

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
 Data File : VY007472.D
 Acq On : 10 Feb 2022 17:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 11 03:05:47 2022
 Quant Title :
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

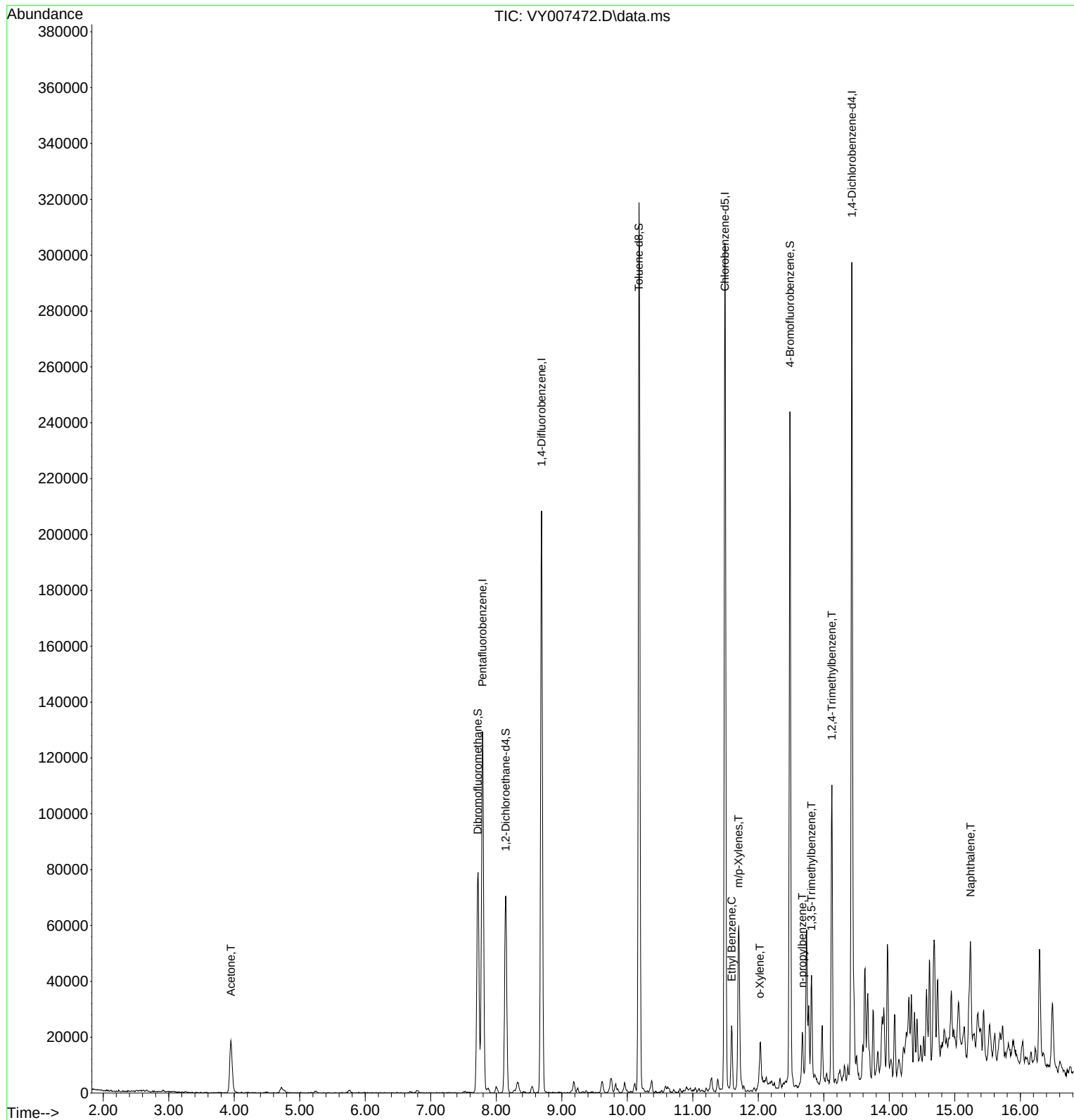
Internal Standards						
1) Pentafluorobenzene	7.789	168	95135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	177456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	165285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	57444	52.495	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.980%	
35) Dibromofluoromethane	7.716	113	55461	48.671	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.340%	
50) Toluene-d8	10.179	98	210894	50.094	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.180%	
62) 4-Bromofluorobenzene	12.483	95	73168	51.134	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.260%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	32477	91.383	ug/l	100
67) Ethyl Benzene	11.593	91	15496	2.221	ug/l	96
68) m/p-Xylenes	11.697	106	16982	6.571	ug/l	99
69) o-Xylene	12.026	106	3996	1.636	ug/l	97
78) n-propylbenzene	12.672	91	12426	1.671	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	14562	2.908	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	56136	11.384	ug/l	99
95) Naphthalene	15.239	128	29401	10.825	ug/l #	94

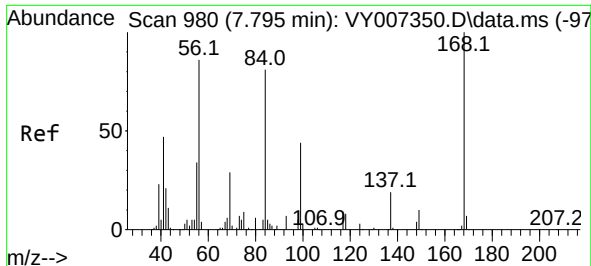
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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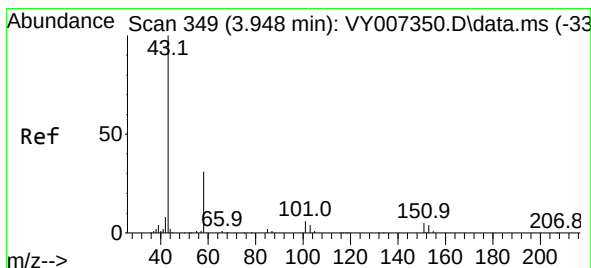
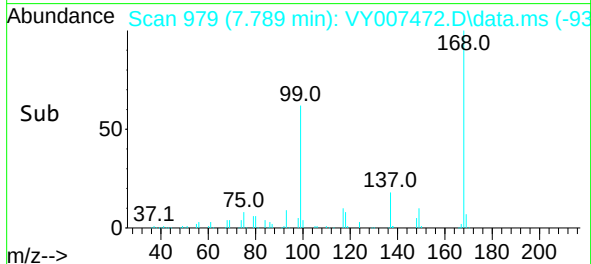
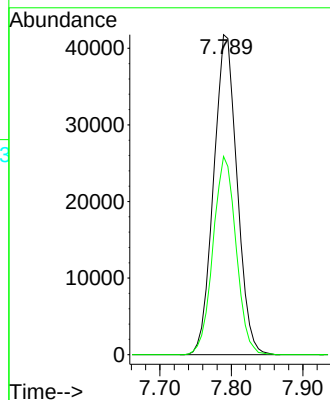
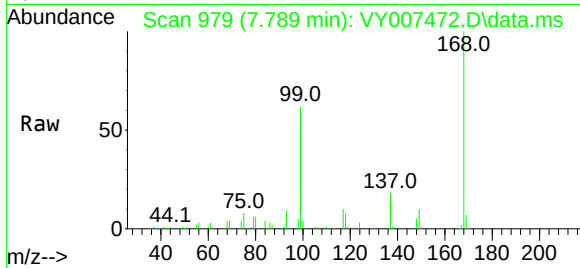




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007472.D
Acq: 10 Feb 2022 17:31

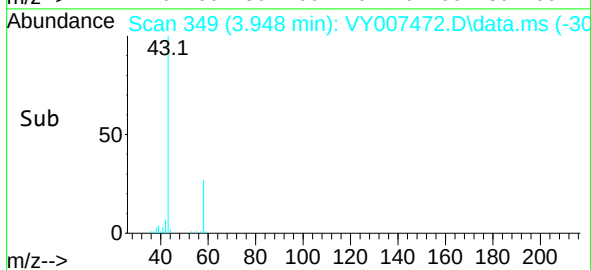
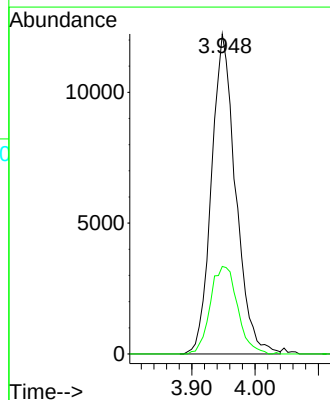
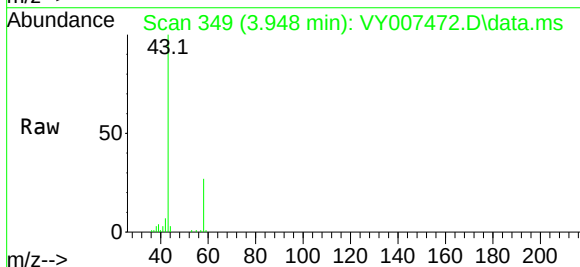
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

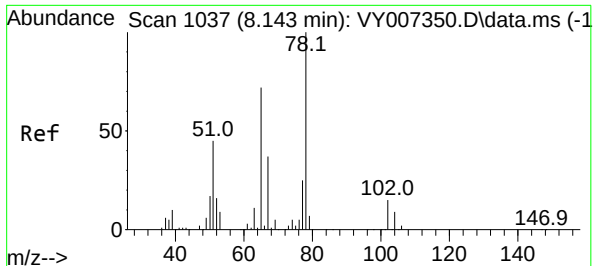
Tgt Ion:168 Resp: 95135
Ion Ratio Lower Upper
168 100
99 62.0 46.9 70.3



#16
Acetone
Concen: 91.383 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007472.D
Acq: 10 Feb 2022 17:31

Tgt Ion: 43 Resp: 32477
Ion Ratio Lower Upper
43 100
58 27.3 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 52.495 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007472.D

Acq: 10 Feb 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

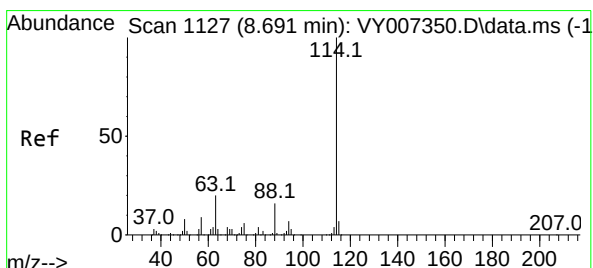
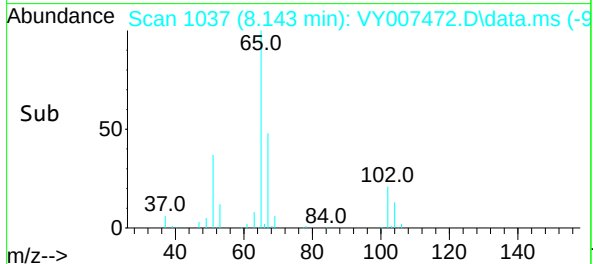
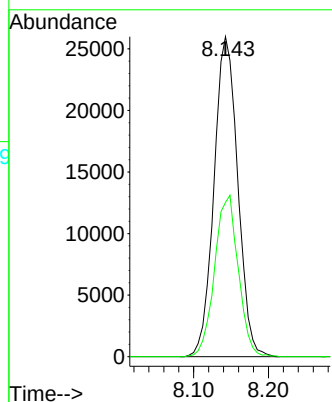
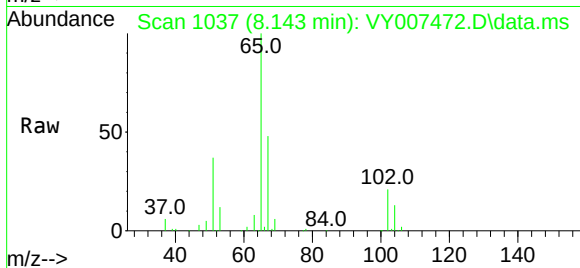
VSTDCCC050

Tgt Ion: 65 Resp: 57444

Ion Ratio Lower Upper

65 100

67 50.3 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: VY007472.D

Acq: 10 Feb 2022 17:31

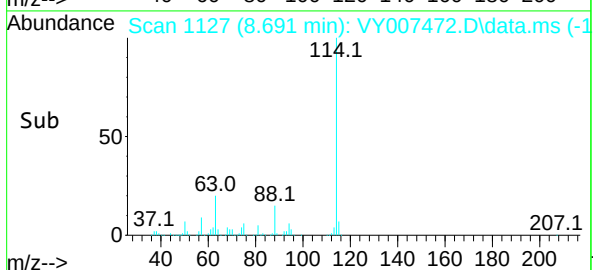
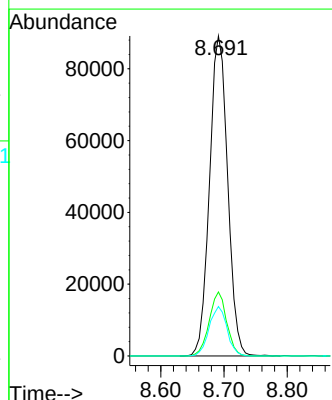
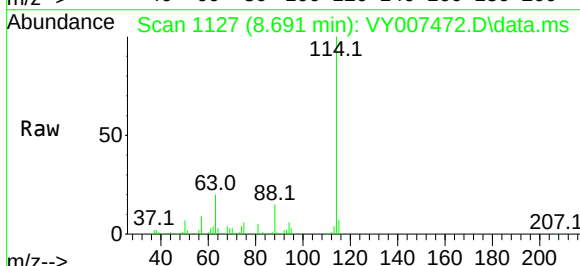
Tgt Ion: 114 Resp: 177456

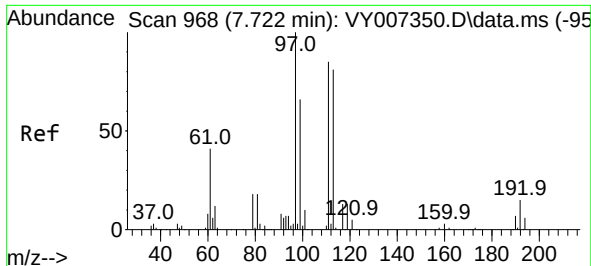
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.5 0.0 31.8

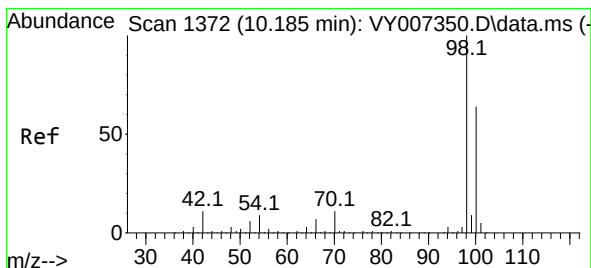
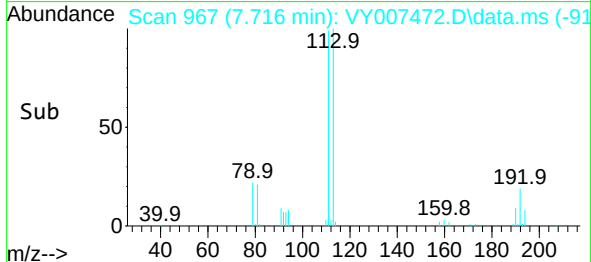
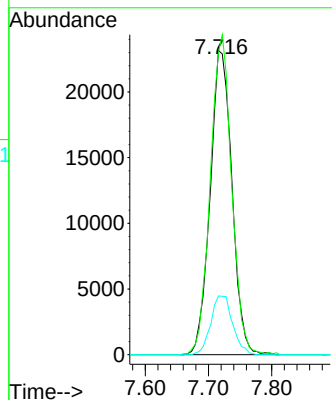
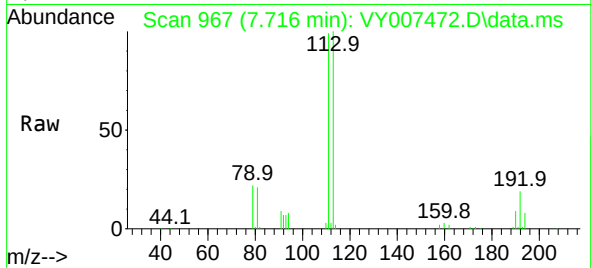




#35
Dibromofluoromethane
Concen: 48.671 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007472.D
Acq: 10 Feb 2022 17:31

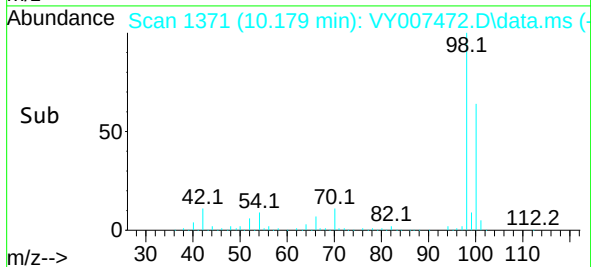
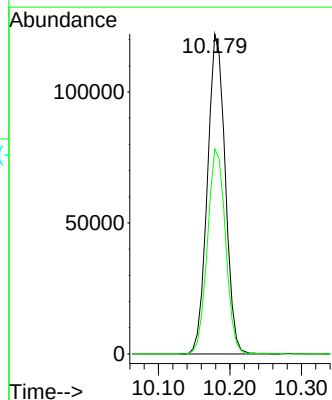
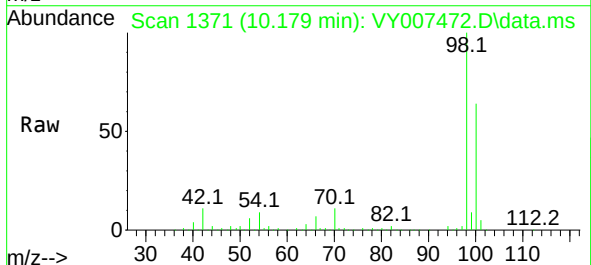
Instrument :
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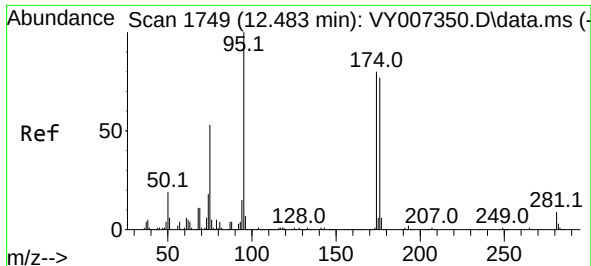
Tgt Ion:113 Resp: 55461
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 19.4 17.6 26.4



#50
Toluene-d8
Concen: 50.094 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007472.D
Acq: 10 Feb 2022 17:31

Tgt Ion: 98 Resp: 210894
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

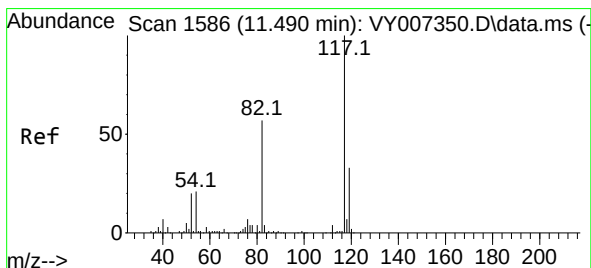
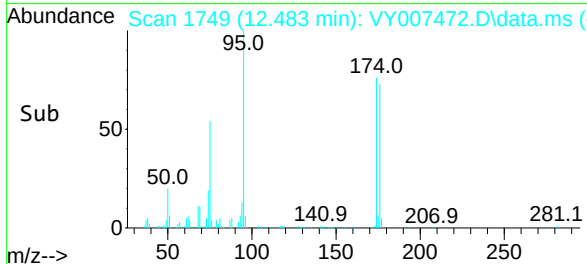
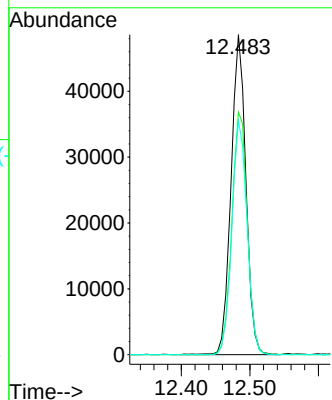
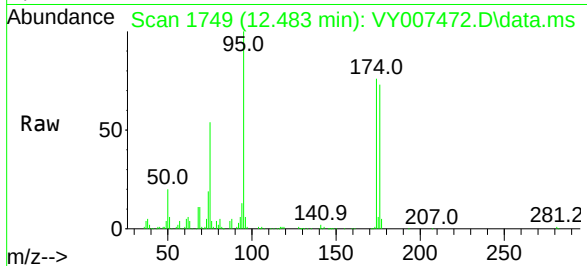




#62
4-Bromofluorobenzene
Concen: 51.134 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007472.D
Acq: 10 Feb 2022 17:31

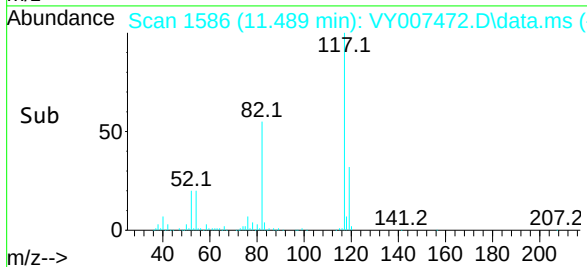
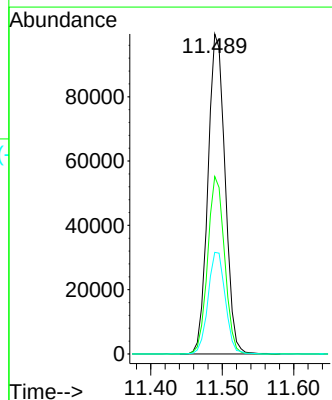
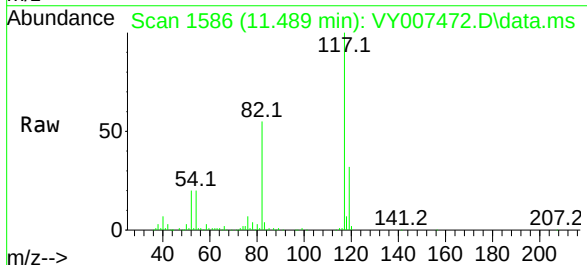
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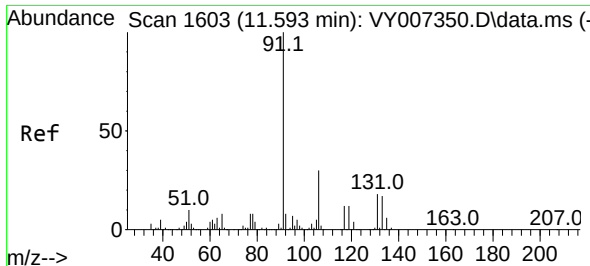
Tgt Ion: 95 Resp: 73168
Ion Ratio Lower Upper
95 100
174 79.1 0.0 177.0
176 74.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007472.D
Acq: 10 Feb 2022 17:31

Tgt Ion: 117 Resp: 165285
Ion Ratio Lower Upper
117 100
82 55.4 43.0 64.4
119 31.8 25.4 38.0

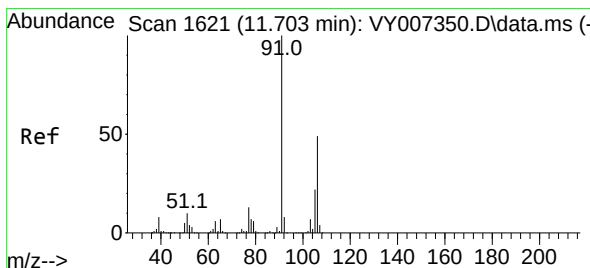
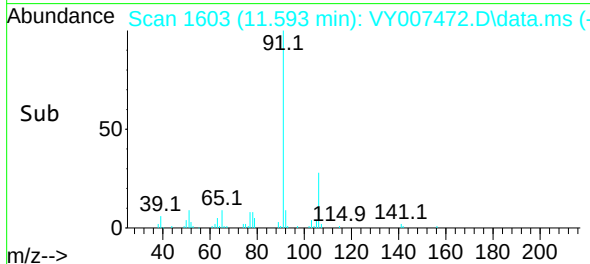
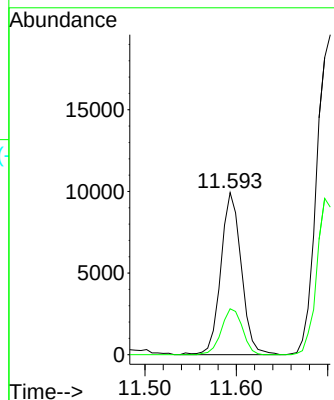
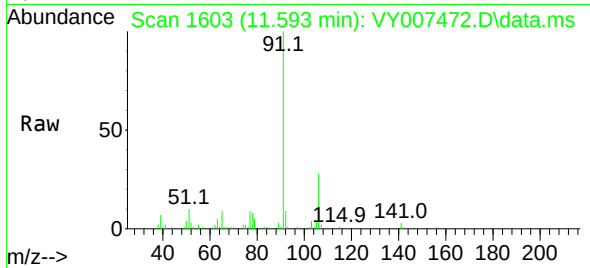




#67
Ethyl Benzene
Concen: 2.221 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007472.D
Acq: 10 Feb 2022 17:31

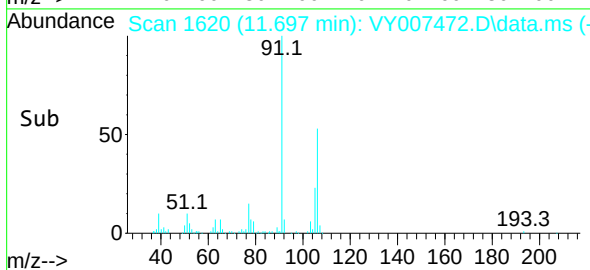
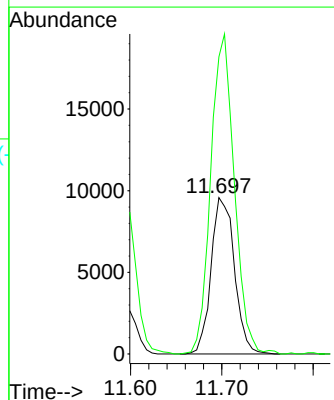
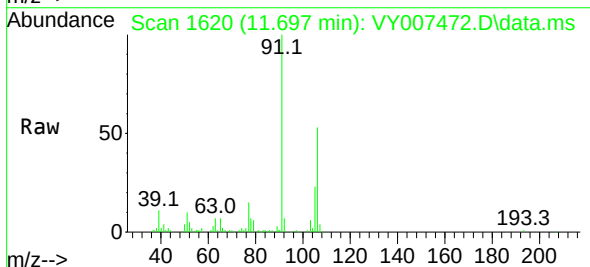
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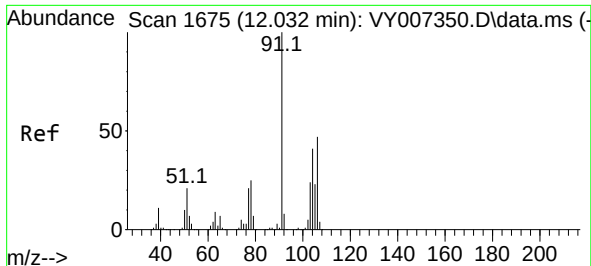
Tgt Ion: 91 Resp: 15496
Ion Ratio Lower Upper
91 100
106 28.3 24.5 36.7



#68
m/p-Xylenes
Concen: 6.571 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY007472.D
Acq: 10 Feb 2022 17:31

Tgt Ion: 106 Resp: 16982
Ion Ratio Lower Upper
106 100
91 206.8 166.6 249.8

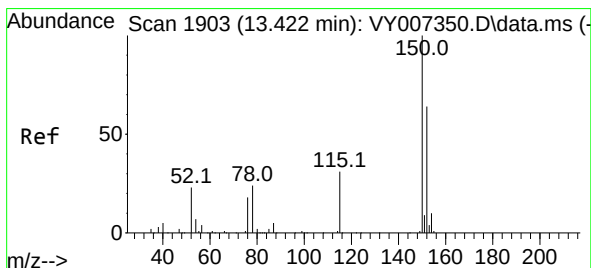
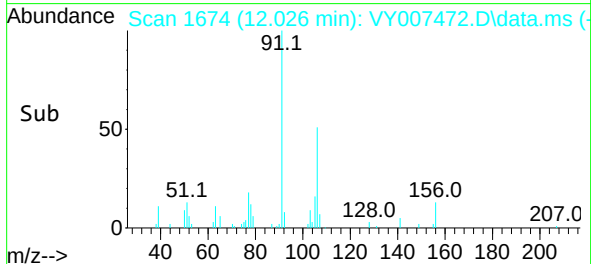
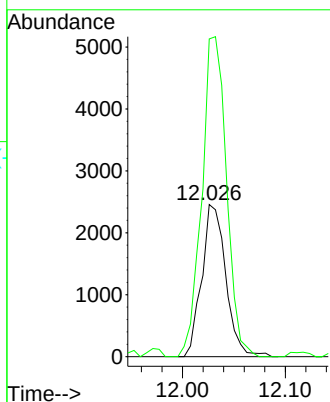
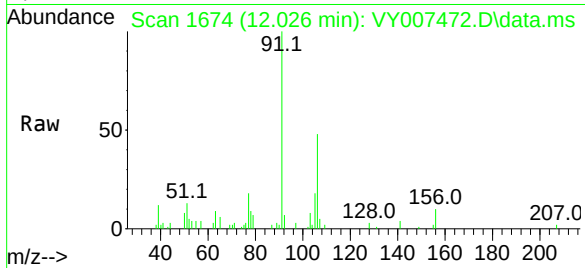




#69
o-Xylene
Concen: 1.636 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007472.D
Acq: 10 Feb 2022 17:31

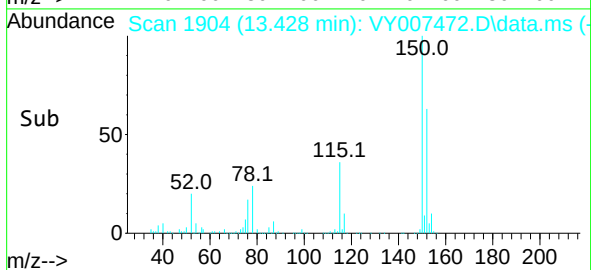
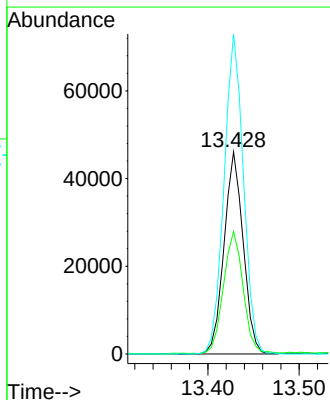
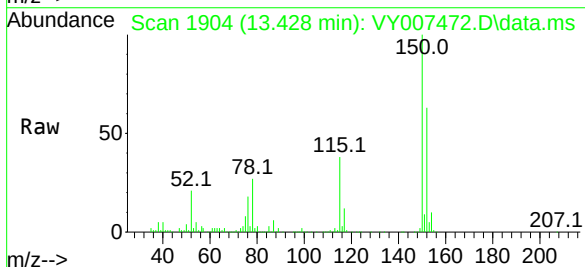
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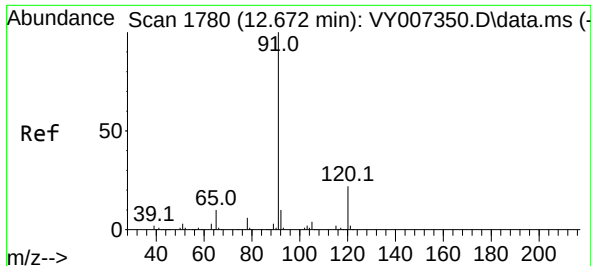
Tgt Ion:106 Resp: 3996
Ion Ratio Lower Upper
106 100
91 215.6 110.3 331.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007472.D
Acq: 10 Feb 2022 17:31

Tgt Ion:152 Resp: 67175
Ion Ratio Lower Upper
152 100
115 61.8 28.2 84.7
150 160.4 0.0 347.6

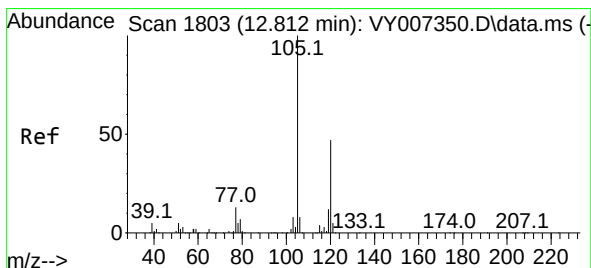
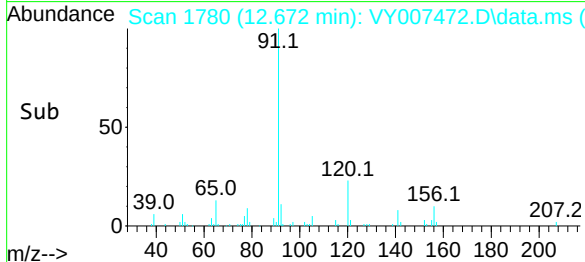
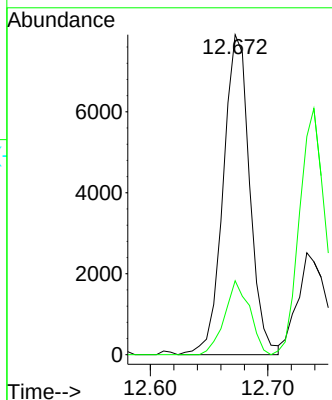
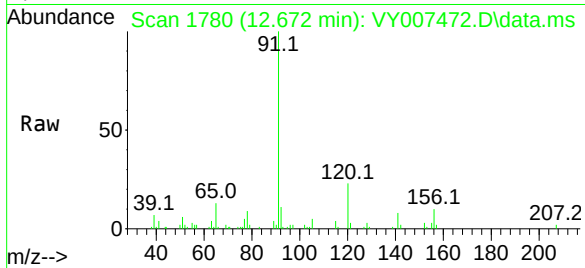




#78
n-propylbenzene
Concen: 1.671 ug/l
RT: 12.672 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007472.D
Acq: 10 Feb 2022 17:31

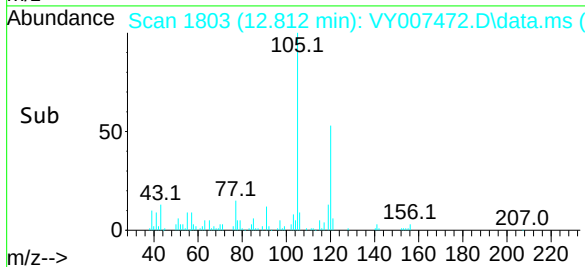
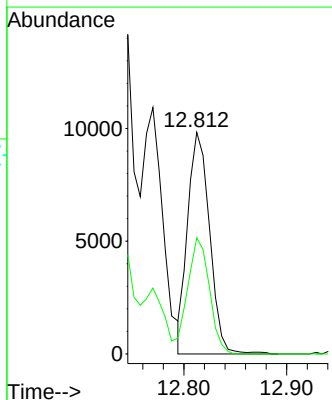
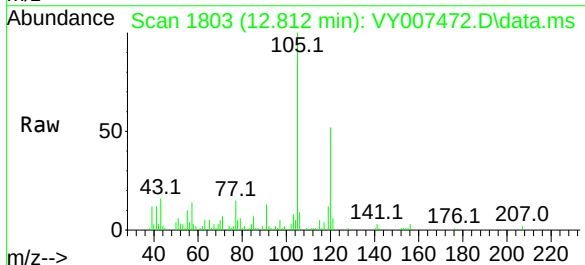
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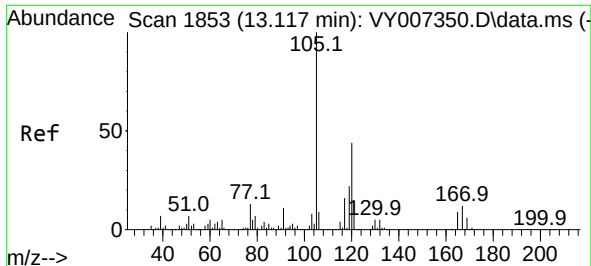
Tgt Ion: 91 Resp: 12426
Ion Ratio Lower Upper
91 100
120 21.8 11.3 33.9



#80
1,3,5-Trimethylbenzene
Concen: 2.908 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY007472.D
Acq: 10 Feb 2022 17:31

Tgt Ion: 105 Resp: 14562
Ion Ratio Lower Upper
105 100
120 52.5 24.4 73.4

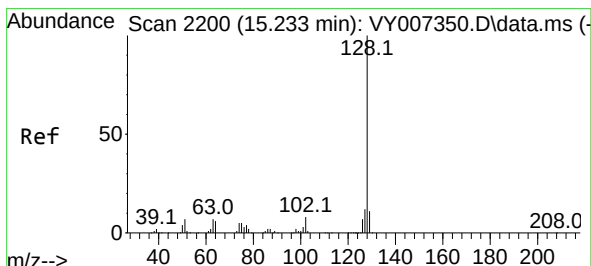
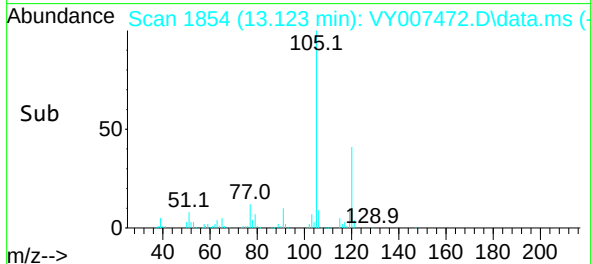
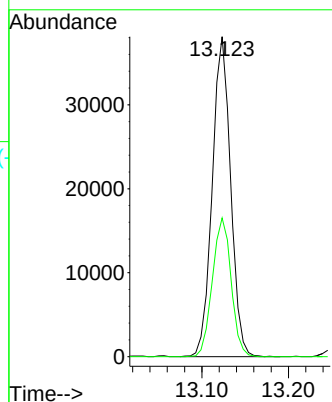
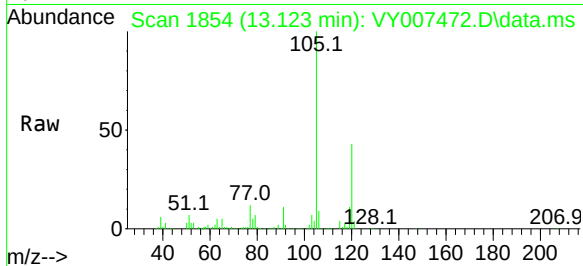




#84
1,2,4-Trimethylbenzene
Concen: 11.384 ug/l
RT: 13.123 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007472.D
Acq: 10 Feb 2022 17:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 56136
Ion Ratio Lower Upper
105 100
120 44.2 22.3 66.9



#95
Naphthalene
Concen: 10.825 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY007472.D
Acq: 10 Feb 2022 17:31

Tgt Ion:128 Resp: 29401
Ion Ratio Lower Upper
128 100
127 15.4 11.0 16.4
129 13.2 8.4 12.6#

