

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
 Data File : VY012004.D
 Acq On : 23 Dec 2022 17:45
 Operator : KP/MD
 Sample : N6208-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-122322

Quant Time: Dec 23 22:26:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	189885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	336115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	311987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136377	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	110808	57.922	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.840%
35) Dibromofluoromethane	7.716	113	104506	51.646	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.300%
50) Toluene-d8	10.179	98	404646	49.288	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.483	95	127567	46.201	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.400%

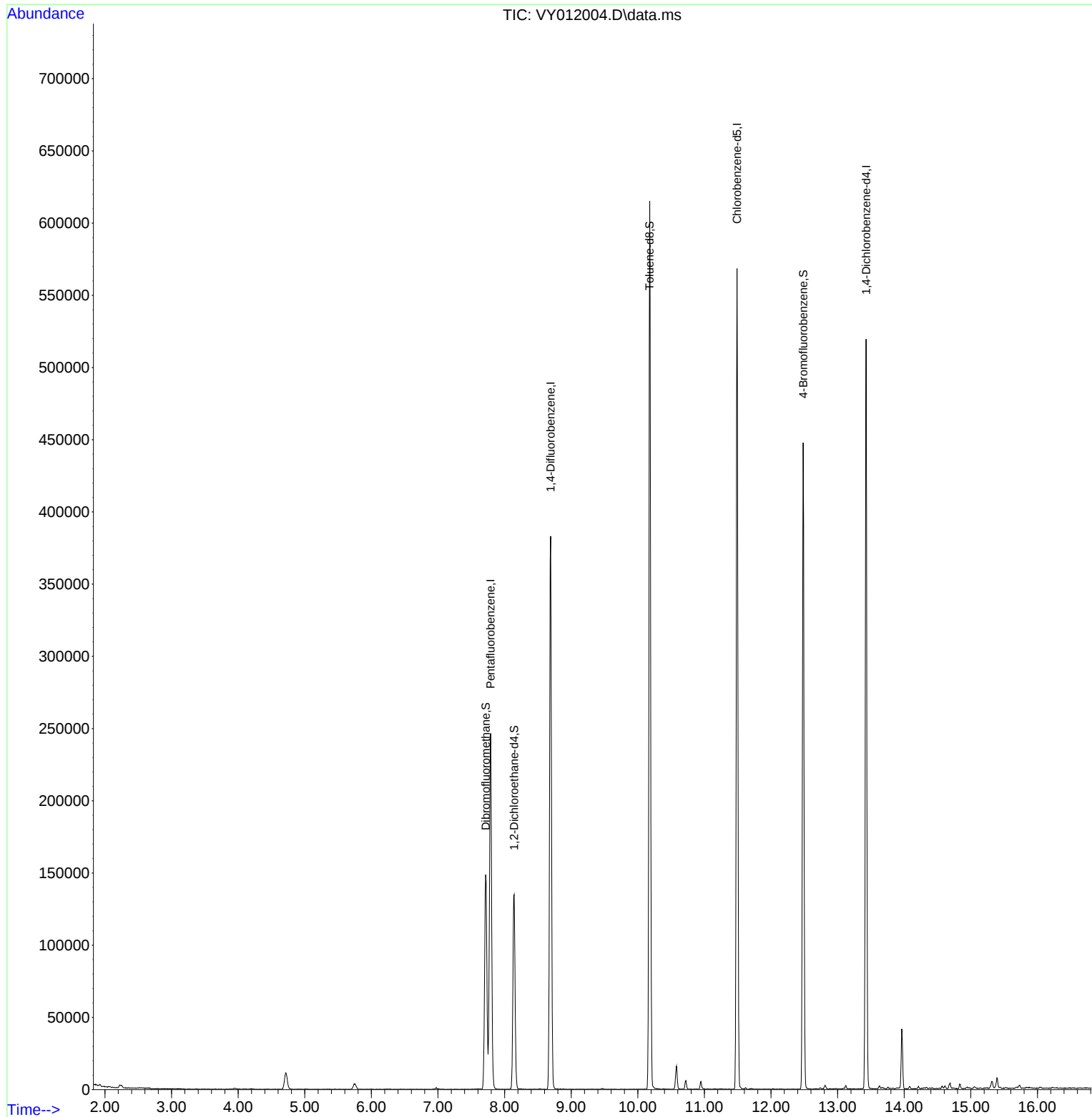
Target Compounds	Qvalue

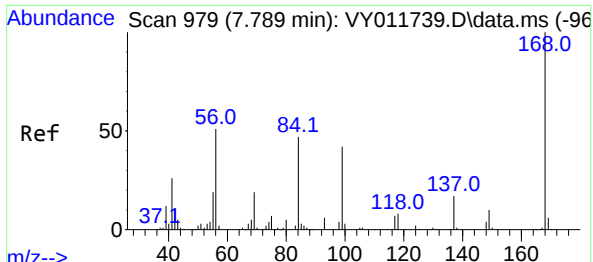
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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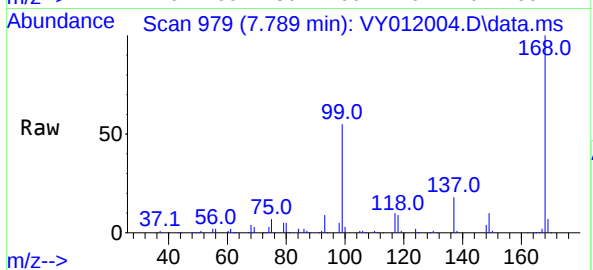
Quant Time: Dec 23 22:26:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
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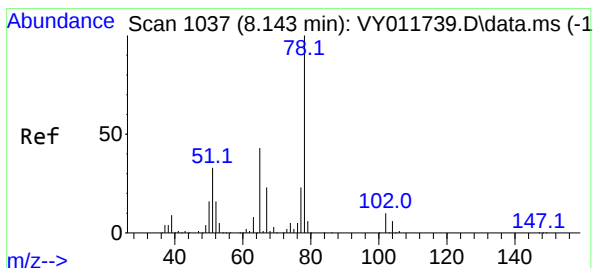
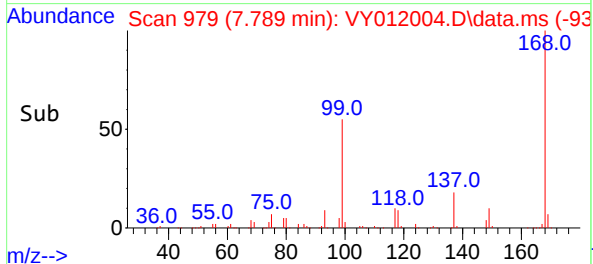
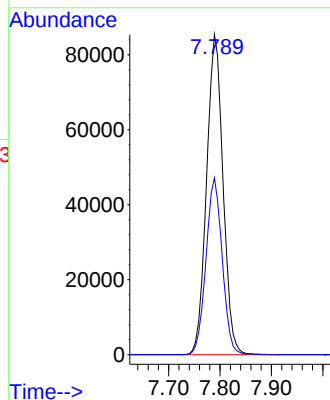


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012004.D
Acq: 23 Dec 2022 17:45

Instrument :
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ClientSampleId :
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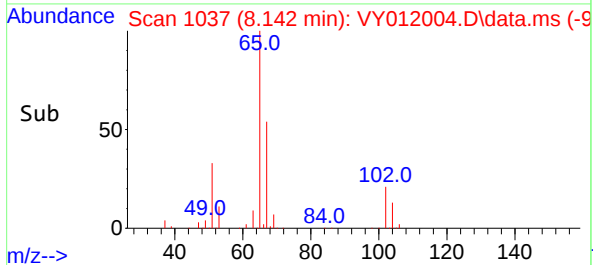
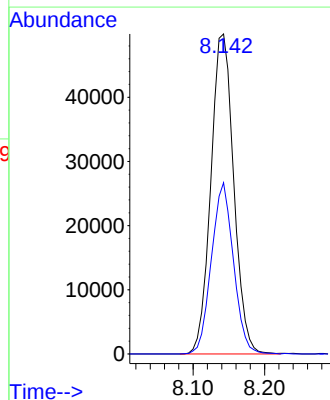
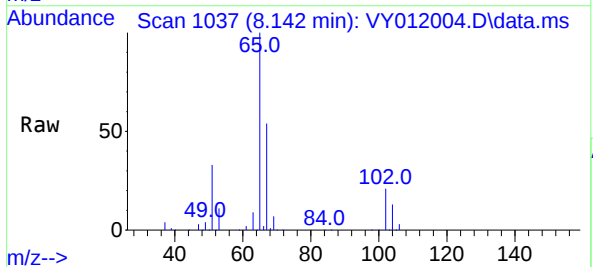


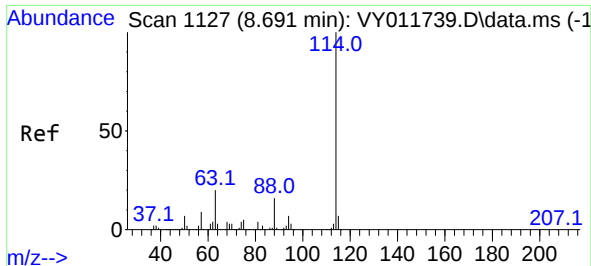
Tgt Ion:168 Resp: 189885
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 57.922 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012004.D
Acq: 23 Dec 2022 17:45

Tgt Ion: 65 Resp: 110808
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012004.D

Acq: 23 Dec 2022 17:45

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-122322

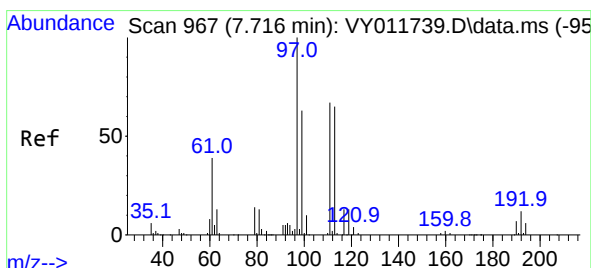
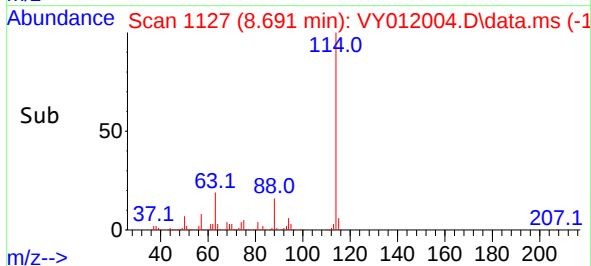
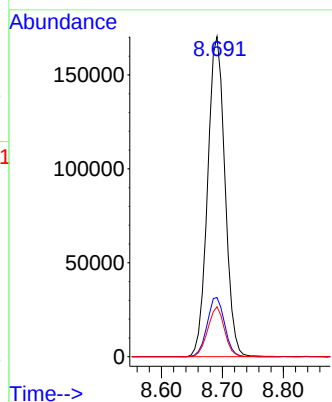
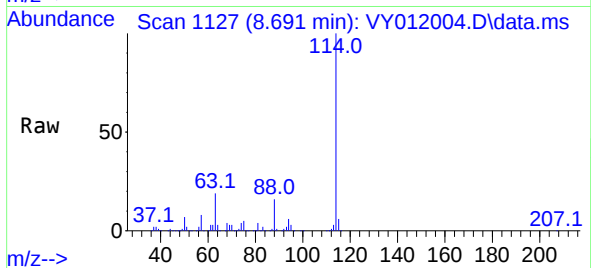
Tgt Ion:114 Resp: 336115

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

88 15.6 0.0 32.2



#35

Dibromofluoromethane

Concen: 51.646 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012004.D

Acq: 23 Dec 2022 17:45

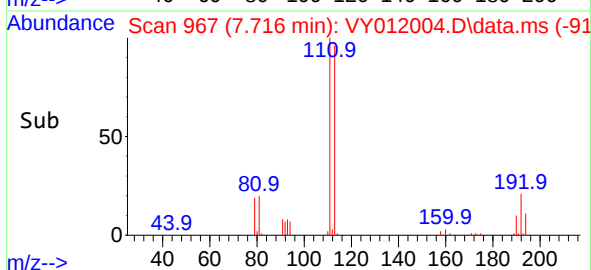
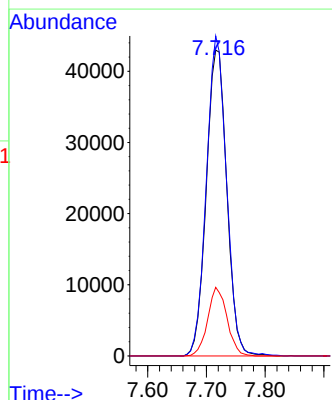
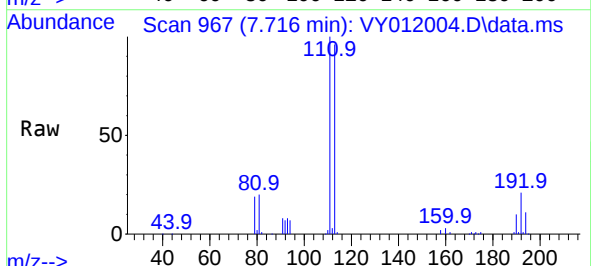
Tgt Ion:113 Resp: 104506

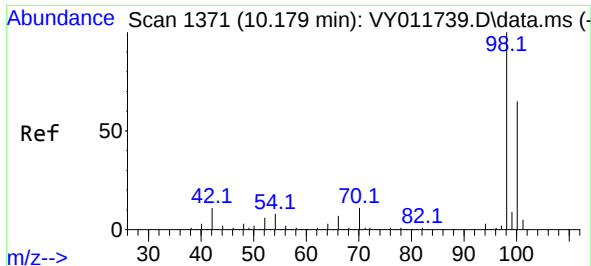
Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.4

192 21.1 16.0 24.0

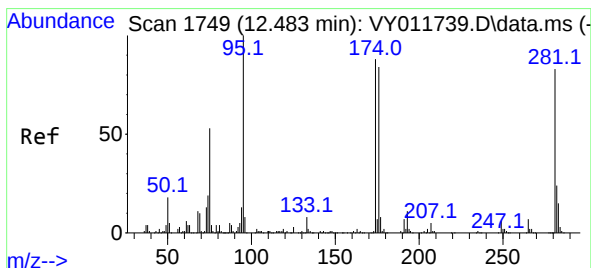
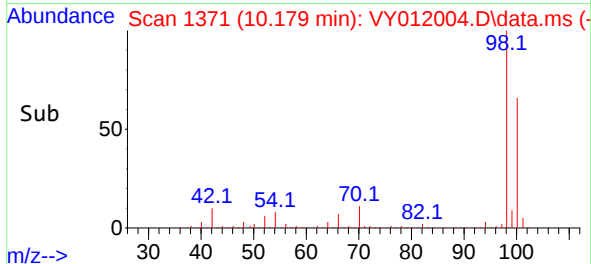
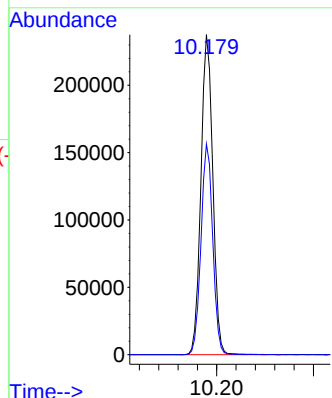
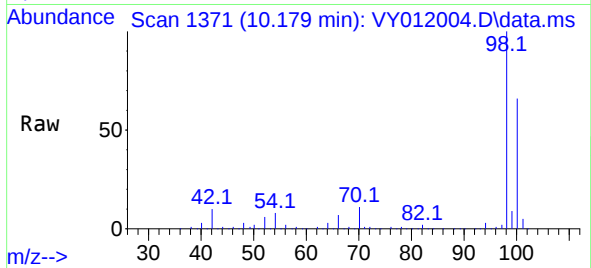




#50
Toluene-d8
Concen: 49.288 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012004.D
Acq: 23 Dec 2022 17:45

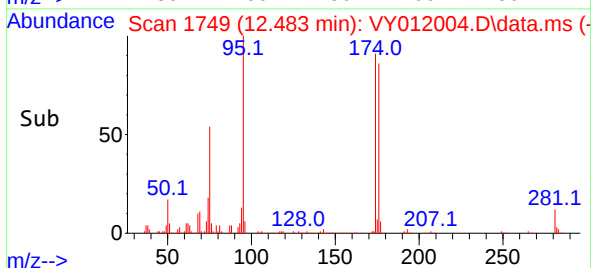
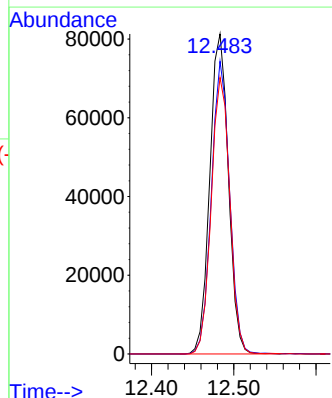
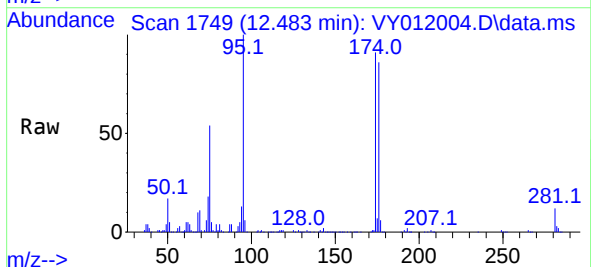
Instrument :
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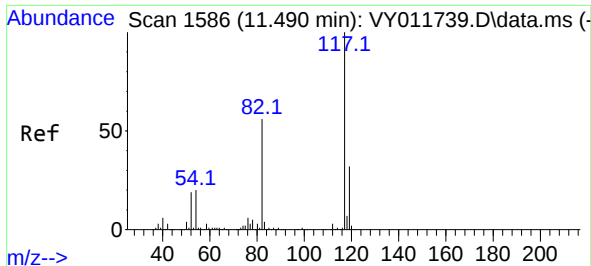
Tgt Ion: 98 Resp: 404646
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.201 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012004.D
Acq: 23 Dec 2022 17:45

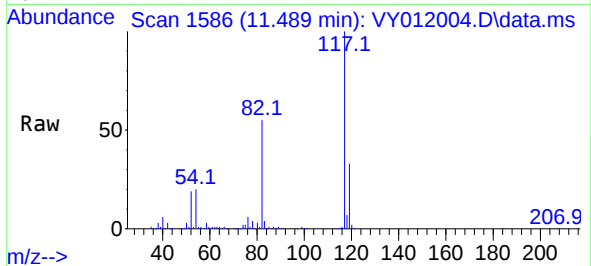
Tgt Ion: 95 Resp: 127567
Ion Ratio Lower Upper
95 100
174 89.7 0.0 172.0
176 86.3 0.0 167.6



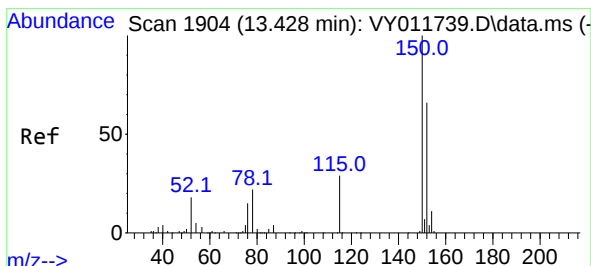
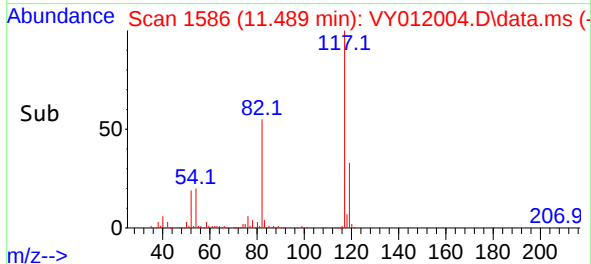
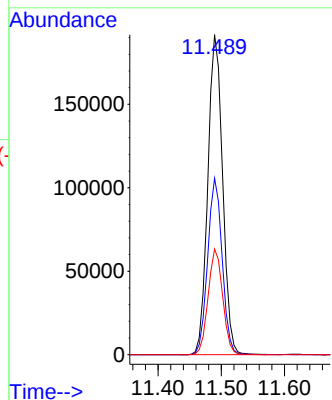


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012004.D
Acq: 23 Dec 2022 17:45

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-122322



Tgt Ion:117 Resp: 311987
Ion Ratio Lower Upper
117 100
82 55.1 44.8 67.2
119 33.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012004.D
Acq: 23 Dec 2022 17:45

Tgt Ion:152 Resp: 136377
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.3
150 158.1 0.0 342.6

