

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020923\
 Data File : VY012561.D
 Acq On : 09 Feb 2023 13:12
 Operator : KP/MD
 Sample : 01504-07
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRIP-BLANK

Quant Time: Feb 10 05:57:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

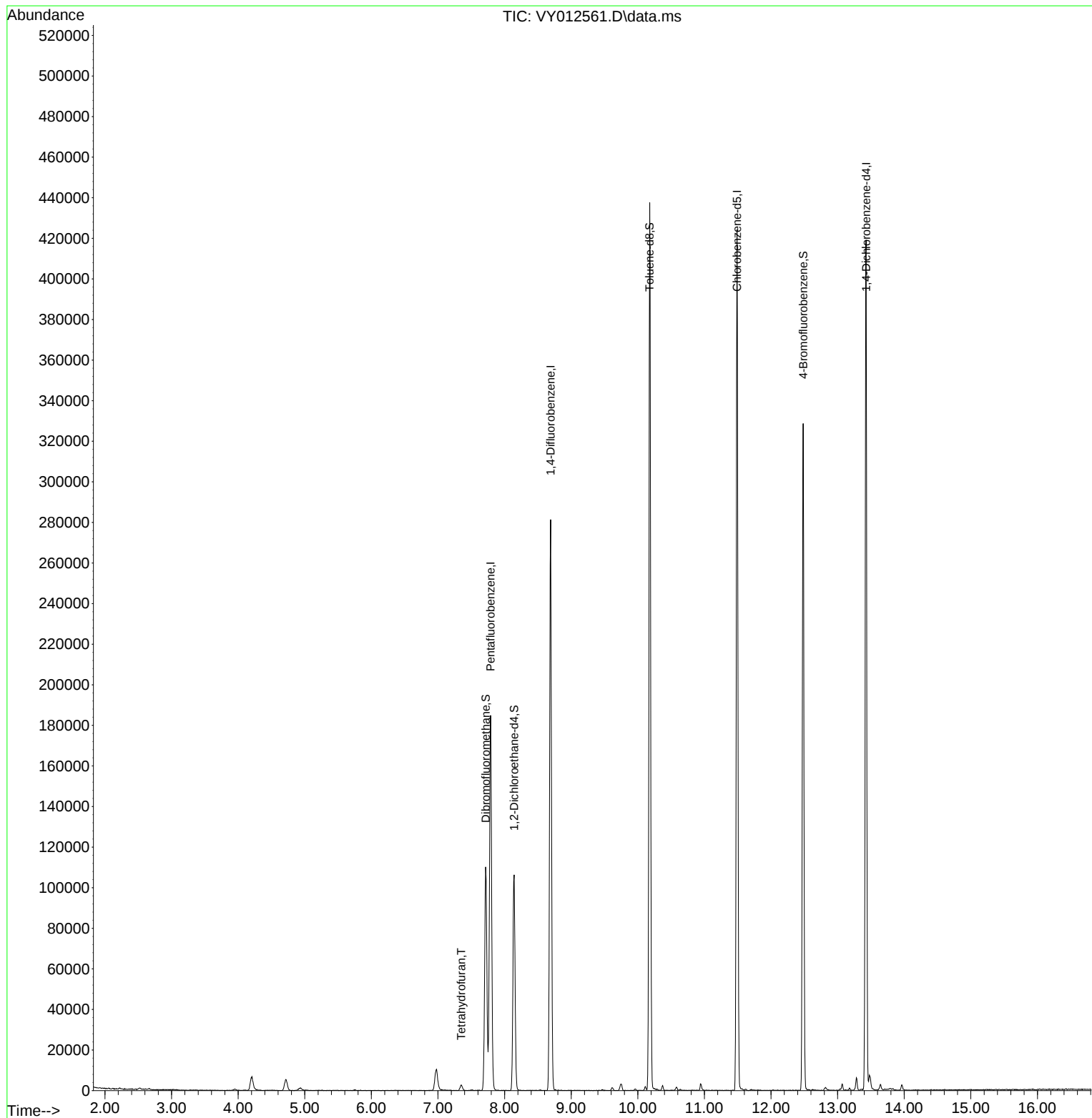
Internal Standards						
1) Pentafluorobenzene	7.789	168	147652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	248262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	243989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	89215	47.516	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.040%
35) Dibromofluoromethane	7.716	113	74752	41.345	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.700%
50) Toluene-d8	10.179	98	295089	39.212	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.420%
62) 4-Bromofluorobenzene	12.483	95	98842	37.656	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.320%
Target Compounds						
29) Tetrahydrofuran	7.350	42	1832	6.759	ug/l	98

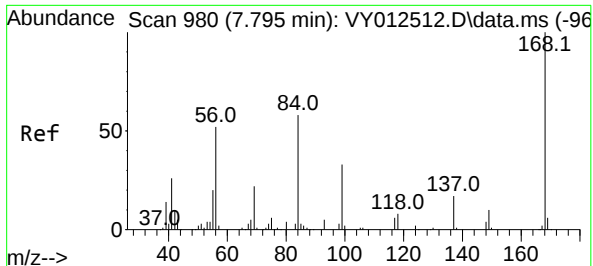
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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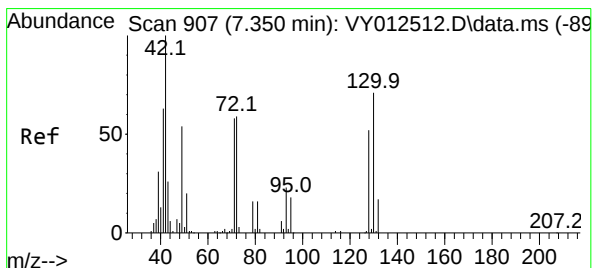
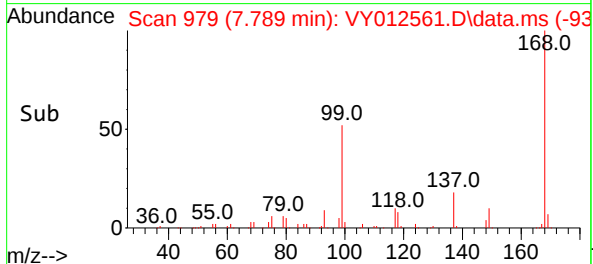
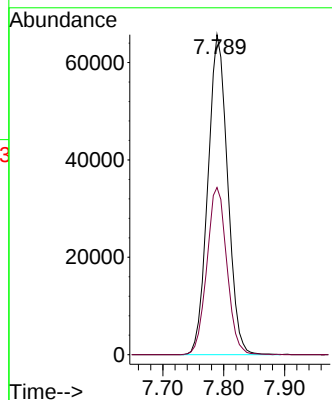
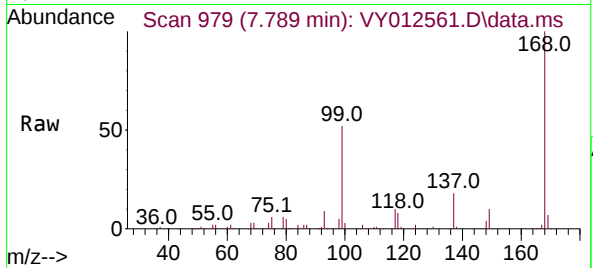




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012561.D
Acq: 09 Feb 2023 13:12

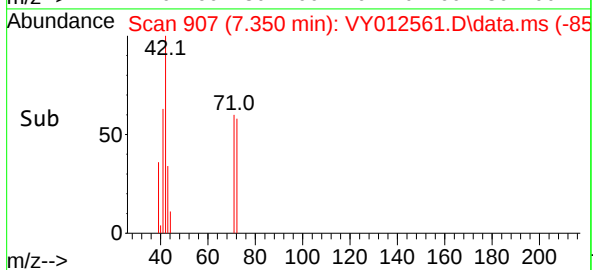
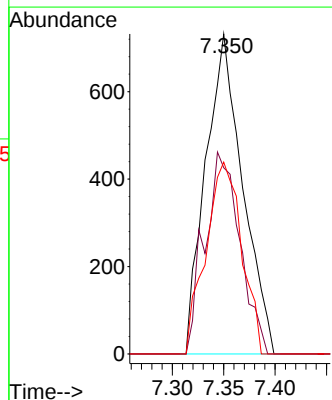
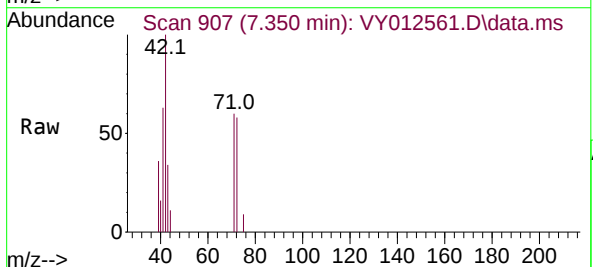
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

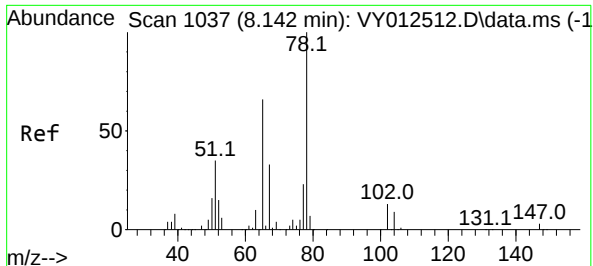
Tgt Ion:168 Resp: 147652
Ion Ratio Lower Upper
168 100
99 52.3 40.8 61.2



#29
Tetrahydrofuran
Concen: 6.759 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY012561.D
Acq: 09 Feb 2023 13:12

Tgt Ion: 42 Resp: 1832
Ion Ratio Lower Upper
42 100
72 59.9 47.0 70.6
71 58.0 44.6 66.8





#33

1,2-Dichloroethane-d4

Concen: 47.516 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY012561.D

Acq: 09 Feb 2023 13:12

Instrument :

MSVOA_Y

ClientSampleId :

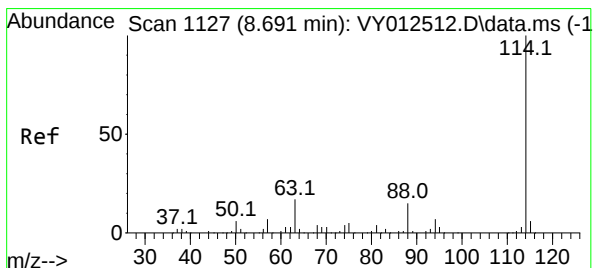
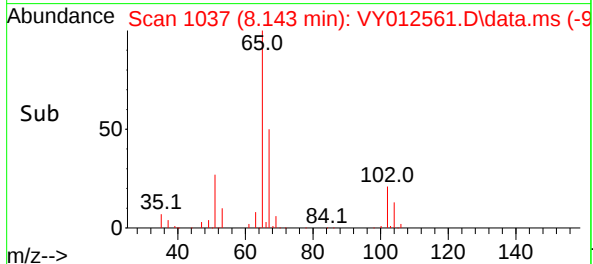
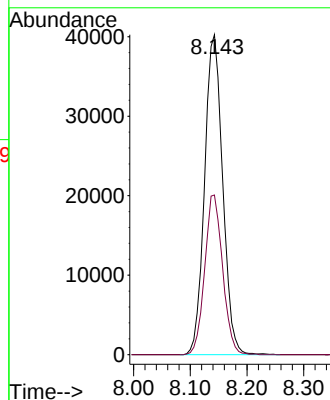
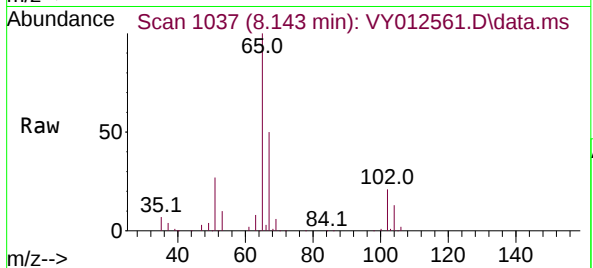
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Tgt Ion: 65 Resp: 89215

Ion Ratio Lower Upper

65 100

67 49.4 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012561.D

Acq: 09 Feb 2023 13:12

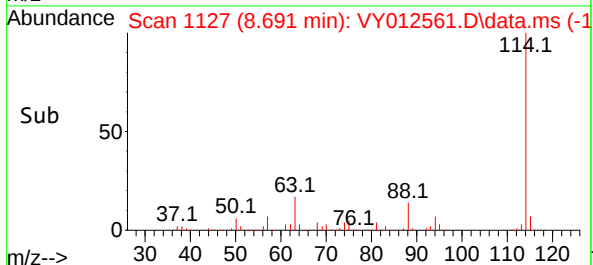
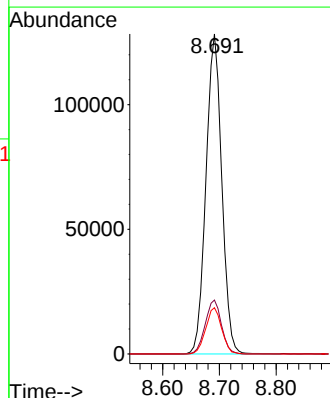
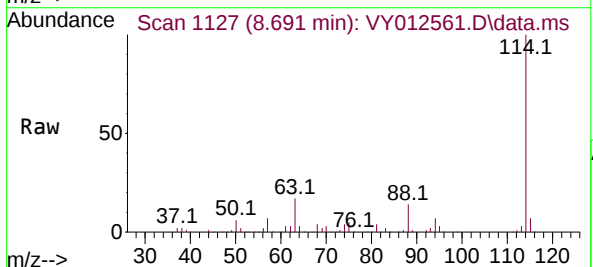
Tgt Ion: 114 Resp: 248262

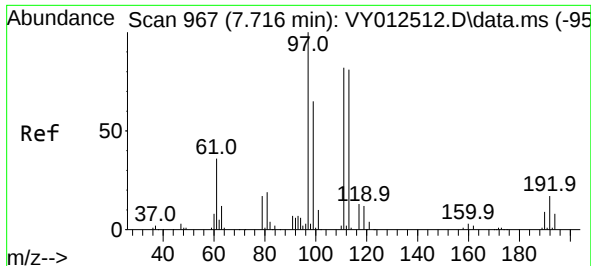
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.6

88 14.5 0.0 29.8

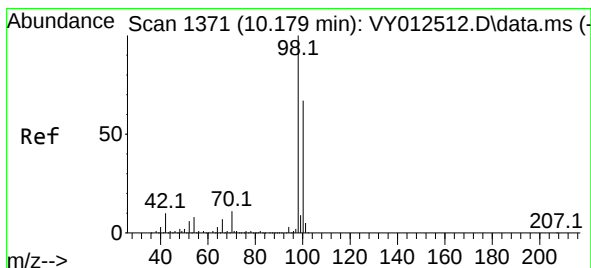
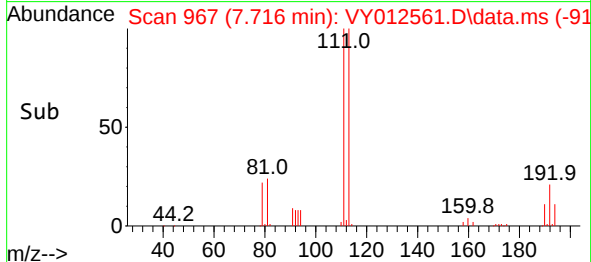
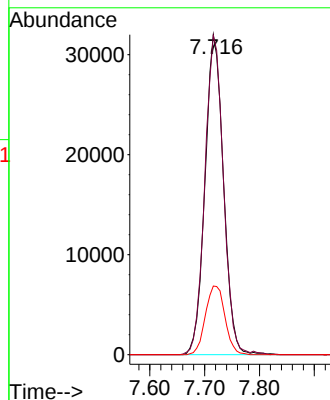
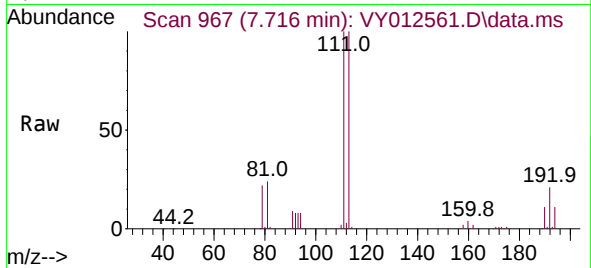




#35
Dibromofluoromethane
Concen: 41.345 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012561.D
Acq: 09 Feb 2023 13:12

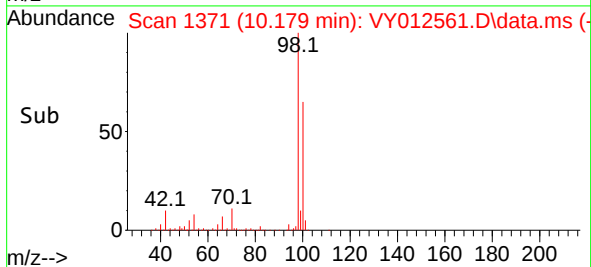
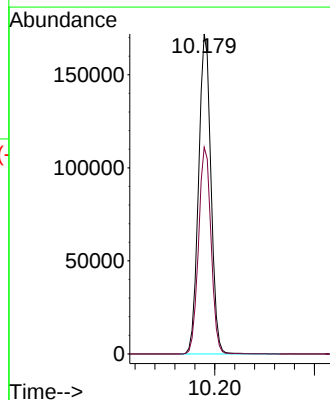
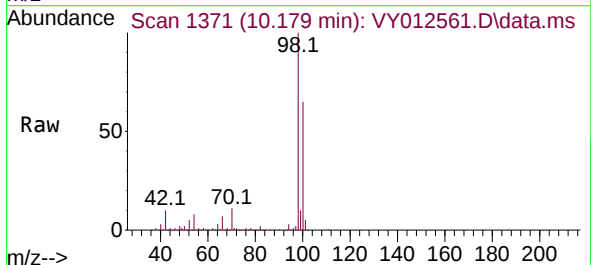
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

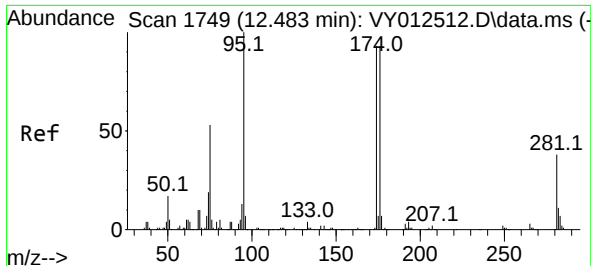
Tgt Ion:113 Resp: 74752
Ion Ratio Lower Upper
113 100
111 100.8 81.9 122.9
192 22.7 17.5 26.3



#50
Toluene-d8
Concen: 39.212 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012561.D
Acq: 09 Feb 2023 13:12

Tgt Ion: 98 Resp: 295089
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2

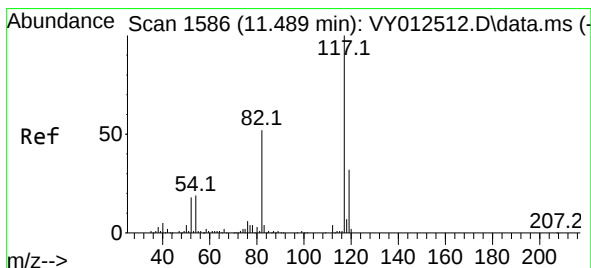
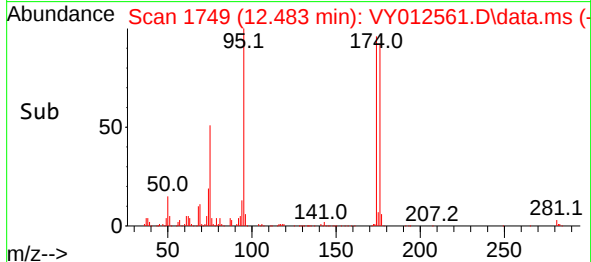
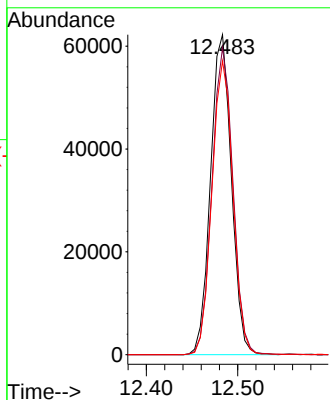
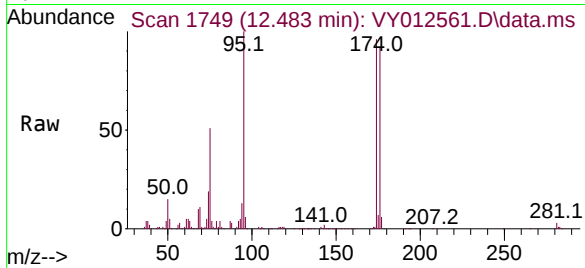




#62
4-Bromofluorobenzene
Concen: 37.656 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012561.D
Acq: 09 Feb 2023 13:12

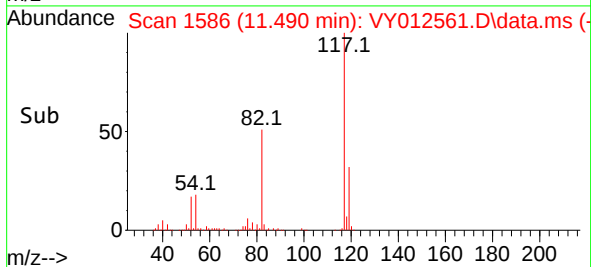
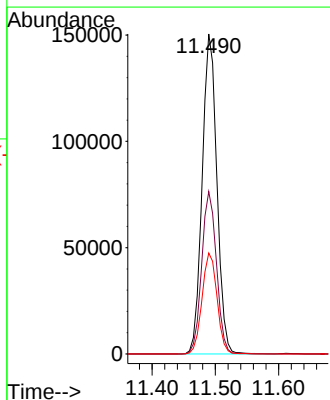
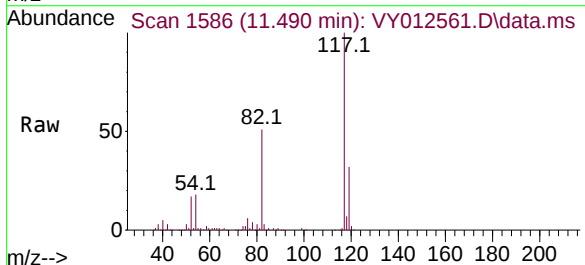
Instrument :
MSVOA_Y
ClientSampleId :
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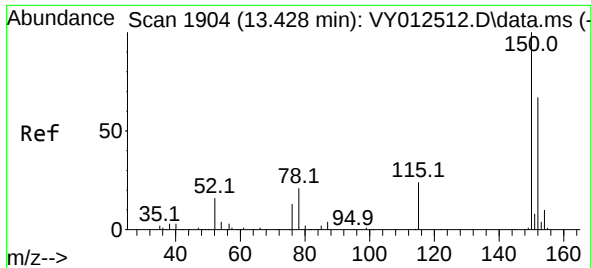
Tgt Ion: 95 Resp: 98842
Ion Ratio Lower Upper
95 100
174 96.4 0.0 188.0
176 92.5 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012561.D
Acq: 09 Feb 2023 13:12

Tgt Ion: 117 Resp: 243989
Ion Ratio Lower Upper
117 100
82 50.8 41.7 62.5
119 31.6 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012561.D

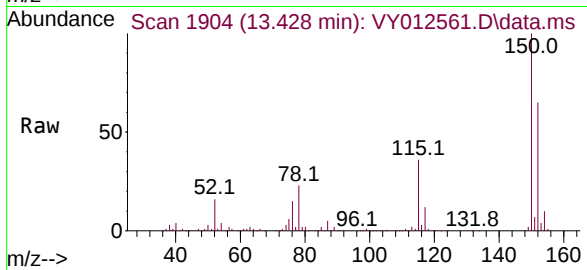
Acq: 09 Feb 2023 13:12

Instrument :

MSVOA_Y

ClientSampleId :

TRIP-BLANK



Tgt Ion:152 Resp: 117577

Ion Ratio Lower Upper

152 100

115 55.4 28.1 84.3

150 156.6 0.0 351.0

