

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020922\
 Data File : VY007455.D
 Acq On : 09 Feb 2022 16:10
 Operator : SY/MD
 Sample : N1455-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Feb 10 05:36:34 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)

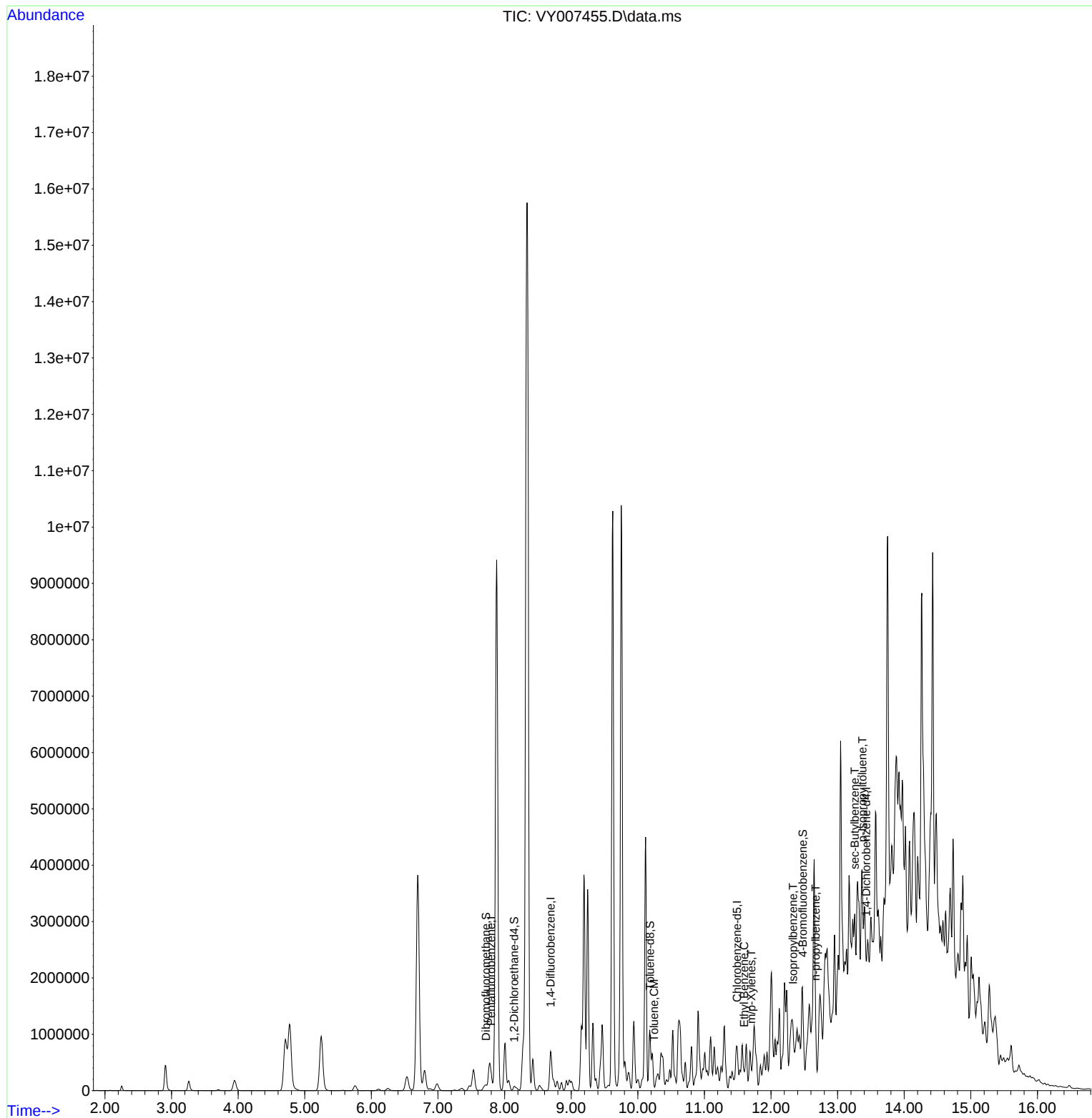
Internal Standards						
1) Pentafluorobenzene	7.795	168	99535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	177585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	149439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132825	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	59472	51.95	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.90%	
35) Dibromofluoromethane	7.722	113	58242	51.07	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.14%	
50) Toluene-d8	10.185	98	236622	56.16	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.32%	
62) 4-Bromofluorobenzene	12.477	95	141250	98.64	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 197.28%#	
Target Compounds						
						Qvalue
52) Toluene	10.246	92	4077	1.22	ug/l	86
67) Ethyl Benzene	11.599	91	8345	1.32	ug/l	98
68) m/p-Xylenes	11.703	106	7941	3.40	ug/l	84
73) Isopropylbenzene	12.331	105	130902	10.78	ug/l	99
78) n-propylbenzene	12.672	91	292476	19.89	ug/l	98
85) sec-Butylbenzene	13.258	105	152232	11.77	ug/l	# 59
86) p-Isopropyltoluene	13.373	119	32916	3.12	ug/l	# 65

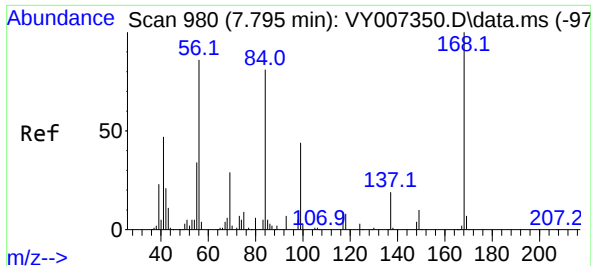
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020922\
Data File : VY007455.D
Acq On : 09 Feb 2022 16:10
Operator : SY/MD
Sample : N1455-05
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Quant Time: Feb 10 05:36:34 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

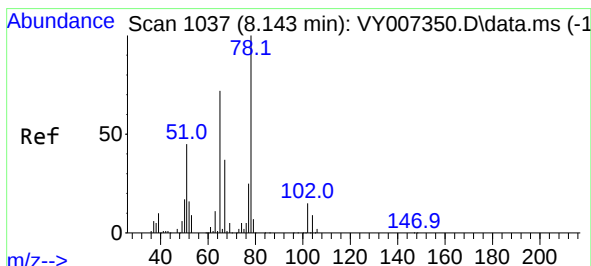
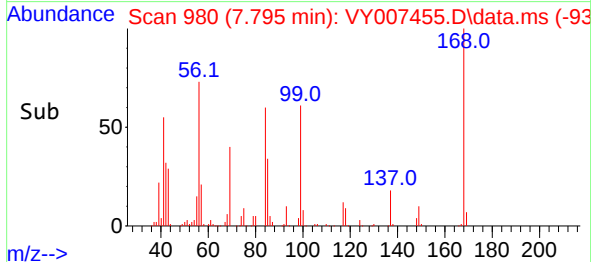
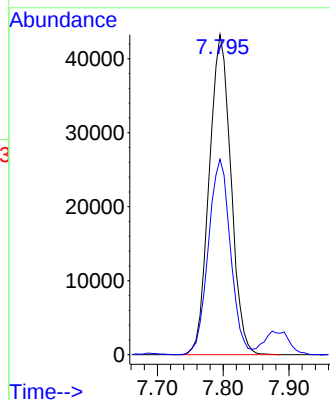
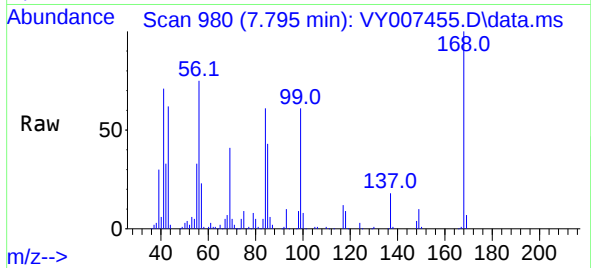




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

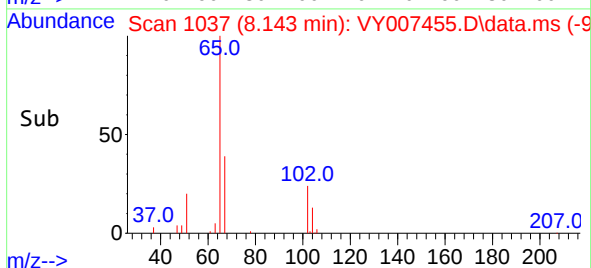
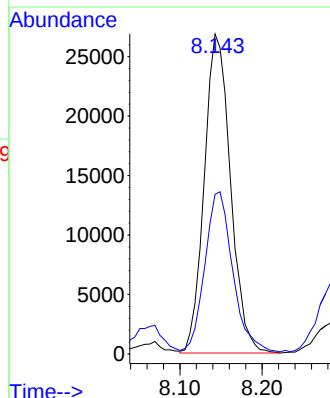
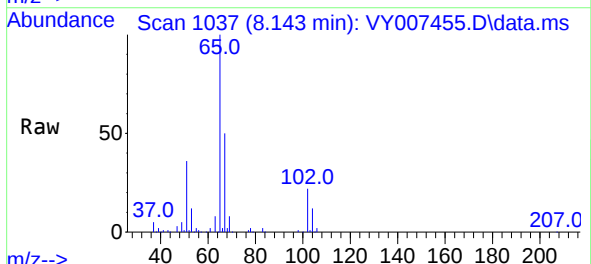
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

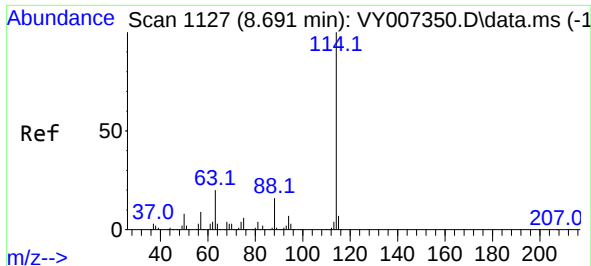
Tgt Ion:168 Resp: 99535
Ion Ratio Lower Upper
168 100
99 61.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.95 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion: 65 Resp: 59472
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007455.D

Acq: 09 Feb 2022 16:10

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

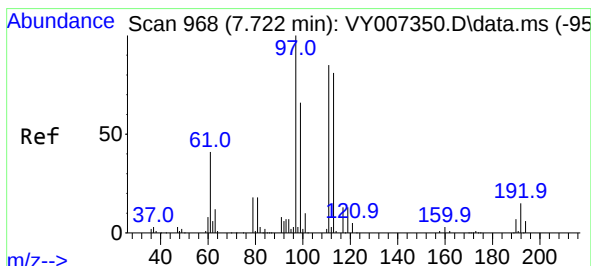
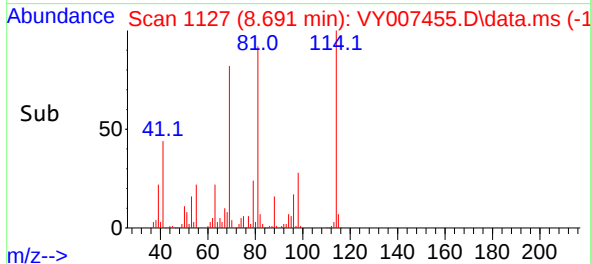
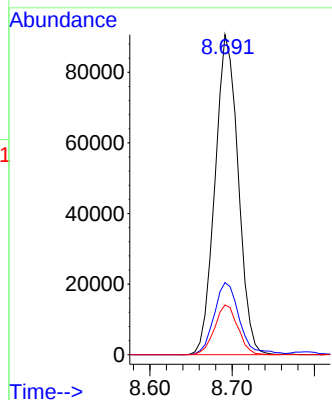
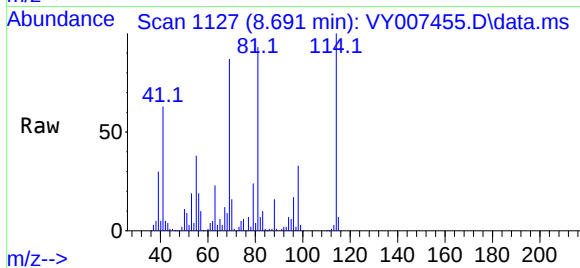
Tgt Ion:114 Resp: 177585

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.07 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY007455.D

Acq: 09 Feb 2022 16:10

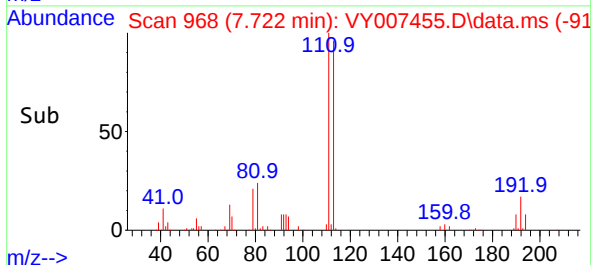
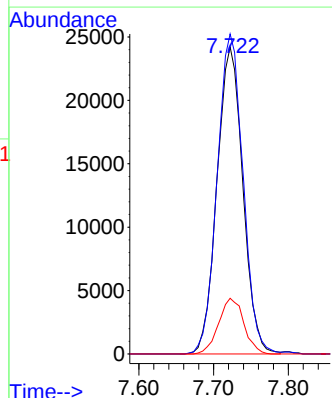
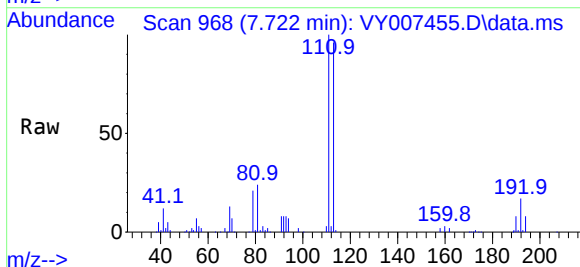
Tgt Ion:113 Resp: 58242

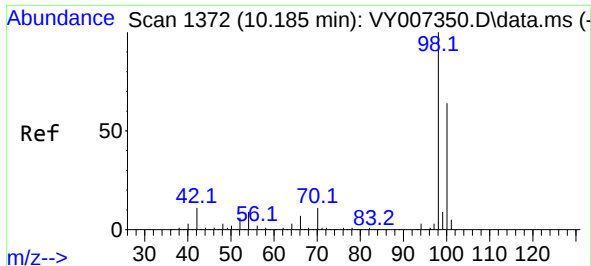
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 17.6 17.6 26.4

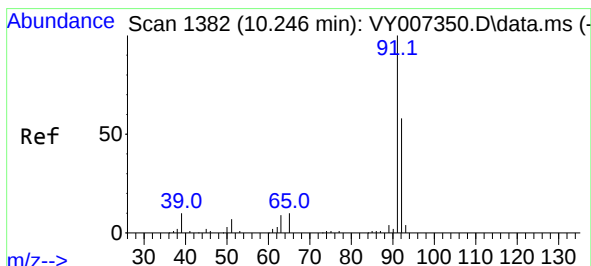
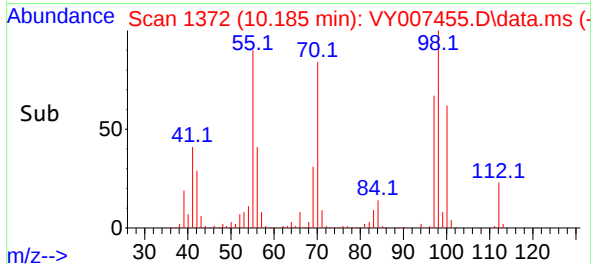
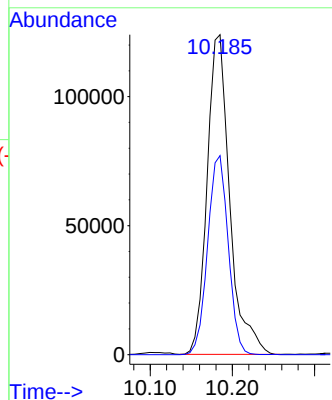
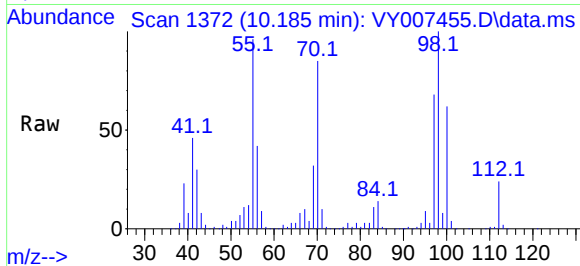




#50
Toluene-d8
Concen: 56.16 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

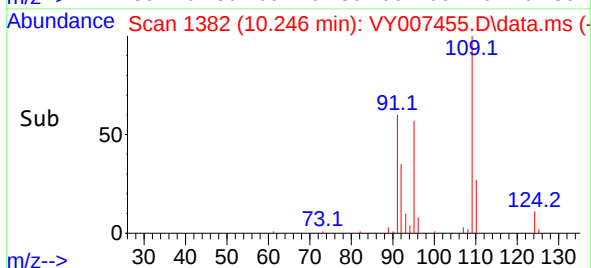
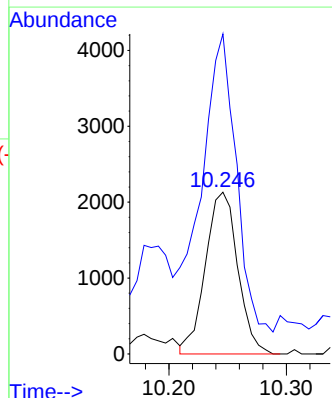
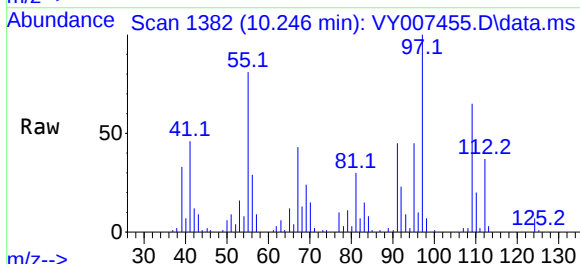
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

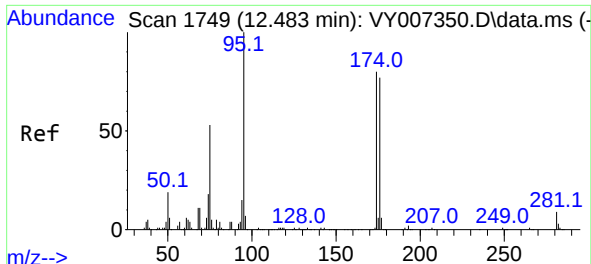
Tgt Ion: 98 Resp: 236622
Ion Ratio Lower Upper
98 100
100 56.7 50.2 75.2



#52
Toluene
Concen: 1.22 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion: 92 Resp: 4077
Ion Ratio Lower Upper
92 100
91 198.0 142.6 213.8

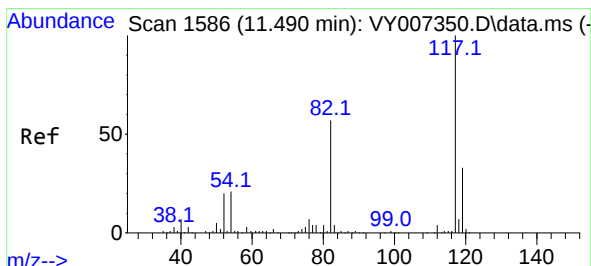
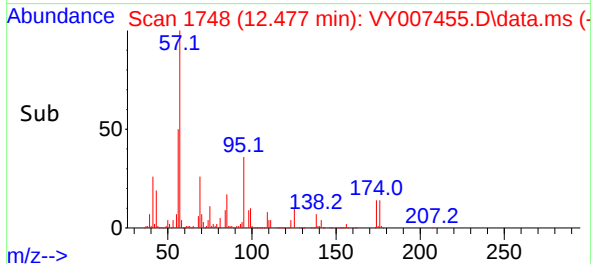
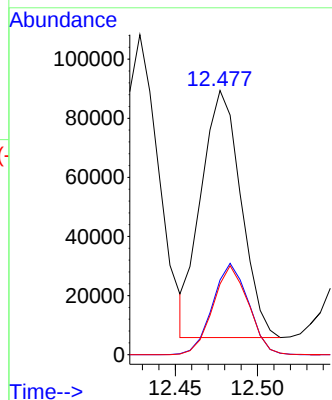
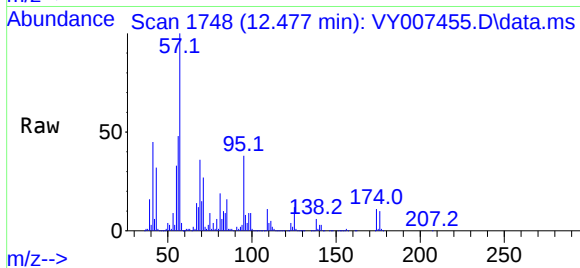




#62
4-Bromofluorobenzene
Concen: 98.64 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

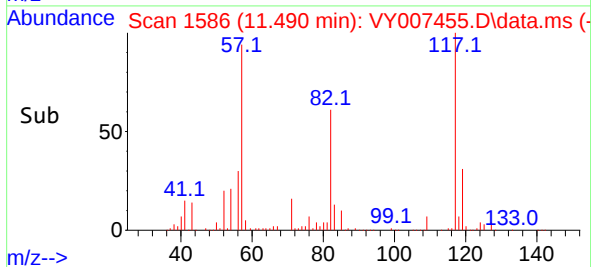
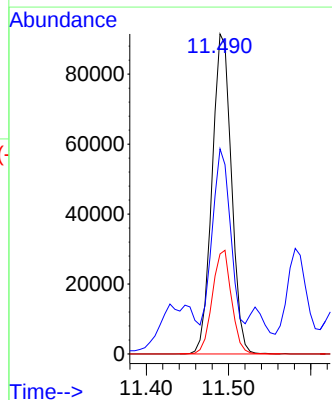
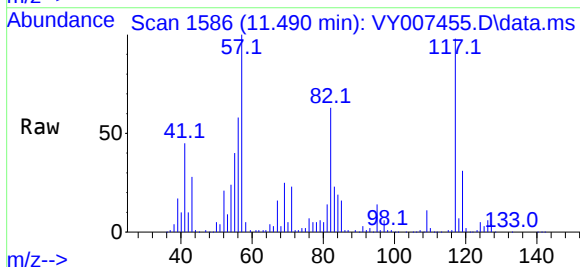
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

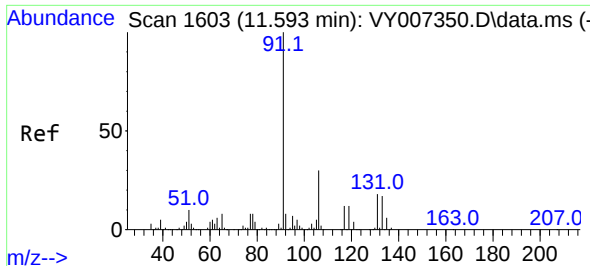
Tgt Ion: 95 Resp: 141250
Ion Ratio Lower Upper
95 100
174 33.2 0.0 177.0
176 31.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion: 117 Resp: 149439
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 31.2 25.4 38.0

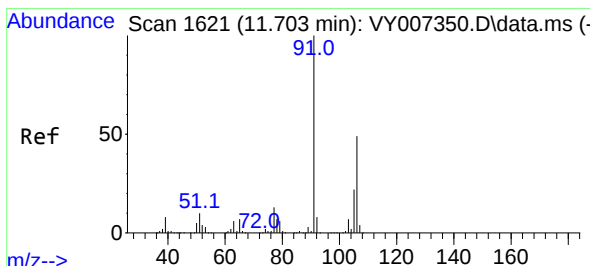
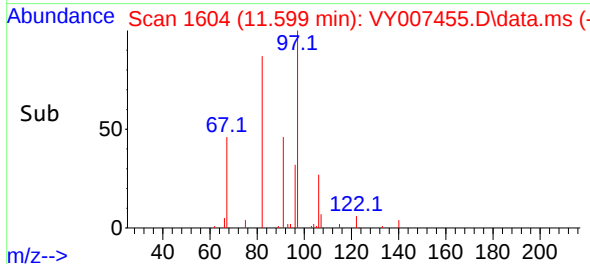
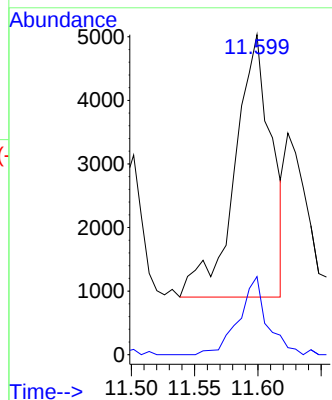
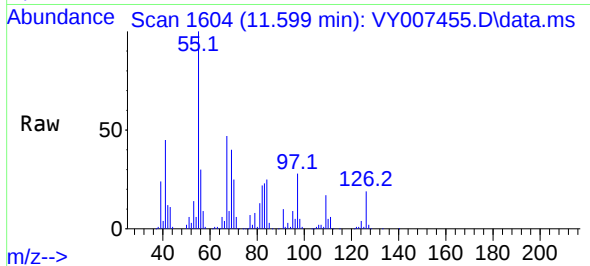




#67
Ethyl Benzene
Concen: 1.32 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

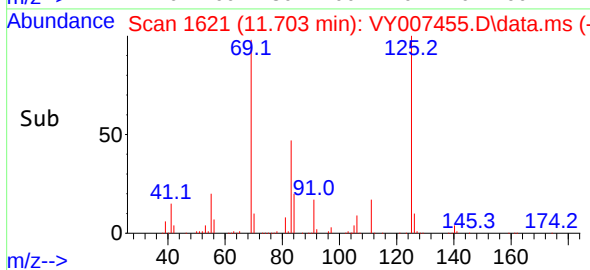
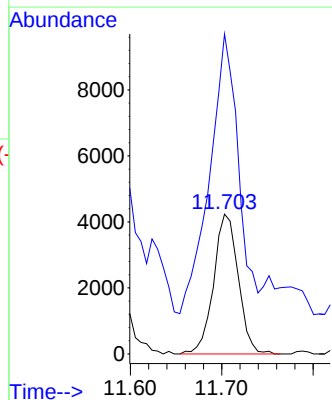
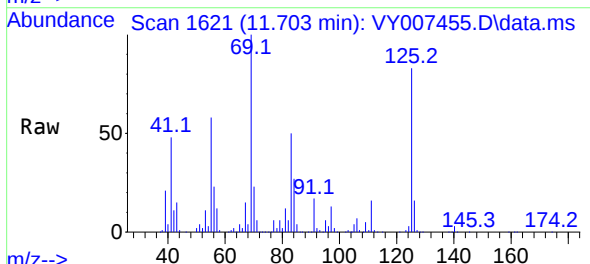
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

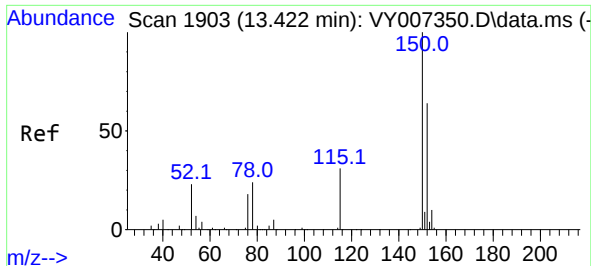
Tgt Ion: 91 Resp: 8345
Ion Ratio Lower Upper
91 100
106 29.8 24.5 36.7



#68
m/p-Xylenes
Concen: 3.40 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion:106 Resp: 7941
Ion Ratio Lower Upper
106 100
91 232.4 166.6 249.8

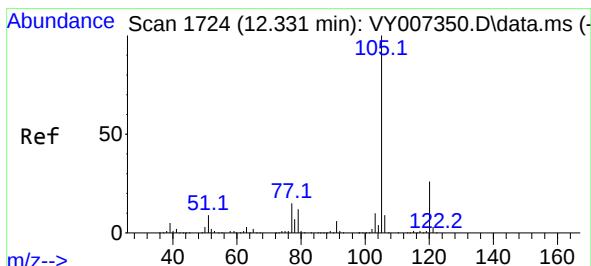
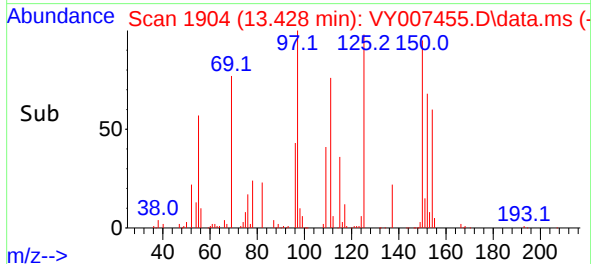
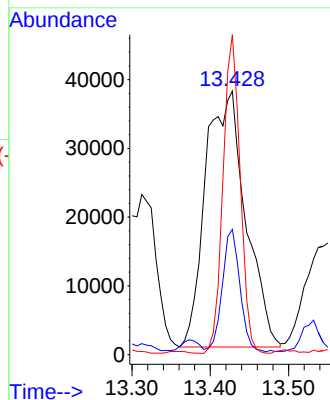
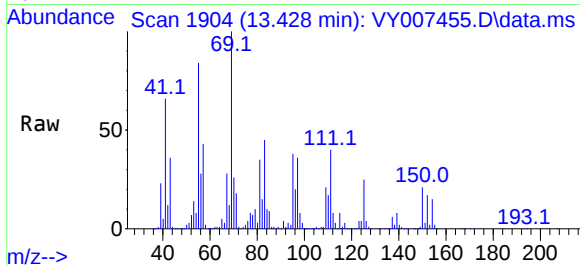




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

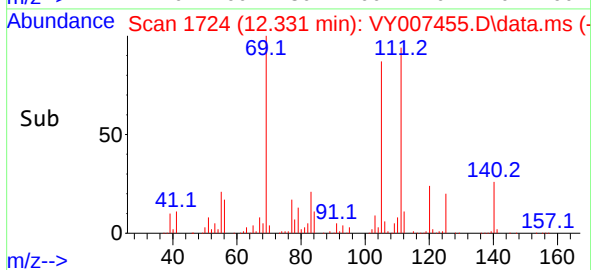
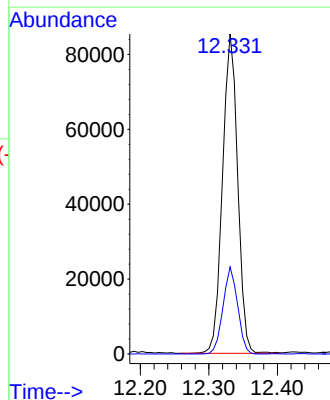
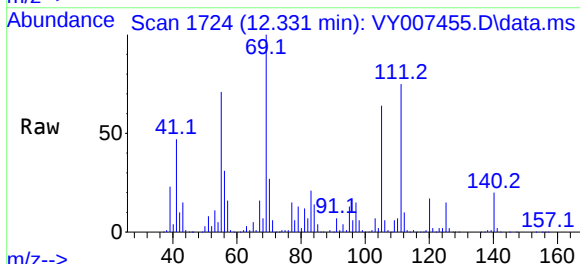
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

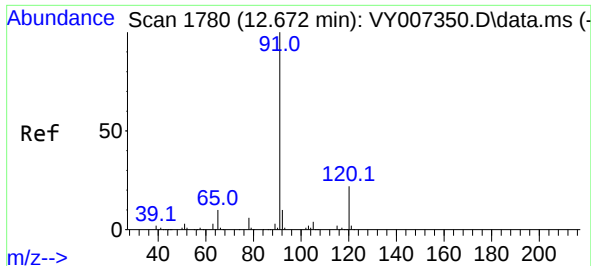
Tgt Ion:152 Resp: 132825
Ion Ratio Lower Upper
152 100
115 21.0 28.2 84.7#
150 53.1 0.0 347.6



#73
Isopropylbenzene
Concen: 10.78 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion:105 Resp: 130902
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.2

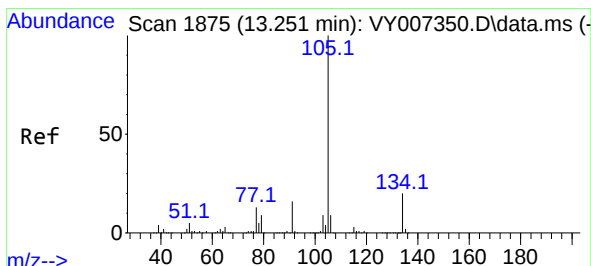
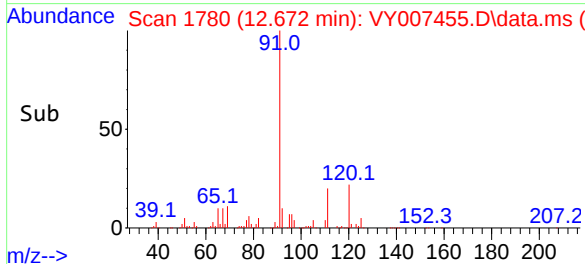
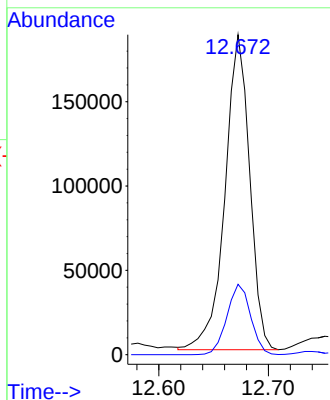
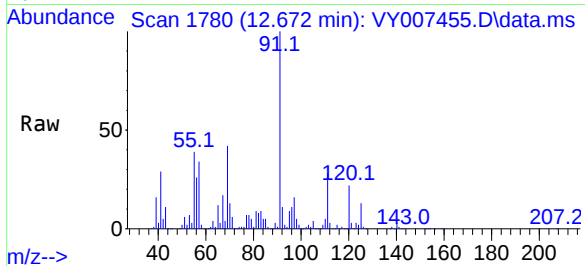




#78
n-propylbenzene
Concen: 19.89 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

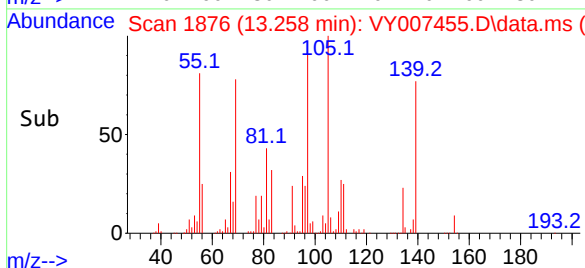
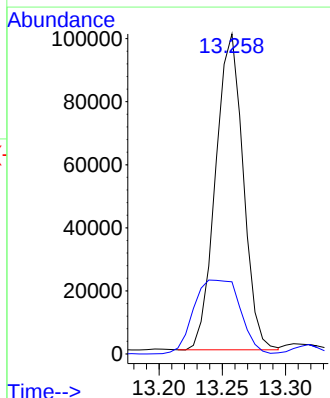
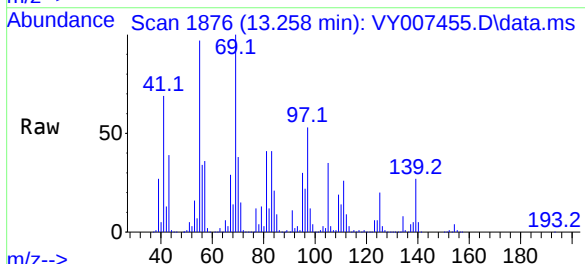
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

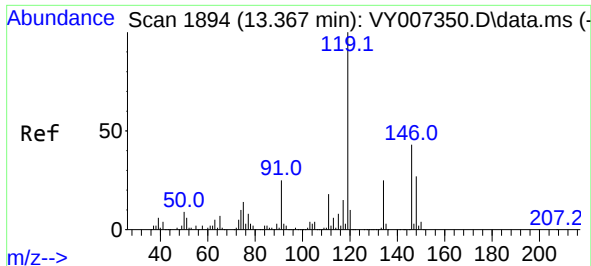
Tgt Ion: 91 Resp: 292476
Ion Ratio Lower Upper
91 100
120 21.4 11.3 33.9



#85
sec-Butylbenzene
Concen: 11.77 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion: 105 Resp: 152232
Ion Ratio Lower Upper
105 100
134 39.3 10.2 30.4#





#86
 p-Isopropyltoluene
 Concen: 3.12 ug/l
 RT: 13.373 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY007455.D
 Acq: 09 Feb 2022 16:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Tgt Ion:119 Resp: 32916
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.5
 91 60.5 12.4 37.2#

