

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
 Data File : VY006550.D
 Acq On : 01 Nov 2021 14:10
 Operator : SY/MD
 Sample : M4341-01
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE

Quant Time: Nov 01 14:57:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

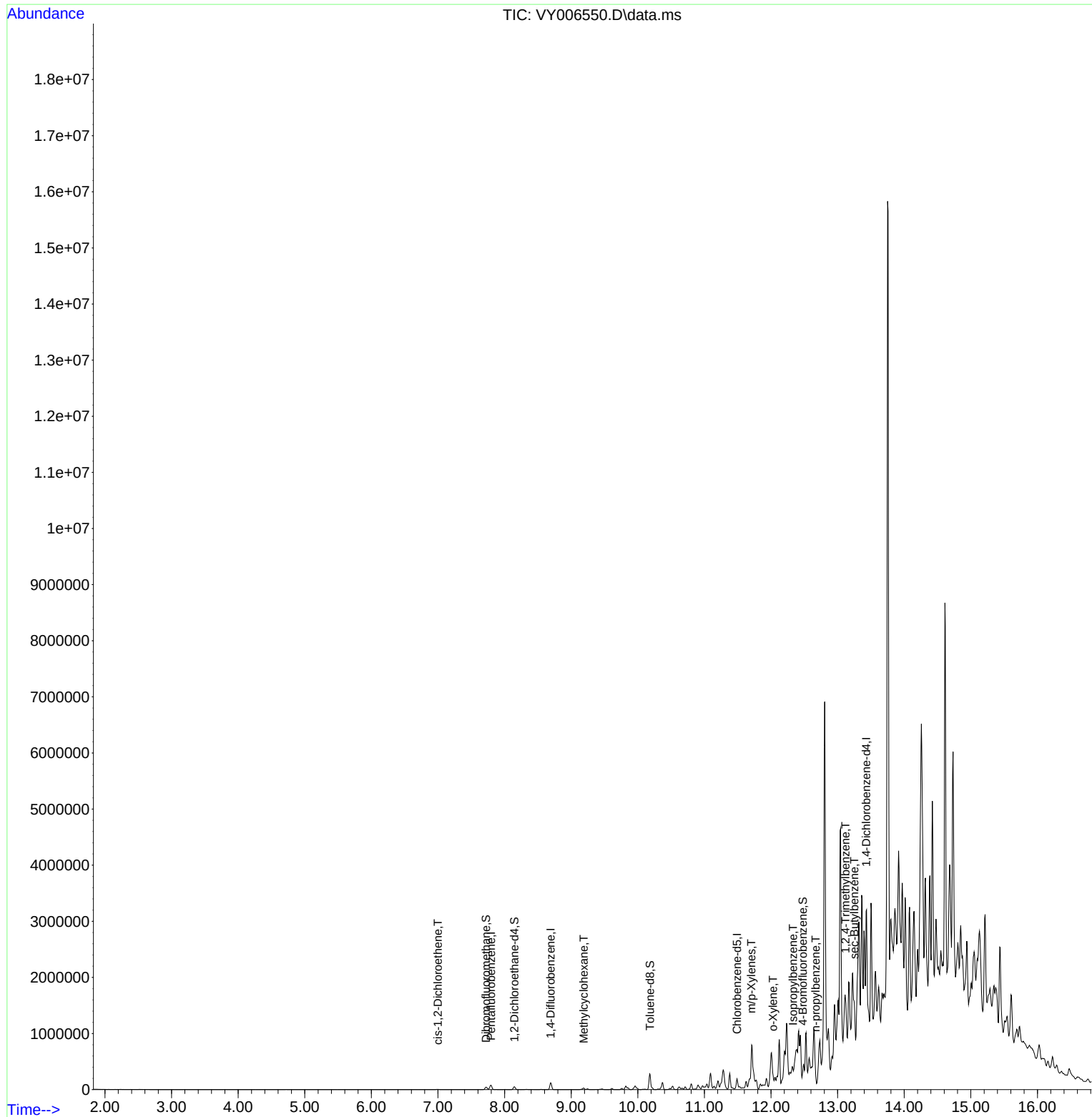
Internal Standards						
1) Pentafluorobenzene	7.795	168	59133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	95915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	84426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	43238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	40648	55.860	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.720%	
35) Dibromofluoromethane	7.722	113	29992	56.102	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.200%	
50) Toluene-d8	10.185	98	129557	57.168	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.340%	
62) 4-Bromofluorobenzene	12.477	95	48745	63.852	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 127.700%	
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	6.996	96	3131	4.530	ug/l	94
39) Methylcyclohexane	9.191	83	9059	7.852	ug/l	94
68) m/p-Xylenes	11.703	106	8062	6.850	ug/l	85
69) o-Xylene	12.032	106	8278	7.371	ug/l	81
73) Isopropylbenzene	12.331	105	8099	2.678	ug/l	99
78) n-propylbenzene	12.672	91	27146	7.262	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	299982	118.464	ug/l	99
85) sec-Butylbenzene	13.251	105	48749	14.918	ug/l	89

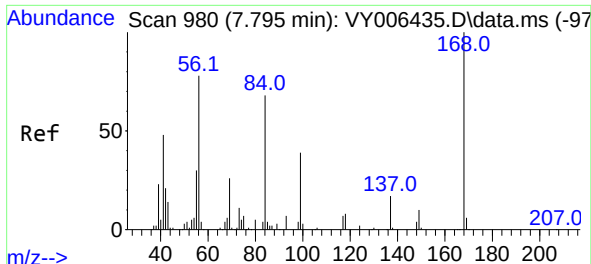
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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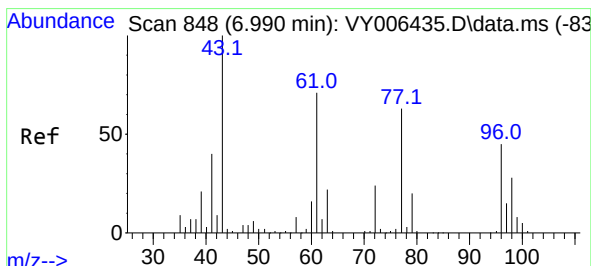
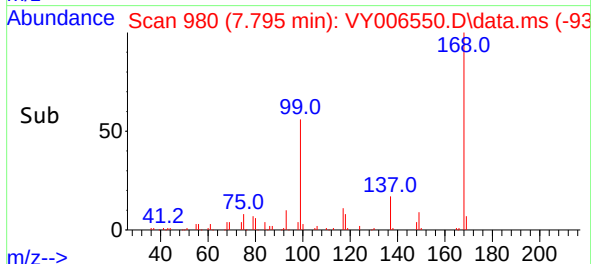
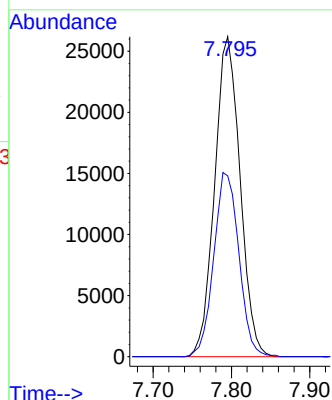
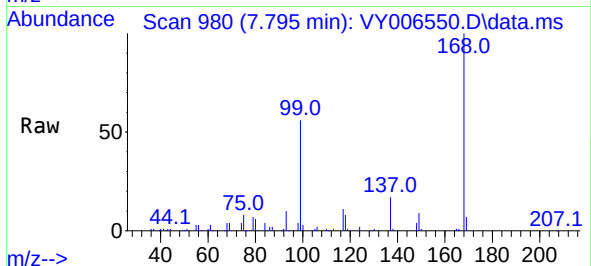




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006550.D
Acq: 01 Nov 2021 14:10

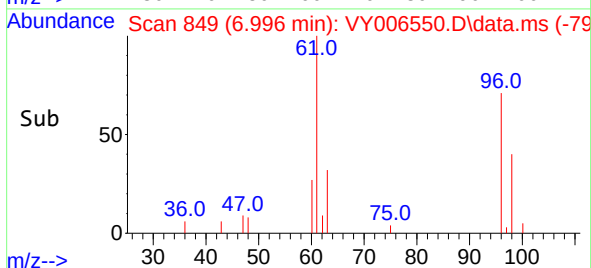
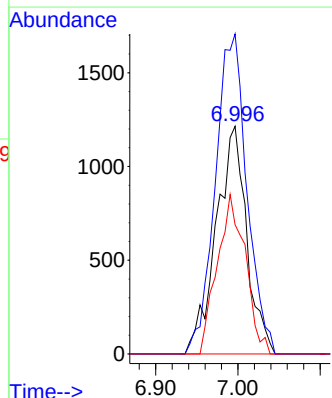
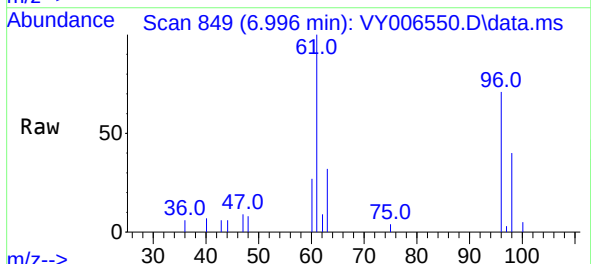
Instrument :
MSVOA_Y
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WASTE

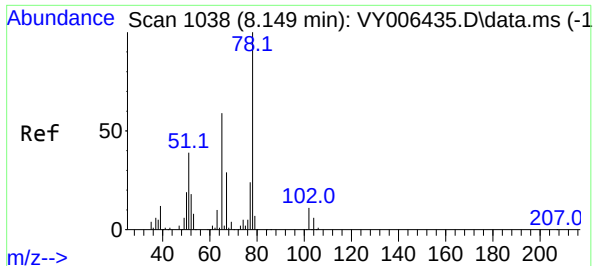
Tgt Ion:168 Resp: 59133
Ion Ratio Lower Upper
168 100
99 56.5 44.8 67.2



#27
cis-1,2-Dichloroethene
Concen: 4.530 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY006550.D
Acq: 01 Nov 2021 14:10

Tgt Ion: 96 Resp: 3131
Ion Ratio Lower Upper
96 100
61 145.9 0.0 314.0
98 64.4 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 55.860 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006550.D

Acq: 01 Nov 2021 14:10

Instrument :

MSVOA_Y

ClientSampleId :

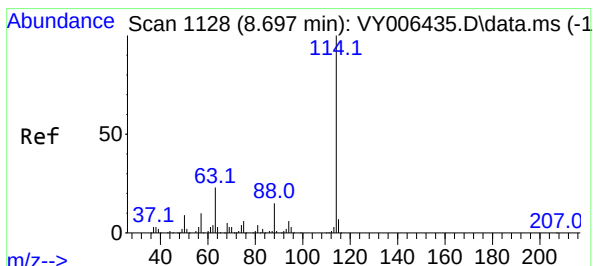
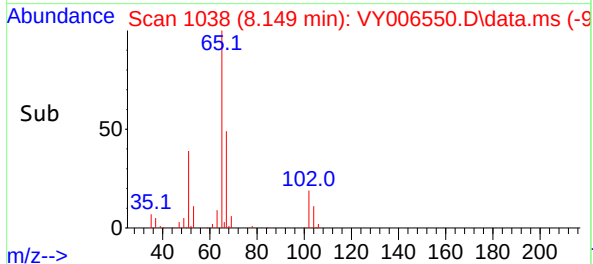
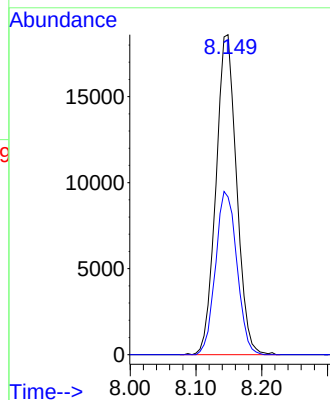
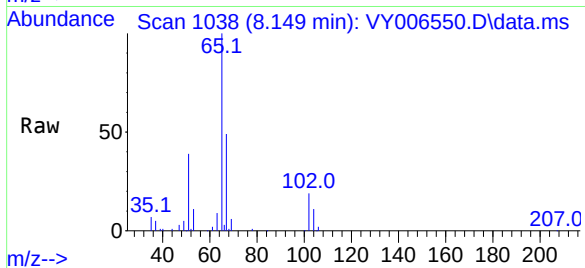
WASTE

Tgt Ion: 65 Resp: 40648

Ion Ratio Lower Upper

65 100

67 52.7 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY006550.D

Acq: 01 Nov 2021 14:10

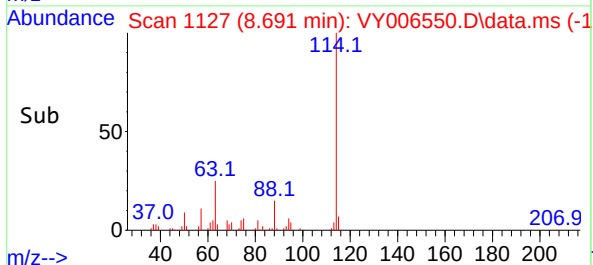
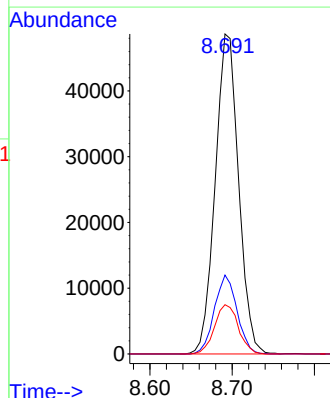
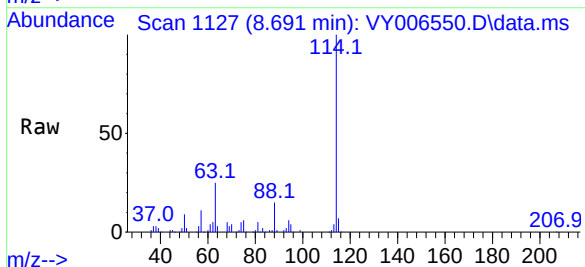
Tgt Ion: 114 Resp: 95915

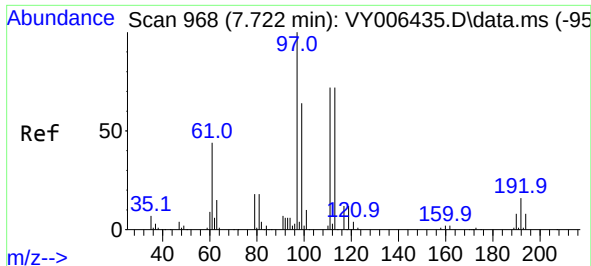
Ion Ratio Lower Upper

114 100

63 24.6 0.0 45.0

88 15.4 0.0 30.6

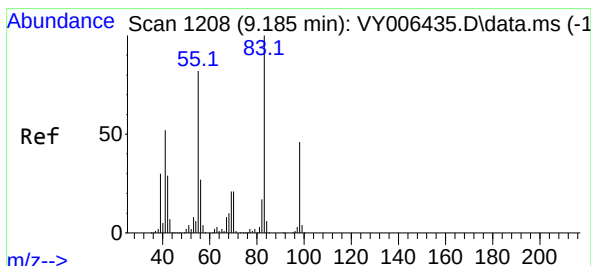
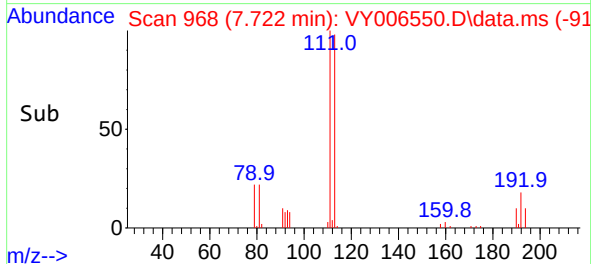
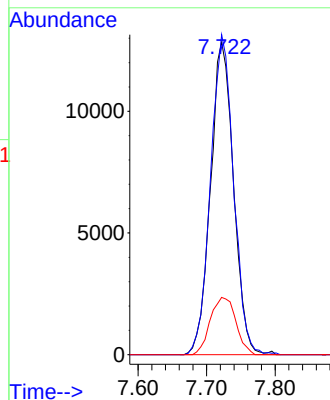
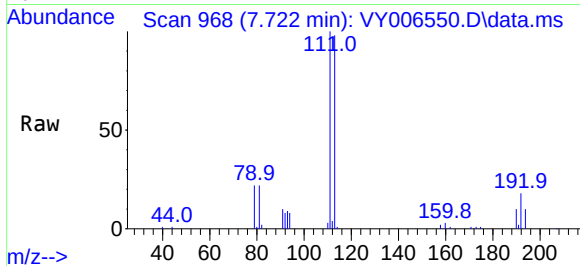




#35
Dibromofluoromethane
Concen: 56.102 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006550.D
Acq: 01 Nov 2021 14:10

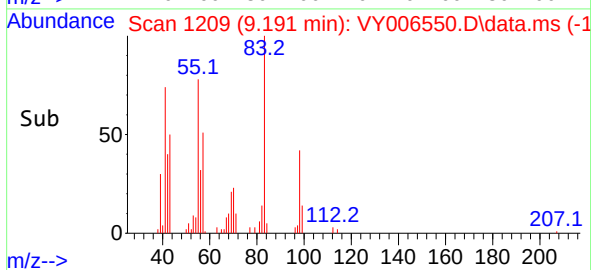
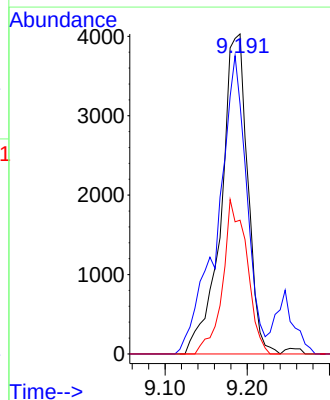
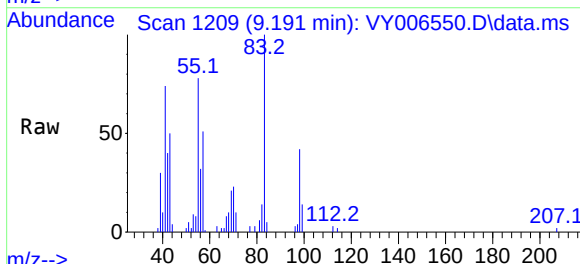
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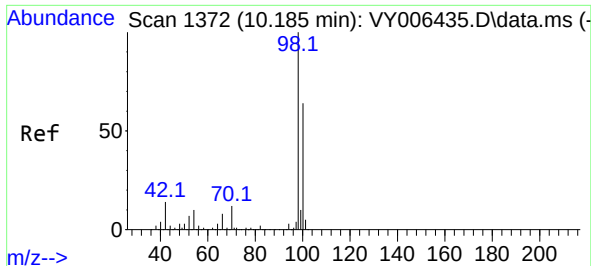
Tgt Ion:113 Resp: 29992
Ion Ratio Lower Upper
113 100
111 102.2 82.3 123.5
192 20.3 17.4 26.2



#39
Methylcyclohexane
Concen: 7.852 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY006550.D
Acq: 01 Nov 2021 14:10

Tgt Ion: 83 Resp: 9059
Ion Ratio Lower Upper
83 100
55 76.7 65.3 97.9
98 41.8 37.0 55.4

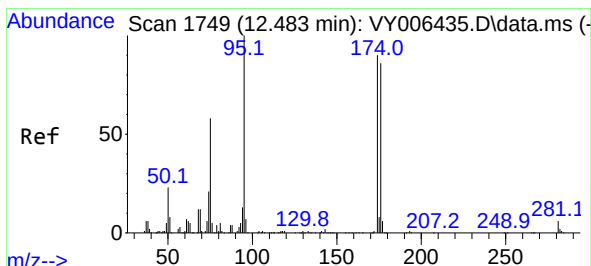
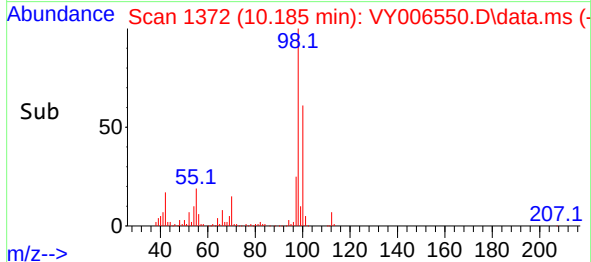
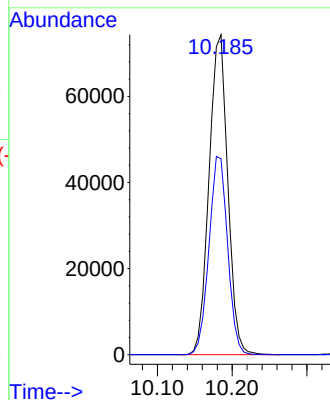
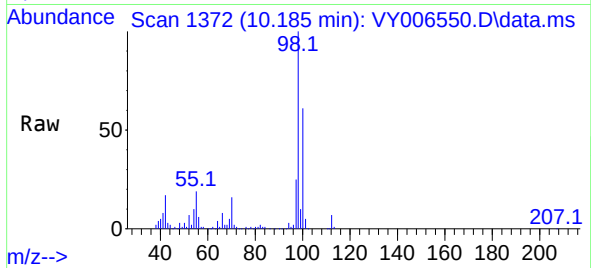




#50
Toluene-d8
Concen: 57.168 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006550.D
Acq: 01 Nov 2021 14:10

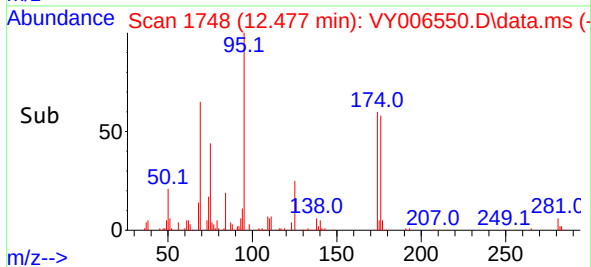
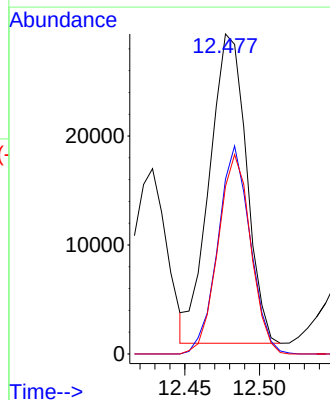
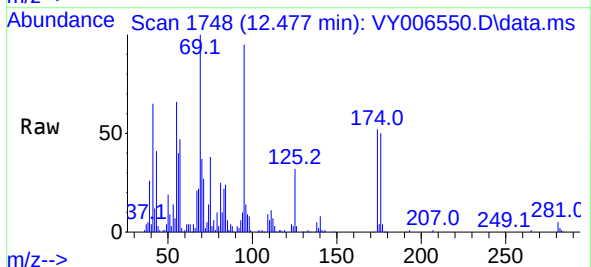
Instrument :
MSVOA_Y
ClientSampleId :
WASTE

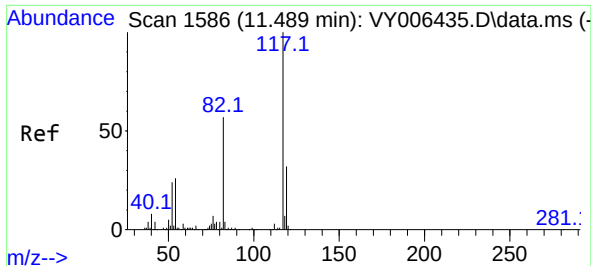
Tgt Ion: 98 Resp: 129557
Ion Ratio Lower Upper
98 100
100 61.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 63.852 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY006550.D
Acq: 01 Nov 2021 14:10

Tgt Ion: 95 Resp: 48745
Ion Ratio Lower Upper
95 100
174 59.1 0.0 177.0
176 57.1 0.0 169.4

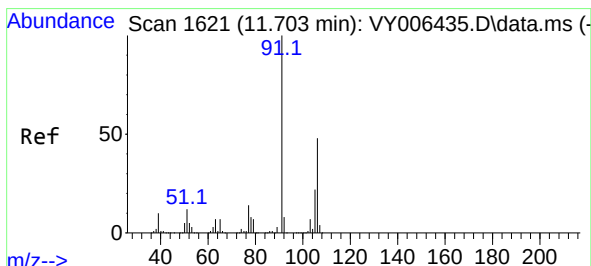
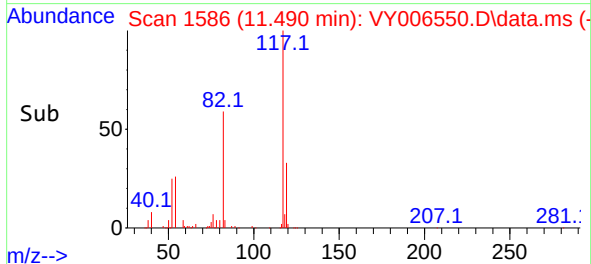
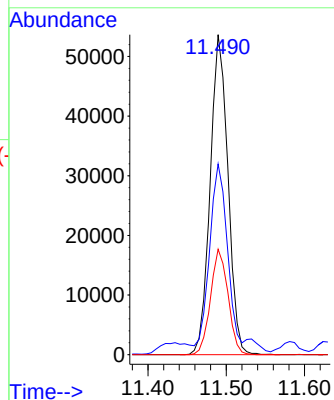
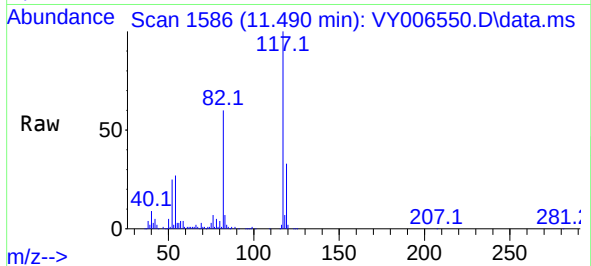




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY006550.D
Acq: 01 Nov 2021 14:10

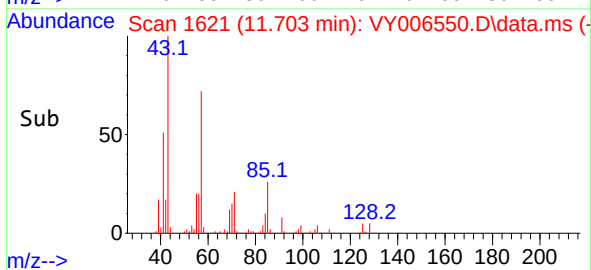
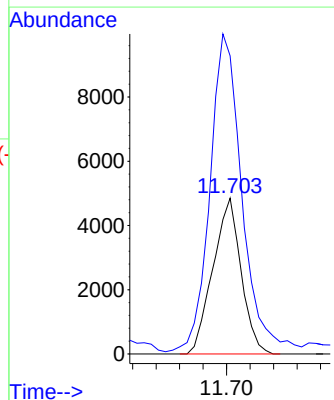
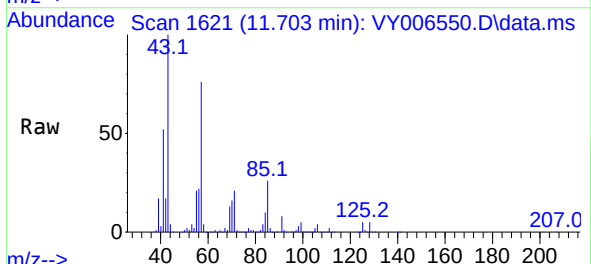
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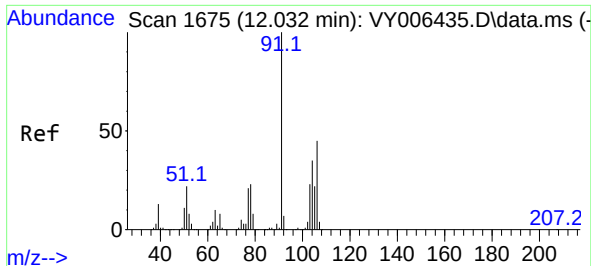
Tgt Ion:117 Resp: 84426
Ion Ratio Lower Upper
117 100
82 57.4 45.7 68.5
119 33.0 25.5 38.3



#68
m/p-Xylenes
Concen: 6.850 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006550.D
Acq: 01 Nov 2021 14:10

Tgt Ion:106 Resp: 8062
Ion Ratio Lower Upper
106 100
91 232.3 167.5 251.3

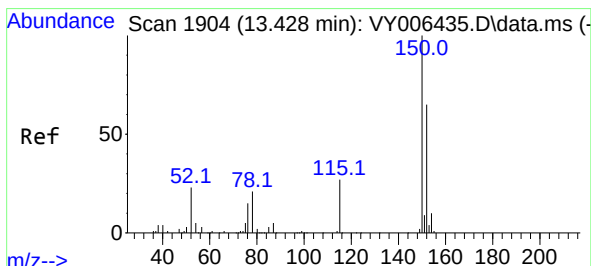
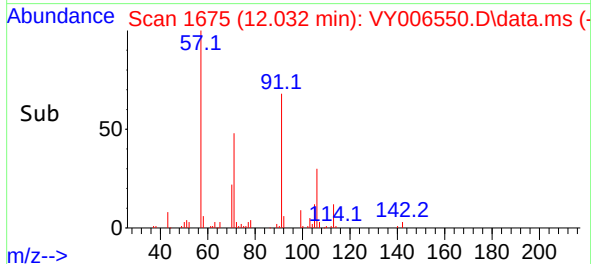
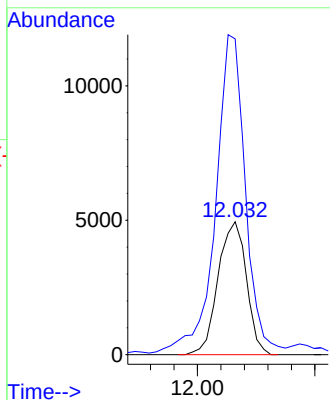
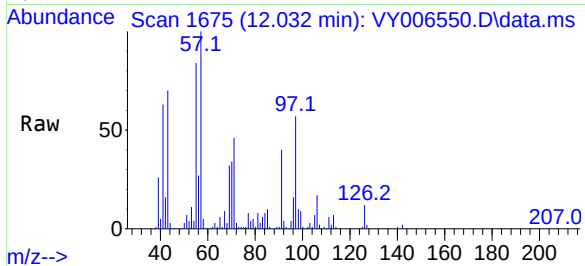




#69
o-Xylene
Concen: 7.371 ug/l
RT: 12.032 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY006550.D
Acq: 01 Nov 2021 14:10

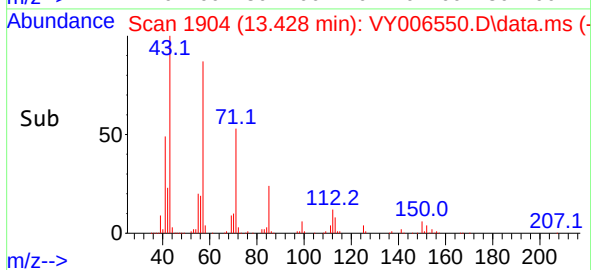
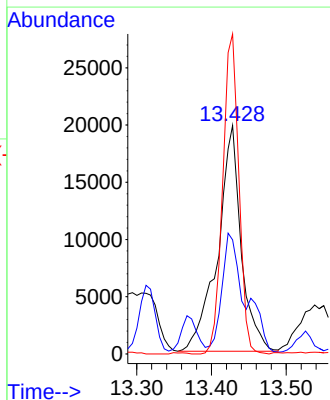
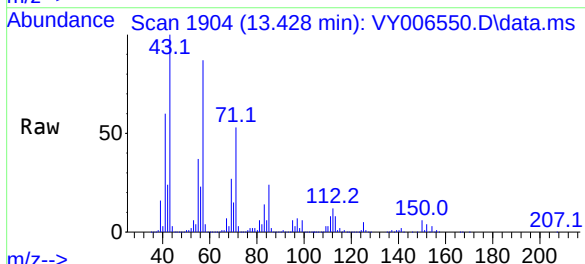
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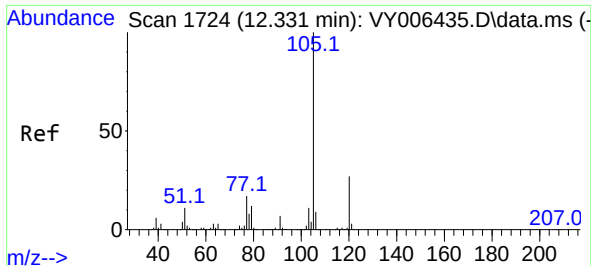
Tgt Ion:106 Resp: 8278
Ion Ratio Lower Upper
106 100
91 250.8 110.3 330.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006550.D
Acq: 01 Nov 2021 14:10

Tgt Ion:152 Resp: 43238
Ion Ratio Lower Upper
152 100
115 37.2 28.5 85.5
150 97.0 0.0 348.2

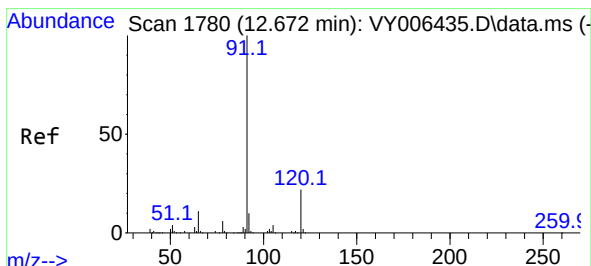
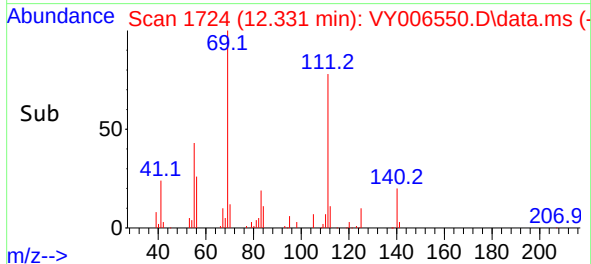
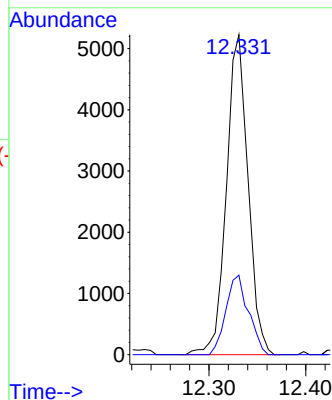
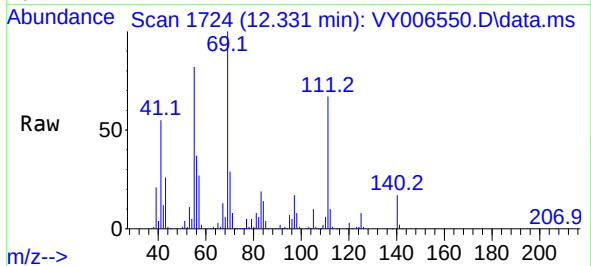




#73
Isopropylbenzene
Concen: 2.678 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006550.D
Acq: 01 Nov 2021 14:10

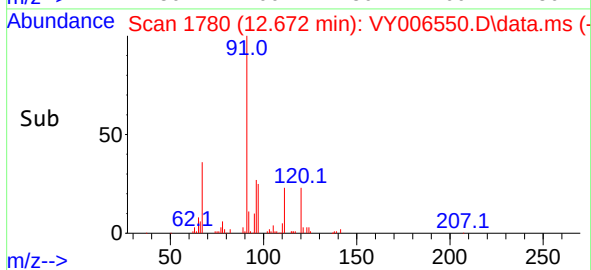
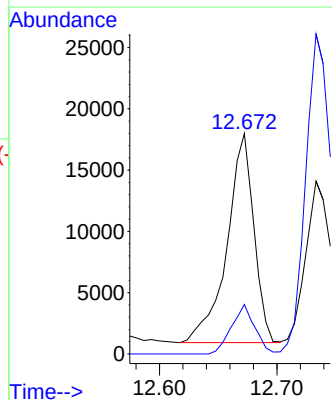
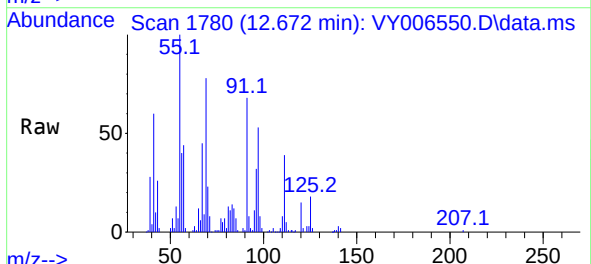
Instrument :
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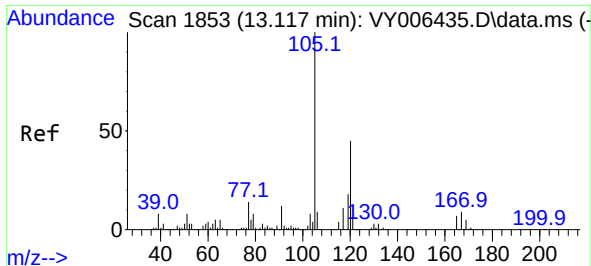
Tgt Ion:105 Resp: 8099
Ion Ratio Lower Upper
105 100
120 25.9 13.3 39.9



#78
n-propylbenzene
Concen: 7.262 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY006550.D
Acq: 01 Nov 2021 14:10

Tgt Ion: 91 Resp: 27146
Ion Ratio Lower Upper
91 100
120 20.5 11.3 33.8

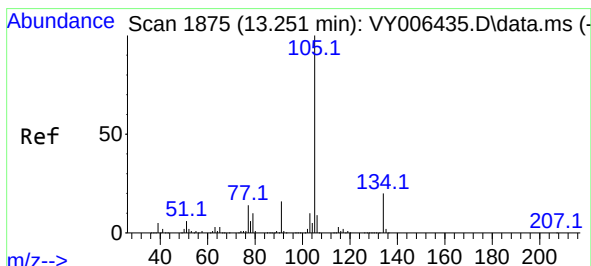
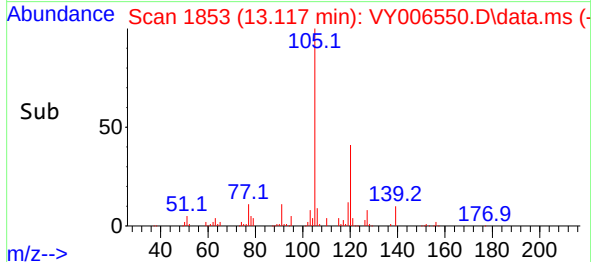
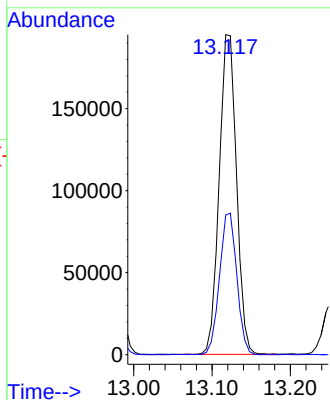
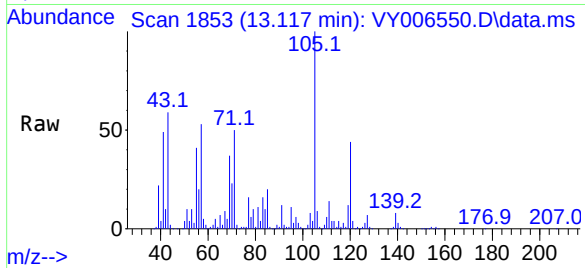




#84
1,2,4-Trimethylbenzene
Concen: 118.464 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY006550.D
Acq: 01 Nov 2021 14:10

Instrument :
MSVOA_Y
ClientSampleId :
WASTE

Tgt Ion:105 Resp: 299982
Ion Ratio Lower Upper
105 100
120 44.3 22.6 67.8



#85
sec-Butylbenzene
Concen: 14.918 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY006550.D
Acq: 01 Nov 2021 14:10

Tgt Ion:105 Resp: 48749
Ion Ratio Lower Upper
105 100
134 25.4 10.1 30.3

