

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020422\
 Data File : VY007394.D
 Acq On : 04 Feb 2022 15:03
 Operator : SY/MD
 Sample : N1391-04
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-08-020322

Quant Time: Feb 06 23:35:40 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)

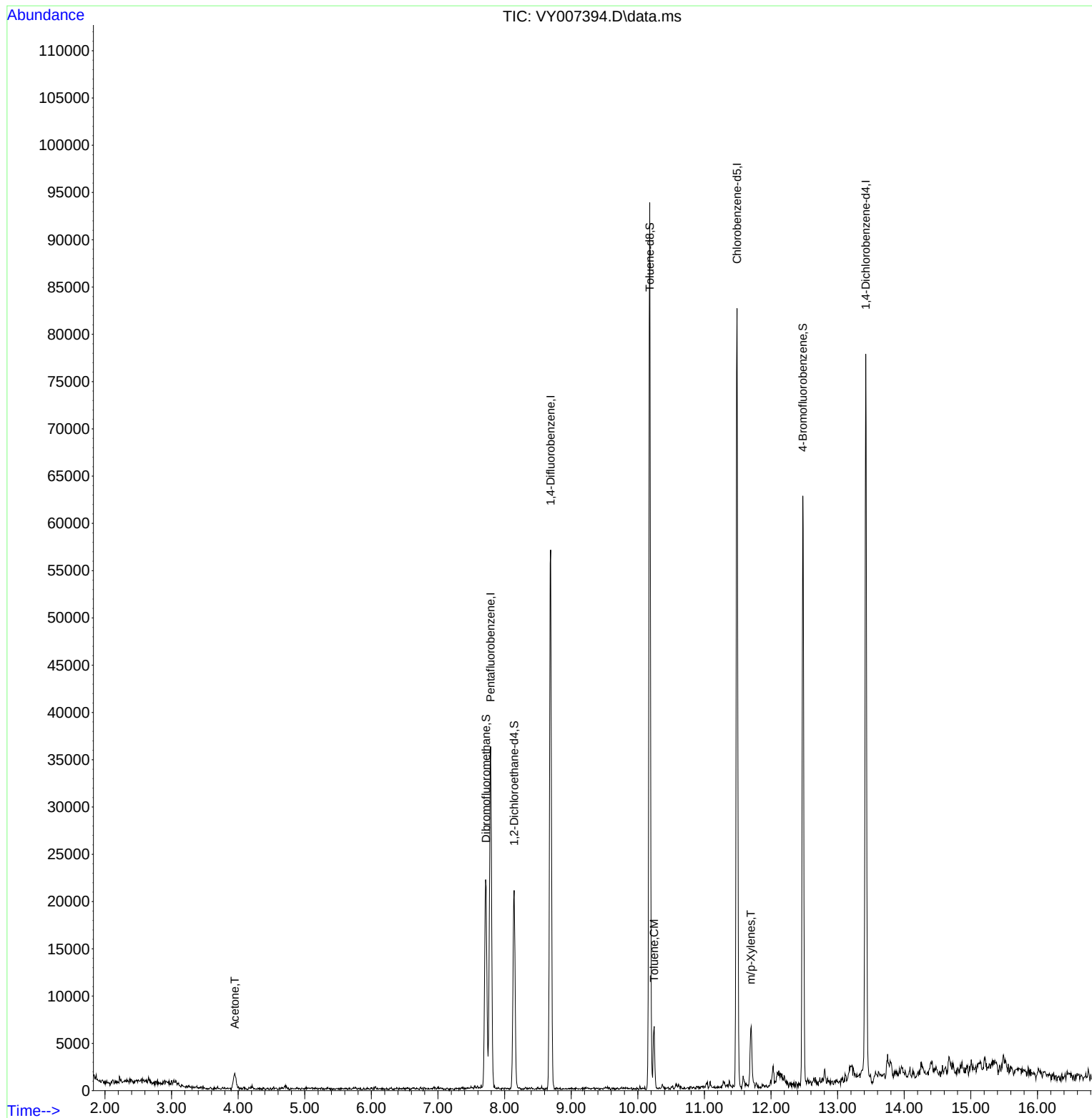
Internal Standards						
1) Pentafluorobenzene	7.789	168	26226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	48081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	44206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	18680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	16185	53.653	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.300%	
35) Dibromofluoromethane	7.722	113	15327	49.643	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.280%	
50) Toluene-d8	10.179	98	59000	51.724	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.440%	
62) 4-Bromofluorobenzene	12.477	95	20307	52.378	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.760%	
Target Compounds						Qvalue
16) Acetone	3.948	43	3238	33.050	ug/l	95
52) Toluene	10.246	92	2844	3.155	ug/l	95
68) m/p-Xylenes	11.697	106	1599	2.314	ug/l	97

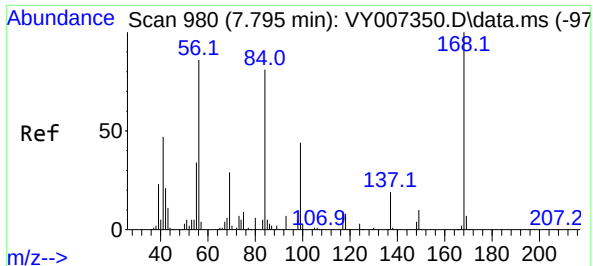
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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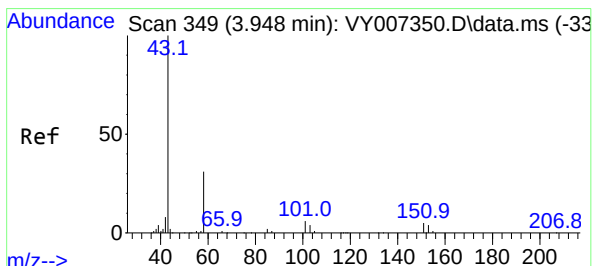
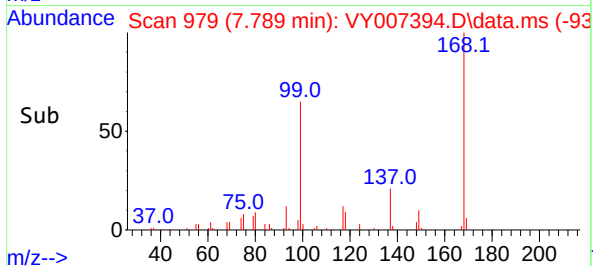
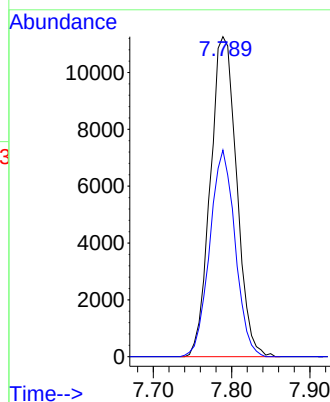
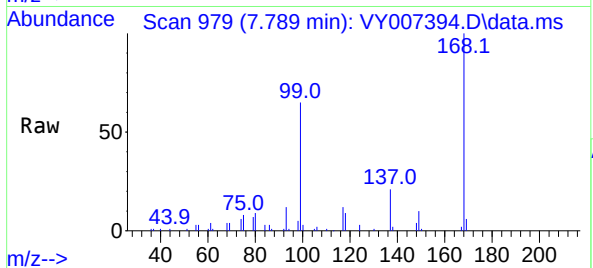




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007394.D
Acq: 04 Feb 2022 15:03

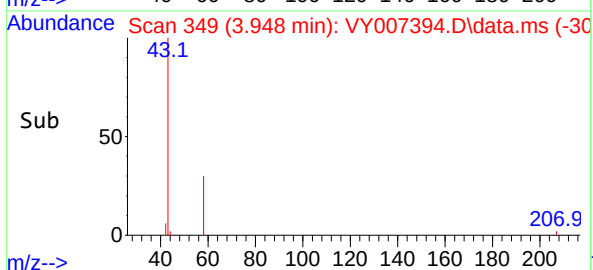
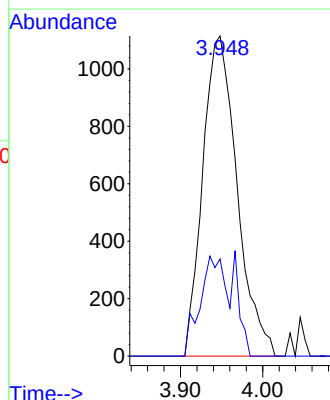
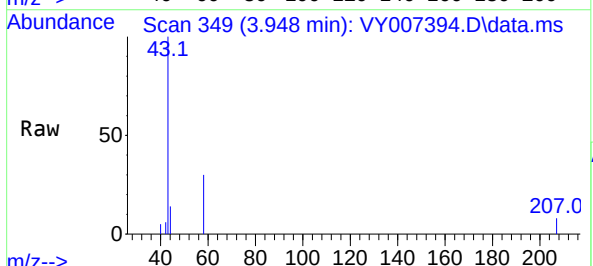
Instrument :
MSVOA_Y
ClientSampleId :
TR-08-020322

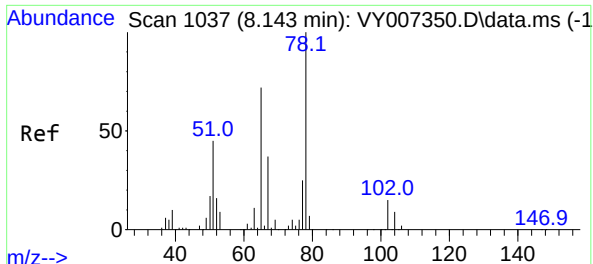
Tgt Ion:168 Resp: 26226
Ion Ratio Lower Upper
168 100
99 64.5 46.9 70.3



#16
Acetone
Concen: 33.050 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007394.D
Acq: 04 Feb 2022 15:03

Tgt Ion: 43 Resp: 3238
Ion Ratio Lower Upper
43 100
58 30.3 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 53.653 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007394.D

Acq: 04 Feb 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

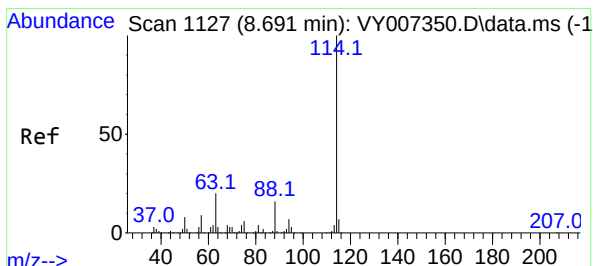
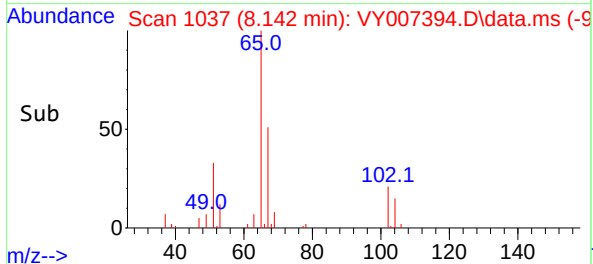
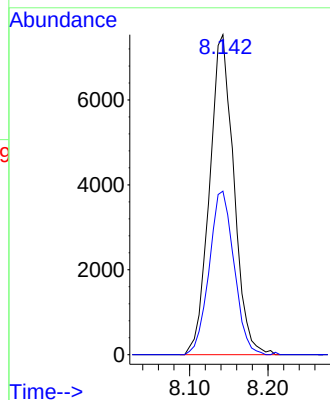
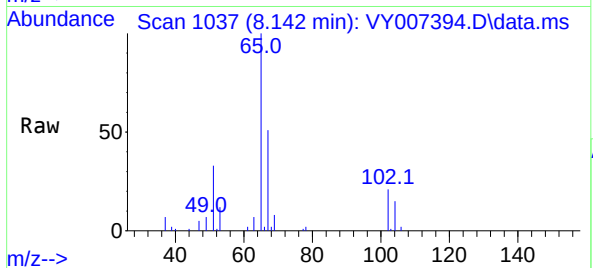
TR-08-020322

Tgt Ion: 65 Resp: 16185

Ion Ratio Lower Upper

65 100

67 52.5 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: VY007394.D

Acq: 04 Feb 2022 15:03

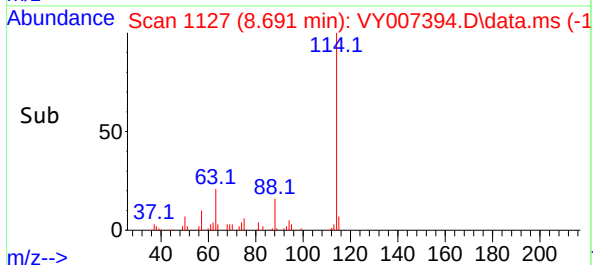
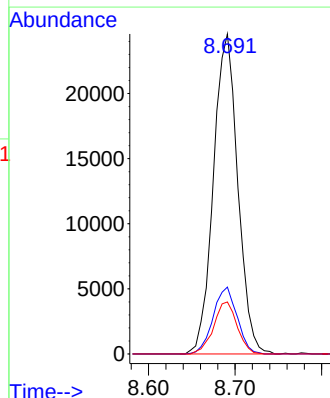
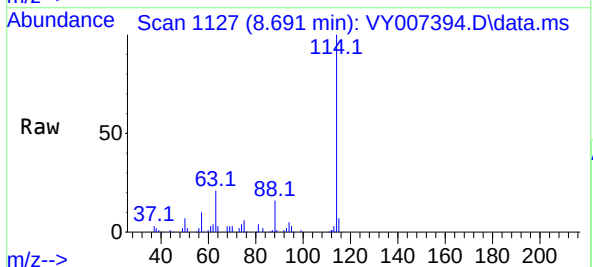
Tgt Ion: 114 Resp: 48081

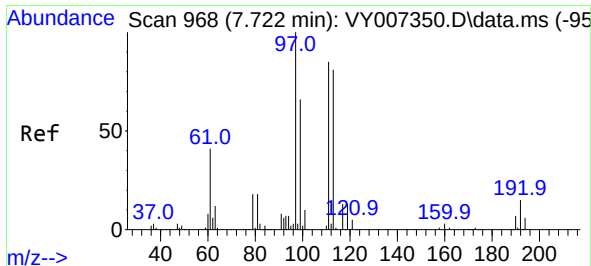
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.2

88 16.2 0.0 31.8

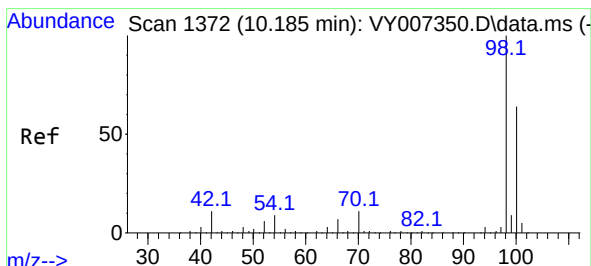
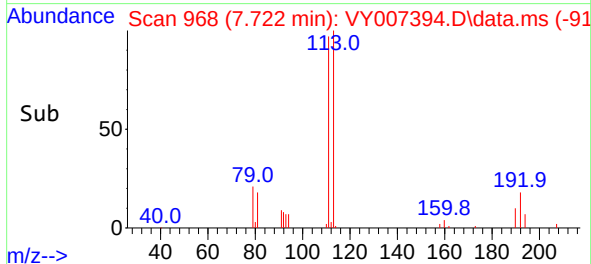
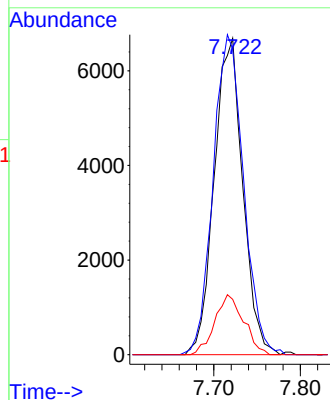
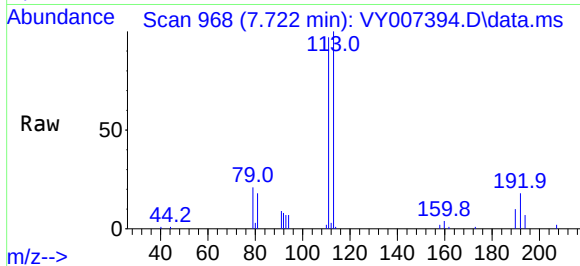




#35
Dibromofluoromethane
Concen: 49.643 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007394.D
Acq: 04 Feb 2022 15:03

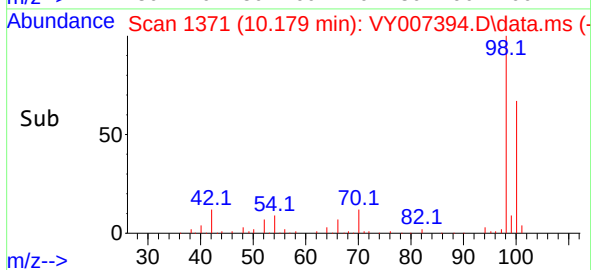
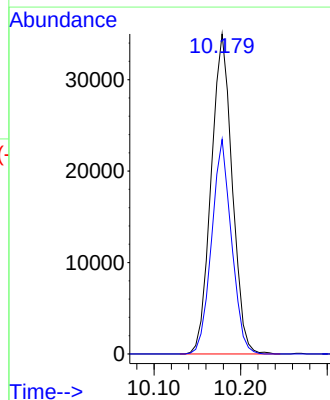
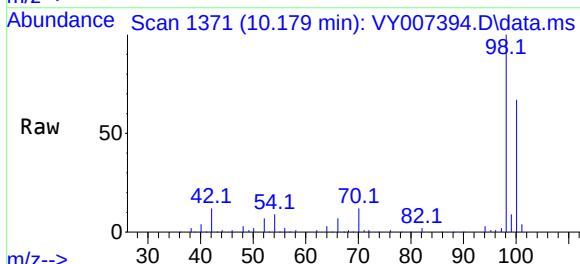
Instrument :
MSVOA_Y
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TR-08-020322

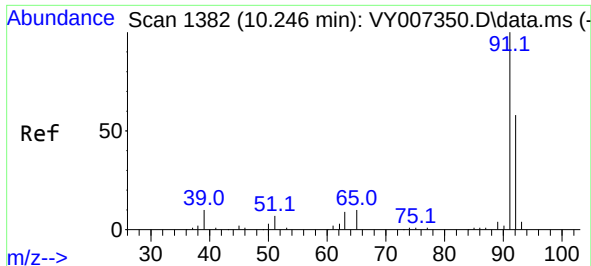
Tgt Ion:113 Resp: 15327
Ion Ratio Lower Upper
113 100
111 107.5 82.6 124.0
192 19.1 17.6 26.4



#50
Toluene-d8
Concen: 51.724 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007394.D
Acq: 04 Feb 2022 15:03

Tgt Ion: 98 Resp: 59000
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2

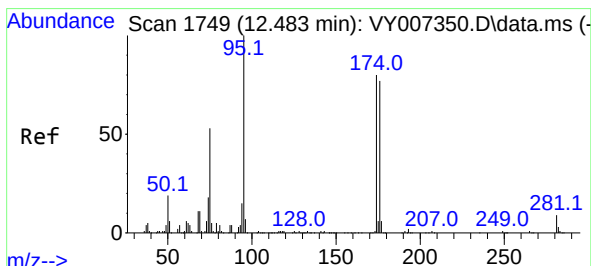
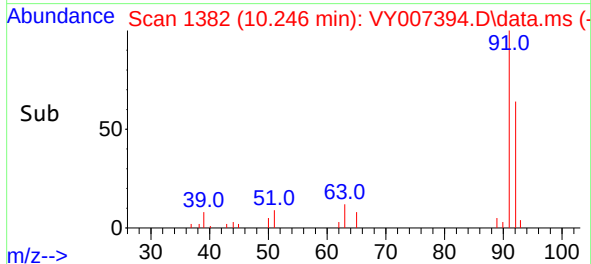
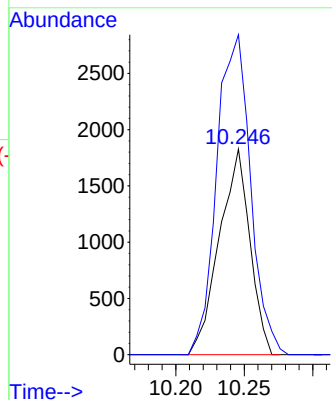
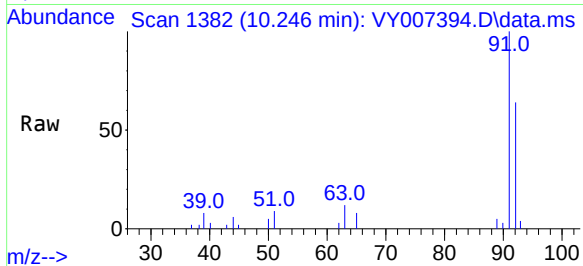




#52
Toluene
Concen: 3.155 ug/l
RT: 10.246 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007394.D
Acq: 04 Feb 2022 15:03

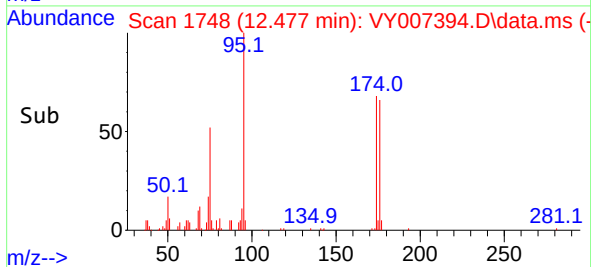
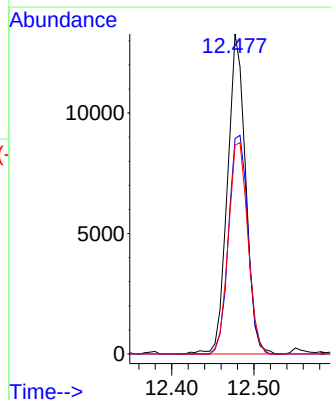
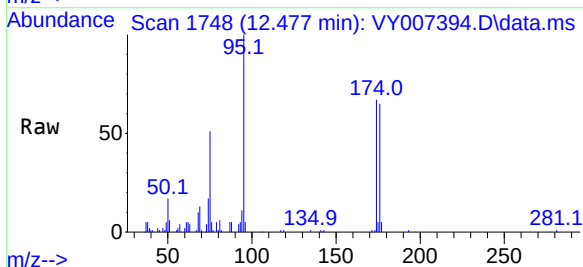
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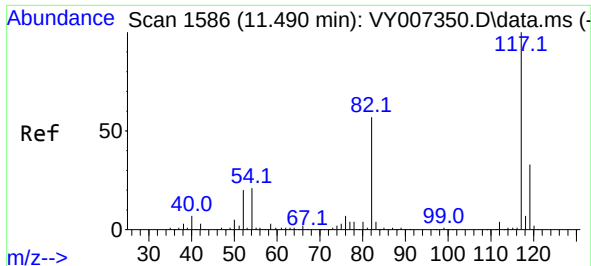
Tgt Ion: 92 Resp: 2844
Ion Ratio Lower Upper
92 100
91 171.4 142.6 213.8



#62
4-Bromofluorobenzene
Concen: 52.378 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007394.D
Acq: 04 Feb 2022 15:03

Tgt Ion: 95 Resp: 20307
Ion Ratio Lower Upper
95 100
174 72.7 0.0 177.0
176 70.7 0.0 175.8

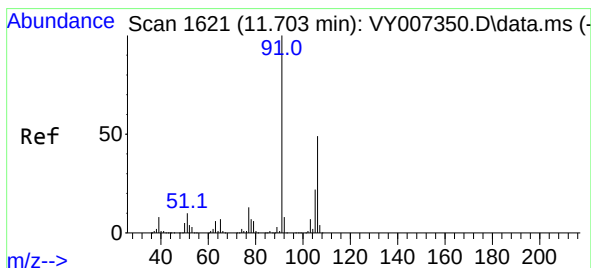
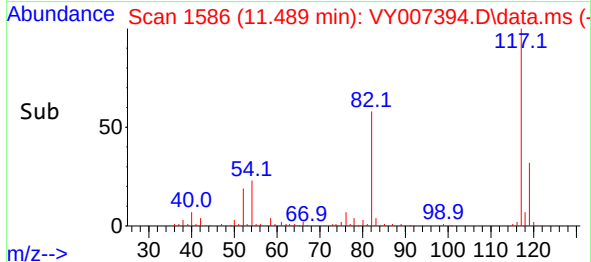
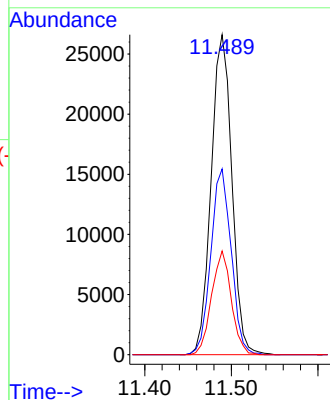
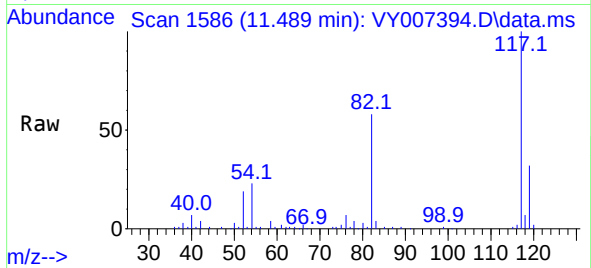




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007394.D
Acq: 04 Feb 2022 15:03

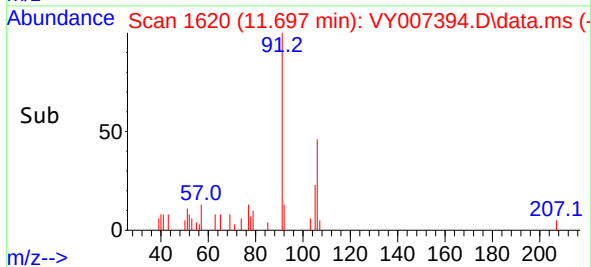
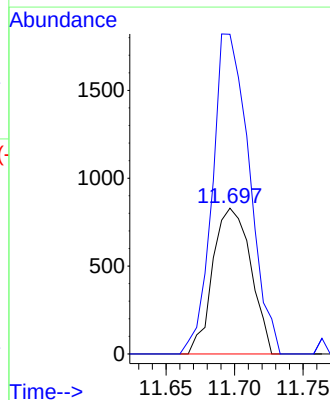
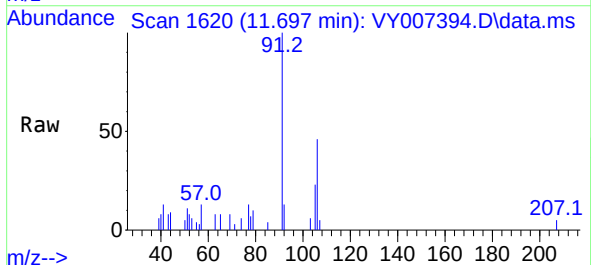
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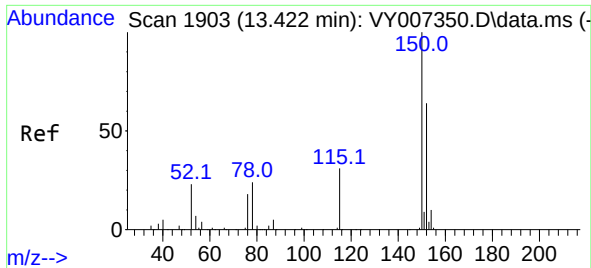
Tgt Ion:117 Resp: 44206
Ion Ratio Lower Upper
117 100
82 58.1 43.0 64.4
119 32.4 25.4 38.0



#68
m/p-Xylenes
Concen: 2.314 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY007394.D
Acq: 04 Feb 2022 15:03

Tgt Ion:106 Resp: 1599
Ion Ratio Lower Upper
106 100
91 213.2 166.6 249.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY007394.D

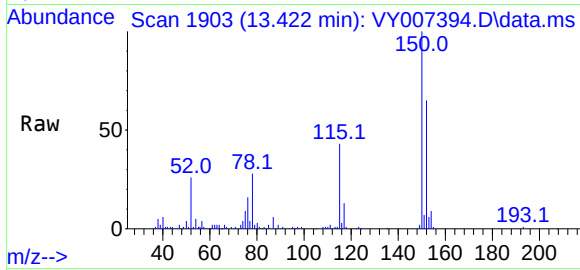
Acq: 04 Feb 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

TR-08-020322



Tgt Ion:152 Resp: 18680

Ion Ratio Lower Upper

152 100

115 62.7 28.2 84.7

150 151.3 0.0 347.6

