

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016800.D
 Acq On : 22 Dec 2023 09:22
 Operator : SY/MD
 Sample : 05970-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-12202023

Quant Time: Dec 22 10:19:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.819	168	5574	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	8980	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	7033	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	1191	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	2054	40.366	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.740%
35) Dibromofluoromethane	7.746	113	2066	40.164	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.320%
50) Toluene-d8	10.209	98	7064	38.094	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.180%
62) 4-Bromofluorobenzene	12.501	95	1464	24.335	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	48.660%

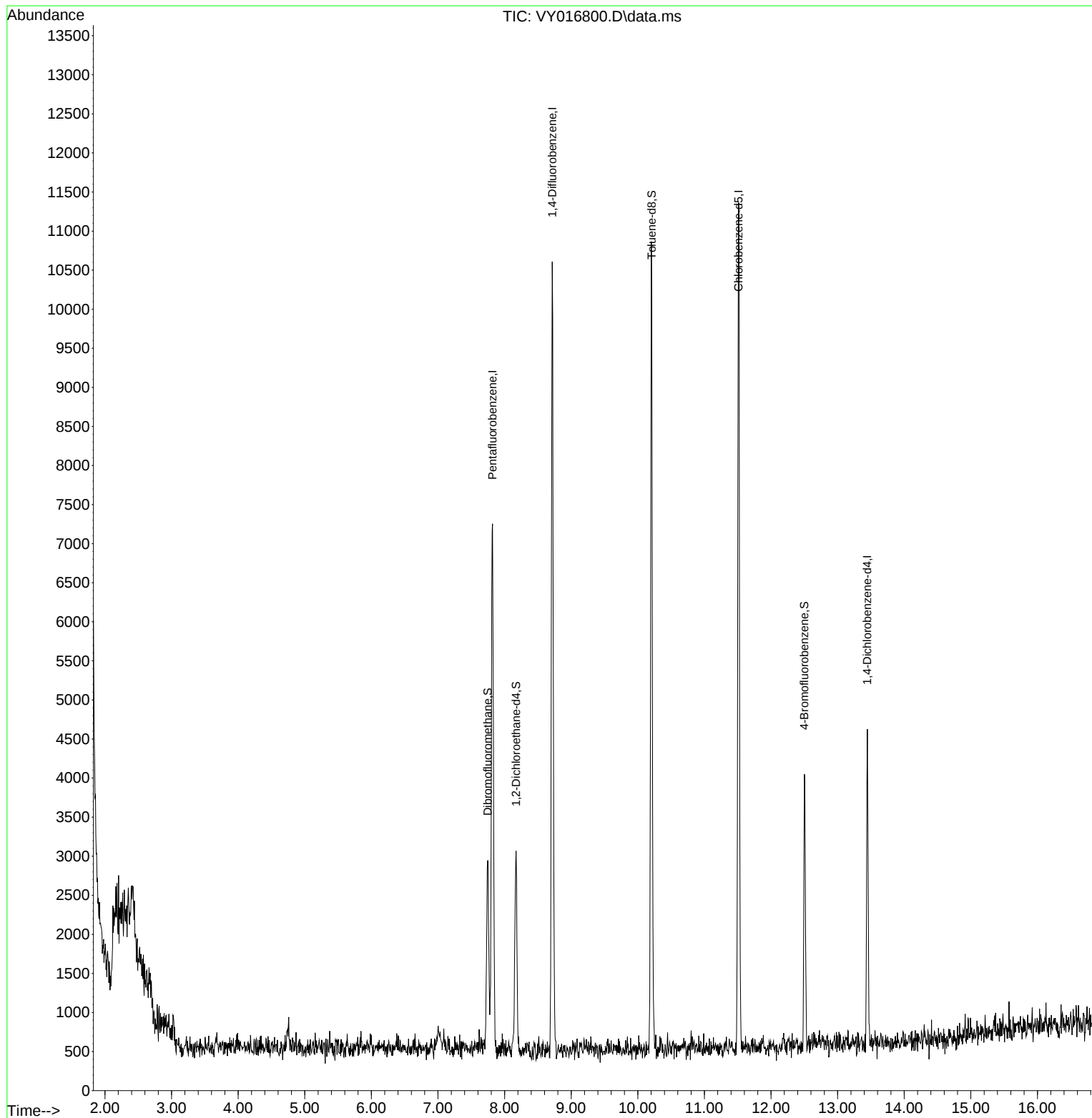
Target Compounds	Qvalue

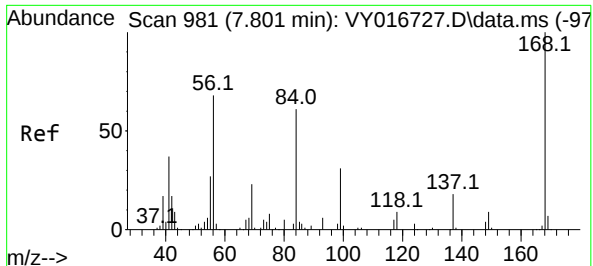
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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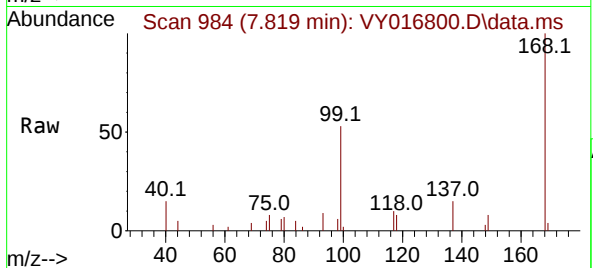
Quant Time: Dec 22 10:19:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
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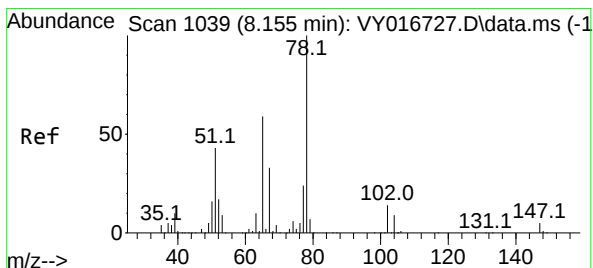
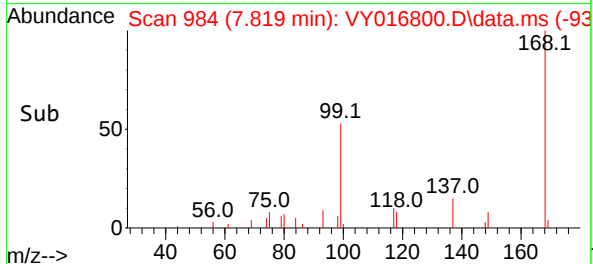
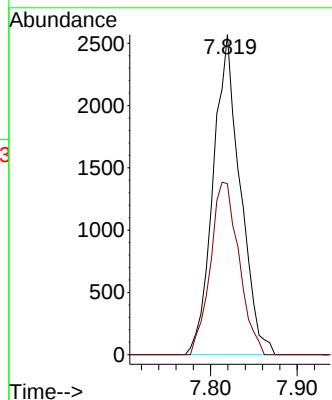


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016800.D
Acq: 22 Dec 2023 09:22

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-12202023

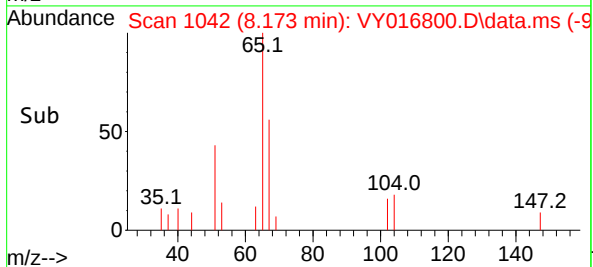
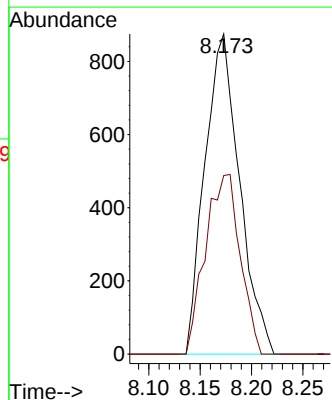
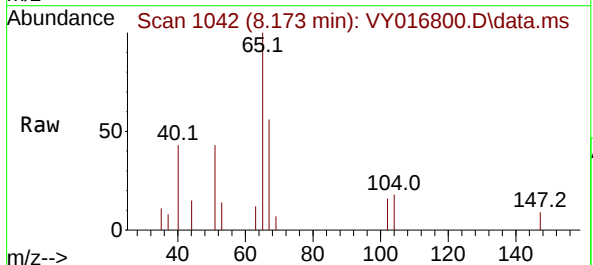


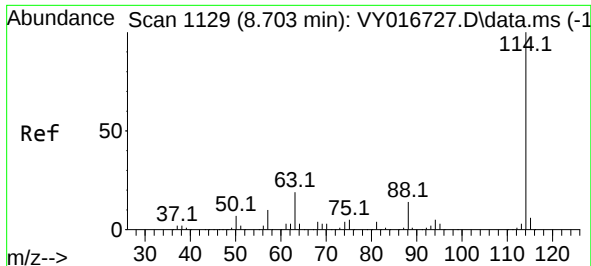
Tgt Ion:168 Resp: 5574
Ion Ratio Lower Upper
168 100
99 53.4 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 40.366 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY016800.D
Acq: 22 Dec 2023 09:22

Tgt Ion: 65 Resp: 2054
Ion Ratio Lower Upper
65 100
67 56.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1129

Delta R.T. 0.013 min

Lab File: VY016800.D

Acq: 22 Dec 2023 09:22

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-12202023

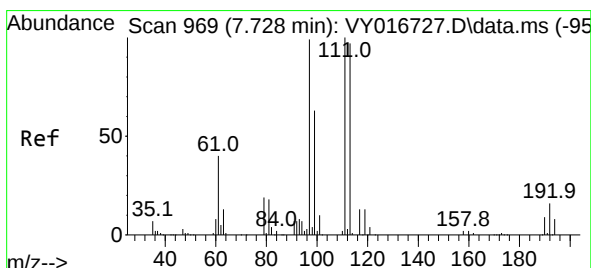
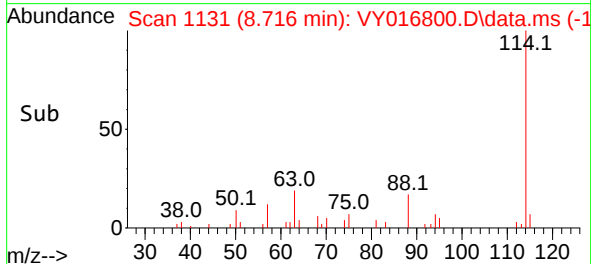
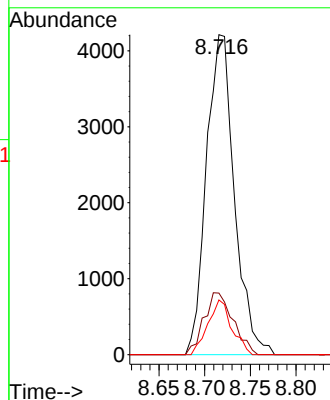
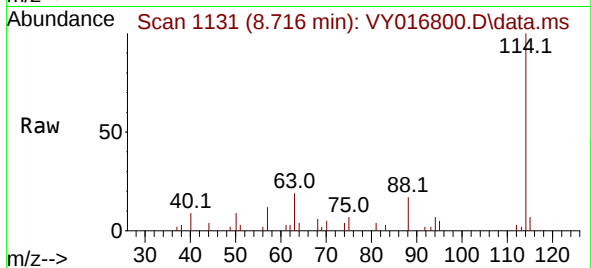
Tgt Ion:114 Resp: 8980

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 17.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 40.164 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY016800.D

Acq: 22 Dec 2023 09:22

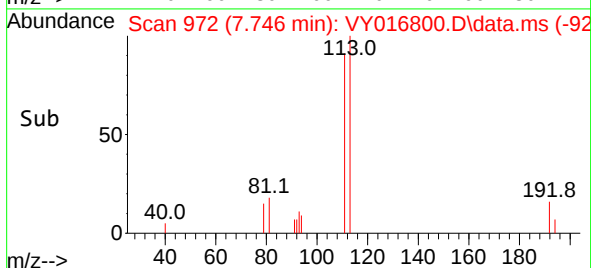
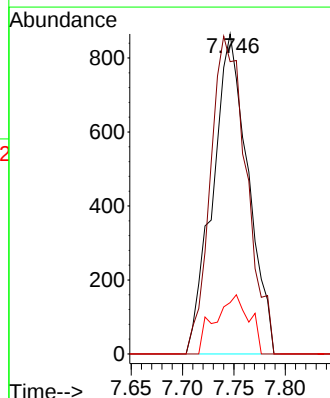
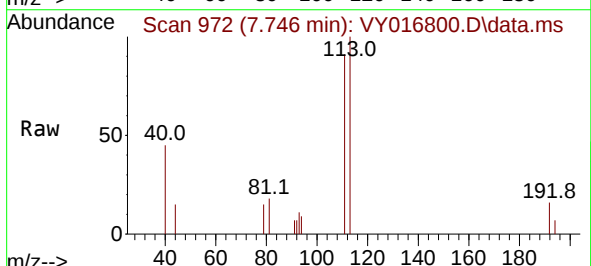
Tgt Ion:113 Resp: 2066

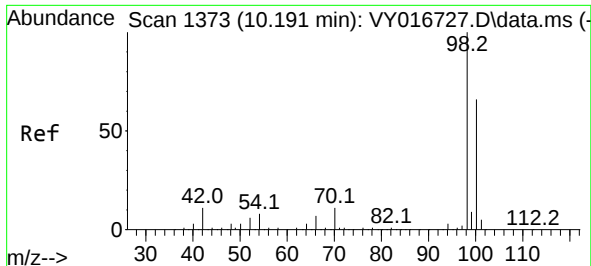
Ion Ratio Lower Upper

113 100

111 101.5 83.8 125.6

192 17.9 14.5 21.7

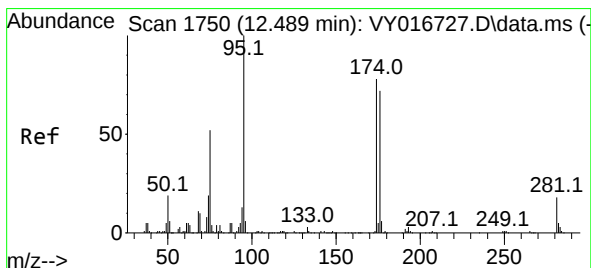
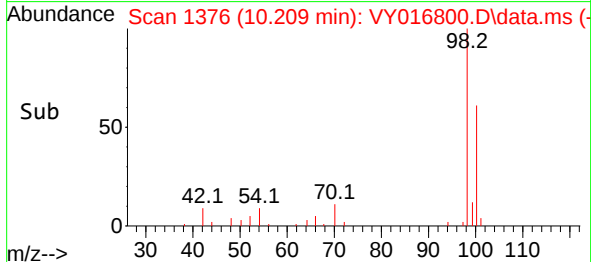
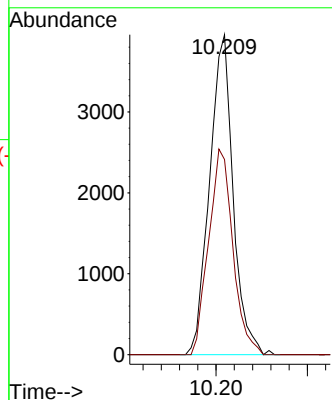
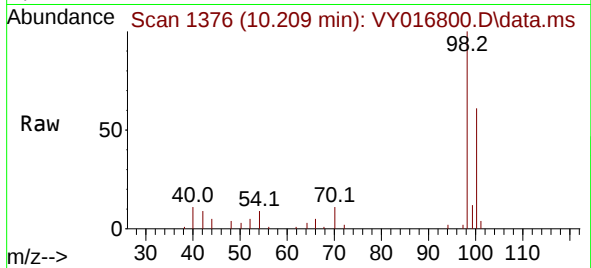




#50
Toluene-d8
Concen: 38.094 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY016800.D
Acq: 22 Dec 2023 09:22

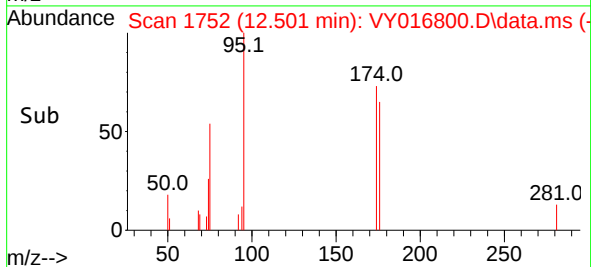
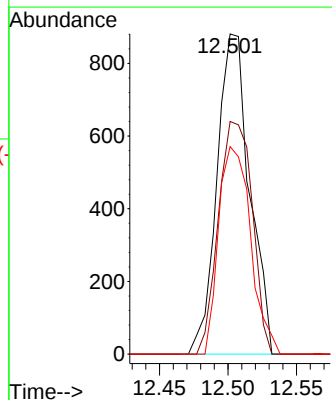
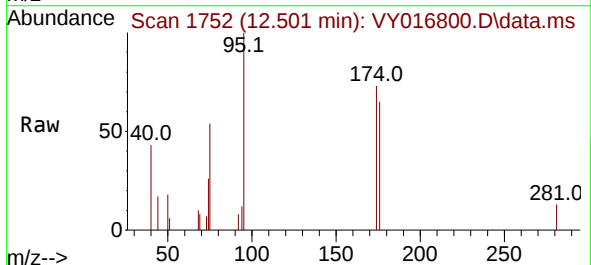
Instrument :
MSVOA_Y
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OK-02-12202023

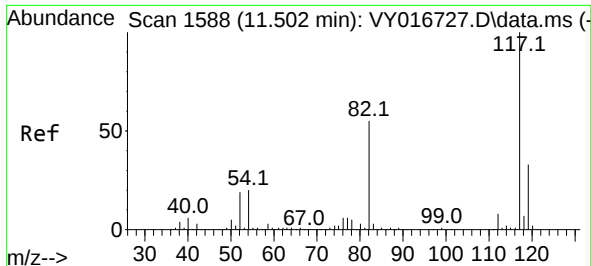
Tgt Ion: 98 Resp: 7064
Ion Ratio Lower Upper
98 100
100 66.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 24.335 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016800.D
Acq: 22 Dec 2023 09:22

Tgt Ion: 95 Resp: 1464
Ion Ratio Lower Upper
95 100
174 75.2 0.0 160.0
176 63.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016800.D

Acq: 22 Dec 2023 09:22

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-12202023

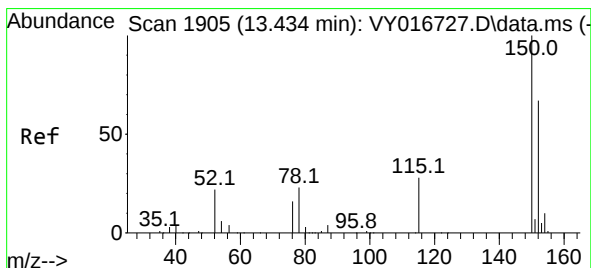
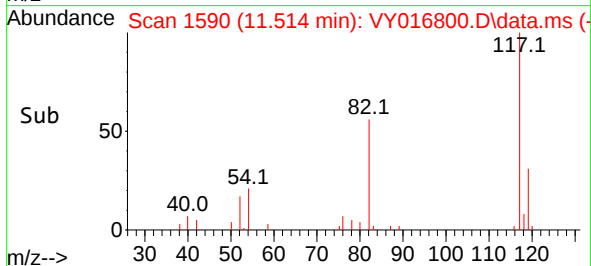
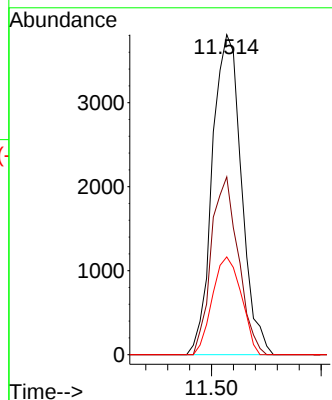
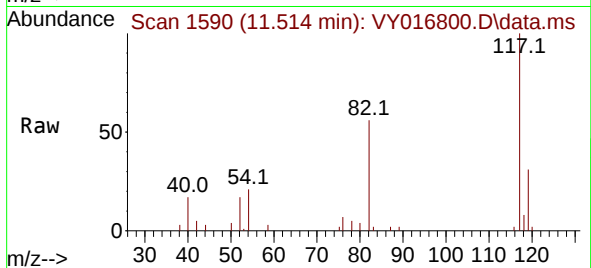
Tgt Ion:117 Resp: 7033

Ion Ratio Lower Upper

117 100

82 55.6 43.8 65.8

119 30.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016800.D

Acq: 22 Dec 2023 09:22

Tgt Ion:152 Resp: 1191

Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 154.9 0.0 344.6

