

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
 Data File : VY007467.D
 Acq On : 10 Feb 2022 13:27
 Operator : SY/MD
 Sample : N1455-05RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3RE

Quant Time: Feb 11 00:49:41 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)

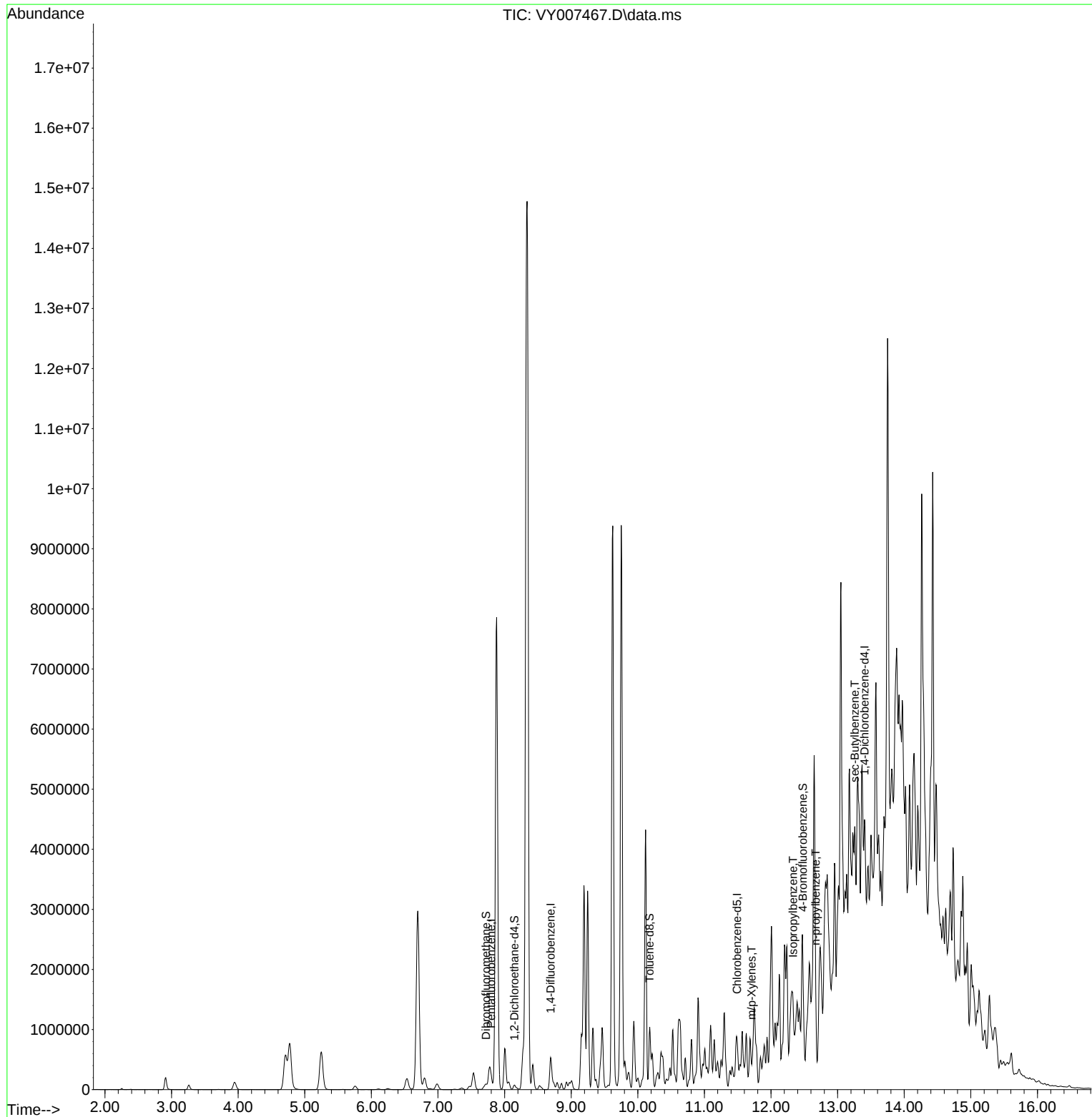
Internal Standards						
1) Pentafluorobenzene	7.795	168	100734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	177719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	140018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.404	152	157554	50.000	ug/l	#-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	59352	51.223	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.440%	
35) Dibromofluoromethane	7.722	113	58423	51.194	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.380%	
50) Toluene-d8	10.179	98	232237	55.082	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.160%	
62) 4-Bromofluorobenzene	12.477	95	160413	111.940	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 223.880%#	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.709	106	6452	2.947	ug/l #	60
73) Isopropylbenzene	12.331	105	126455	8.782	ug/l	97
78) n-propylbenzene	12.672	91	299051	17.147	ug/l	97
85) sec-Butylbenzene	13.257	105	181538	11.836	ug/l #	61

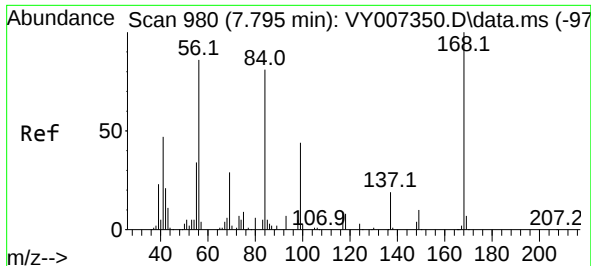
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

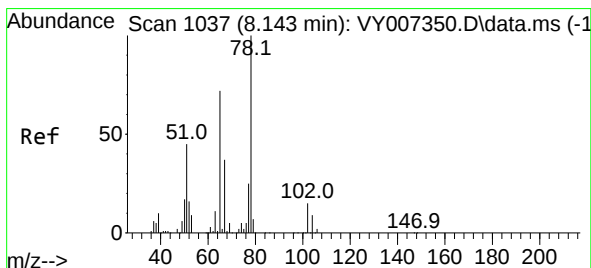
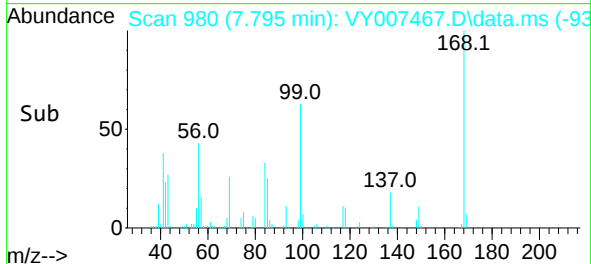
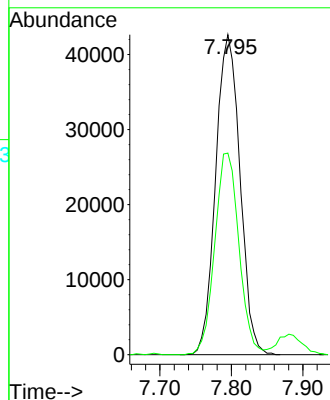
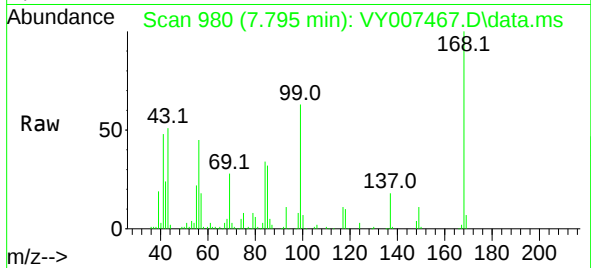




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY007467.D
Acq: 10 Feb 2022 13:27

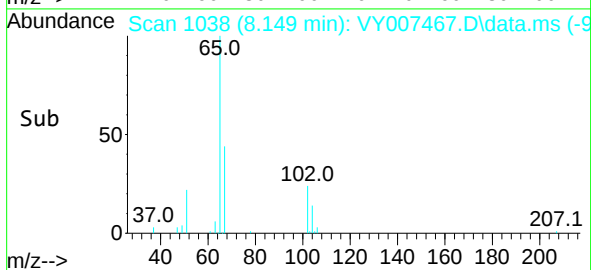
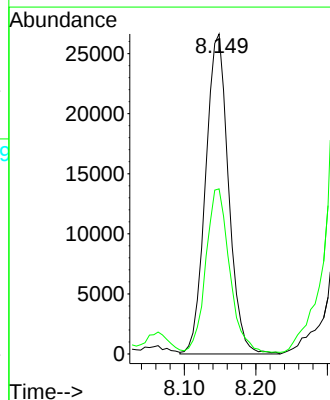
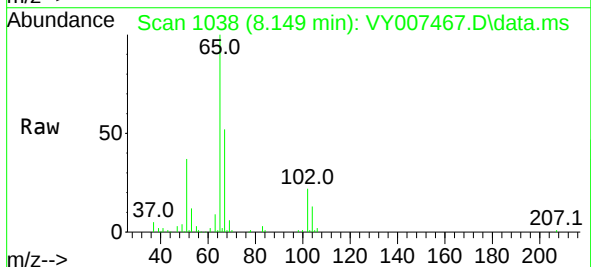
Instrument :
MSVOA_Y
ClientSampleId :
TP-3RE

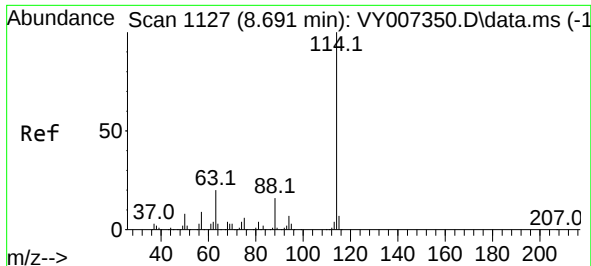
Tgt Ion:168 Resp: 100734
Ion Ratio Lower Upper
168 100
99 63.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.223 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007467.D
Acq: 10 Feb 2022 13:27

Tgt Ion: 65 Resp: 59352
Ion Ratio Lower Upper
65 100
67 52.7 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: VY007467.D

Acq: 10 Feb 2022 13:27

Instrument :

MSVOA_Y

ClientSampleId :

TP-3RE

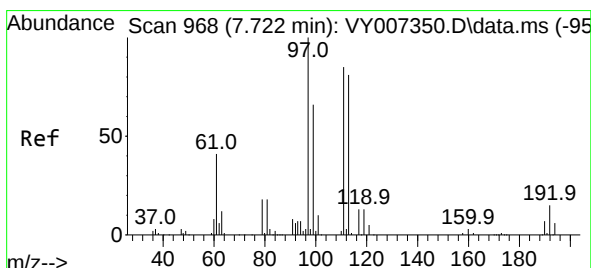
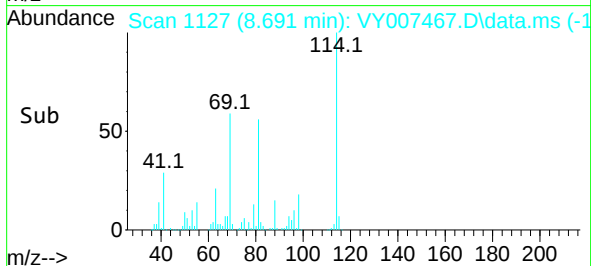
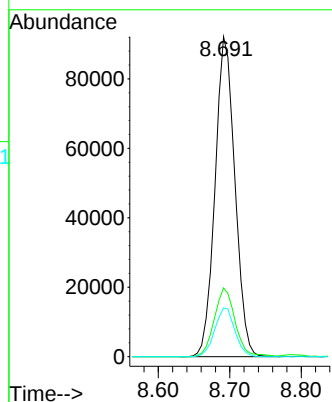
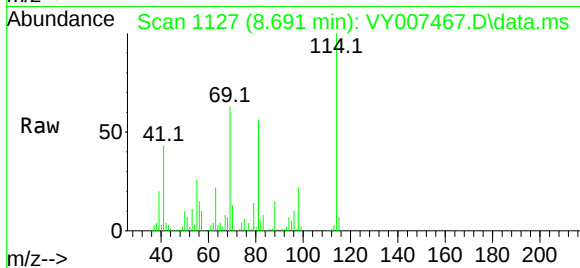
Tgt Ion:114 Resp: 177719

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.194 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007467.D

Acq: 10 Feb 2022 13:27

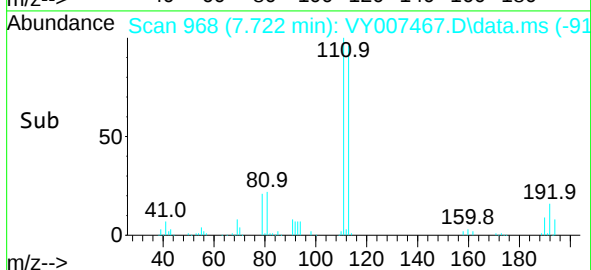
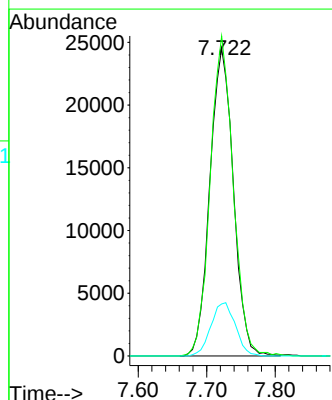
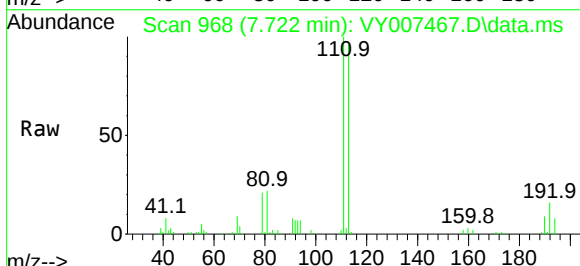
Tgt Ion:113 Resp: 58423

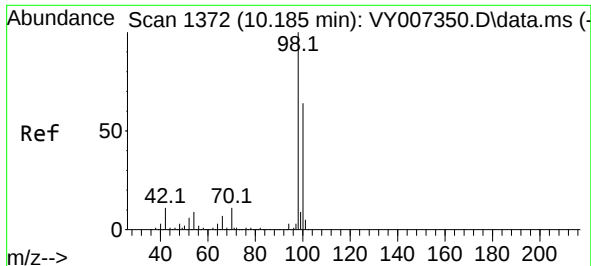
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 18.1 17.6 26.4

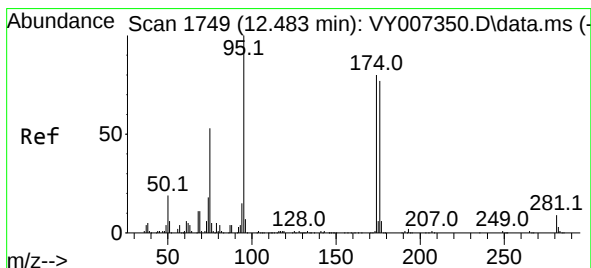
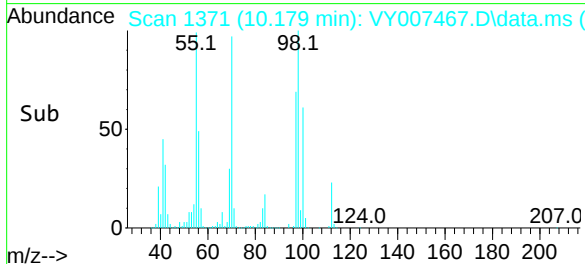
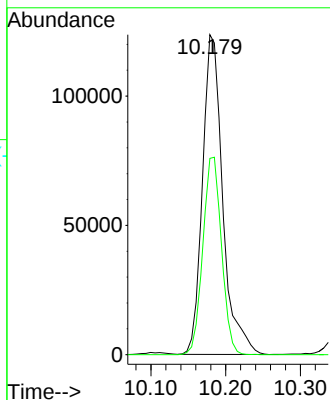
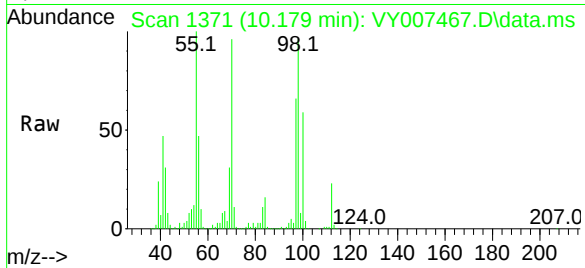




#50
Toluene-d8
Concen: 55.082 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007467.D
Acq: 10 Feb 2022 13:27

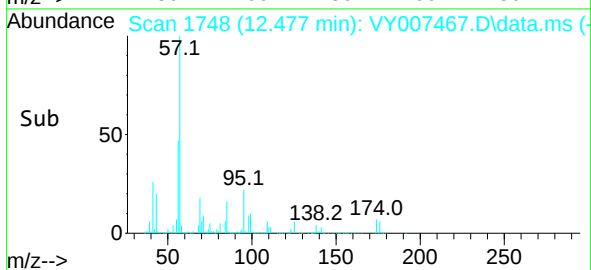
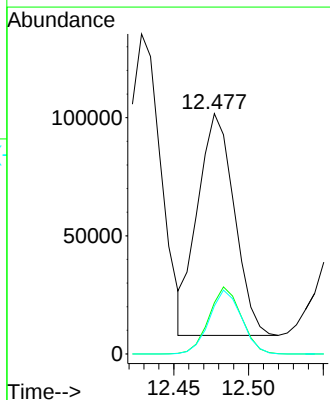
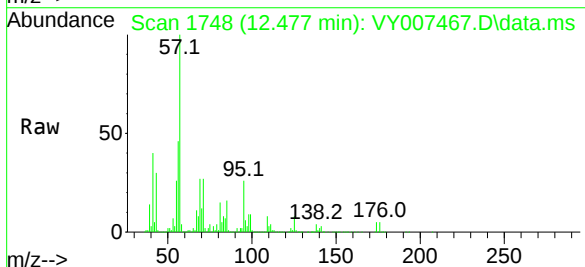
Instrument :
MSVOA_Y
ClientSampleId :
TP-3RE

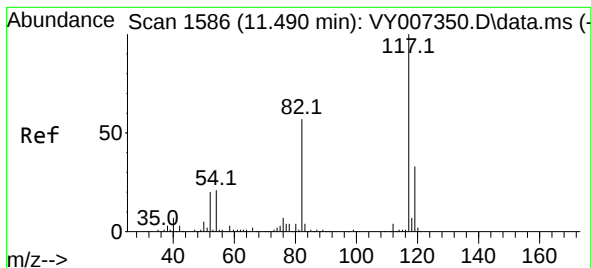
Tgt Ion: 98 Resp: 232237
Ion Ratio Lower Upper
98 100
100 57.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 111.940 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007467.D
Acq: 10 Feb 2022 13:27

Tgt Ion: 95 Resp: 160413
Ion Ratio Lower Upper
95 100
174 26.6 0.0 177.0
176 25.2 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007467.D

Acq: 10 Feb 2022 13:27

Instrument :

MSVOA_Y

ClientSampleId :

TP-3RE

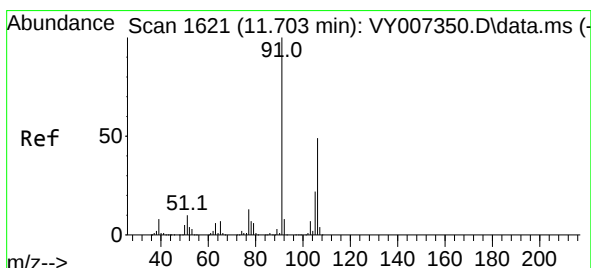
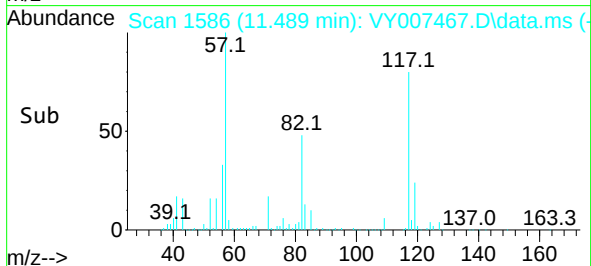
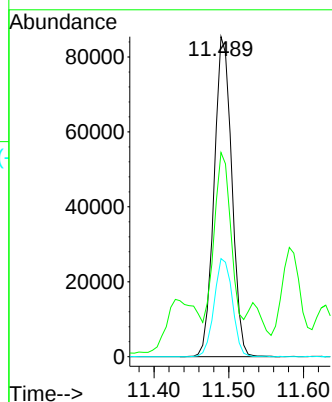
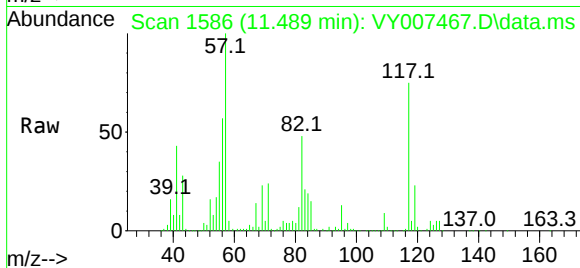
Tgt Ion:117 Resp: 140018

Ion Ratio Lower Upper

117 100

82 46.3 43.0 64.4

119 30.7 25.4 38.0



#68

m/p-Xylenes

Concen: 2.947 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY007467.D

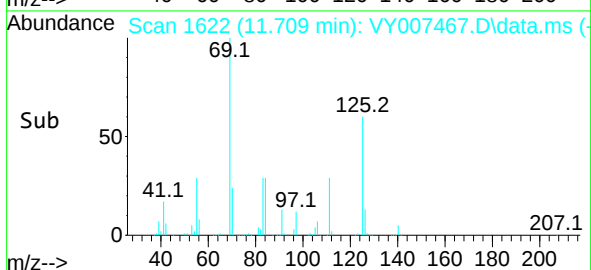
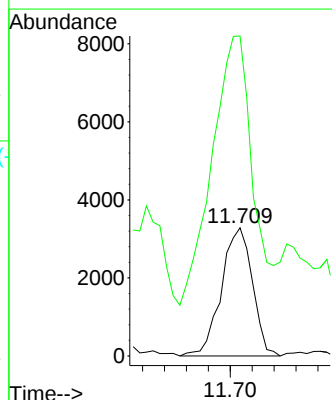
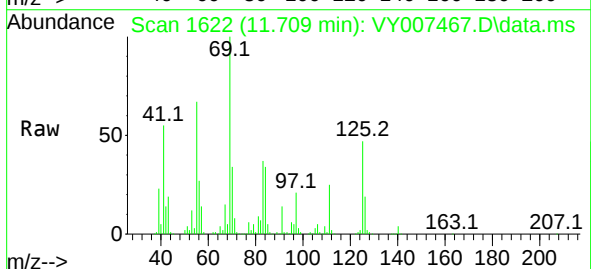
Acq: 10 Feb 2022 13:27

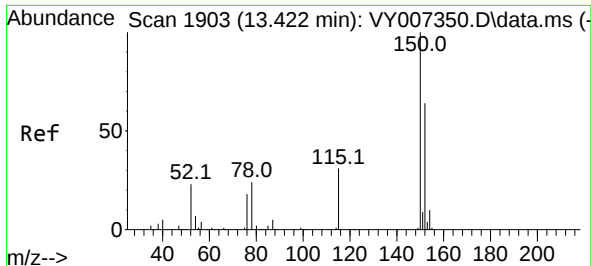
Tgt Ion:106 Resp: 6452

Ion Ratio Lower Upper

106 100

91 270.3 166.6 249.8#

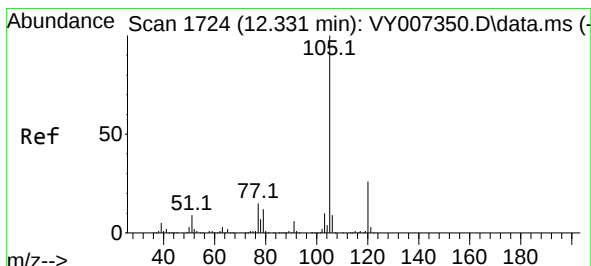
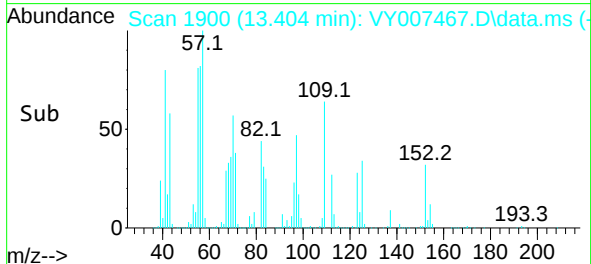
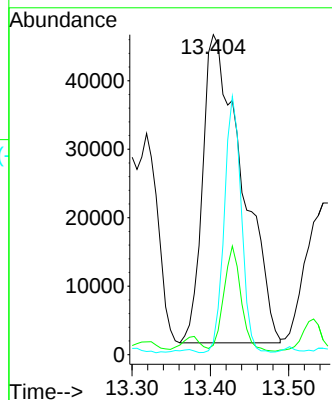
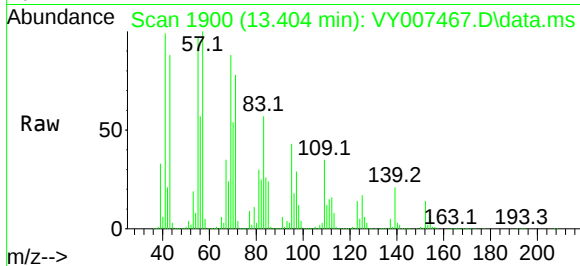




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.404 min Scan# 1900
Delta R.T. -0.018 min
Lab File: VY007467.D
Acq: 10 Feb 2022 13:27

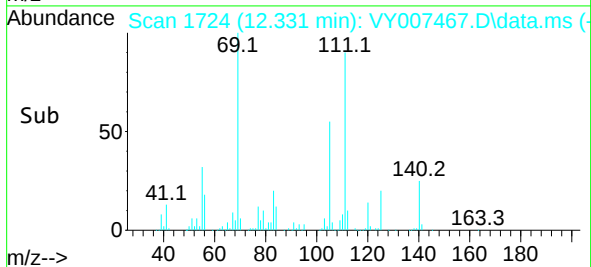
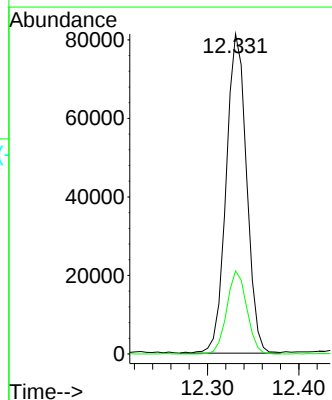
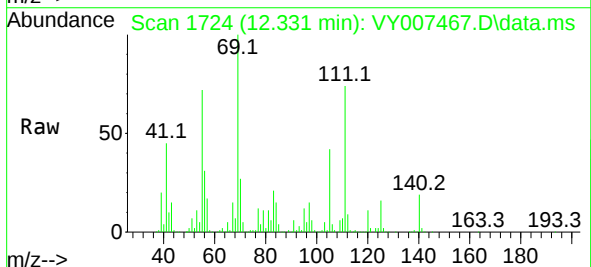
Instrument :
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ClientSampleId :
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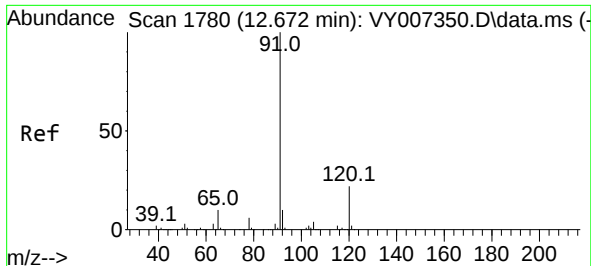
Tgt Ion:152 Resp: 157554
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 0.0 0.0 347.6



#73
Isopropylbenzene
Concen: 8.782 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007467.D
Acq: 10 Feb 2022 13:27

Tgt Ion:105 Resp: 126455
Ion Ratio Lower Upper
105 100
120 25.3 13.4 40.2

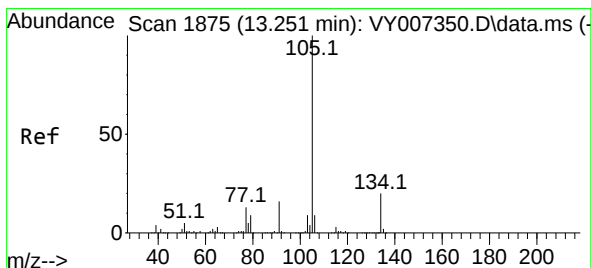
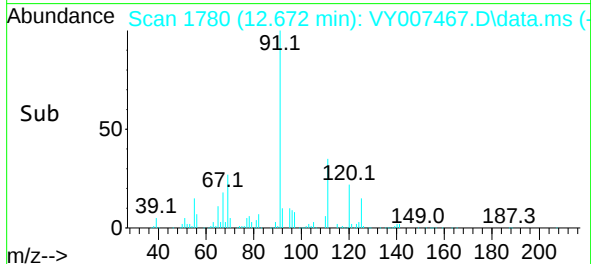
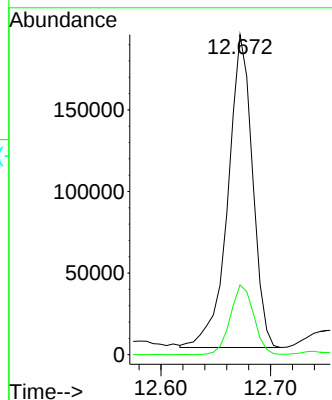
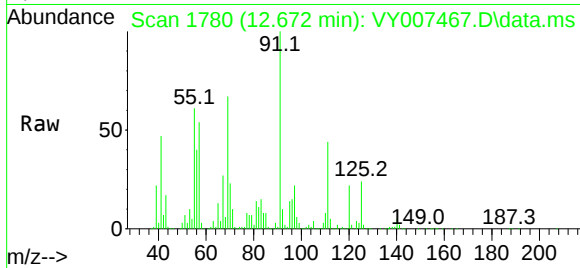




#78
n-propylbenzene
Concen: 17.147 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY007467.D
Acq: 10 Feb 2022 13:27

Instrument :
MSVOA_Y
ClientSampleId :
TP-3RE

Tgt Ion: 91 Resp: 299051
Ion Ratio Lower Upper
91 100
120 21.2 11.3 33.9



#85
sec-Butylbenzene
Concen: 11.836 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY007467.D
Acq: 10 Feb 2022 13:27

Tgt Ion: 105 Resp: 181538
Ion Ratio Lower Upper
105 100
134 38.5 10.2 30.4#

