

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007848.D
 Acq On : 11 Mar 2022 12:42
 Operator : SY/MD
 Sample : N1853-04
 Misc : 6.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SR-EX2B-BASE-02

Quant Time: Mar 11 23:21:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

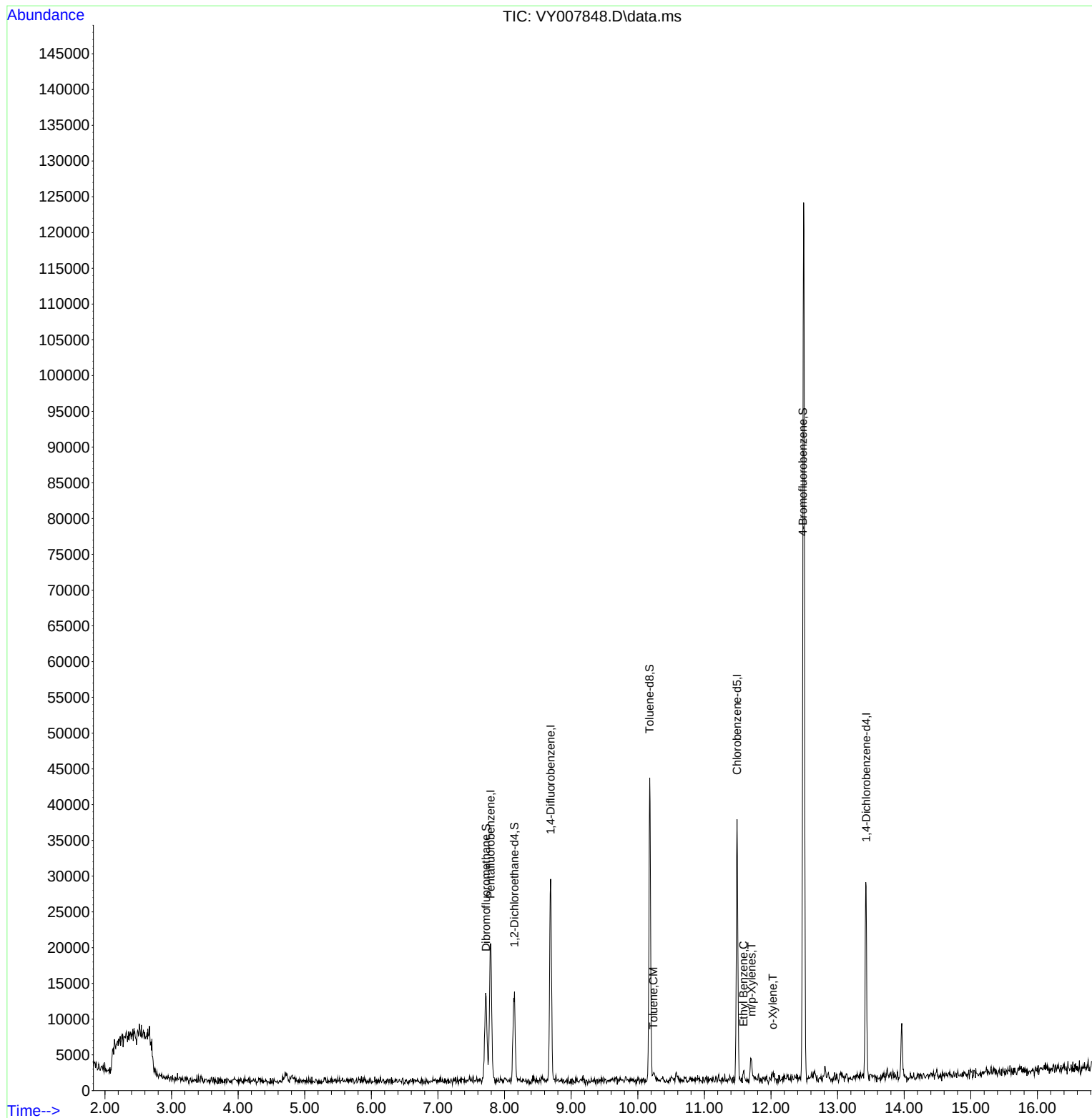
Internal Standards						
1) Pentafluorobenzene	7.789	168	14884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	22135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	17517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	9899	63.528	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.060%	
35) Dibromofluoromethane	7.722	113	8256	58.340	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.680%	
50) Toluene-d8	10.179	98	25153	48.285	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.560%	
62) 4-Bromofluorobenzene	12.477	95	6272	37.352	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 74.700%	
Target Compounds						
					Qvalue	
52) Toluene	10.234	92	503	1.256	ug/l	96
67) Ethyl Benzene	11.587	91	843	1.225	ug/l #	81
68) m/p-Xylenes	11.709	106	1208	4.575	ug/l	76
69) o-Xylene	12.026	106	275	1.099	ug/l	91

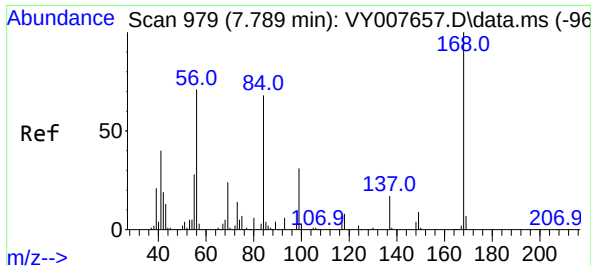
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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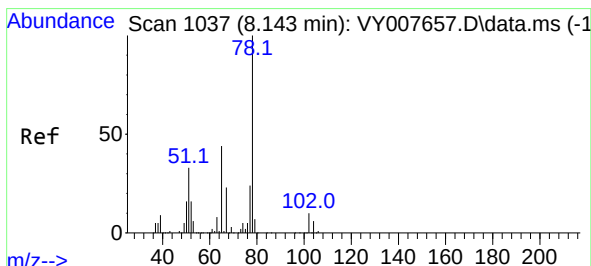
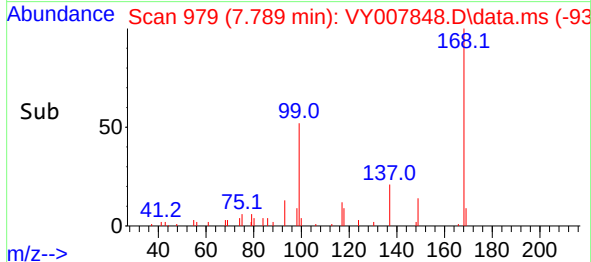
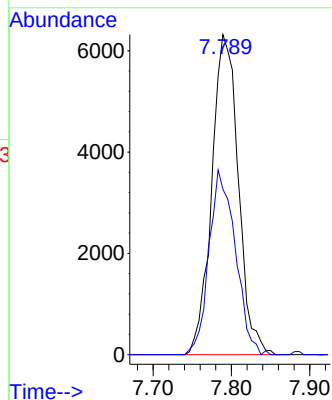
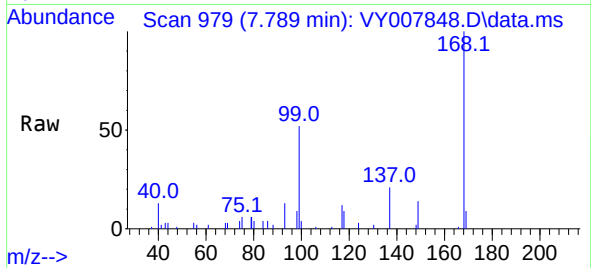




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007848.D
Acq: 11 Mar 2022 12:42

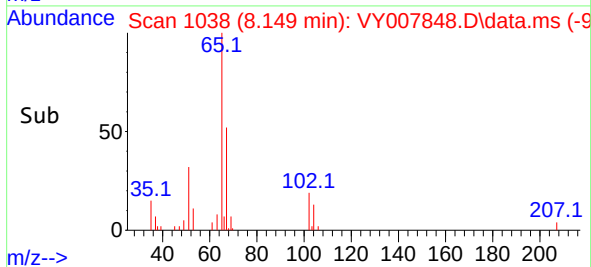
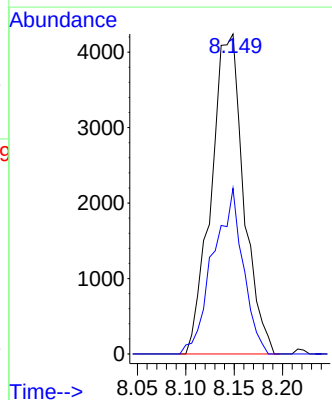
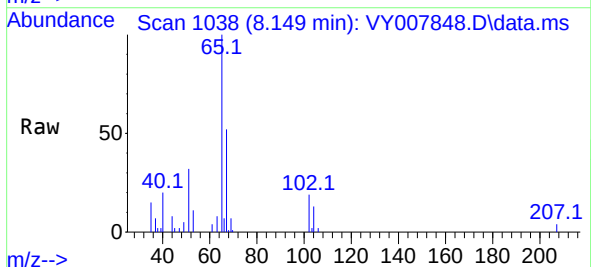
Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2B-BASE-02

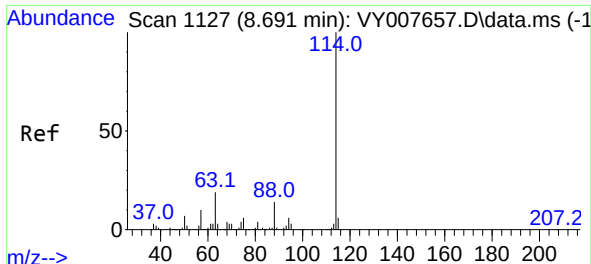
Tgt Ion:168 Resp: 14884
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 63.528 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007848.D
Acq: 11 Mar 2022 12:42

Tgt Ion: 65 Resp: 9899
Ion Ratio Lower Upper
65 100
67 47.9 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: VY007848.D

Acq: 11 Mar 2022 12:42

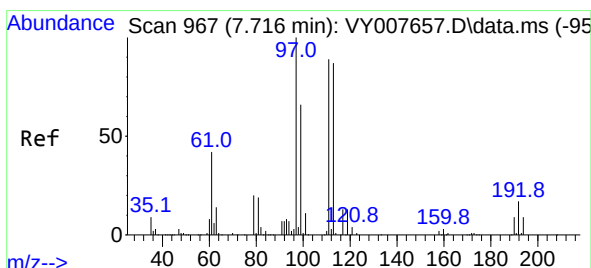
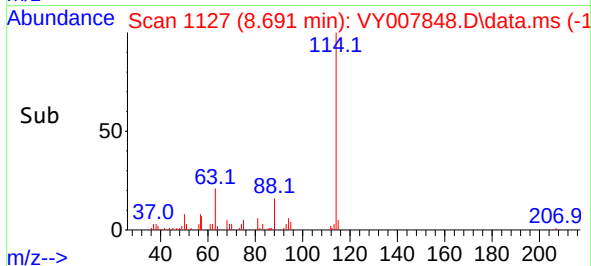
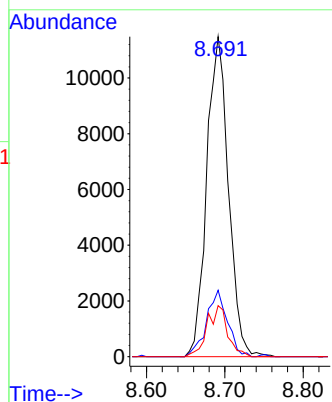
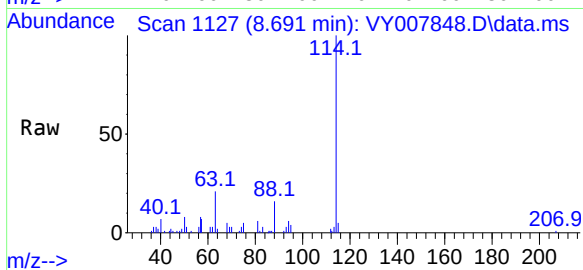
Instrument :

MSVOA_Y

ClientSampleId :

SR-EX2B-BASE-02

Tgt Ion:	114	Resp:	22135
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	43.2
88	15.9	0.0	31.8



#35

Dibromofluoromethane

Concen: 58.340 ug/l

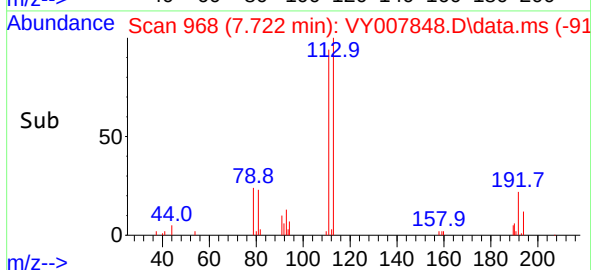
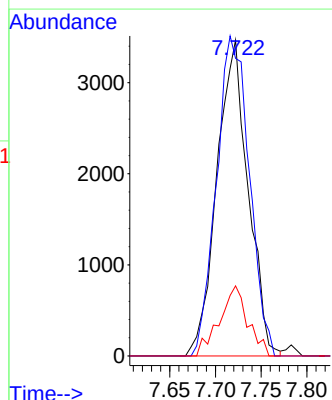
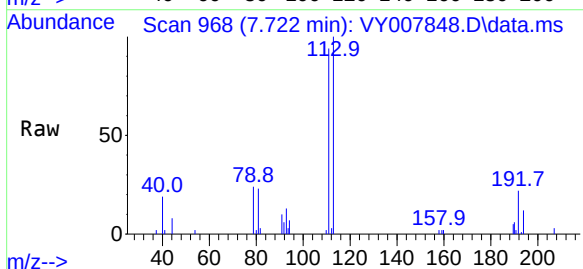
RT: 7.722 min Scan# 968

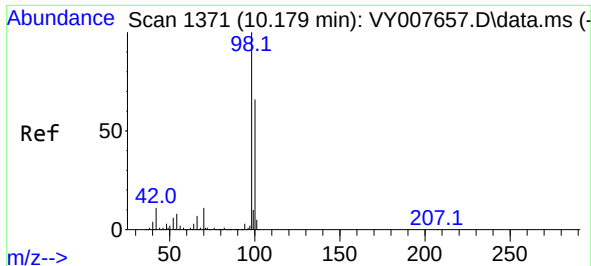
Delta R.T. 0.006 min

Lab File: VY007848.D

Acq: 11 Mar 2022 12:42

Tgt Ion:	113	Resp:	8256
Ion Ratio	Lower	Upper	
113	100		
111	106.2	82.6	124.0
192	20.1	17.6	26.4

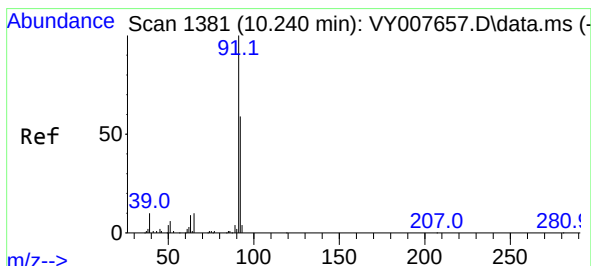
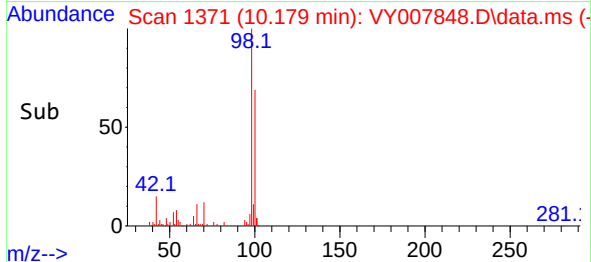
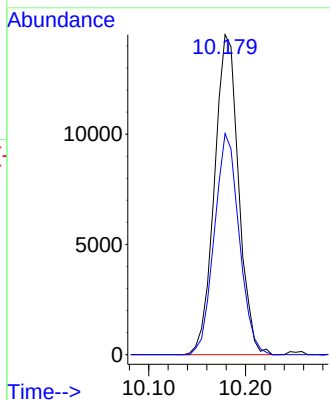
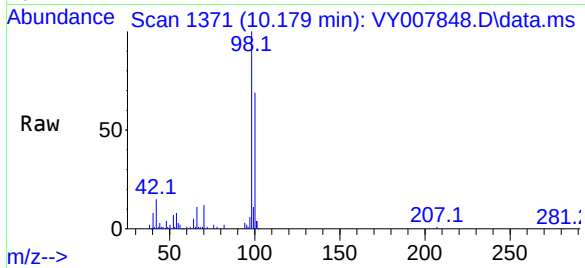




#50
Toluene-d8
Concen: 48.285 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007848.D
Acq: 11 Mar 2022 12:42

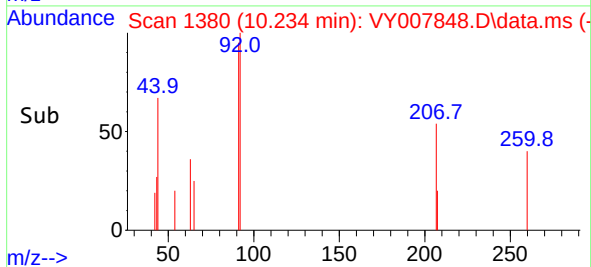
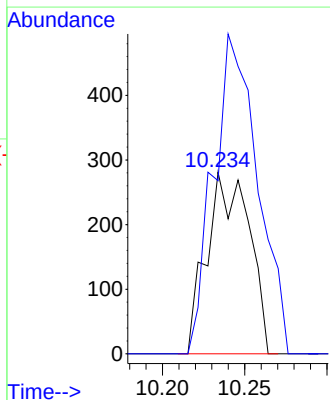
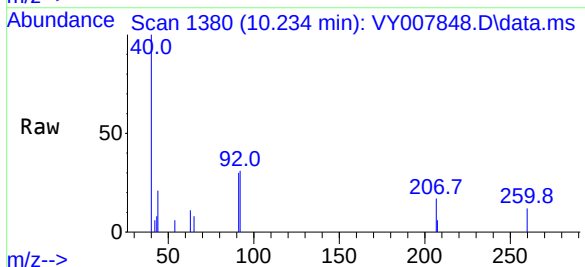
Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2B-BASE-02

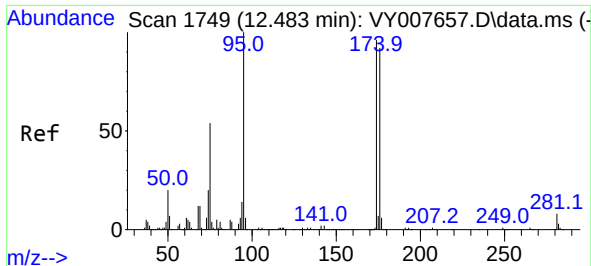
Tgt Ion: 98 Resp: 25153
Ion Ratio Lower Upper
98 100
100 71.0 50.2 75.2



#52
Toluene
Concen: 1.256 ug/l
RT: 10.234 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VY007848.D
Acq: 11 Mar 2022 12:42

Tgt Ion: 92 Resp: 503
Ion Ratio Lower Upper
92 100
91 183.7 142.6 213.8

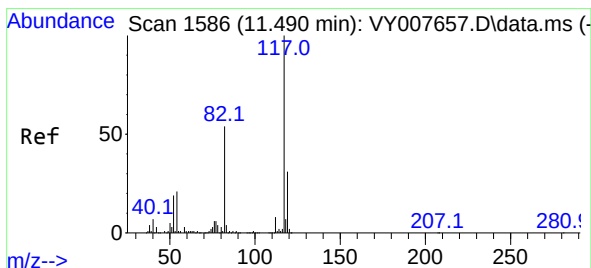
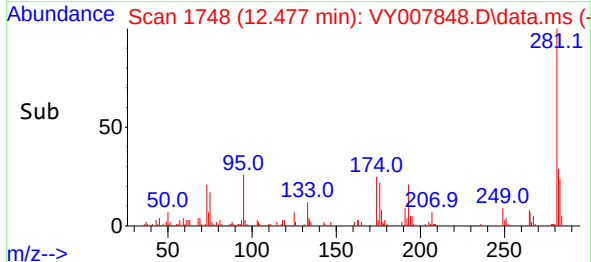
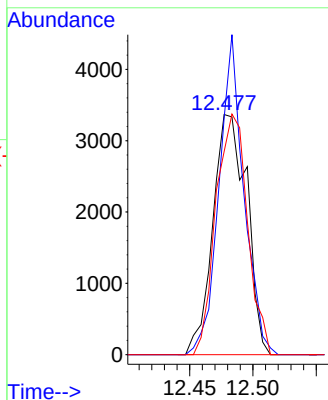
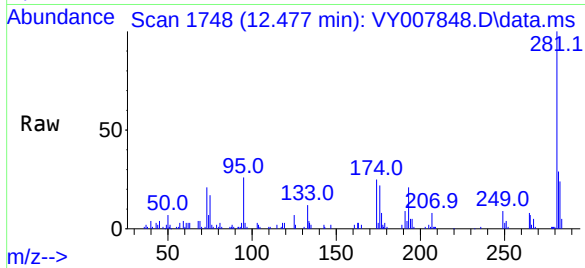




#62
4-Bromofluorobenzene
Concen: 37.352 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007848.D
Acq: 11 Mar 2022 12:42

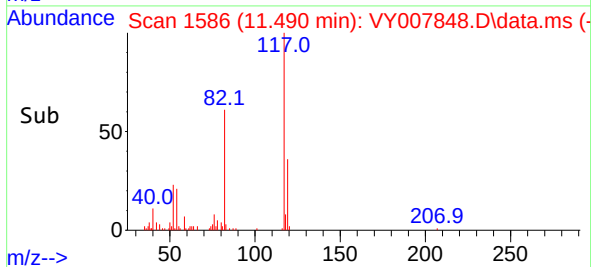
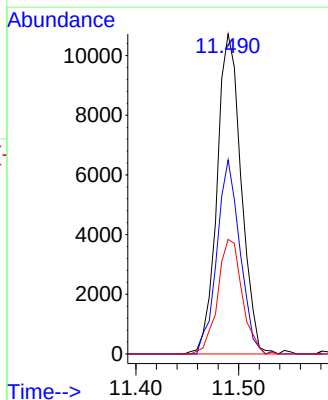
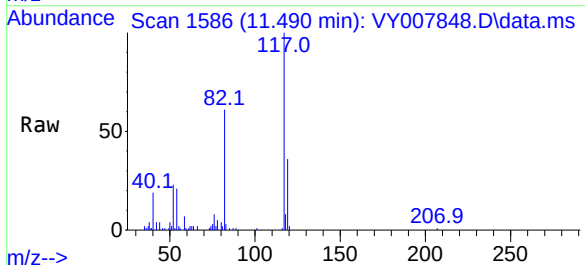
Instrument :
MSVOA_Y
ClientSampleId :
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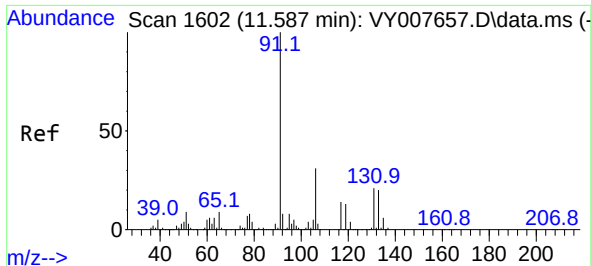
Tgt Ion: 95 Resp: 6272
Ion Ratio Lower Upper
95 100
174 97.7 0.0 177.0
176 93.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007848.D
Acq: 11 Mar 2022 12:42

Tgt Ion: 117 Resp: 17517
Ion Ratio Lower Upper
117 100
82 60.6 43.0 64.4
119 35.8 25.4 38.0

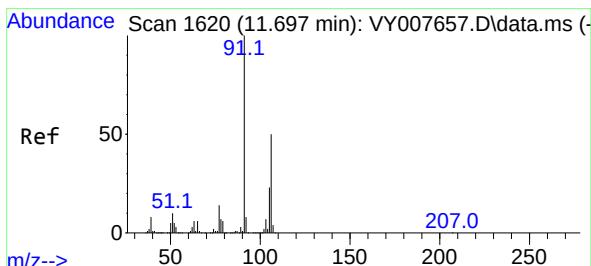
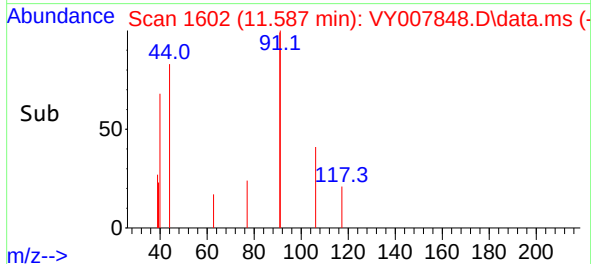
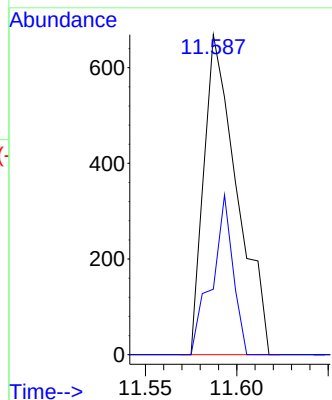
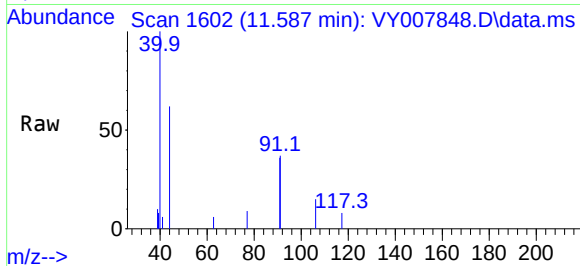




#67
Ethyl Benzene
Concen: 1.225 ug/l
RT: 11.587 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VY007848.D
Acq: 11 Mar 2022 12:42

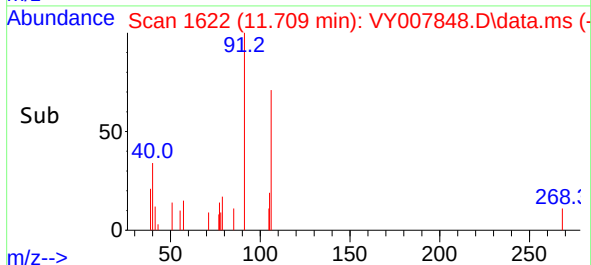
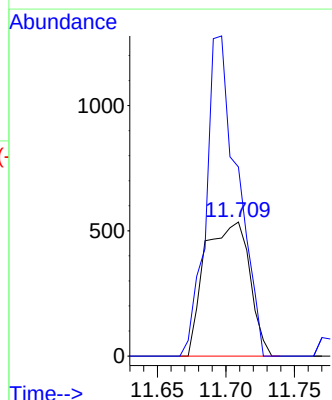
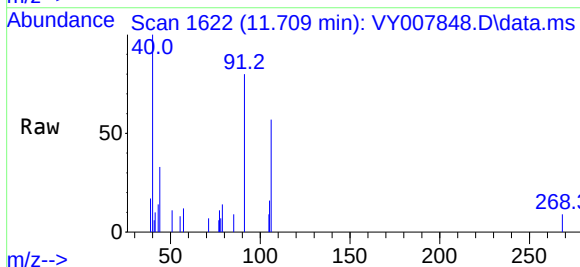
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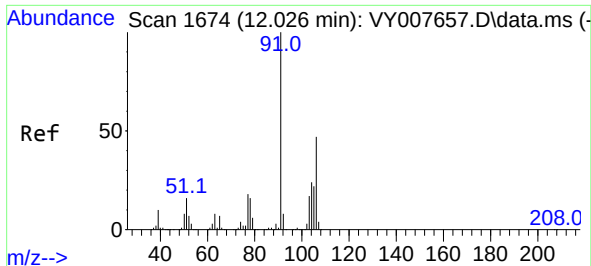
Tgt Ion: 91 Resp: 843
Ion Ratio Lower Upper
91 100
106 20.5 24.5 36.7#



#68
m/p-Xylenes
Concen: 4.575 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.012 min
Lab File: VY007848.D
Acq: 11 Mar 2022 12:42

Tgt Ion: 106 Resp: 1208
Ion Ratio Lower Upper
106 100
91 170.4 166.6 249.8

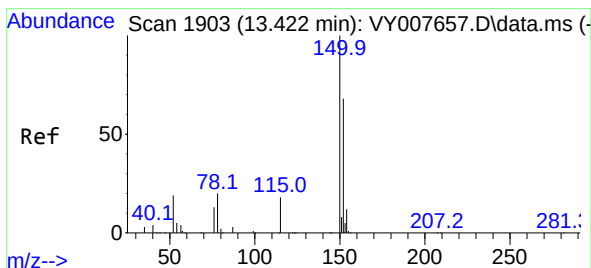
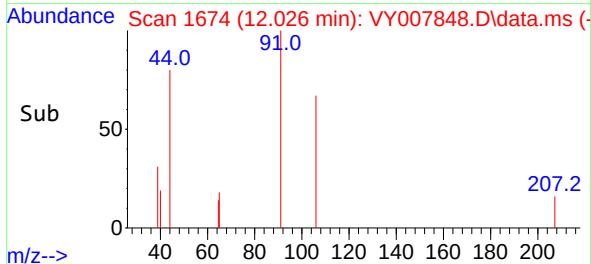
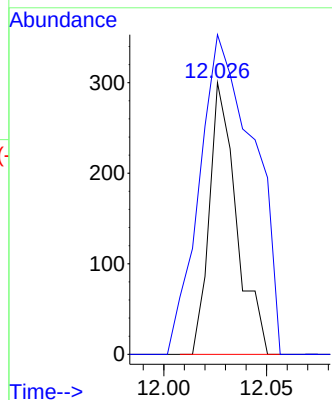
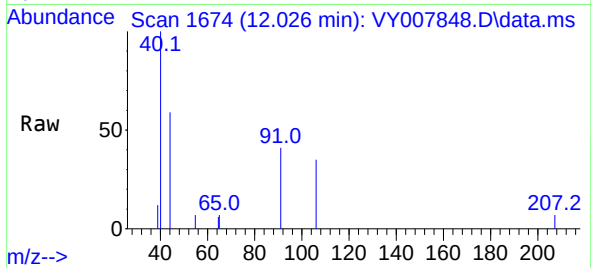




#69
o-Xylene
Concen: 1.099 ug/l
RT: 12.026 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007848.D
Acq: 11 Mar 2022 12:42

Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2B-BASE-02

Tgt Ion:106 Resp: 275
Ion Ratio Lower Upper
106 100
91 236.0 110.3 331.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007848.D
Acq: 11 Mar 2022 12:42

Tgt Ion:152 Resp: 6485
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 153.9 0.0 347.6

