

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020922\
 Data File : VY007458.D
 Acq On : 09 Feb 2022 17:20
 Operator : SY/MD
 Sample : N1469-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-1A

Quant Time: Feb 10 05:37:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

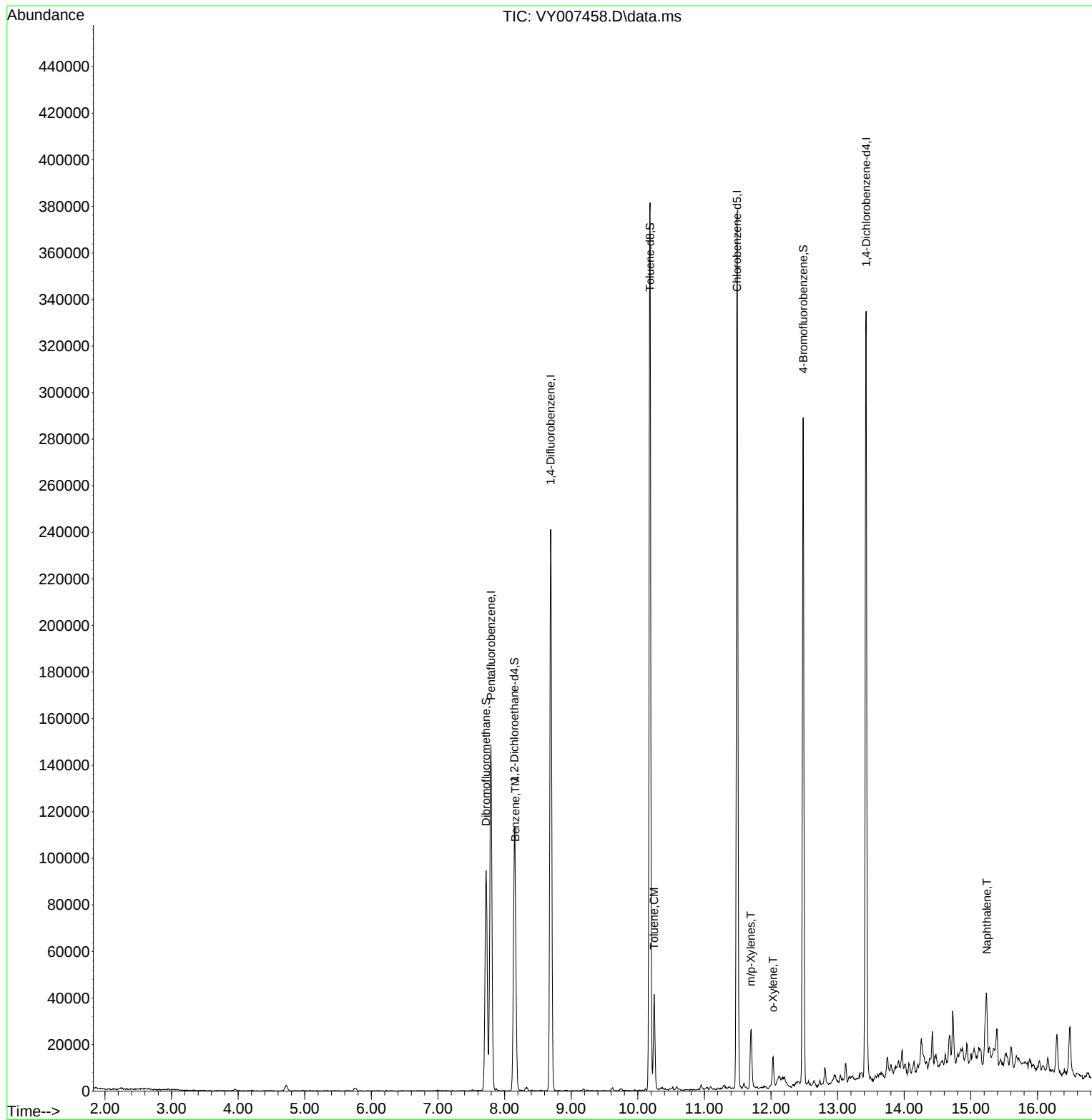
Internal Standards						
1) Pentafluorobenzene	7.795	168	108743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	204832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	197613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	73079	58.425	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.860%
35) Dibromofluoromethane	7.722	113	67134	51.041	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.080%
50) Toluene-d8	10.184	98	249779	51.401	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.800%
62) 4-Bromofluorobenzene	12.483	95	87406	52.920	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.840%
Target Compounds						
					Qvalue	
40) Benzene	8.160	78	34305	5.628	ug/l	98
52) Toluene	10.245	92	15570	4.054	ug/l	98
68) m/p-Xylenes	11.696	106	7350	2.379	ug/l	96
69) o-Xylene	12.032	106	3205	1.097	ug/l	96
95) Naphthalene	15.238	128	22356	6.816	ug/l	99

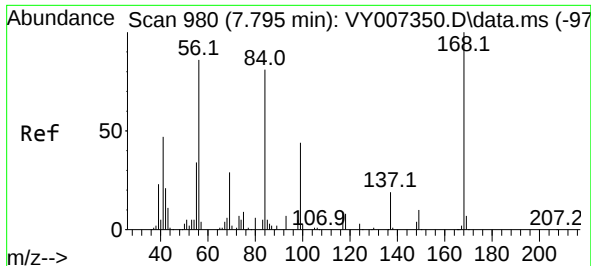
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020922\
Data File : VY007458.D
Acq On : 09 Feb 2022 17:20
Operator : SY/MD
Sample : N1469-02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-1A

Quant Time: Feb 10 05:37:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 03 04:36:48 2022
Response via : Initial Calibration

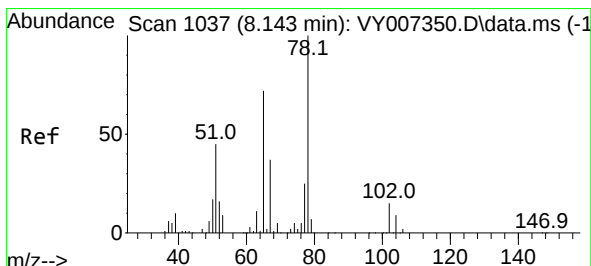
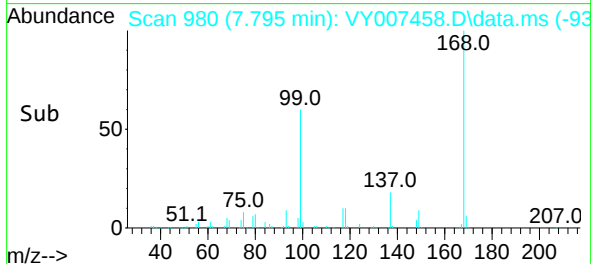
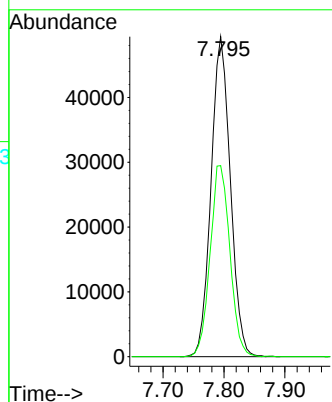
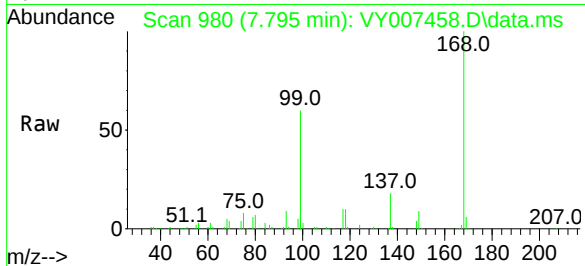




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

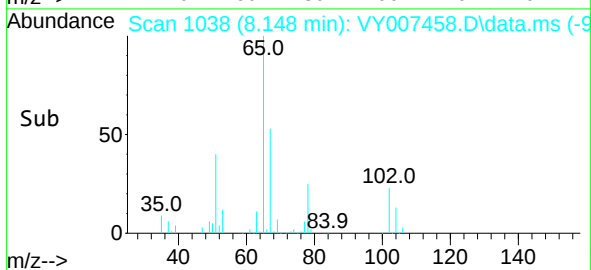
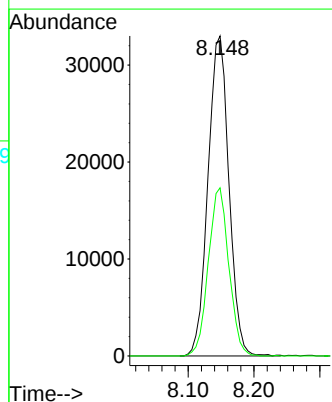
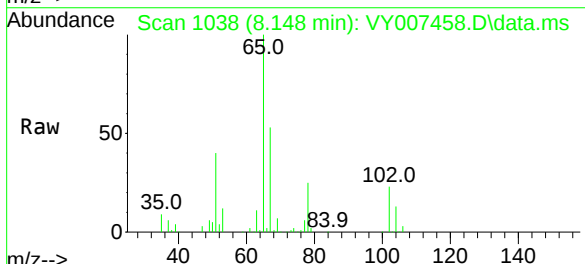
Instrument :
MSVOA_Y
ClientSampleId :
B-1A

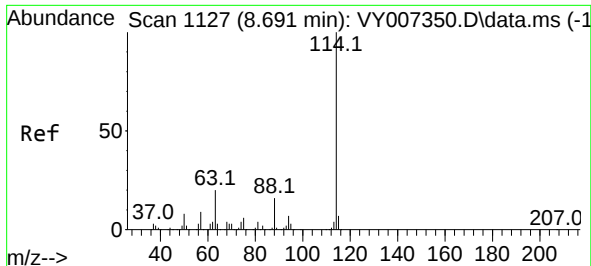
Tgt Ion:168 Resp: 108743
Ion Ratio Lower Upper
168 100
99 59.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.425 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

Tgt Ion: 65 Resp: 73079
Ion Ratio Lower Upper
65 100
67 51.6 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: VY007458.D

Acq: 09 Feb 2022 17:20

Instrument :

MSVOA_Y

ClientSampleId :

B-1A

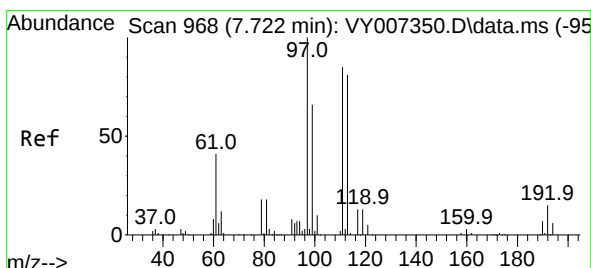
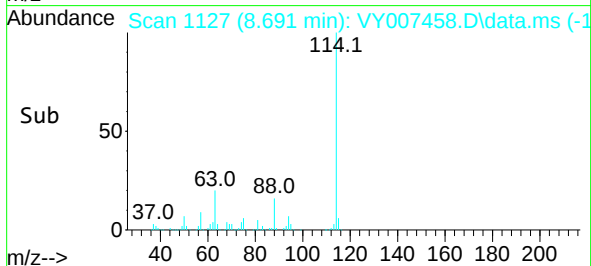
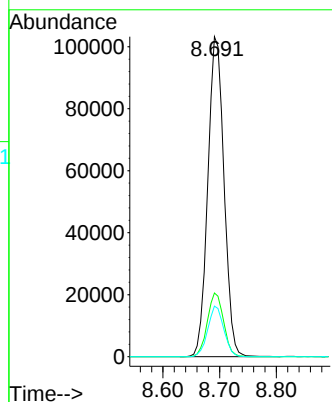
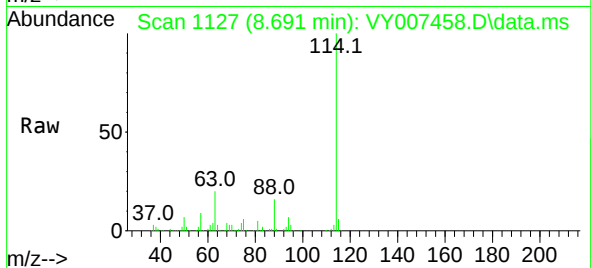
Tgt Ion:114 Resp: 204832

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.041 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007458.D

Acq: 09 Feb 2022 17:20

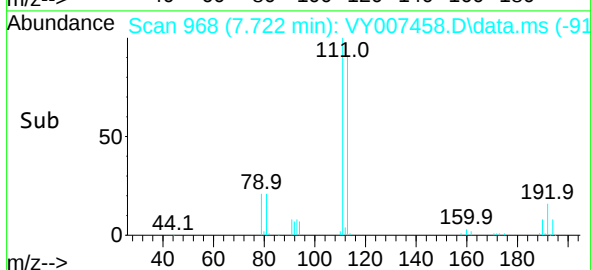
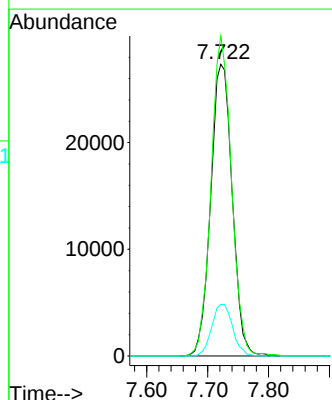
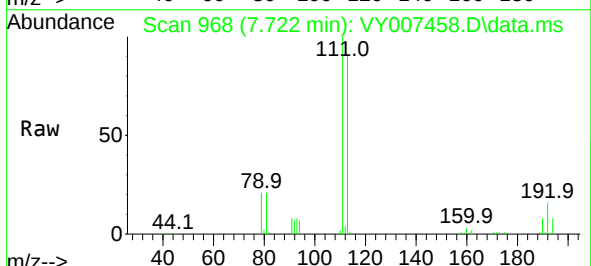
Tgt Ion:113 Resp: 67134

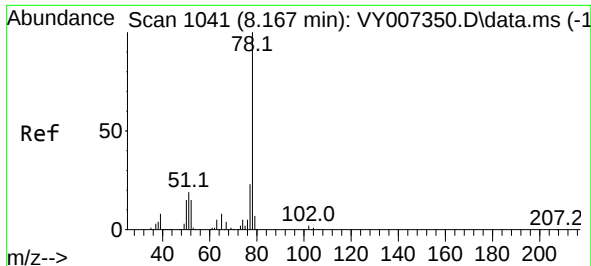
Ion Ratio Lower Upper

113 100

111 104.4 82.6 124.0

192 17.1 17.6 26.4#

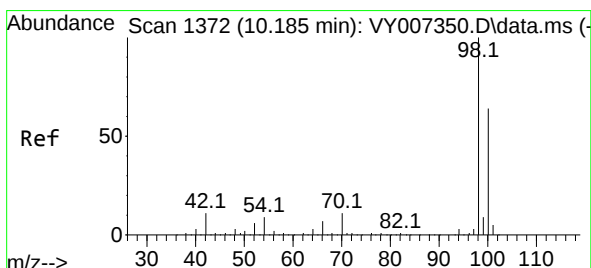
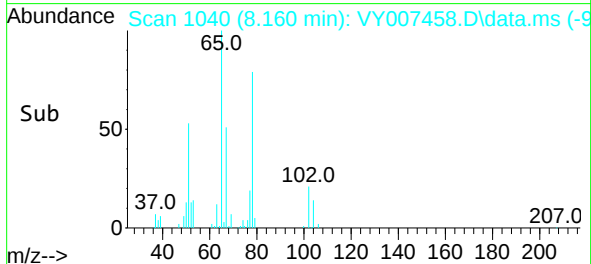
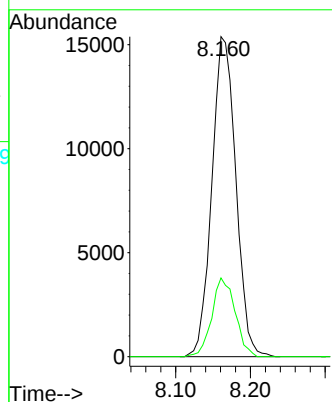
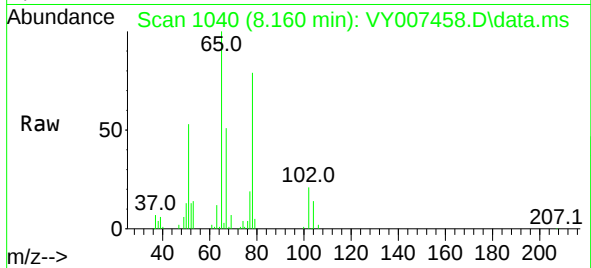




#40
Benzene
Concen: 5.628 ug/l
RT: 8.160 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

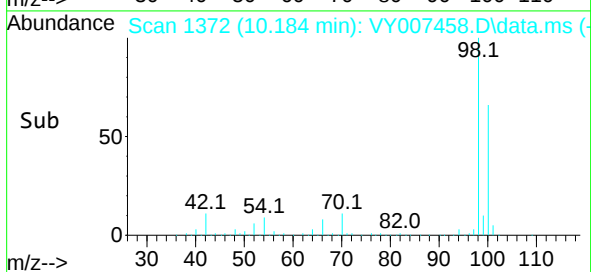
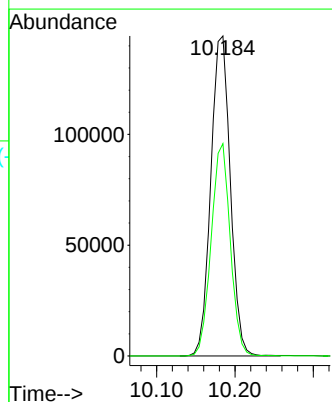
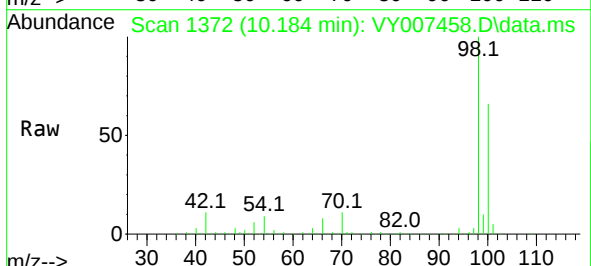
Instrument :
MSVOA_Y
ClientSampleId :
B-1A

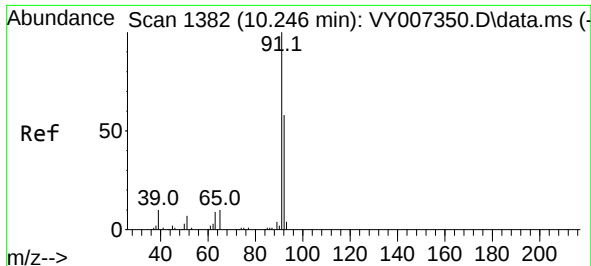
Tgt Ion: 78 Resp: 34305
Ion Ratio Lower Upper
78 100
77 24.6 20.4 30.6



#50
Toluene-d8
Concen: 51.401 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

Tgt Ion: 98 Resp: 249779
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

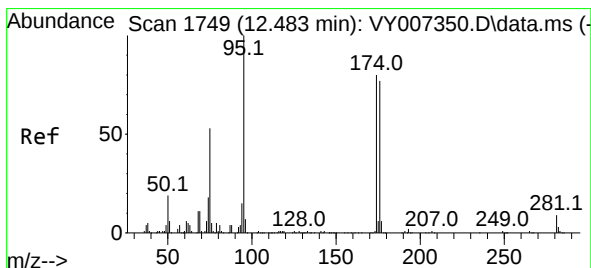
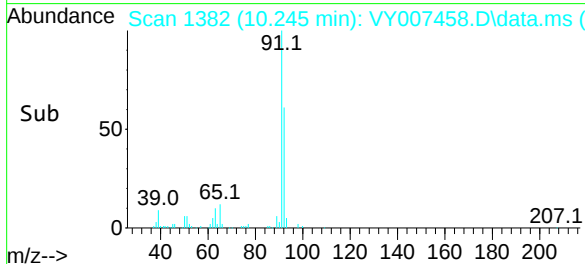
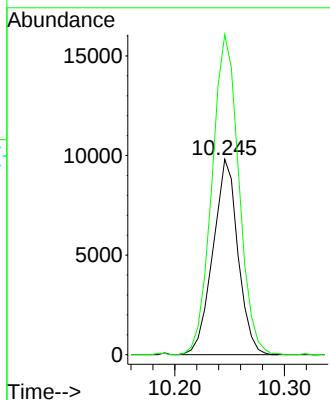
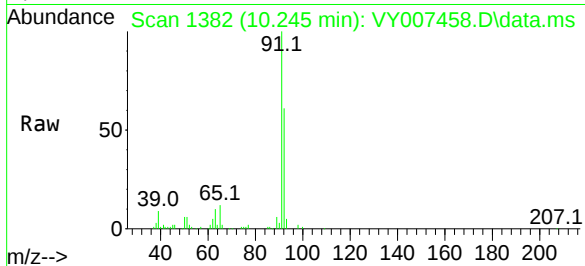




#52
Toluene
Concen: 4.054 ug/l
RT: 10.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

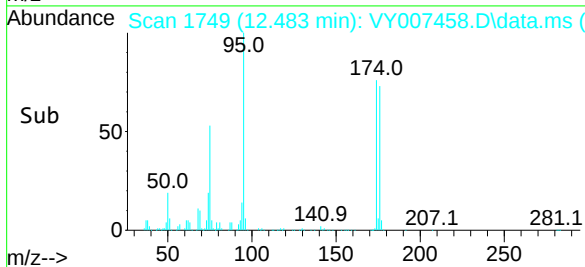
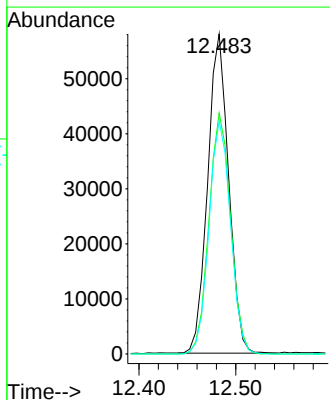
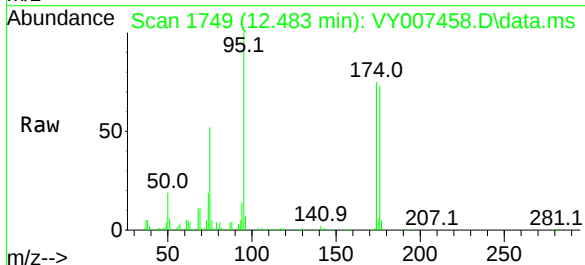
Instrument :
MSVOA_Y
ClientSampleId :
B-1A

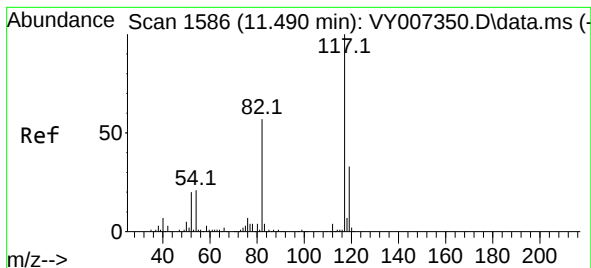
Tgt Ion: 92 Resp: 15570
Ion Ratio Lower Upper
92 100
91 175.9 142.6 213.8



#62
4-Bromofluorobenzene
Concen: 52.920 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

Tgt Ion: 95 Resp: 87406
Ion Ratio Lower Upper
95 100
174 78.0 0.0 177.0
176 74.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY007458.D

Acq: 09 Feb 2022 17:20

Instrument :

MSVOA_Y

ClientSampleId :

B-1A

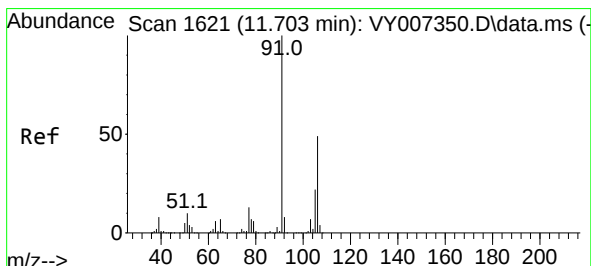
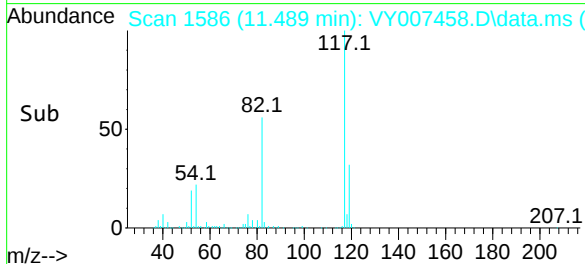
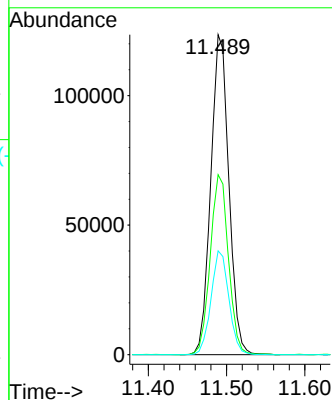
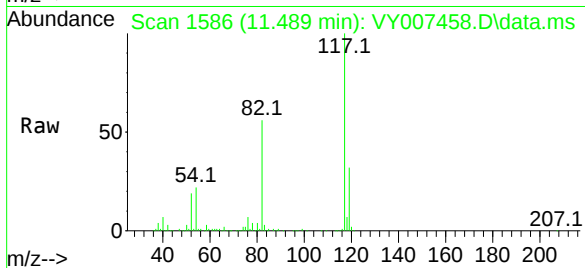
Tgt Ion:117 Resp: 197613

Ion Ratio Lower Upper

117 100

82 56.3 43.0 64.4

119 32.4 25.4 38.0



#68

m/p-Xylenes

Concen: 2.379 ug/l

RT: 11.696 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY007458.D

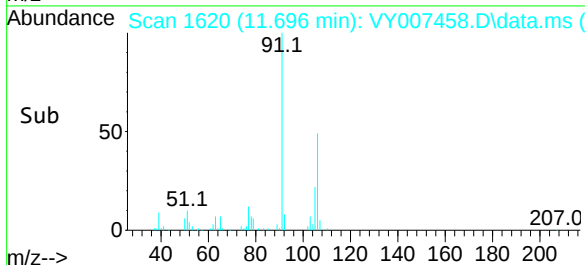
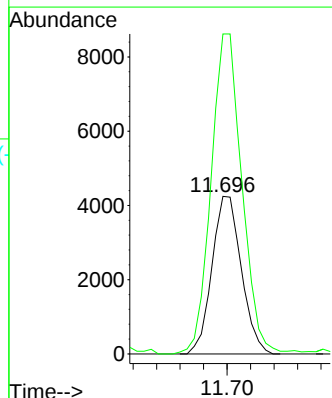
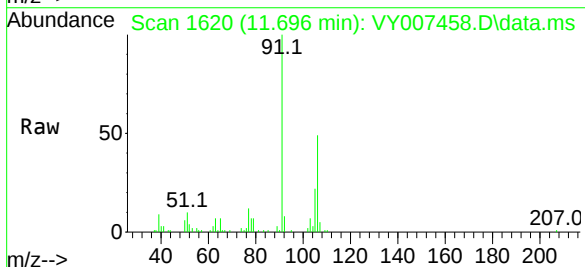
Acq: 09 Feb 2022 17:20

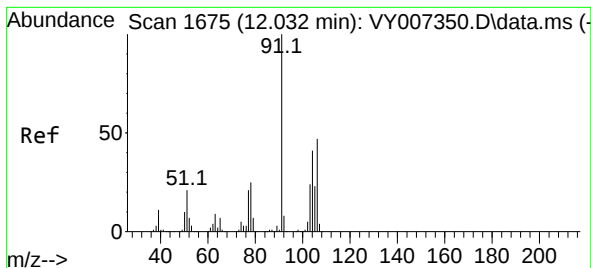
Tgt Ion:106 Resp: 7350

Ion Ratio Lower Upper

106 100

91 213.8 166.6 249.8





#69

o-Xylene

Concen: 1.097 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY007458.D

Acq: 09 Feb 2022 17:20

Instrument :

MSVOA_Y

ClientSampleId :

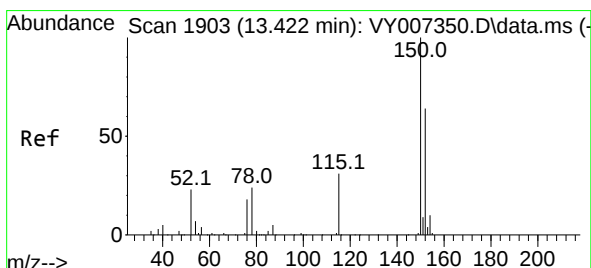
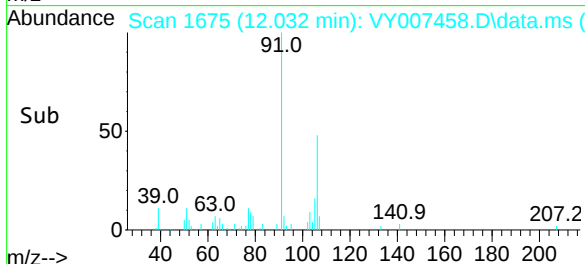
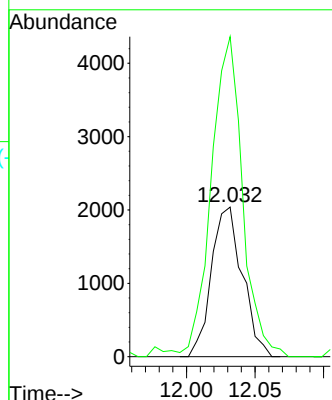
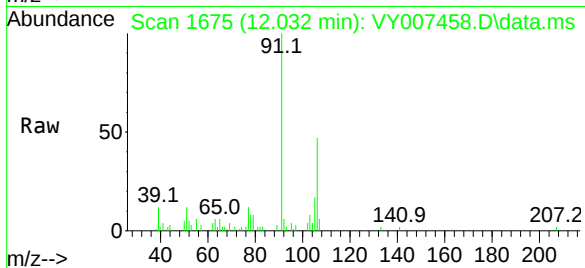
B-1A

Tgt Ion:106 Resp: 3205

Ion Ratio Lower Upper

106 100

91 214.9 110.3 331.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY007458.D

Acq: 09 Feb 2022 17:20

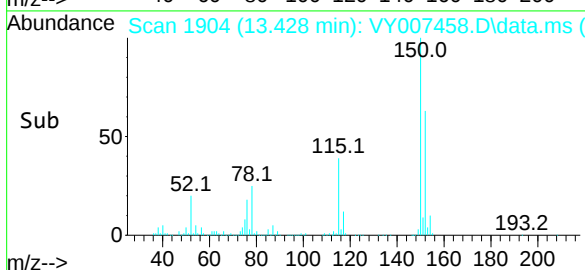
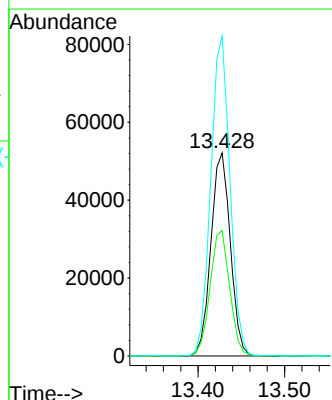
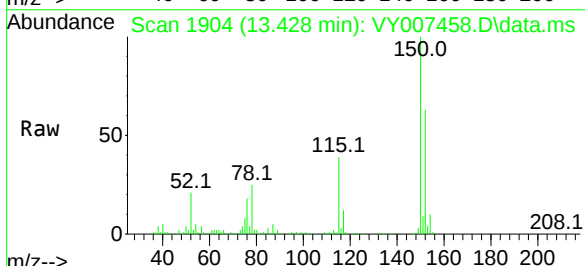
Tgt Ion:152 Resp: 81121

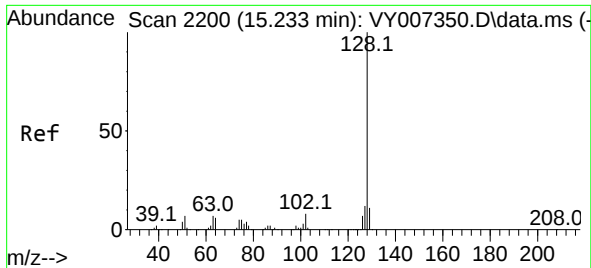
Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

150 156.1 0.0 347.6





#95

Naphthalene

Concen: 6.816 ug/l

RT: 15.238 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY007458.D

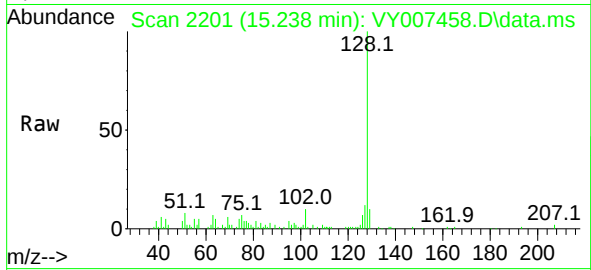
Acq: 09 Feb 2022 17:20

Instrument :

MSVOA_Y

ClientSampleId :

B-1A



Tgt Ion:128 Resp: 22356

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.4

129 11.5 8.4 12.6

