

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
 Data File : VY007589.D
 Acq On : 22 Feb 2022 18:04
 Operator : SY/MD
 Sample : N1635-05
 Misc : 4.40g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-124019

Quant Time: Feb 23 03:32:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 15:25:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	69435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	112165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	115948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60387	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	42759	59.458	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.920%
35) Dibromofluoromethane	7.722	113	40049	56.310	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.620%
50) Toluene-d8	10.179	98	131299	53.244	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.480%
62) 4-Bromofluorobenzene	12.477	95	52916	59.263	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.520%

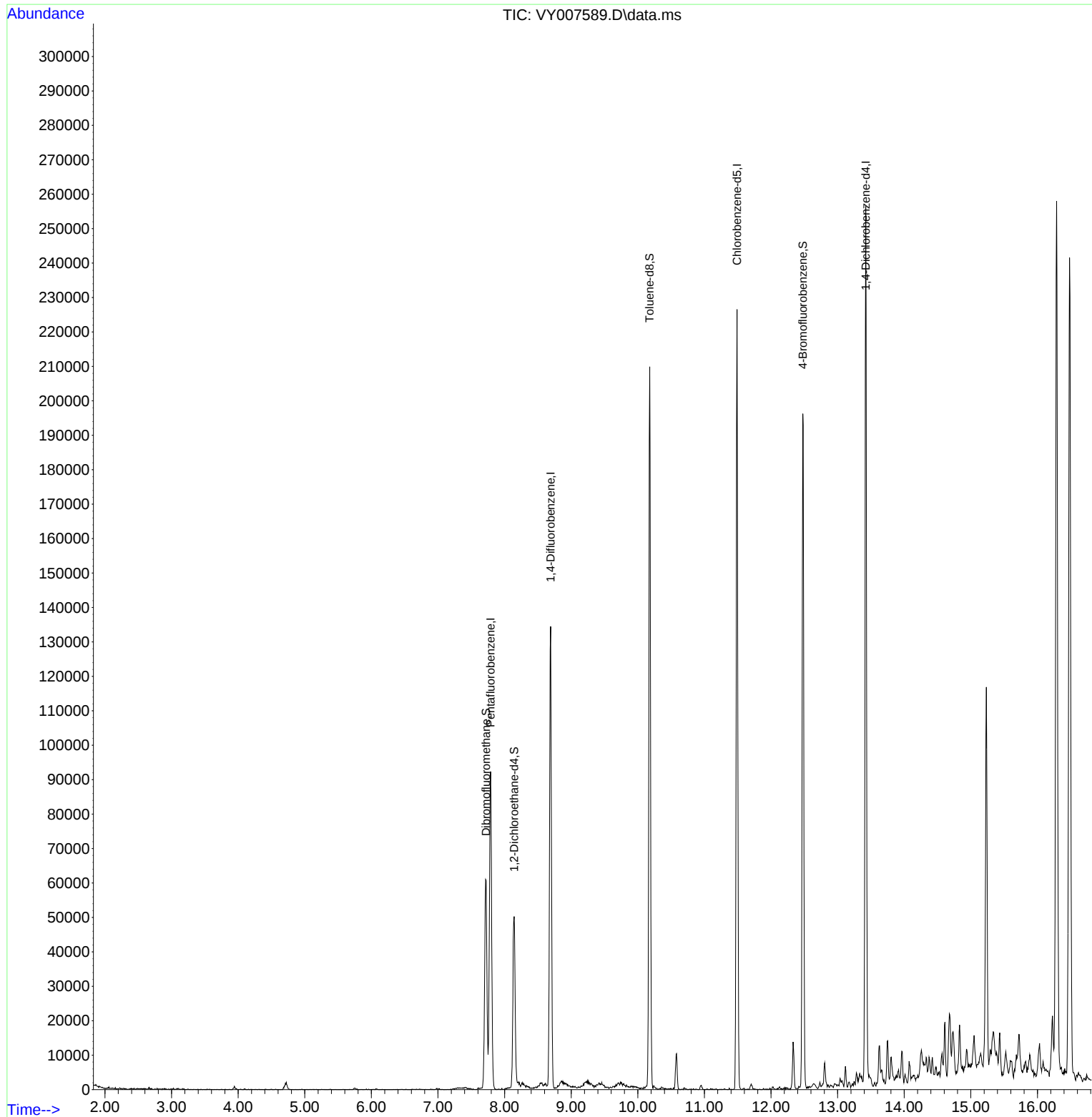
Target Compounds	Qvalue

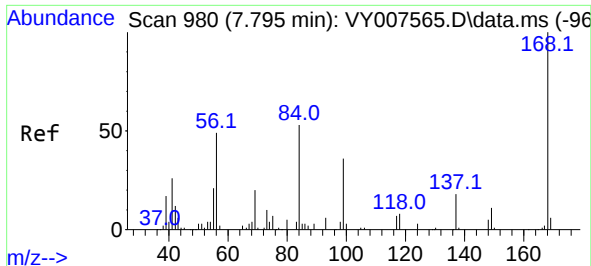
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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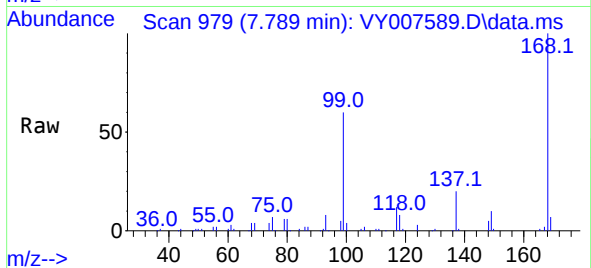
Quant Time: Feb 23 03:32:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
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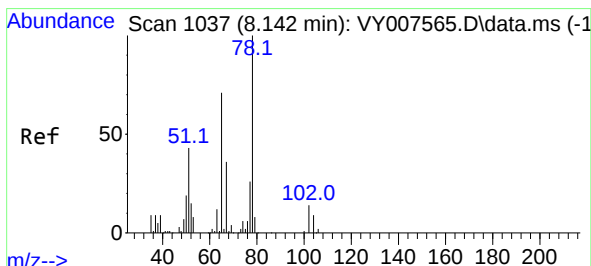
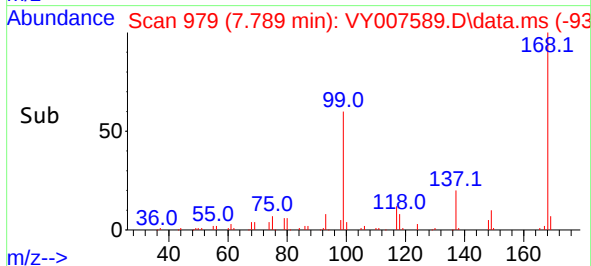
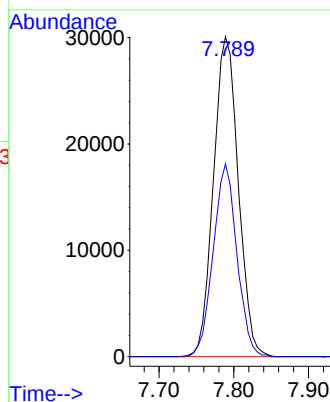


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007589.D
Acq: 22 Feb 2022 18:04

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ClientSampleId :
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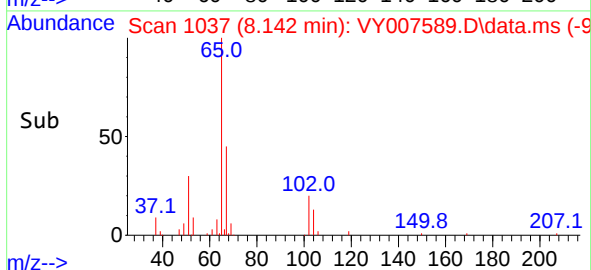
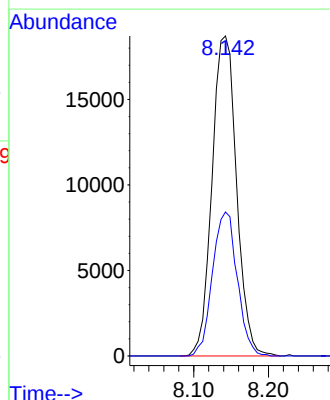
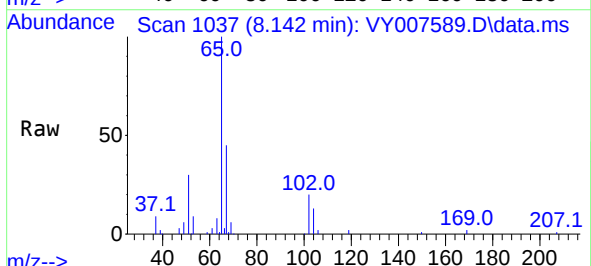


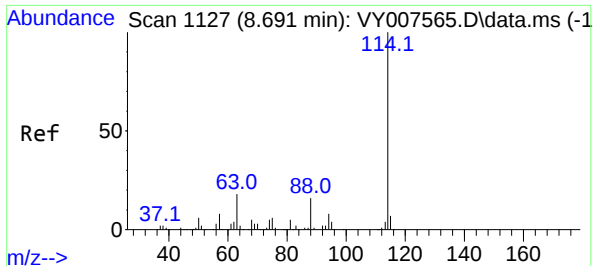
Tgt Ion:168 Resp: 69435
Ion Ratio Lower Upper
168 100
99 60.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.458 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007589.D
Acq: 22 Feb 2022 18:04

Tgt Ion: 65 Resp: 42759
Ion Ratio Lower Upper
65 100
67 45.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007589.D

Acq: 22 Feb 2022 18:04

Instrument :

MSVOA_Y

ClientSampleId :

RO-124019

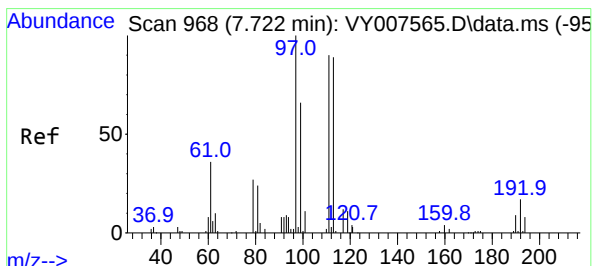
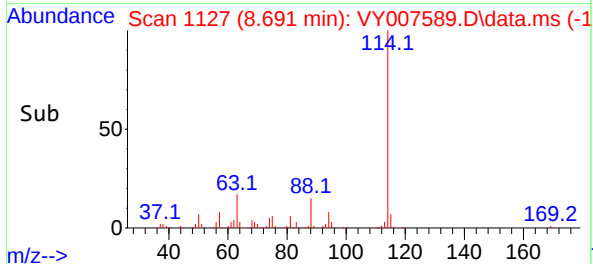
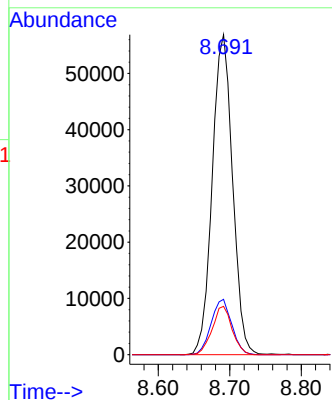
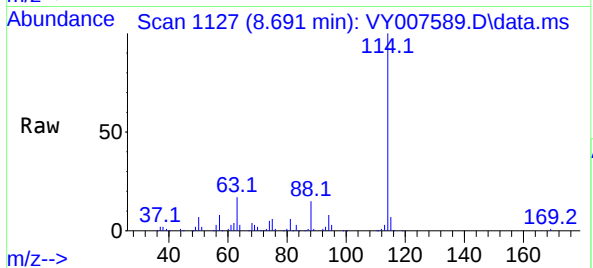
Tgt Ion:114 Resp: 112165

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.310 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007589.D

Acq: 22 Feb 2022 18:04

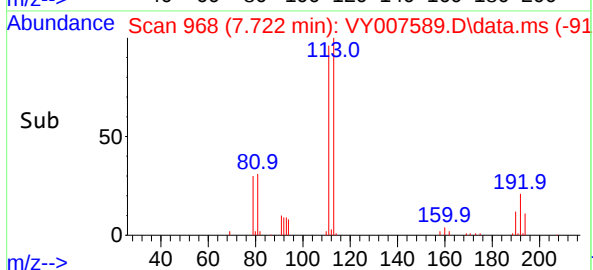
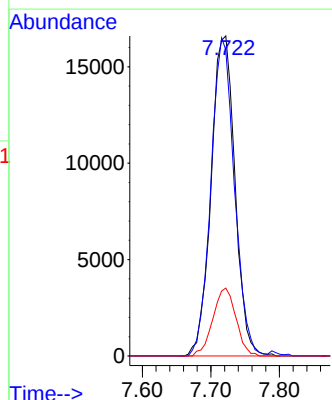
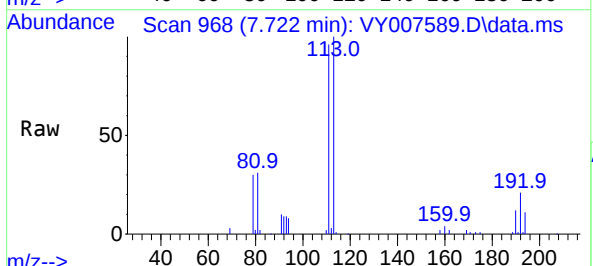
Tgt Ion:113 Resp: 40049

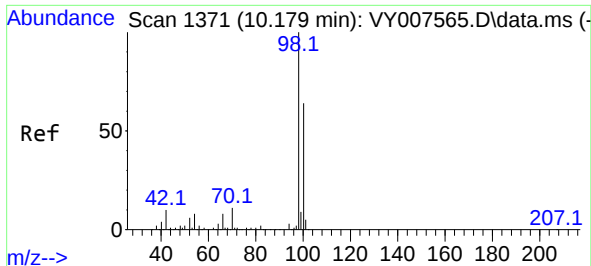
Ion Ratio Lower Upper

113 100

111 98.1 82.6 124.0

192 20.5 17.6 26.4

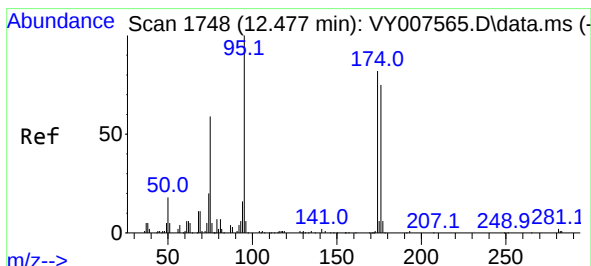
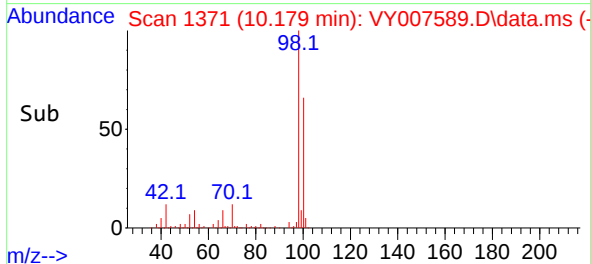
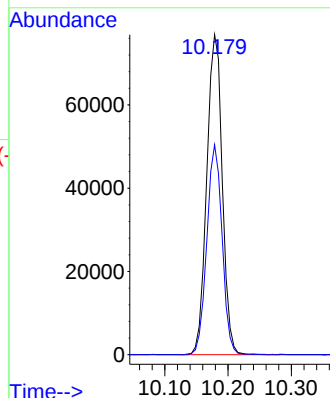
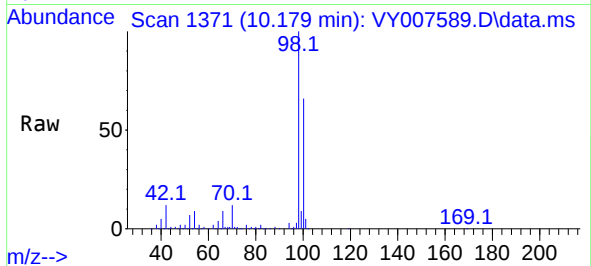




#50
Toluene-d8
Concen: 53.244 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007589.D
Acq: 22 Feb 2022 18:04

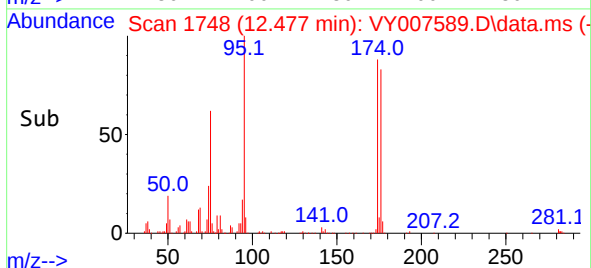
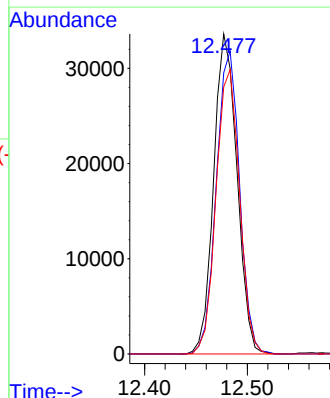
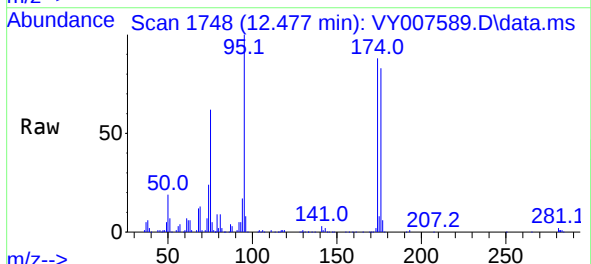
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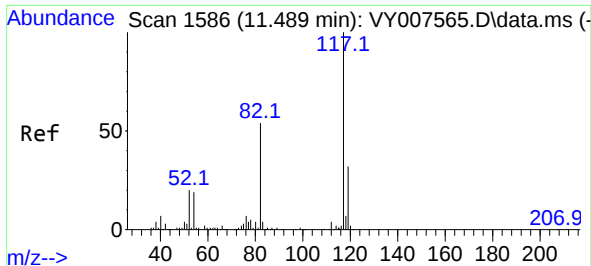
Tgt Ion: 98 Resp: 131299
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 59.263 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY007589.D
Acq: 22 Feb 2022 18:04

Tgt Ion: 95 Resp: 52916
Ion Ratio Lower Upper
95 100
174 94.6 0.0 177.0
176 89.5 0.0 175.8

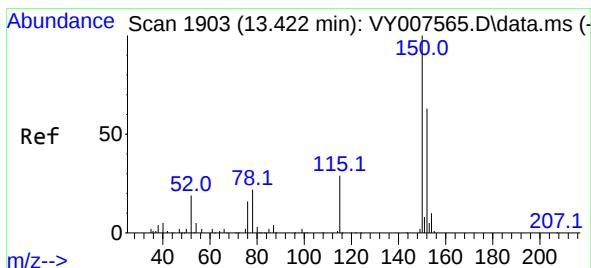
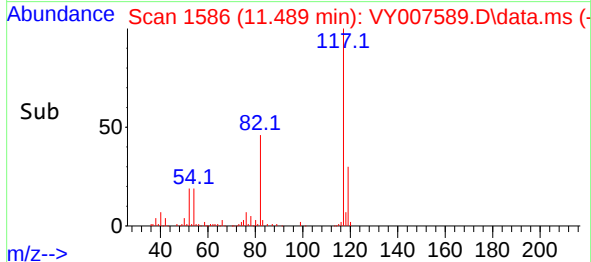
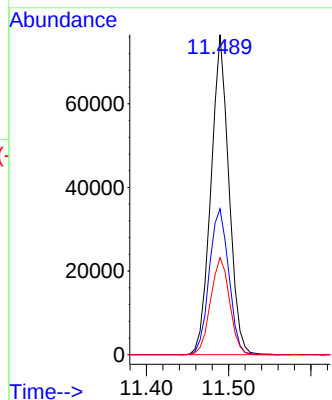
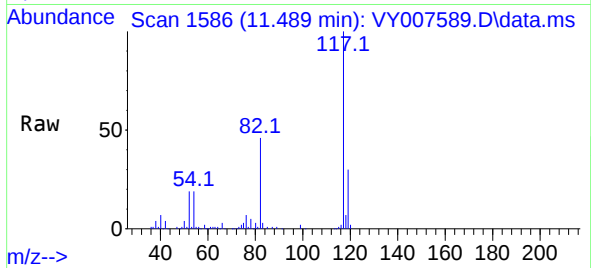




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007589.D
Acq: 22 Feb 2022 18:04

Instrument :
MSVOA_Y
ClientSampleId :
RO-124019

Tgt Ion:117 Resp: 115948
Ion Ratio Lower Upper
117 100
82 45.6 43.0 64.4
119 30.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007589.D
Acq: 22 Feb 2022 18:04

Tgt Ion:152 Resp: 60387
Ion Ratio Lower Upper
152 100
115 59.5 28.2 84.7
150 156.3 0.0 347.6

