

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007975.D
 Acq On : 22 Mar 2022 00:43
 Operator : SY/MD
 Sample : N2021-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MHQ-SP

Quant Time: Mar 22 03:44:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

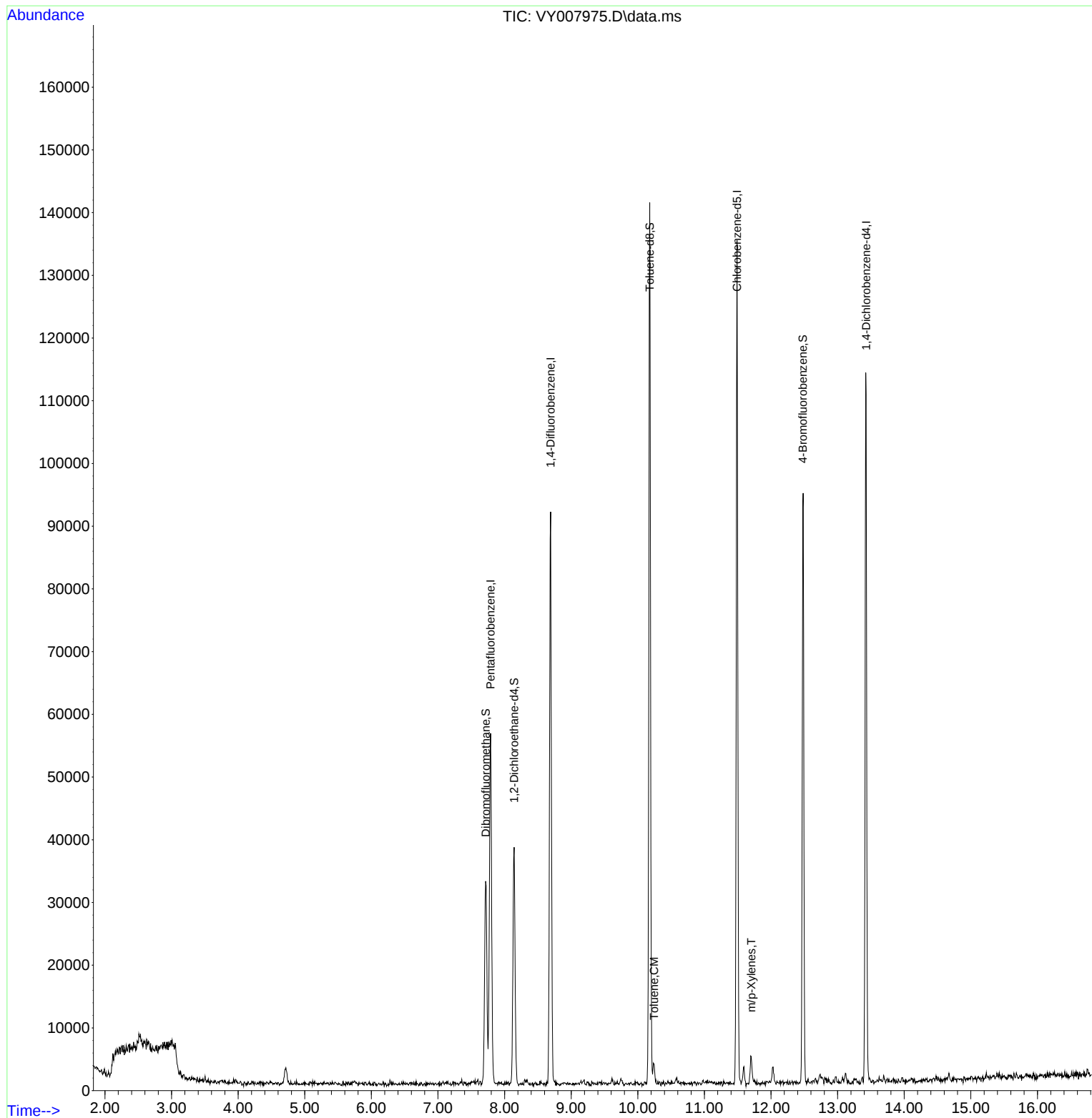
Internal Standards						
1) Pentafluorobenzene	7.789	168	40799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	75702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	67295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	27139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	28477	61.216	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.440%	
35) Dibromofluoromethane	7.716	113	23783	44.734	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.460%	
50) Toluene-d8	10.179	98	91799	58.142	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.280%	
62) 4-Bromofluorobenzene	12.477	95	31209	40.902	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.800%	
Target Compounds						
						Qvalue
52) Toluene	10.246	92	1566	1.058	ug/l	85
68) m/p-Xylenes	11.703	106	1560	1.393	ug/l	82

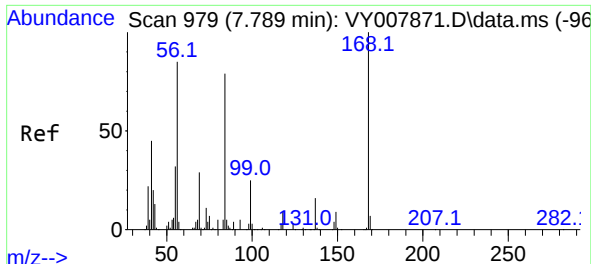
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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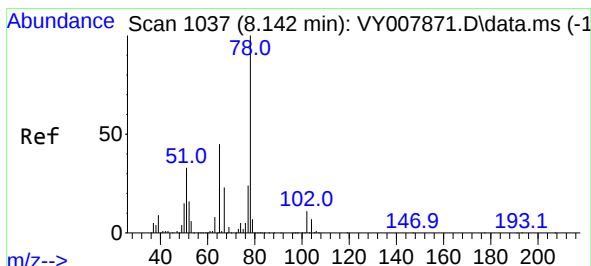
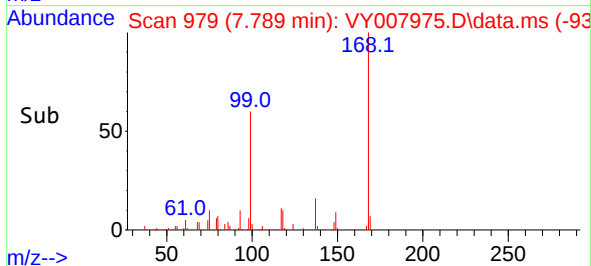
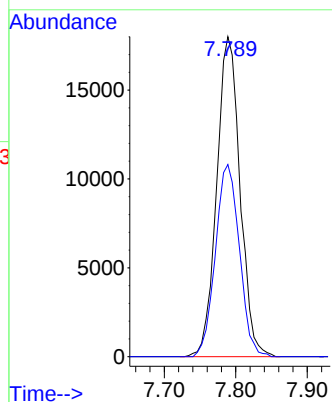
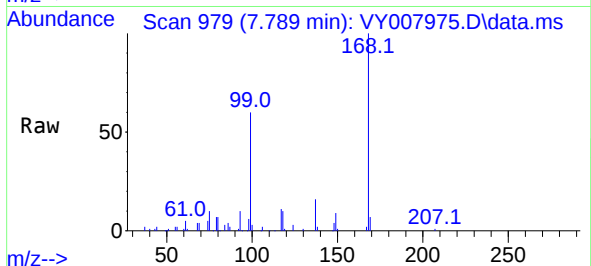




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007975.D
Acq: 22 Mar 2022 00:43

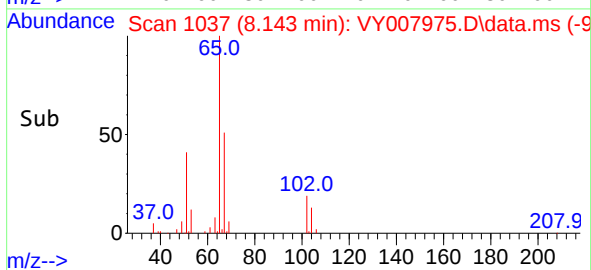
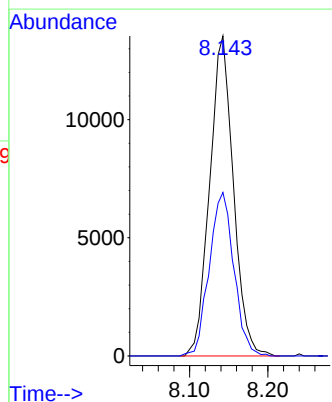
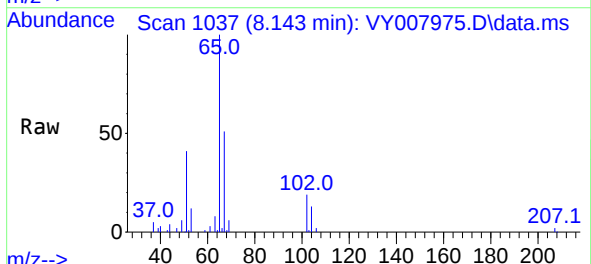
Instrument :
MSVOA_Y
ClientSampleId :
MHQ-SP

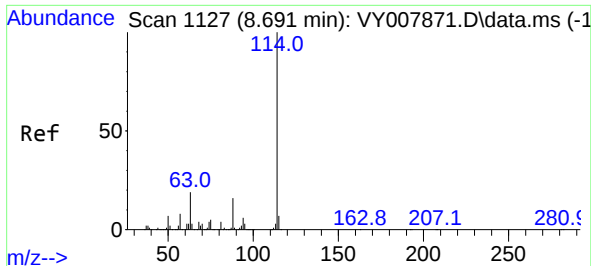
Tgt Ion:168 Resp: 40799
Ion Ratio Lower Upper
168 100
99 60.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.216 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007975.D
Acq: 22 Mar 2022 00:43

Tgt Ion: 65 Resp: 28477
Ion Ratio Lower Upper
65 100
67 53.0 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: VY007975.D

Acq: 22 Mar 2022 00:43

Instrument :

MSVOA_Y

ClientSampleId :

MHQ-SP

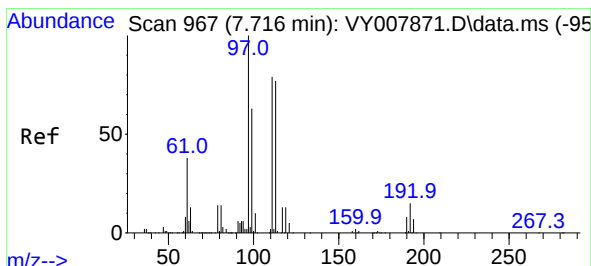
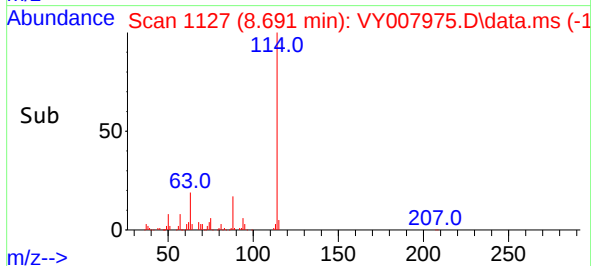
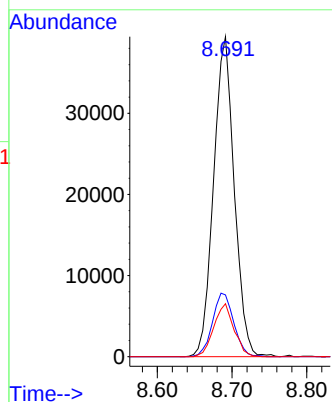
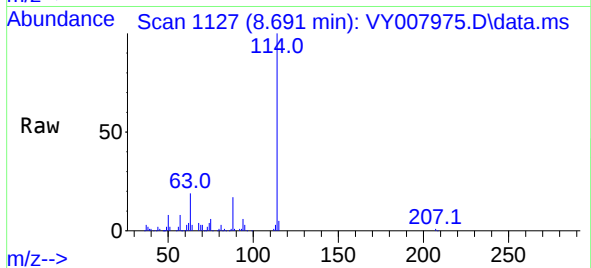
Tgt Ion:114 Resp: 75702

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 16.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.734 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007975.D

Acq: 22 Mar 2022 00:43

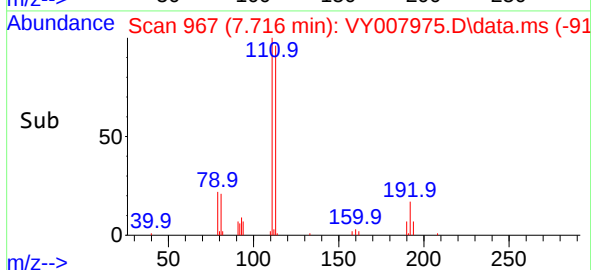
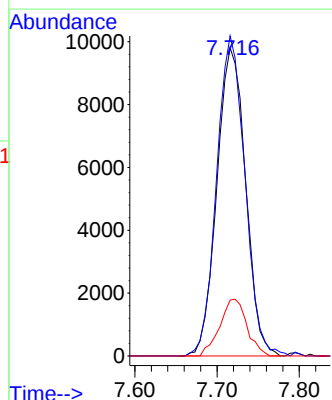
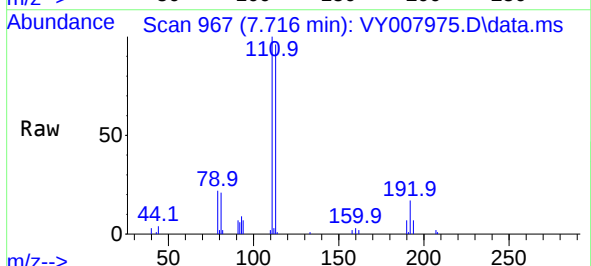
Tgt Ion:113 Resp: 23783

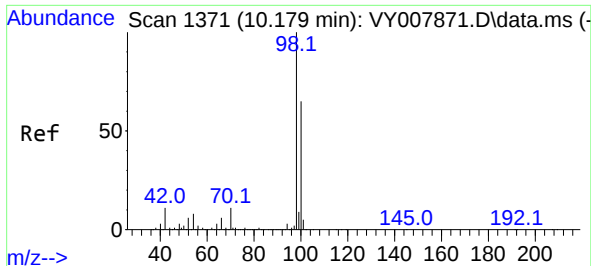
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 17.4 17.6 26.4#

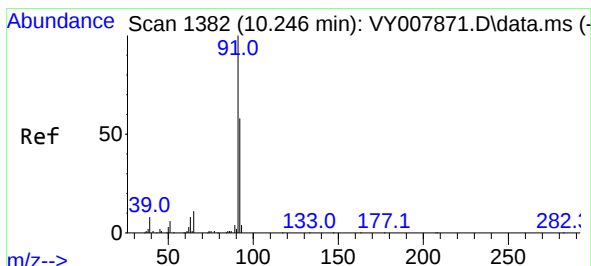
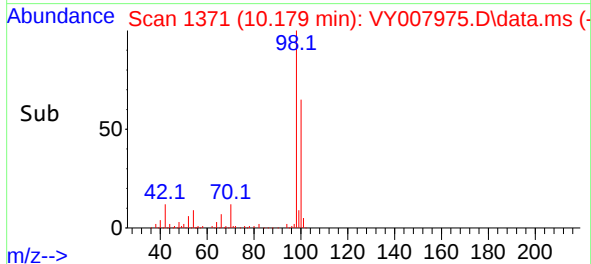
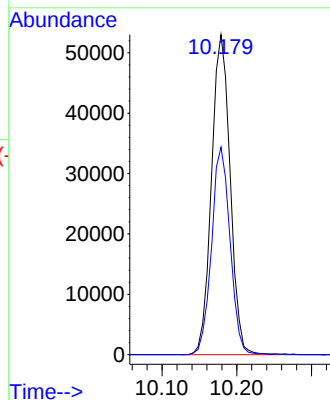
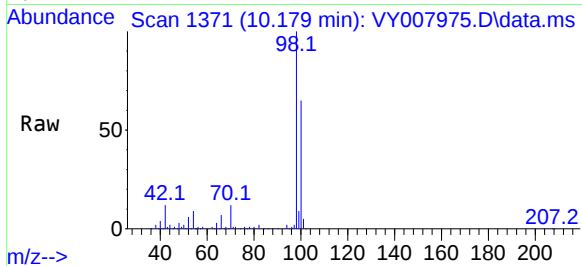




#50
Toluene-d8
Concen: 58.142 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007975.D
Acq: 22 Mar 2022 00:43

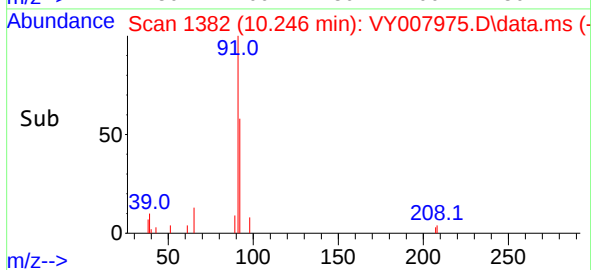
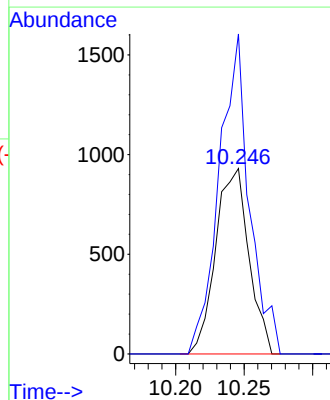
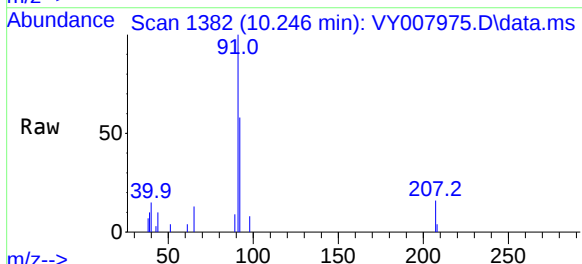
Instrument :
MSVOA_Y
ClientSampleId :
MHQ-SP

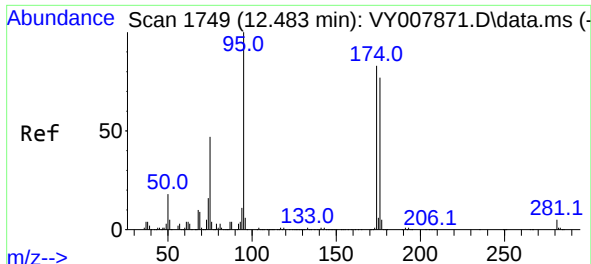
Tgt Ion: 98 Resp: 91799
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#52
Toluene
Concen: 1.058 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY007975.D
Acq: 22 Mar 2022 00:43

Tgt Ion: 92 Resp: 1566
Ion Ratio Lower Upper
92 100
91 157.0 142.6 213.8

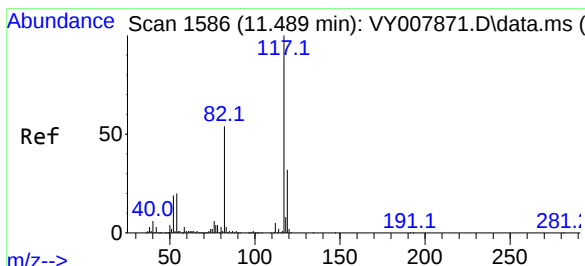
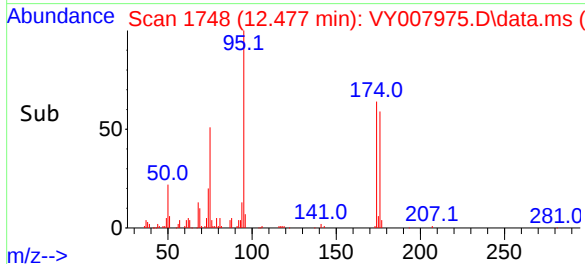
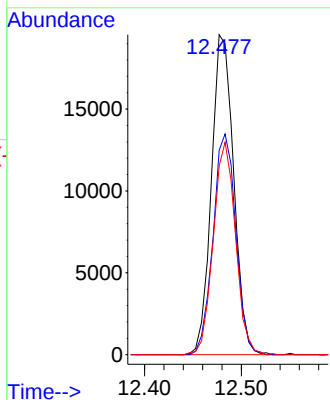
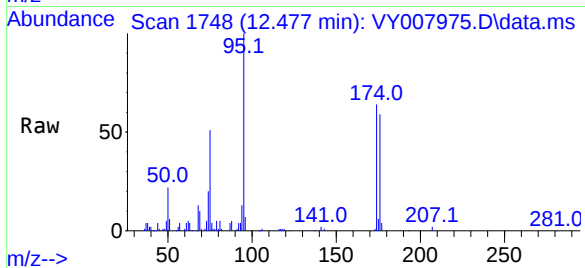




#62
4-Bromofluorobenzene
Concen: 40.902 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007975.D
Acq: 22 Mar 2022 00:43

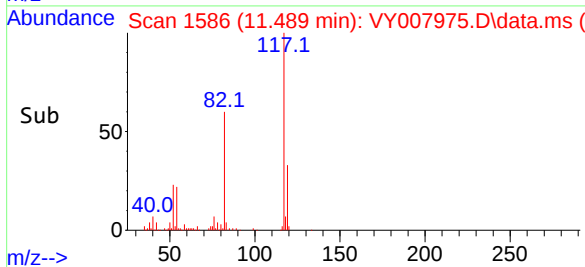
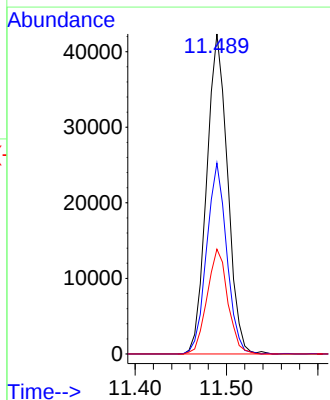
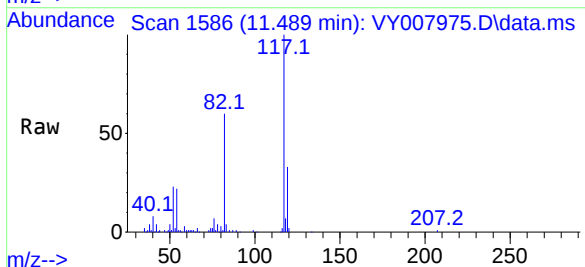
Instrument :
MSVOA_Y
ClientSampleId :
MHQ-SP

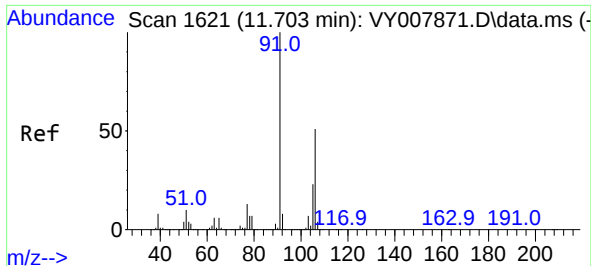
Tgt Ion: 95 Resp: 31209
Ion Ratio Lower Upper
95 100
174 70.7 0.0 177.0
176 66.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007975.D
Acq: 22 Mar 2022 00:43

Tgt Ion: 117 Resp: 67295
Ion Ratio Lower Upper
117 100
82 59.6 43.0 64.4
119 32.7 25.4 38.0

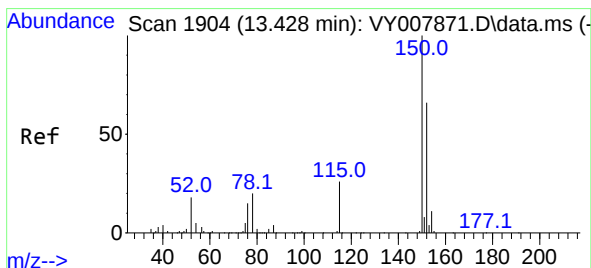
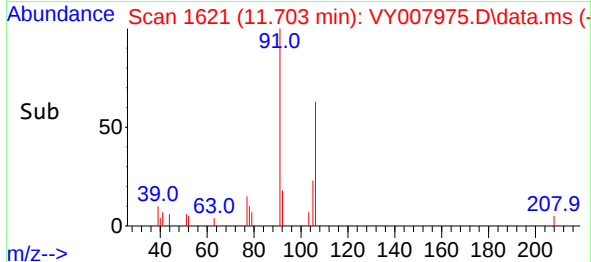
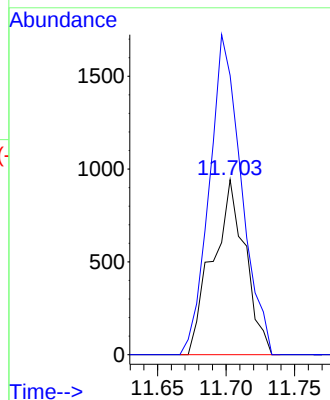
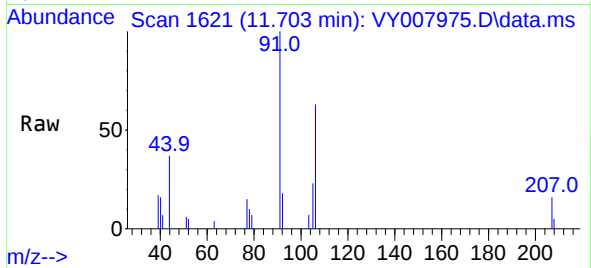




#68
m/p-Xylenes
Concen: 1.393 ug/l
RT: 11.703 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007975.D
Acq: 22 Mar 2022 00:43

Instrument :
MSVOA_Y
ClientSampleId :
MHQ-SP

Tgt Ion:106 Resp: 1560
Ion Ratio Lower Upper
106 100
91 180.1 166.6 249.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007975.D
Acq: 22 Mar 2022 00:43

Tgt Ion:152 Resp: 27139
Ion Ratio Lower Upper
152 100
115 63.7 28.2 84.7
150 159.8 0.0 347.6

