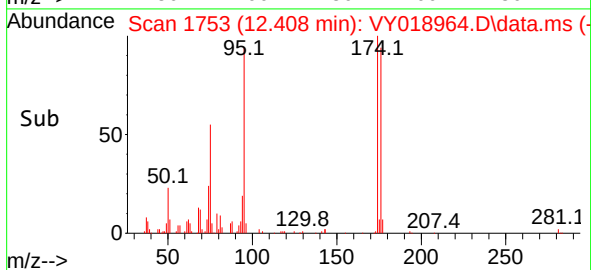
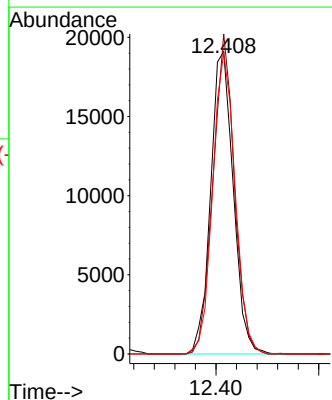
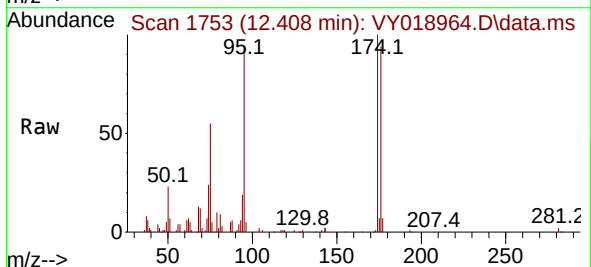
Instrument :
MSVOA_Y
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OU4-TS-03-080724RE

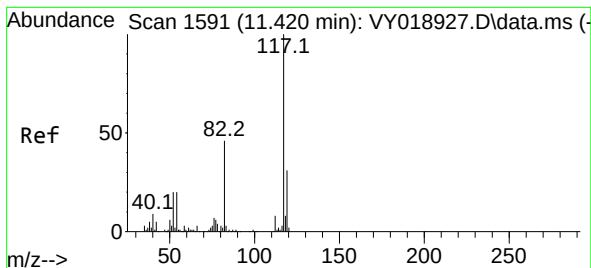
Tgt Ion: 98 Resp: 161574
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 31.579 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018964.D
Acq: 09 Aug 2024 13:57

Tgt Ion: 95 Resp: 29210
Ion Ratio Lower Upper
95 100
174 99.6 0.0 175.6
176 98.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018964.D

Acq: 09 Aug 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-03-080724RE

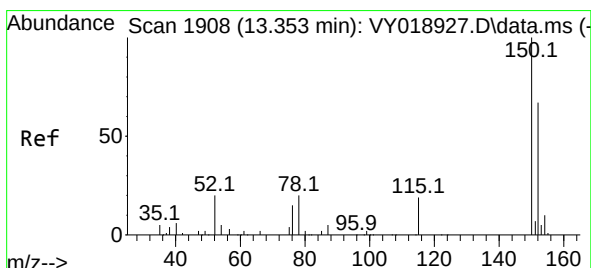
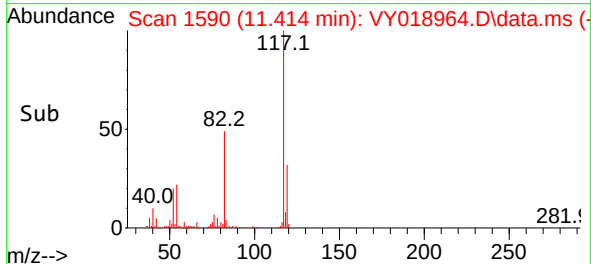
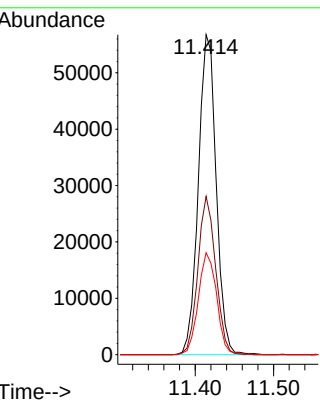
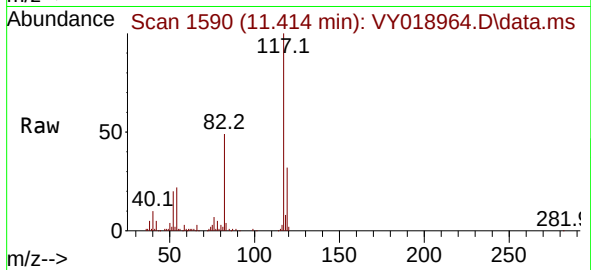
Tgt Ion:117 Resp: 89640

Ion Ratio Lower Upper

117 100

82 49.4 42.4 63.6

119 31.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY018964.D

Acq: 09 Aug 2024 13:57

Tgt Ion:152 Resp: 23213

Ion Ratio Lower Upper

152 100

115 52.6 28.2 84.7

150 153.3 0.0 345.6

