

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
 Data File : VN070624.D
 Acq On : 14 Jan 2022 15:38
 Operator : JC/MD
 Sample : N1141-04 10X
 Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41861

Quant Time: Jan 17 05:39:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

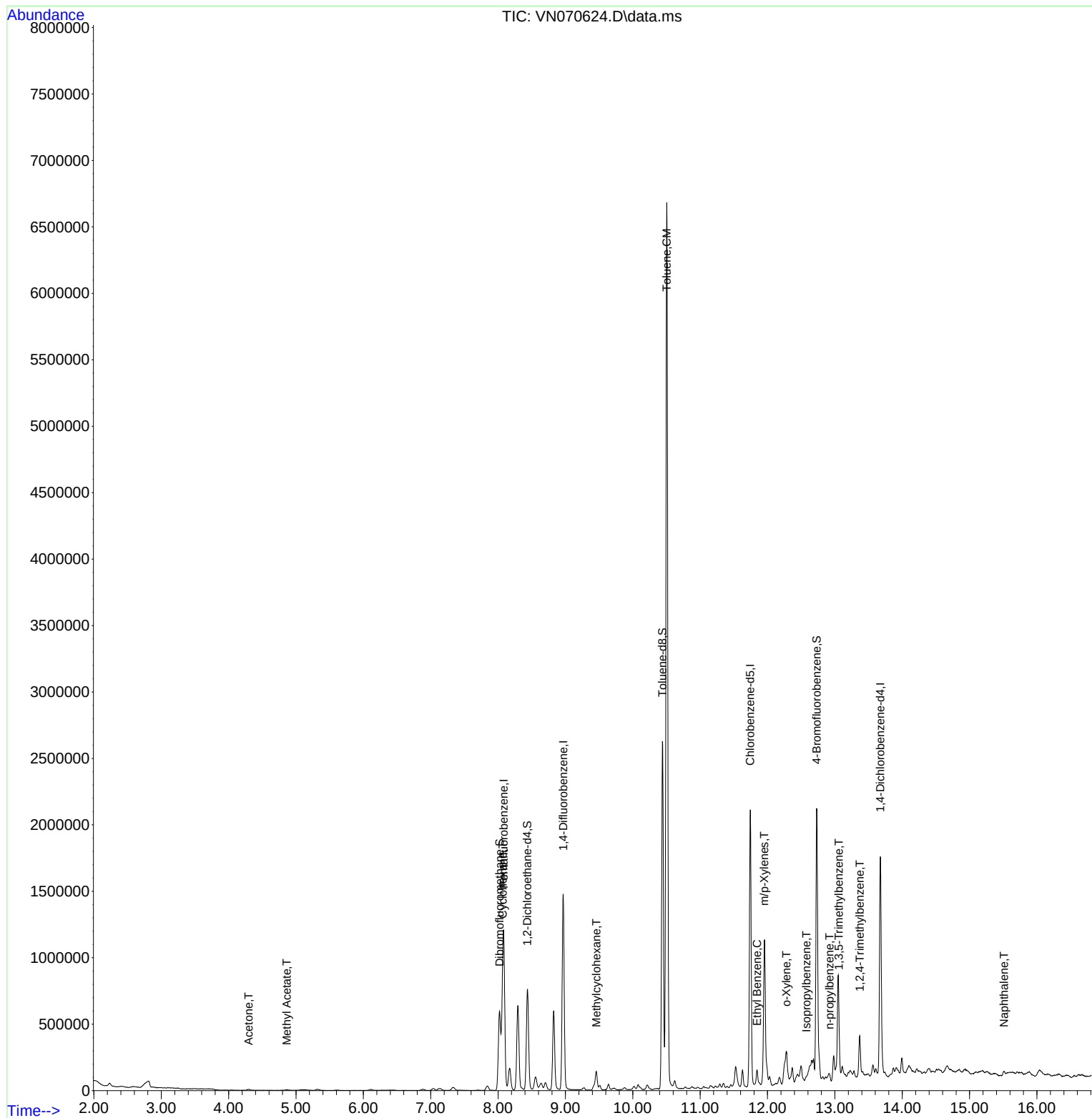
Internal Standards						
1) Pentafluorobenzene	8.083	168	752236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1275355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1194819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	452712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	633758	58.596	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 117.200%	
35) Dibromofluoromethane	8.021	113	438313	56.802	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 113.600%	
50) Toluene-d8	10.440	98	1790873	56.812	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 113.620%	
62) 4-Bromofluorobenzene	12.731	95	745028	65.437	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 130.880%	
Target Compounds						
					Qvalue	
16) Acetone	4.296	43	12602	1.795	ug/l	92
18) Methyl Acetate	4.865	43	9363	0.461	ug/l #	65
31) Cyclohexane	8.067	56	109969	6.443	ug/l #	56
39) Methylcyclohexane	9.459	83	51026	3.302	ug/l #	82
52) Toluene	10.505	92	2913177	122.980	ug/l	96
67) Ethyl Benzene	11.843	91	83420	1.796	ug/l	97
68) m/p-Xylenes	11.950	106	143055	8.461	ug/l	93
69) o-Xylene	12.280	106	54018	3.212	ug/l	90
73) Isopropylbenzene	12.575	105	12845	0.306	ug/l	91
78) n-propylbenzene	12.921	91	43529	0.934	ug/l	96
80) 1,3,5-Trimethylbenzene	13.061	105	92399	2.743	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	186854	5.760	ug/l	97
95) Naphthalene	15.509	128	27904	3.101	ug/l #	91

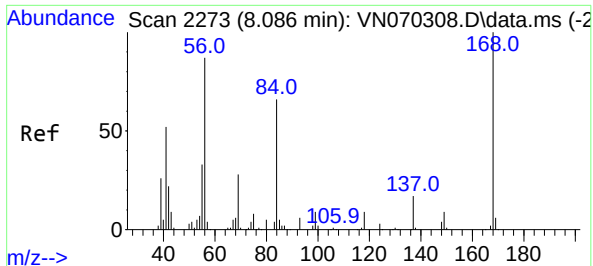
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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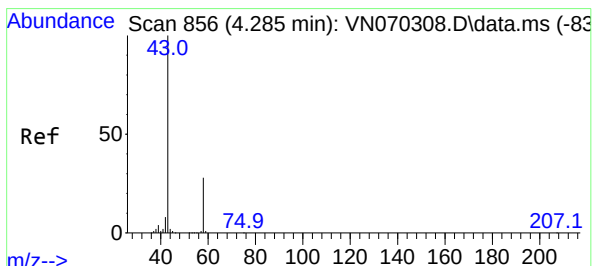
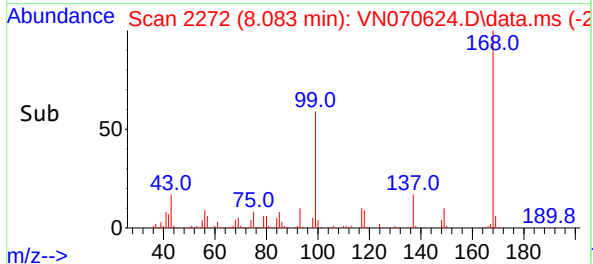
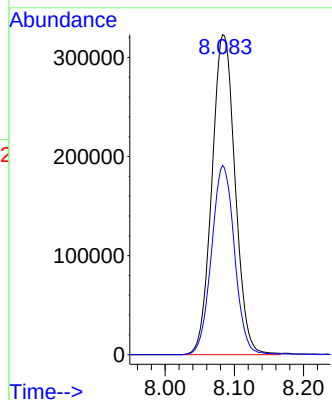
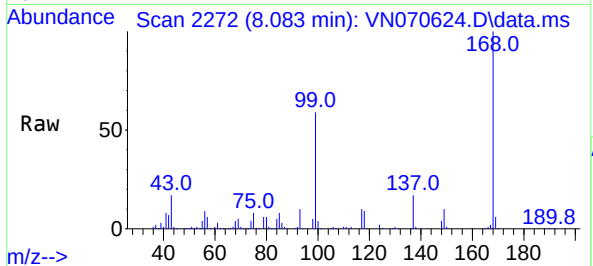




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070624.D
Acq: 14 Jan 2022 15:38

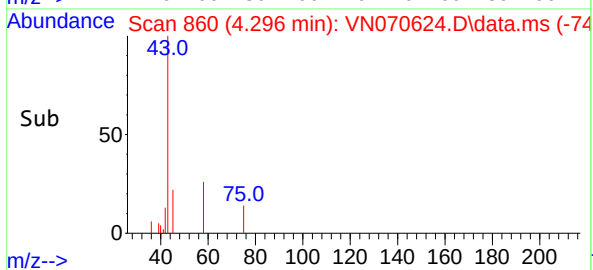
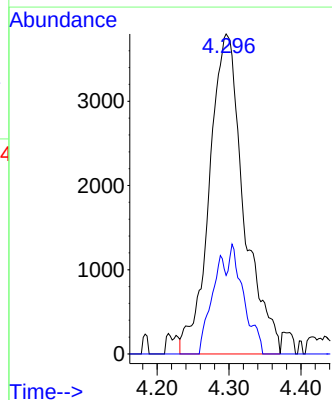
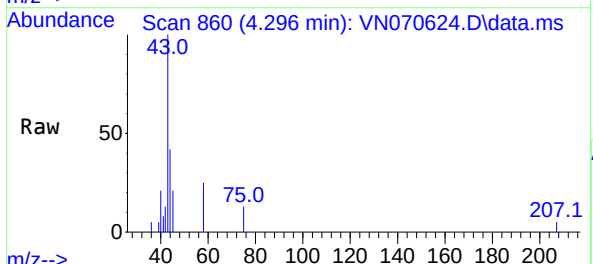
Instrument :
MSVOA_N
ClientSampleId :
41861

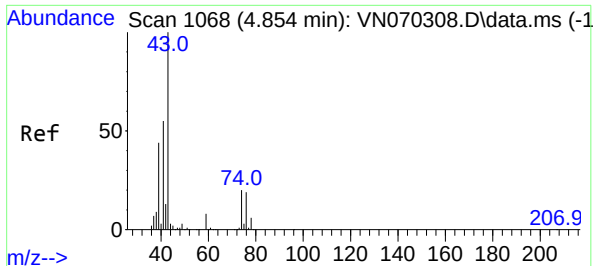
Tgt Ion:168 Resp: 752236
Ion Ratio Lower Upper
168 100
99 59.2 41.3 61.9



#16
Acetone
Concen: 1.795 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN070624.D
Acq: 14 Jan 2022 15:38

Tgt Ion: 43 Resp: 12602
Ion Ratio Lower Upper
43 100
58 24.5 23.1 34.7

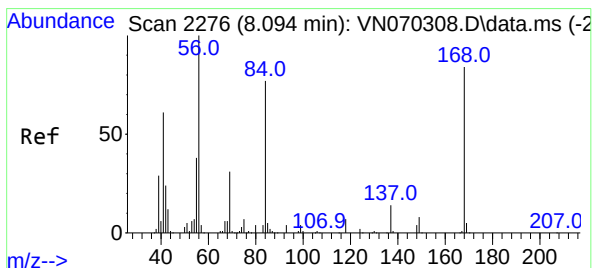
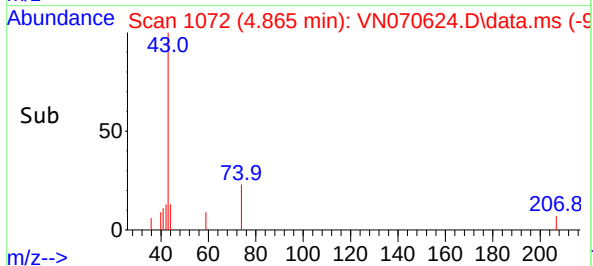
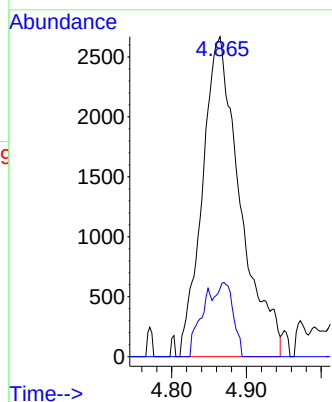
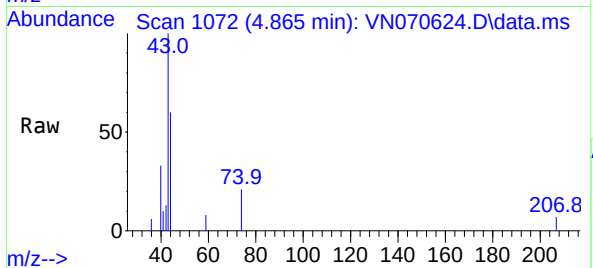




#18
Methyl Acetate
Concen: 0.461 ug/l
RT: 4.865 min Scan# 1068
Delta R.T. 0.011 min
Lab File: VN070624.D
Acq: 14 Jan 2022 15:38

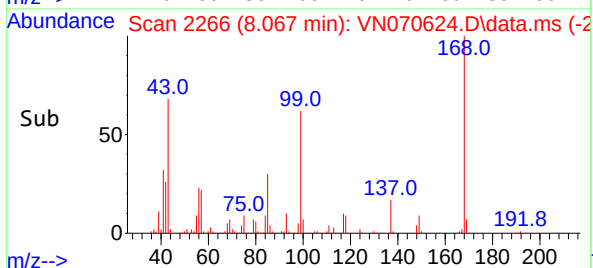
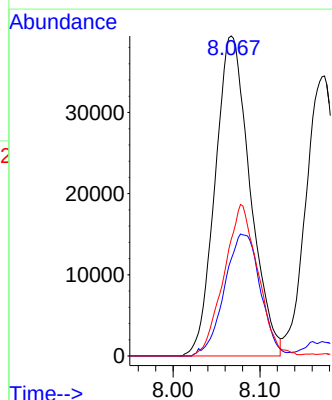
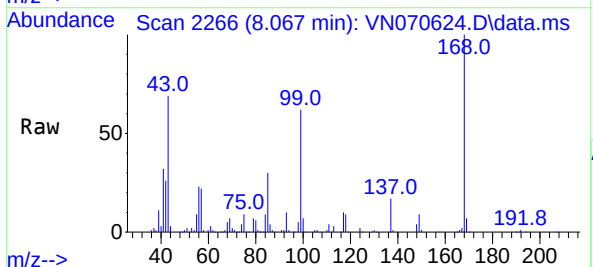
Instrument :
MSVOA_N
ClientSampleId :
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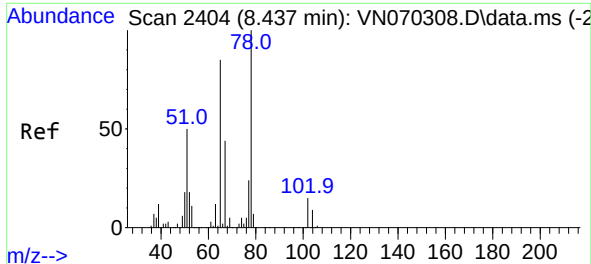
Tgt Ion: 43 Resp: 9363
Ion Ratio Lower Upper
43 100
74 6.9 19.4 29.2#



#31
Cyclohexane
Concen: 6.443 ug/l
RT: 8.067 min Scan# 2266
Delta R.T. -0.027 min
Lab File: VN070624.D
Acq: 14 Jan 2022 15:38

Tgt Ion: 56 Resp: 109969
Ion Ratio Lower Upper
56 100
69 30.3 27.1 40.7
84 36.5 73.4 110.0#

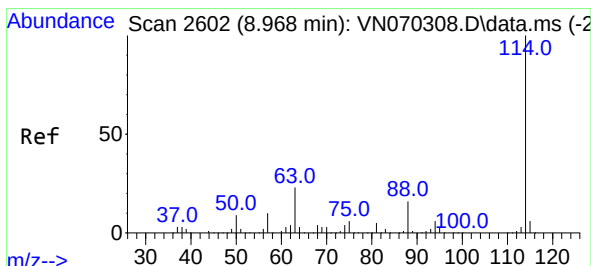
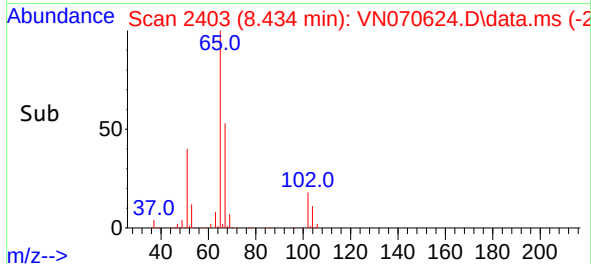
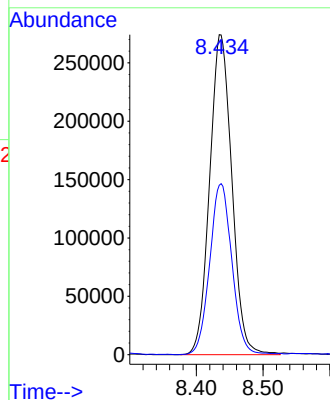
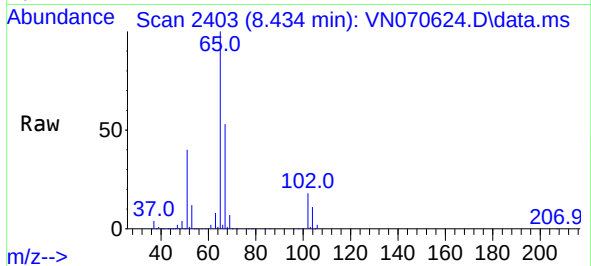




#33
 1,2-Dichloroethane-d4
 Concen: 58.596 ug/l
 RT: 8.434 min Scan# 2404
 Delta R.T. -0.003 min
 Lab File: VN070624.D
 Acq: 14 Jan 2022 15:38

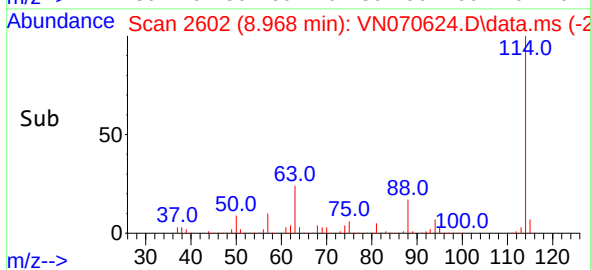
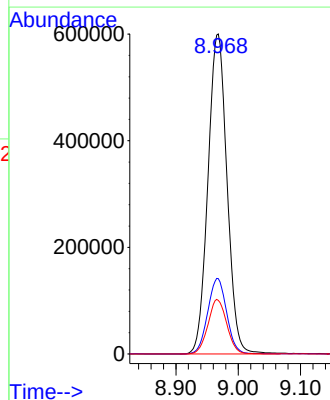
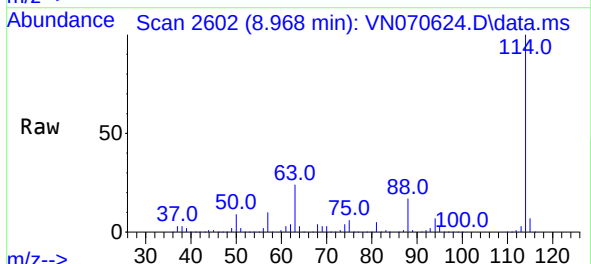
Instrument :
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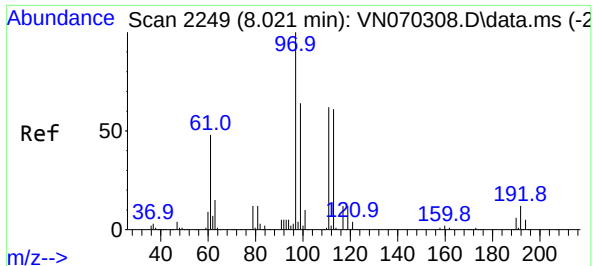
Tgt Ion: 65 Resp: 633758
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN070624.D
 Acq: 14 Jan 2022 15:38

Tgt Ion: 114 Resp: 1275355
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 37.8
 88 16.8 0.0 27.4

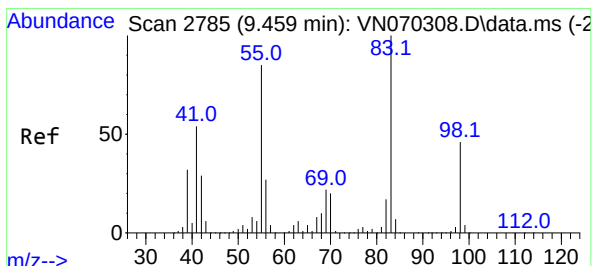
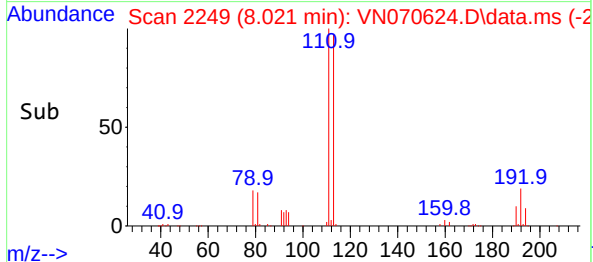
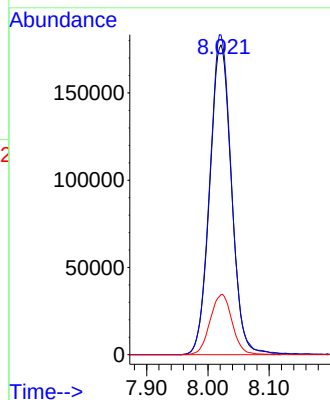
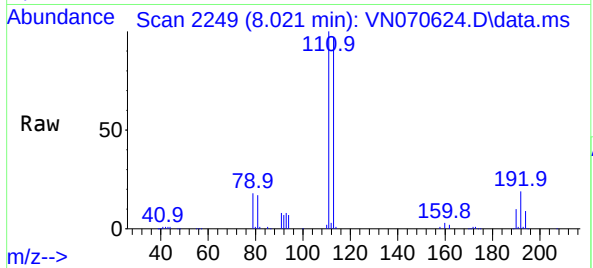




#35
Dibromofluoromethane
Concen: 56.802 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070624.D
Acq: 14 Jan 2022 15:38

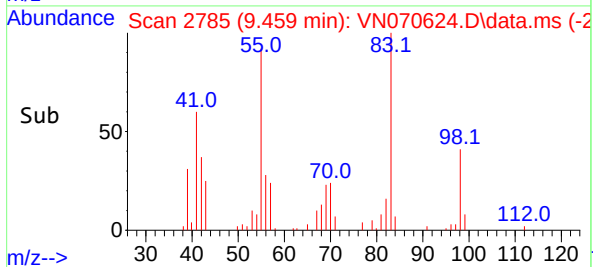
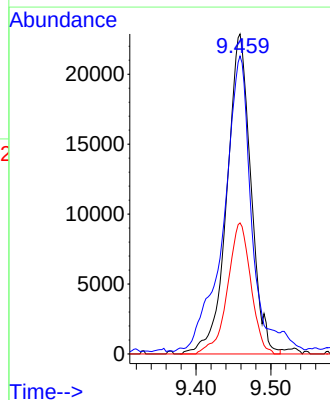
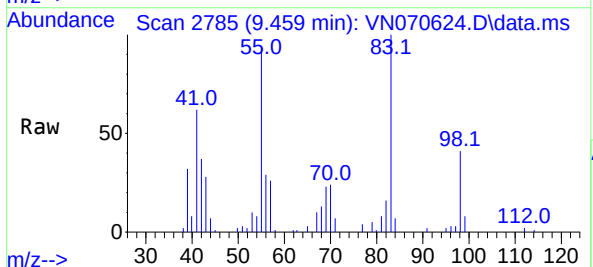
Instrument :
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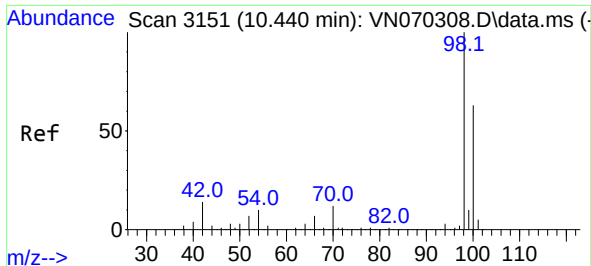
Tgt Ion:113 Resp: 438313
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.7 16.9 25.3



#39
Methylcyclohexane
Concen: 3.302 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VN070624.D
Acq: 14 Jan 2022 15:38

Tgt Ion: 83 Resp: 51026
Ion Ratio Lower Upper
83 100
55 91.3 58.1 87.1#
98 41.0 38.4 57.6

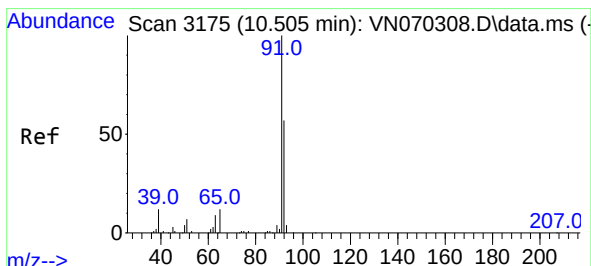
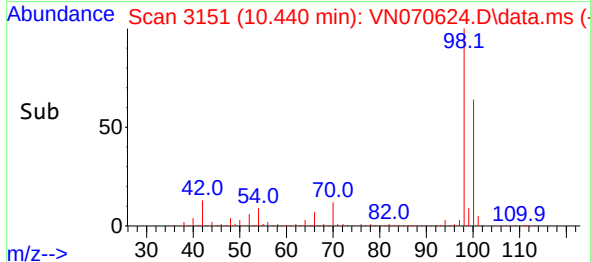
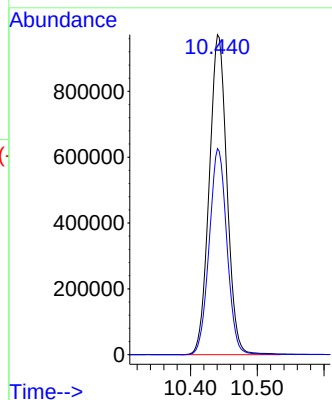
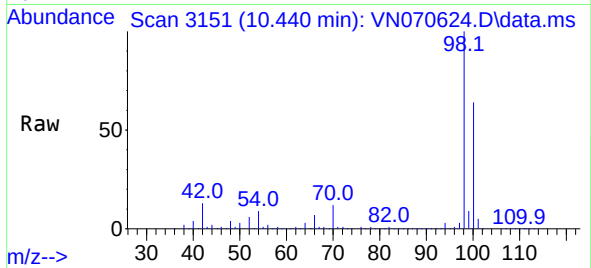




#50
Toluene-d8
Concen: 56.812 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070624.D
Acq: 14 Jan 2022 15:38

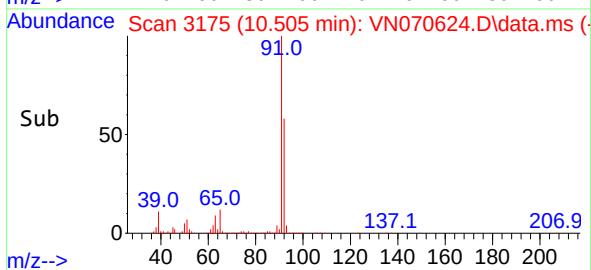
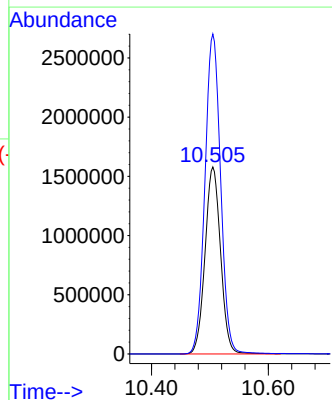
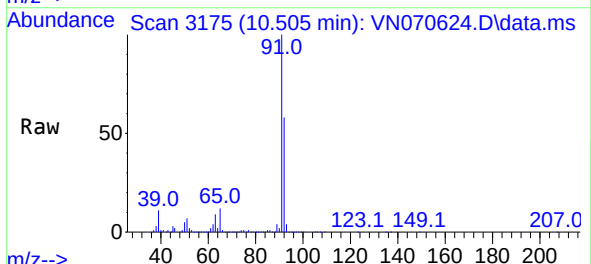
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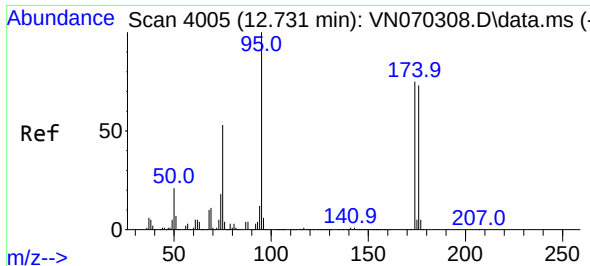
Tgt Ion: 98 Resp: 1790873
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



#52
Toluene
Concen: 122.980 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070624.D
Acq: 14 Jan 2022 15:38

Tgt Ion: 92 Resp: 2913177
Ion Ratio Lower Upper
92 100
91 172.4 142.0 213.0

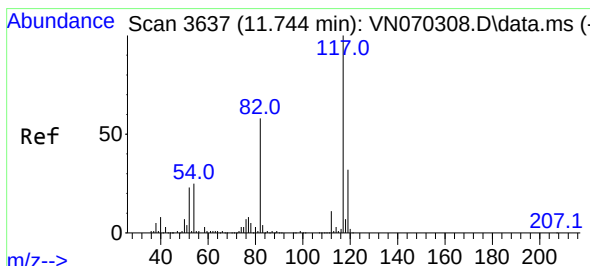
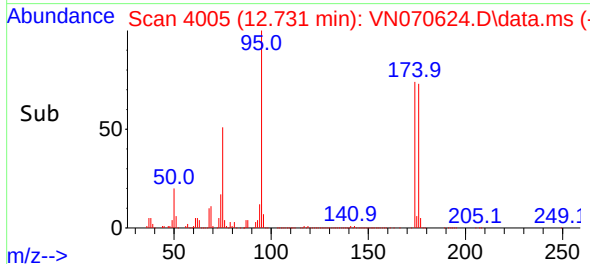
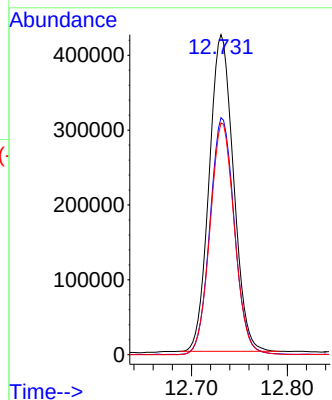
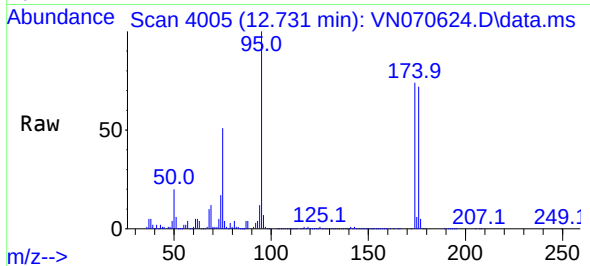




#62
4-Bromofluorobenzene
Concen: 65.437 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070624.D
Acq: 14 Jan 2022 15:38

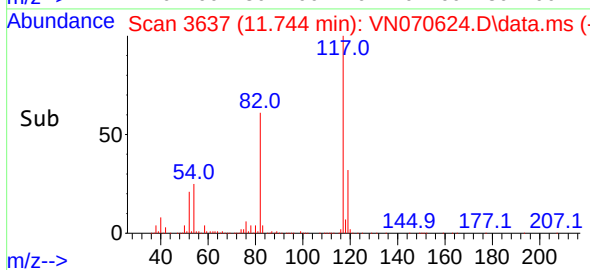
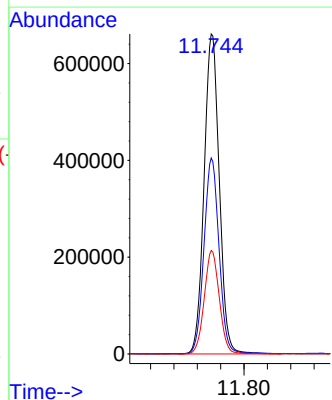
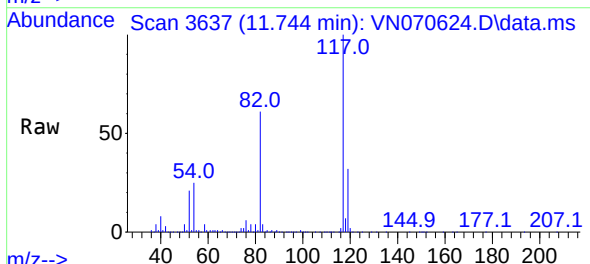
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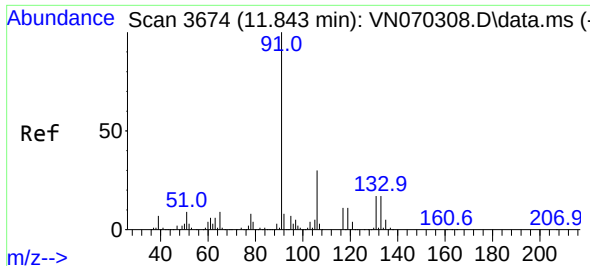
Tgt Ion: 95 Resp: 745028
Ion Ratio Lower Upper
95 100
174 75.1 0.0 187.2
176 73.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070624.D
Acq: 14 Jan 2022 15:38

Tgt Ion: 117 Resp: 1194819
Ion Ratio Lower Upper
117 100
82 61.2 42.4 63.6
119 32.4 25.4 38.2

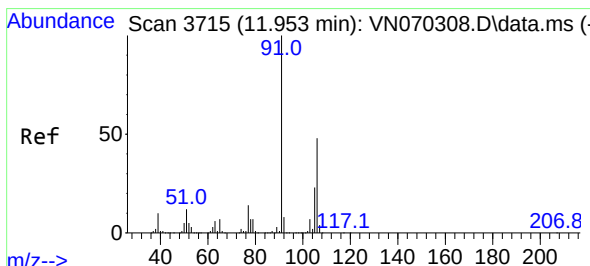
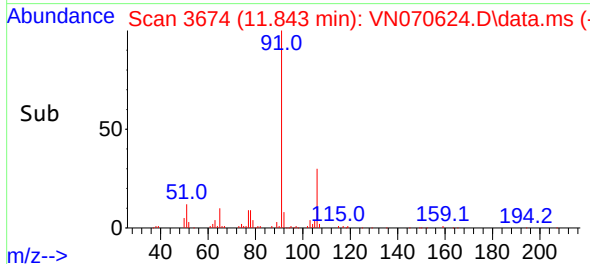
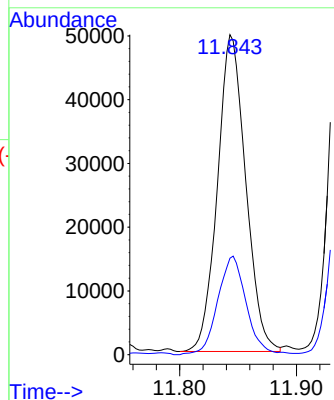
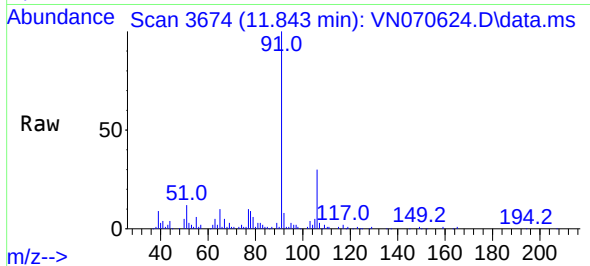




#67
Ethyl Benzene
Concen: 1.796 ug/l
RT: 11.843 min Scan# 3074
Delta R.T. 0.000 min
Lab File: VN070624.D
Acq: 14 Jan 2022 15:38

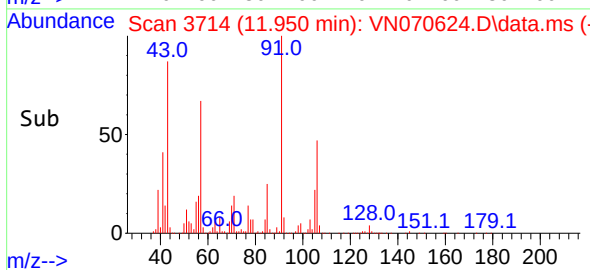
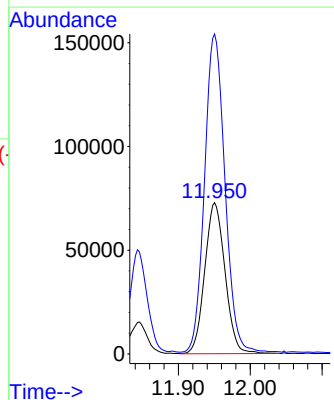
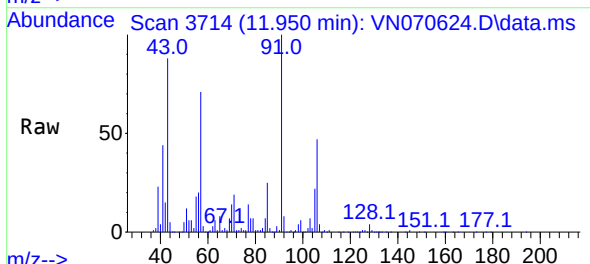
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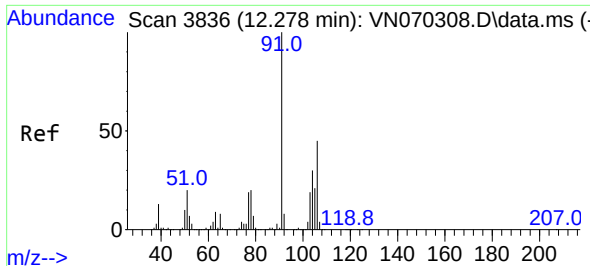
Tgt Ion: 91 Resp: 83420
Ion Ratio Lower Upper
91 100
106 30.5 25.7 38.5



#68
m/p-Xylenes
Concen: 8.461 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070624.D
Acq: 14 Jan 2022 15:38

Tgt Ion: 106 Resp: 143055
Ion Ratio Lower Upper
106 100
91 210.9 160.6 240.8

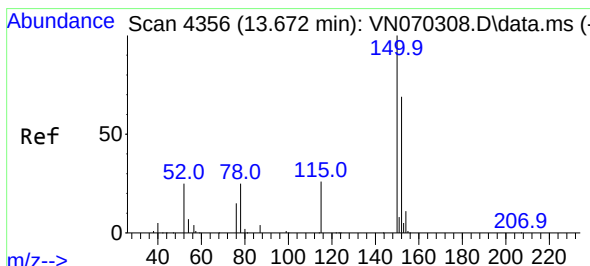
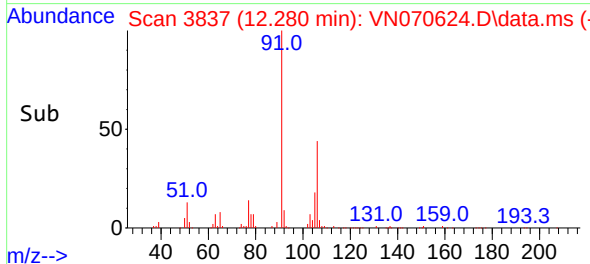
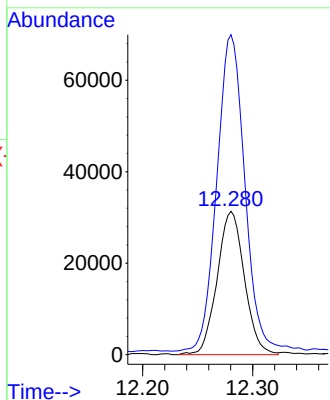
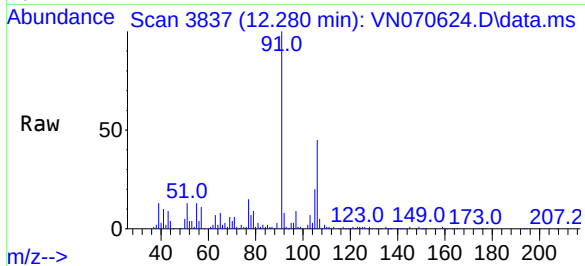




#69
o-Xylene
Concen: 3.212 ug/l
RT: 12.280 min Scan# 3836
Delta R.T. 0.002 min
Lab File: VN070624.D
Acq: 14 Jan 2022 15:38

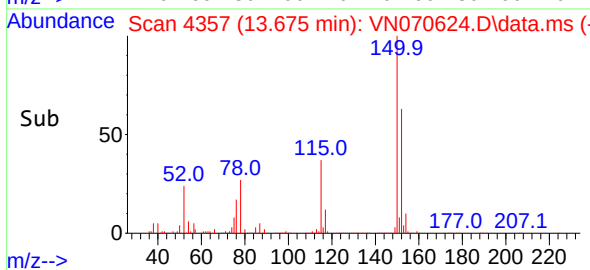
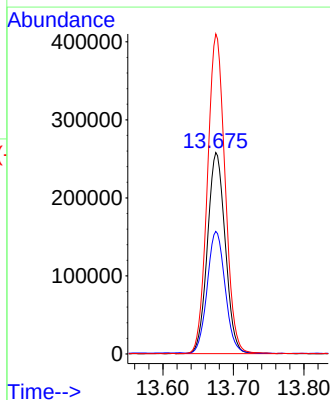
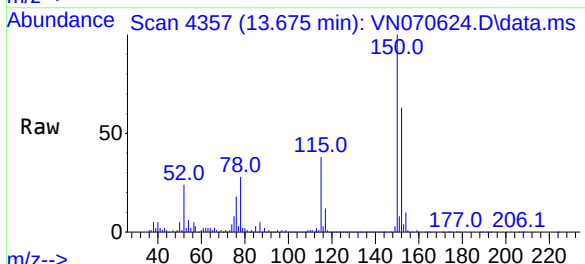
Instrument :
MSVOA_N
ClientSampleId :
41861

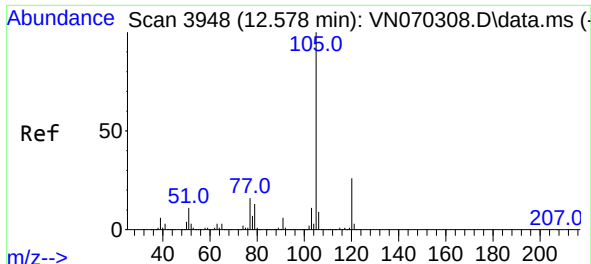
Tgt Ion:106 Resp: 54018
Ion Ratio Lower Upper
106 100
91 226.8 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070624.D
Acq: 14 Jan 2022 15:38

Tgt Ion:152 Resp: 452712
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 157.4 0.0 344.4

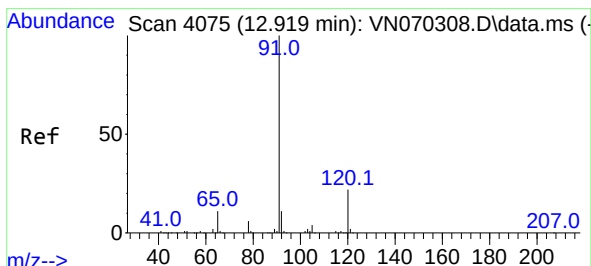
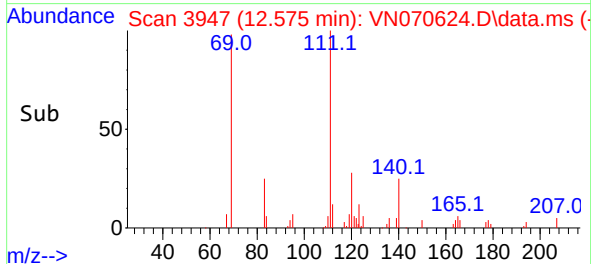
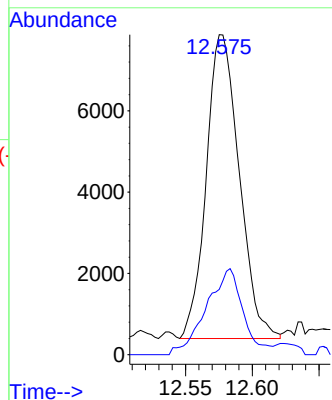
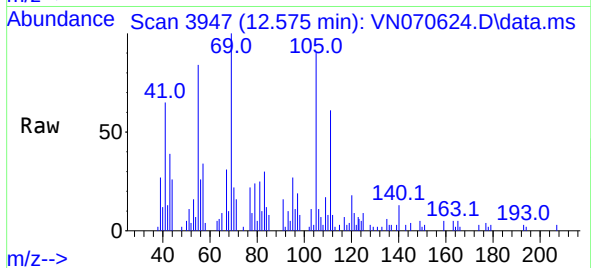




#73
Isopropylbenzene
Concen: 0.306 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. -0.003 min
Lab File: VN070624.D
Acq: 14 Jan 2022 15:38

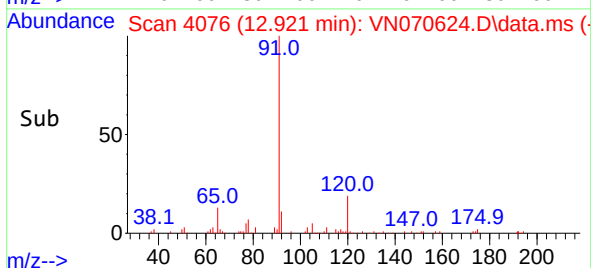
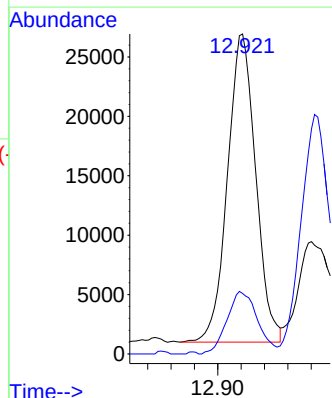
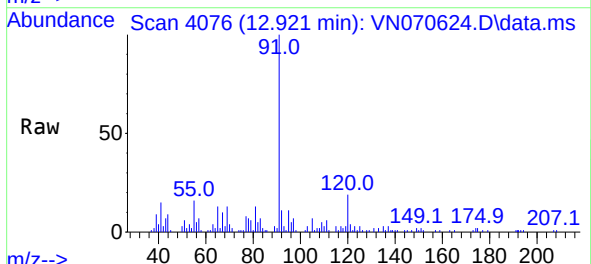
Instrument :
MSVOA_N
ClientSampleId :
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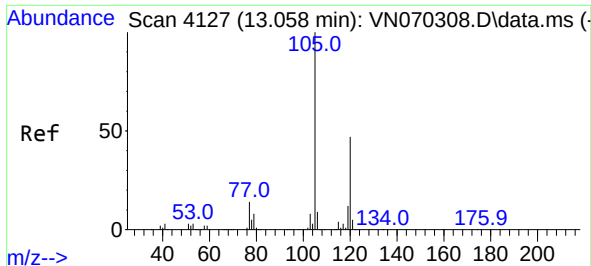
Tgt Ion:105 Resp: 12845
Ion Ratio Lower Upper
105 100
120 31.6 13.4 40.1



#78
n-propylbenzene
Concen: 0.934 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070624.D
Acq: 14 Jan 2022 15:38

Tgt Ion: 91 Resp: 43529
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9

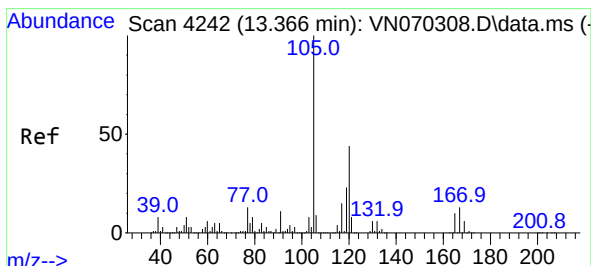
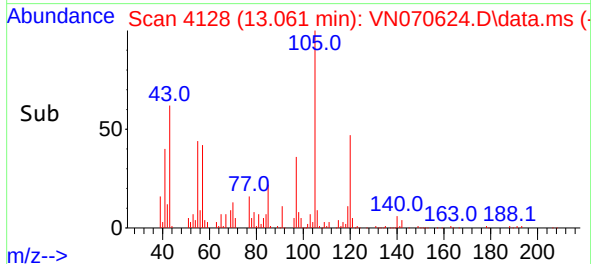
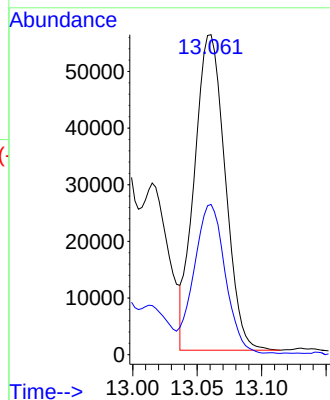
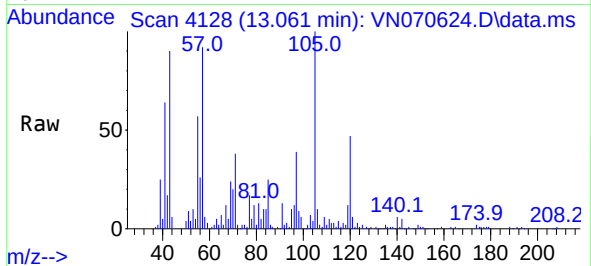




#80
1,3,5-Trimethylbenzene
Concen: 2.743 ug/l
RT: 13.061 min Scan# 4127
Delta R.T. 0.003 min
Lab File: VN070624.D
Acq: 14 Jan 2022 15:38

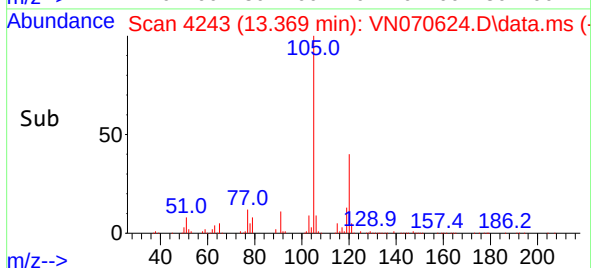
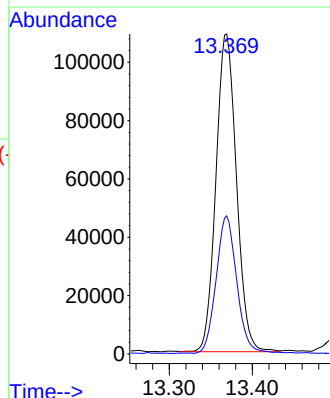
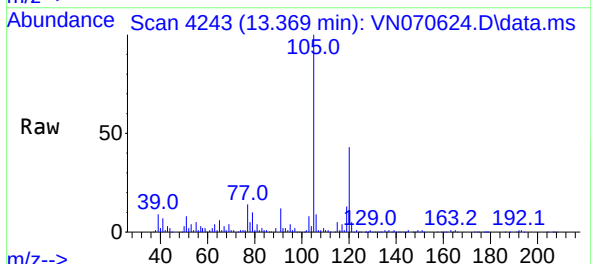
Instrument :
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ClientSampleId :
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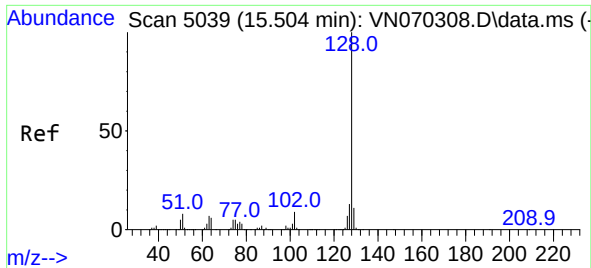
Tgt Ion:105 Resp: 92399
Ion Ratio Lower Upper
105 100
120 47.8 24.6 73.6



#84
1,2,4-Trimethylbenzene
Concen: 5.760 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.003 min
Lab File: VN070624.D
Acq: 14 Jan 2022 15:38

Tgt Ion:105 Resp: 186854
Ion Ratio Lower Upper
105 100
120 43.4 22.8 68.4





#95
Naphthalene
Concen: 3.101 ug/l
RT: 15.509 min Scan# 50
Delta R.T. 0.005 min
Lab File: VN070624.D
Acq: 14 Jan 2022 15:38

Instrument :
MSVOA_N
ClientSampleId :
41861

Tgt Ion:128 Resp: 27904
Ion Ratio Lower Upper
128 100
127 8.5 10.5 15.7#
129 13.5 8.7 13.1#

