

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072088.D
 Acq On : 20 Apr 2022 19:28
 Operator : JC\MD
 Sample : N2480-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-16-1A-1

Quant Time: Apr 21 03:34:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

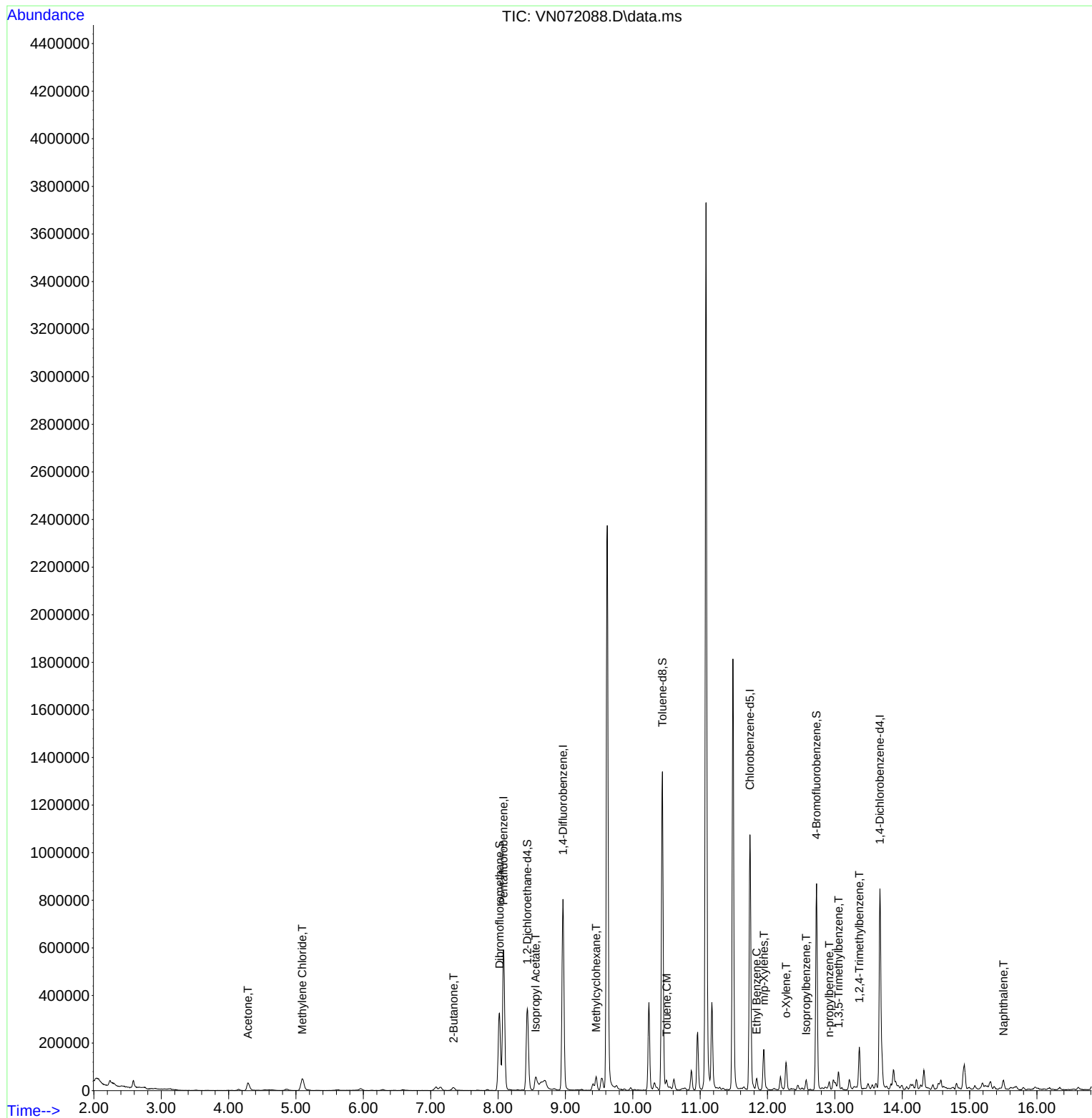
Internal Standards						
1) Pentafluorobenzene	8.081	168	469472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	752902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	672117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	254577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	291349	54.361	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 108.720%		
35) Dibromofluoromethane	8.022	113	248801	56.158	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 112.320%		
50) Toluene-d8	10.439	98	952174	52.537	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 105.080%		
62) 4-Bromofluorobenzene	12.727	95	307844	52.520	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 105.040%		
Target Compounds						
						Qvalue
16) Acetone	4.287	43	54017	23.583	ug/l	# 82
20) Methylene Chloride	5.093	84	43621	9.035	ug/l	97
25) 2-Butanone	7.339	43	21349	6.465	ug/l	99
39) Methylcyclohexane	9.457	83	25504	3.463	ug/l	95
43) Isopropyl Acetate	8.557	43	65275	5.795	ug/l	# 82
52) Toluene	10.504	92	15717	1.272	ug/l	92
67) Ethyl Benzene	11.839	91	31435	1.380	ug/l	95
68) m/p-Xylenes	11.945	106	54323	6.206	ug/l	97
69) o-Xylene	12.274	106	32734	3.767	ug/l	97
73) Isopropylbenzene	12.574	105	26928	1.255	ug/l	99
78) n-propylbenzene	12.916	91	25999	1.152	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	36846	2.168	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	100843	6.081	ug/l	99
95) Naphthalene	15.504	128	41885	7.141	ug/l	98

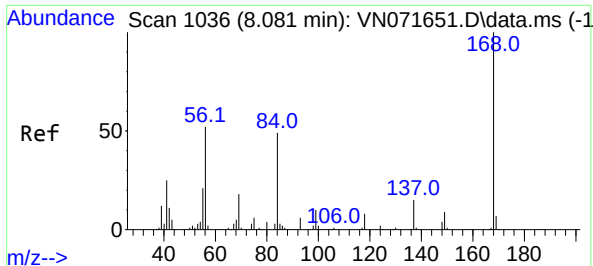
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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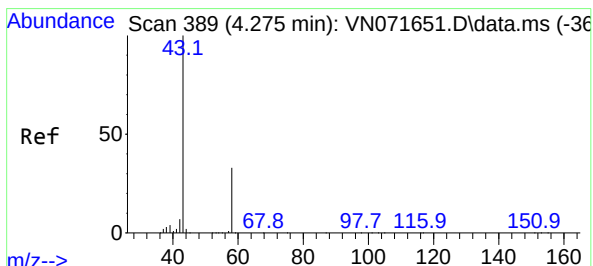
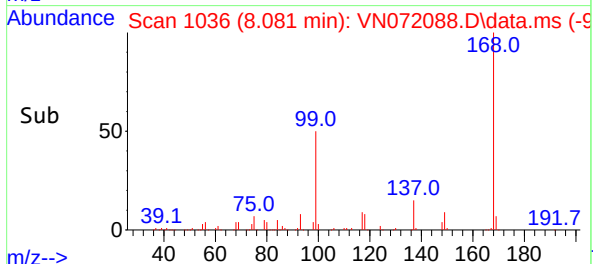
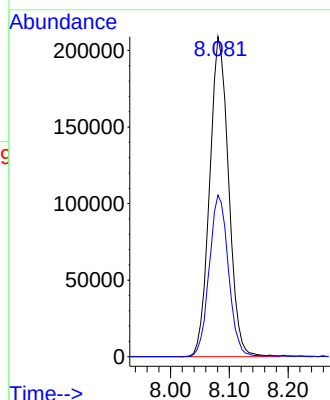
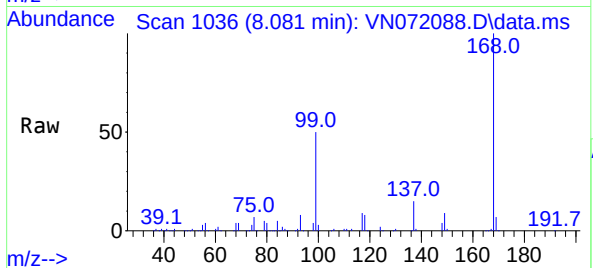




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072088.D
Acq: 20 Apr 2022 19:28

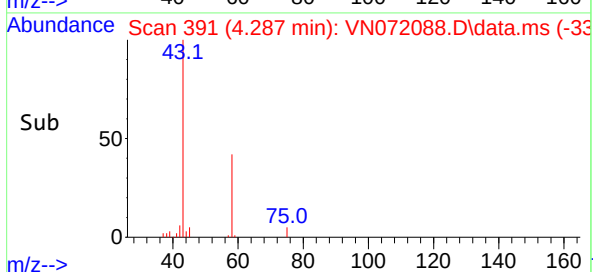
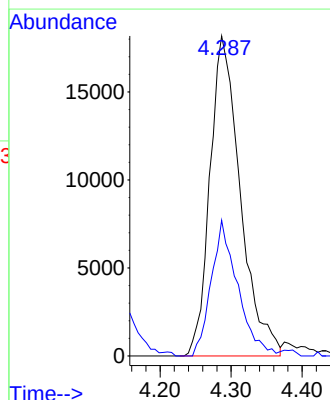
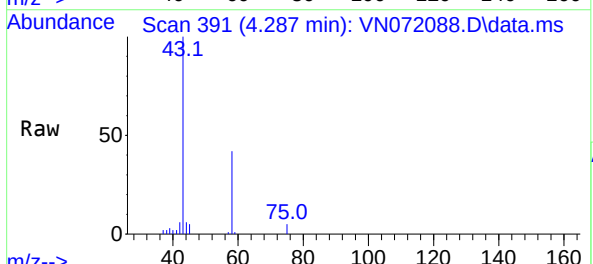
Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-1

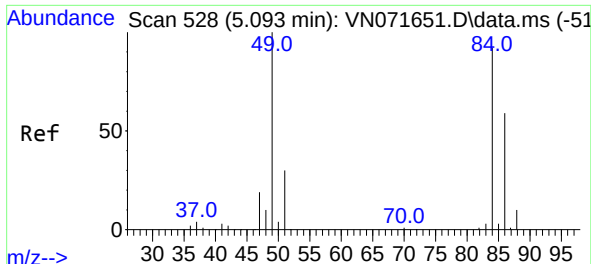
Tgt Ion:168 Resp: 469472
Ion Ratio Lower Upper
168 100
99 50.5 42.3 63.5



#16
Acetone
Concen: 23.583 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072088.D
Acq: 20 Apr 2022 19:28

Tgt Ion: 43 Resp: 54017
Ion Ratio Lower Upper
43 100
58 42.4 26.0 39.0#



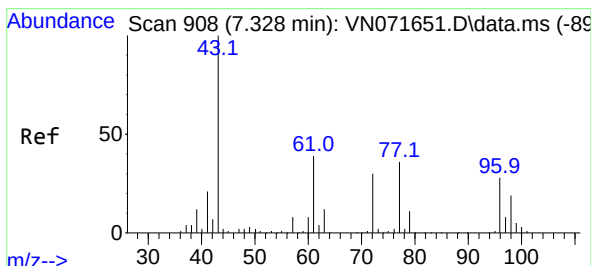
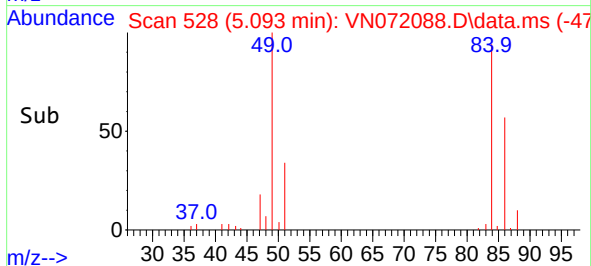
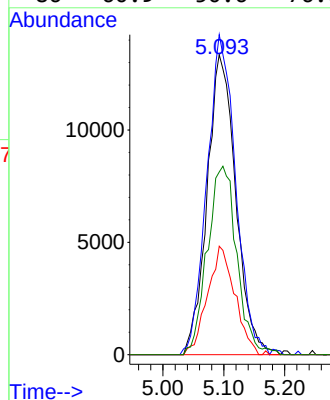
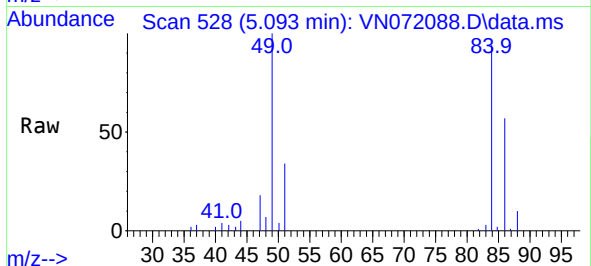


#20
Methylene Chloride
Concen: 9.035 ug/l
RT: 5.093 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072088.D
Acq: 20 Apr 2022 19:28

Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-1

Tgt Ion: 84 Resp: 43621

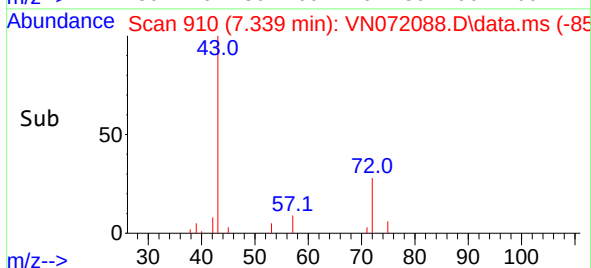
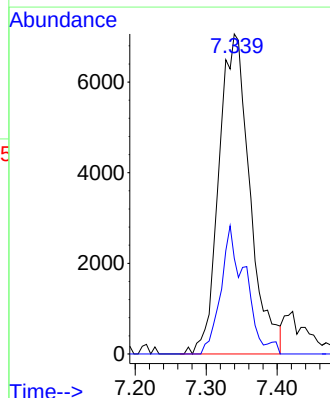
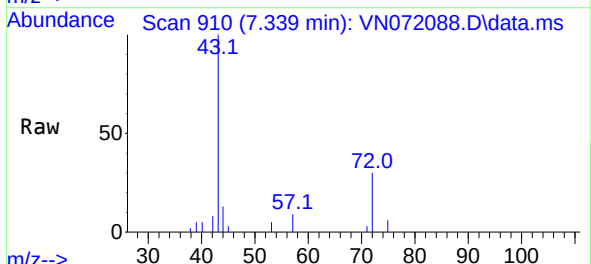
Ion	Ratio	Lower	Upper
84	100		
49	106.7	88.3	132.5
51	36.2	28.2	42.2
86	60.9	50.6	76.0

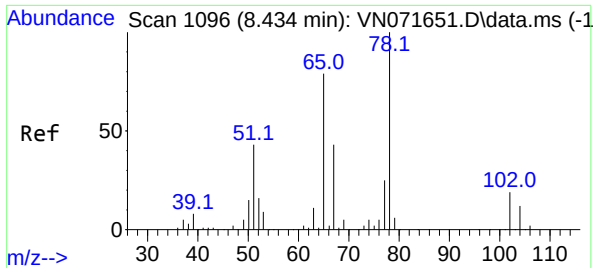


#25
2-Butanone
Concen: 6.465 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN072088.D
Acq: 20 Apr 2022 19:28

Tgt Ion: 43 Resp: 21349

Ion	Ratio	Lower	Upper
43	100		
72	29.9	23.7	35.5

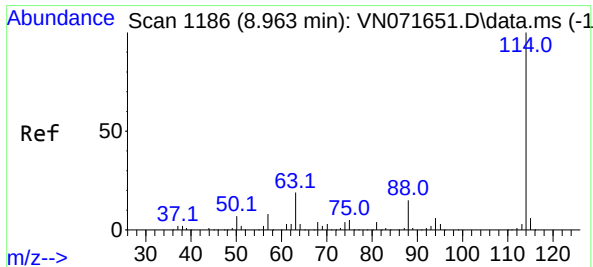
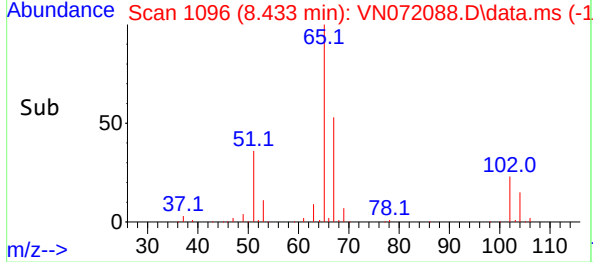
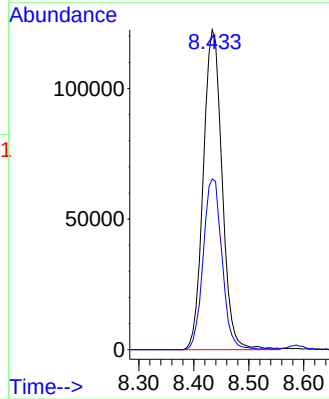
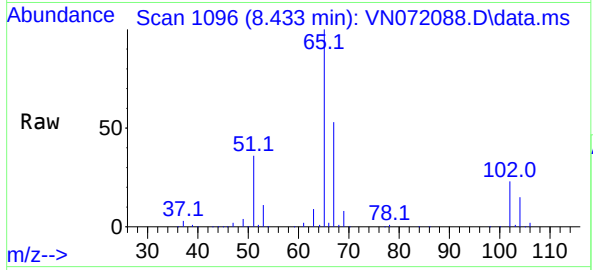




#33
1,2-Dichloroethane-d4
Concen: 54.361 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072088.D
Acq: 20 Apr 2022 19:28

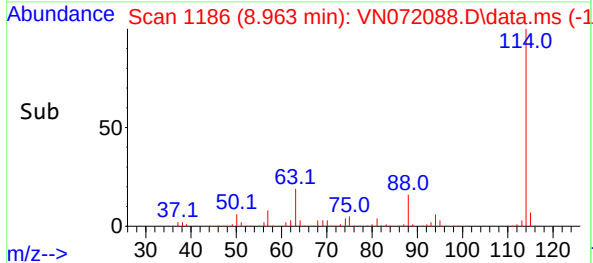
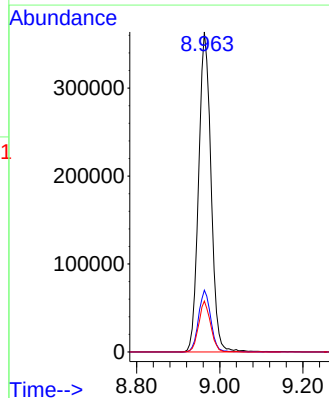
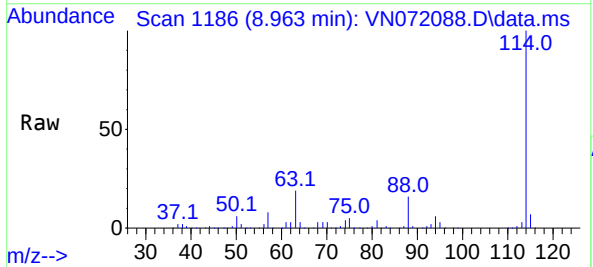
Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-1

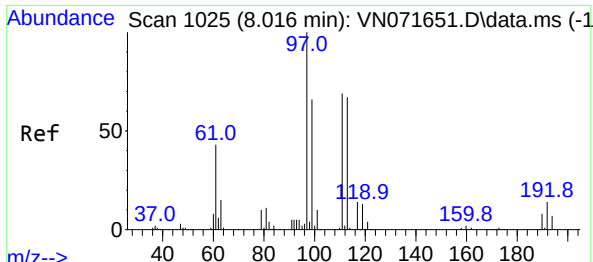
Tgt Ion: 65 Resp: 291349
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072088.D
Acq: 20 Apr 2022 19:28

Tgt Ion:114 Resp: 752902
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.0
88 15.9 0.0 32.6

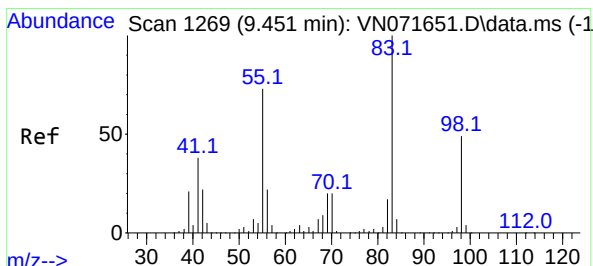
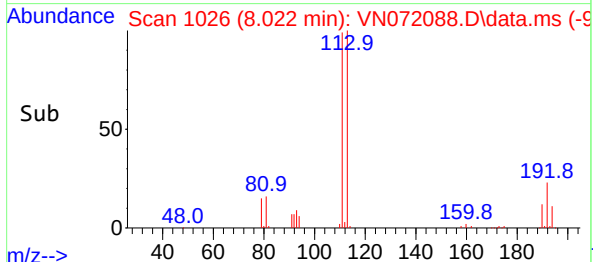
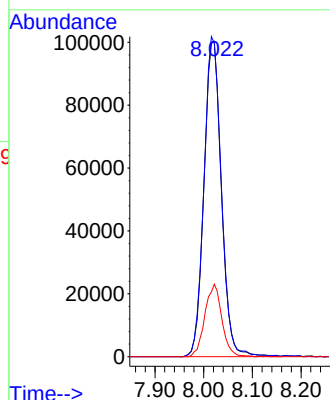
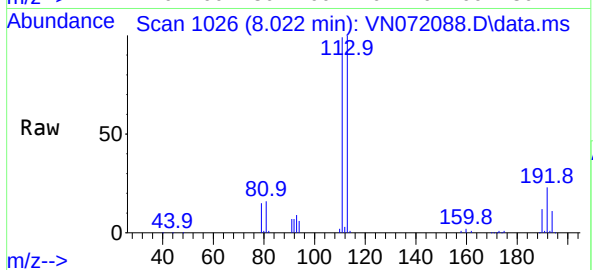




#35
Dibromofluoromethane
Concen: 56.158 ug/l
RT: 8.022 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072088.D
Acq: 20 Apr 2022 19:28

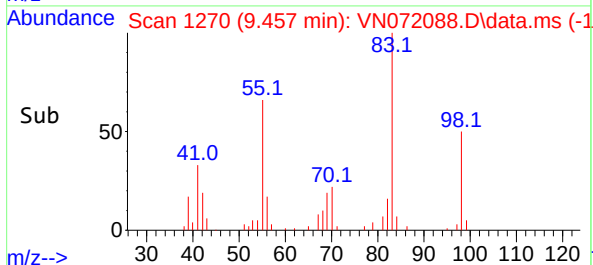
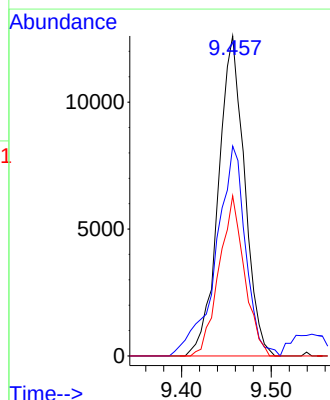
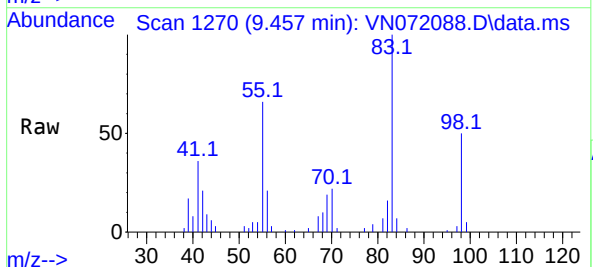
Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-1

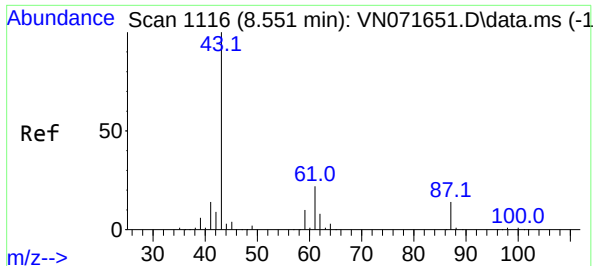
Tgt Ion:113 Resp: 248801
Ion Ratio Lower Upper
113 100
111 101.1 81.4 122.0
192 22.4 17.0 25.6



#39
Methylcyclohexane
Concen: 3.463 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VN072088.D
Acq: 20 Apr 2022 19:28

Tgt Ion: 83 Resp: 25504
Ion Ratio Lower Upper
83 100
55 65.6 57.8 86.8
98 50.1 39.4 59.2

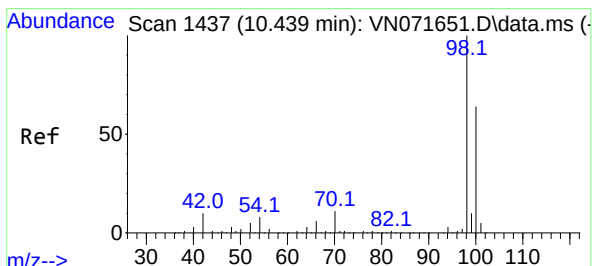
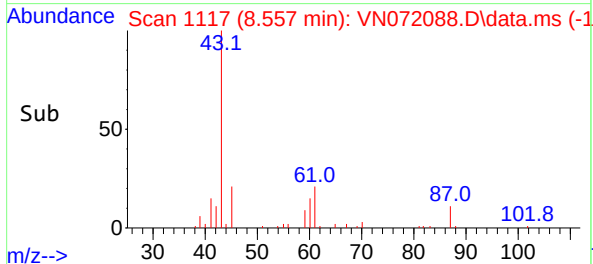
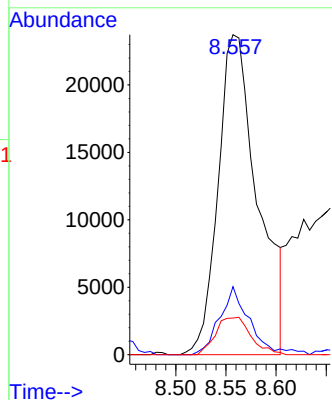
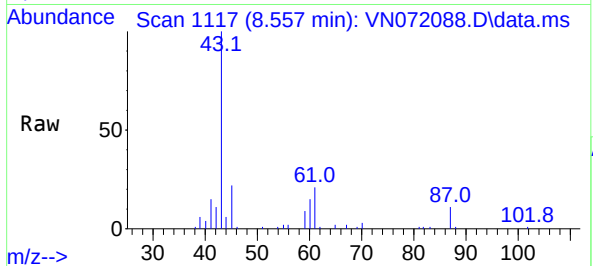




#43
Isopropyl Acetate
Concen: 5.795 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN072088.D
Acq: 20 Apr 2022 19:28

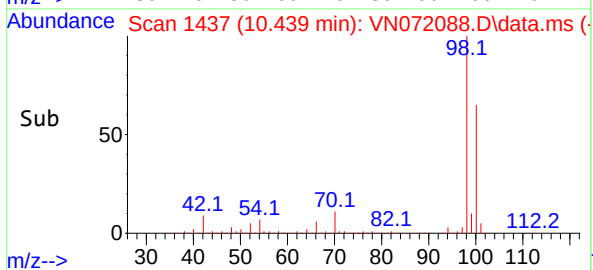
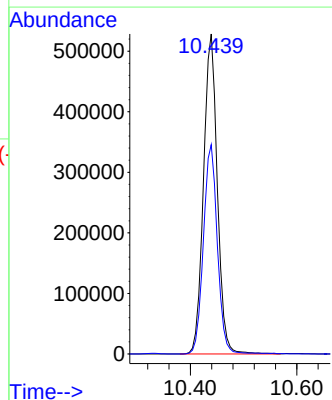
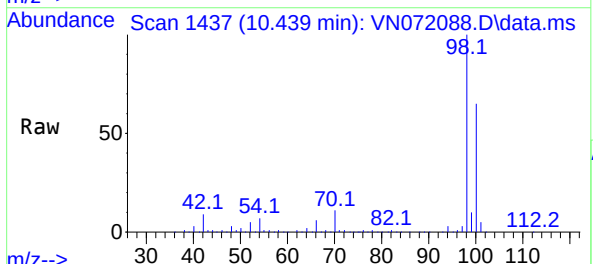
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ClientSampleId :
WC-16-1A-1

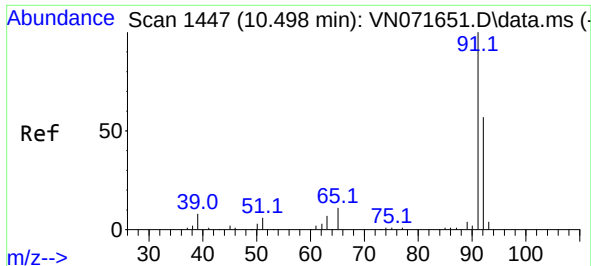
Tgt Ion: 43 Resp: 65275
Ion Ratio Lower Upper
43 100
61 16.2 21.9 32.9#
87 10.4 12.0 18.0#



#50
Toluene-d8
Concen: 52.537 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072088.D
Acq: 20 Apr 2022 19:28

Tgt Ion: 98 Resp: 952174
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8

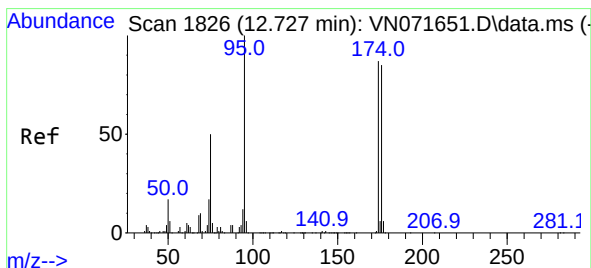
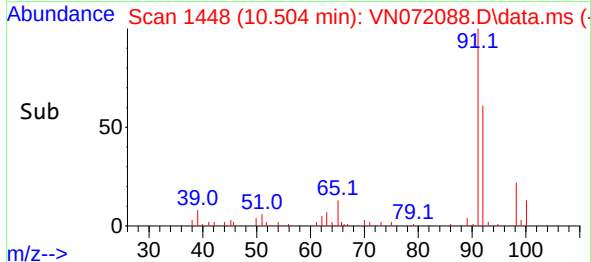
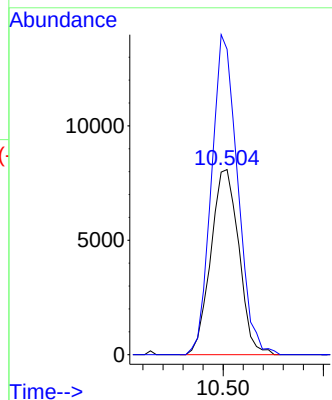
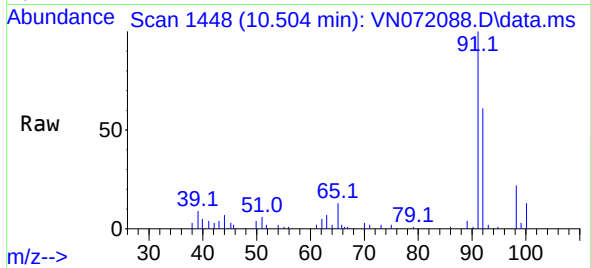




#52
Toluene
Concen: 1.272 ug/l
RT: 10.504 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN072088.D
Acq: 20 Apr 2022 19:28

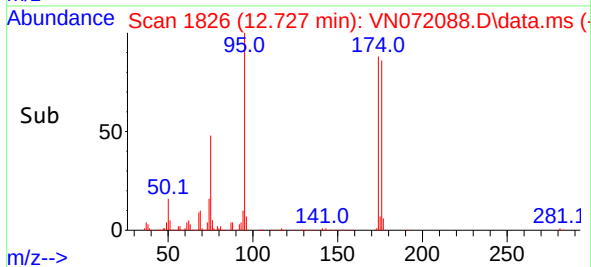
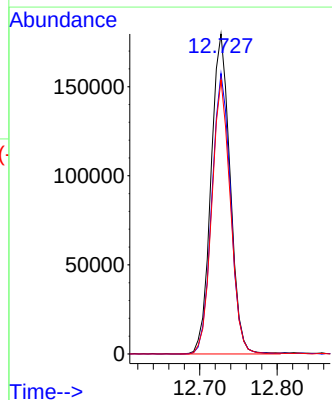
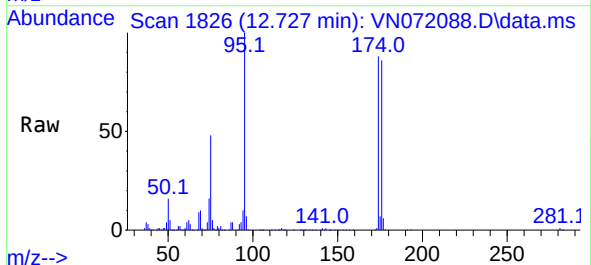
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WC-16-1A-1

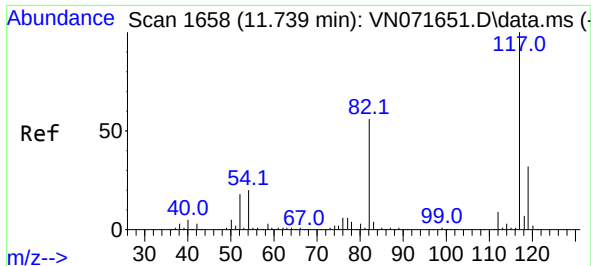
Tgt Ion: 92 Resp: 15717
Ion Ratio Lower Upper
92 100
91 161.5 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 52.520 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072088.D
Acq: 20 Apr 2022 19:28

Tgt Ion: 95 Resp: 307844
Ion Ratio Lower Upper
95 100
174 86.0 0.0 167.6
176 82.9 0.0 163.4

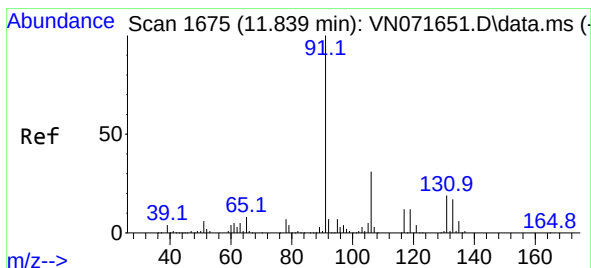
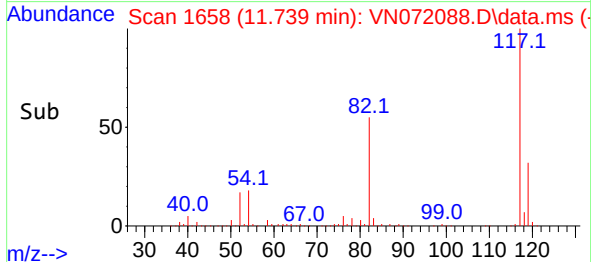
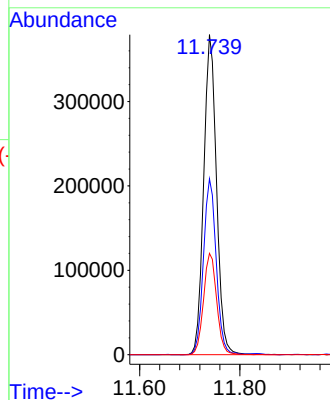
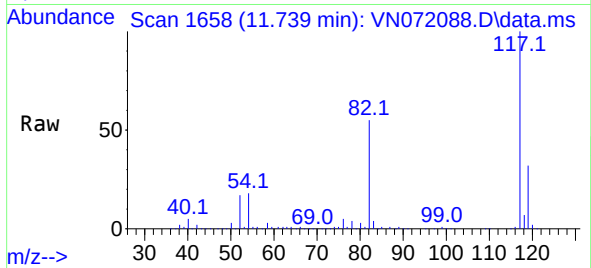




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072088.D
Acq: 20 Apr 2022 19:28

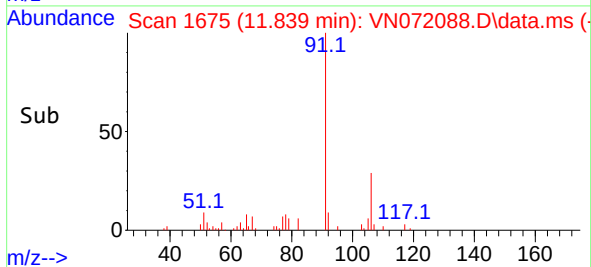
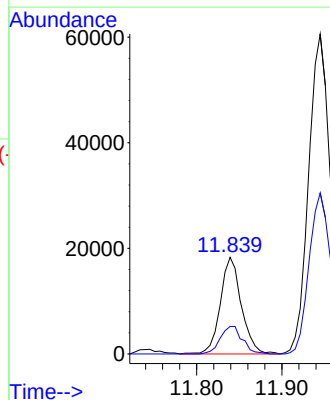
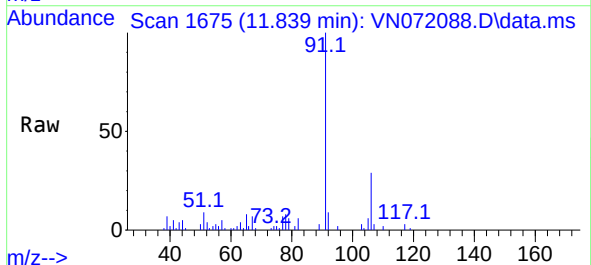
Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-1

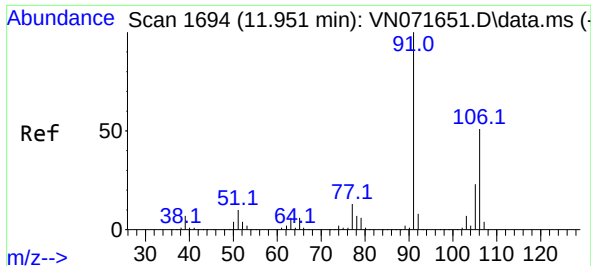
Tgt Ion:117 Resp: 672117
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 31.7 25.4 38.0



#67
Ethyl Benzene
Concen: 1.380 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072088.D
Acq: 20 Apr 2022 19:28

Tgt Ion: 91 Resp: 31435
Ion Ratio Lower Upper
91 100
106 28.5 24.9 37.3

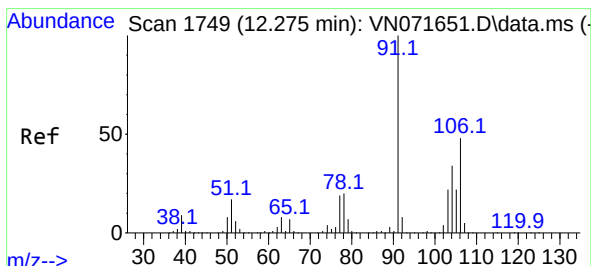
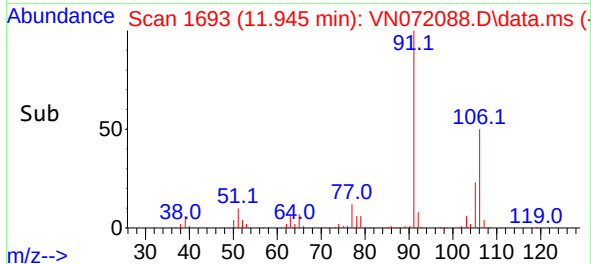
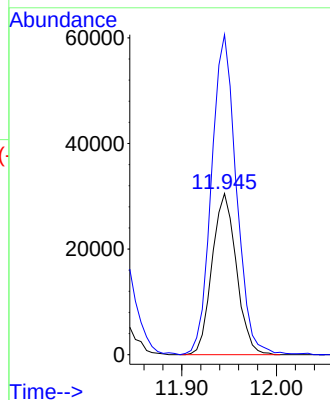
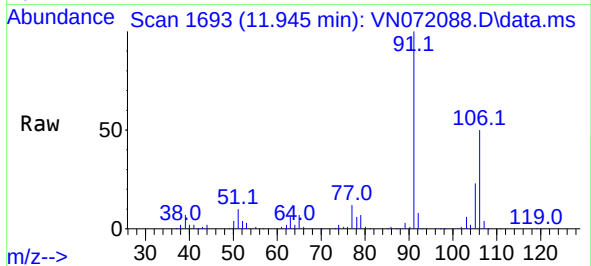




#68
m/p-Xylenes
Concen: 6.206 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072088.D
Acq: 20 Apr 2022 19:28

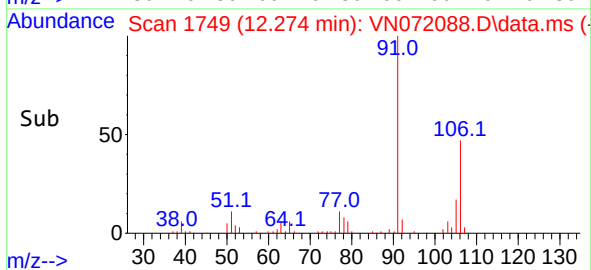
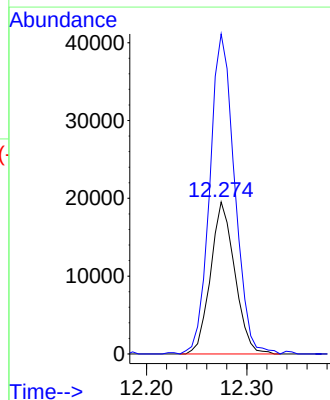
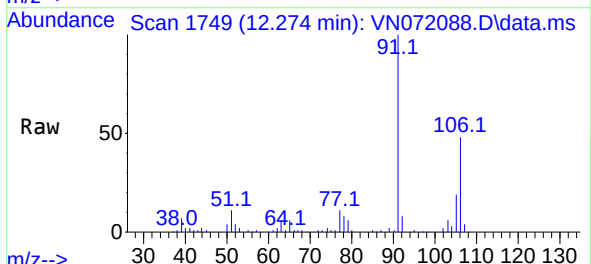
Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-1

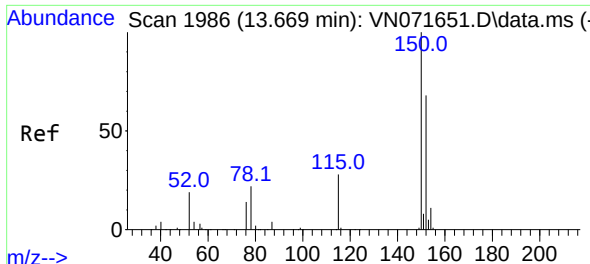
Tgt Ion:106 Resp: 54323
Ion Ratio Lower Upper
106 100
91 203.6 158.9 238.3



#69
o-Xylene
Concen: 3.767 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072088.D
Acq: 20 Apr 2022 19:28

Tgt Ion:106 Resp: 32734
Ion Ratio Lower Upper
106 100
91 216.2 106.0 318.0

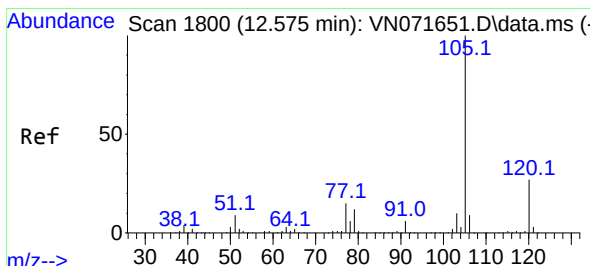
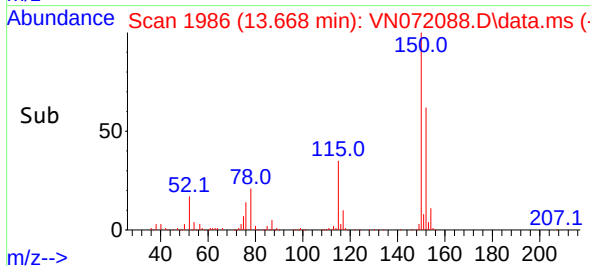
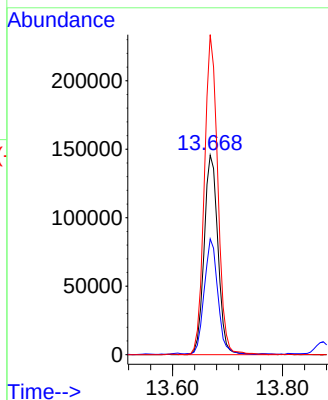
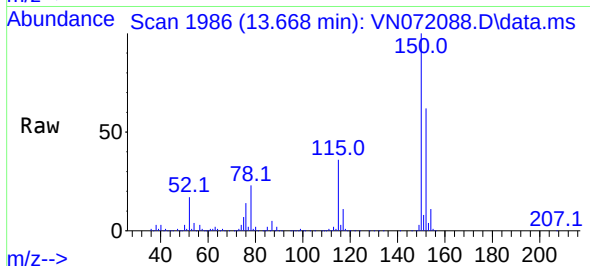




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072088.D
Acq: 20 Apr 2022 19:28

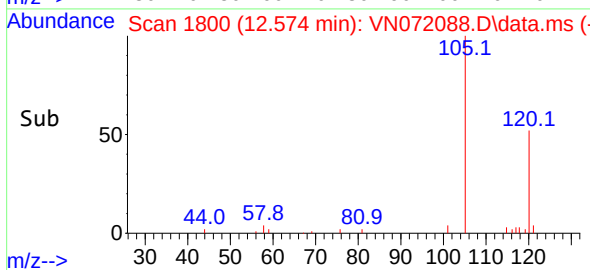
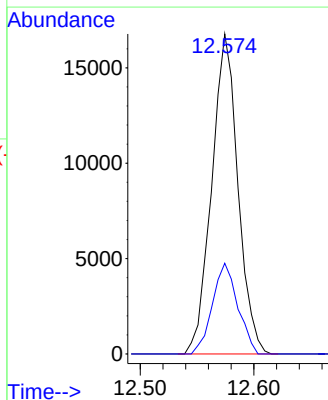
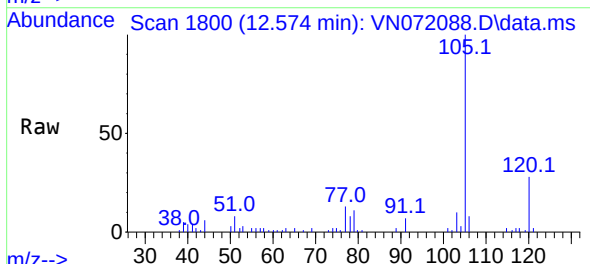
Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-1

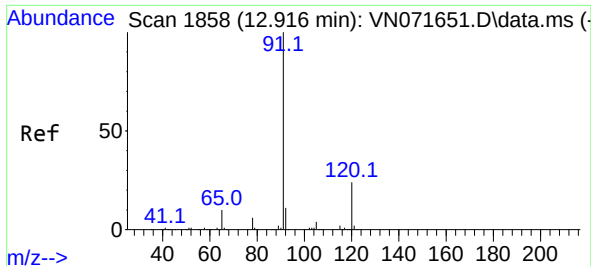
Tgt Ion:152 Resp: 254577
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.7
150 155.7 0.0 356.2



#73
Isopropylbenzene
Concen: 1.255 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072088.D
Acq: 20 Apr 2022 19:28

Tgt Ion:105 Resp: 26928
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4

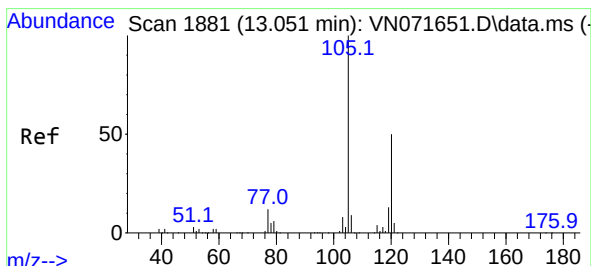
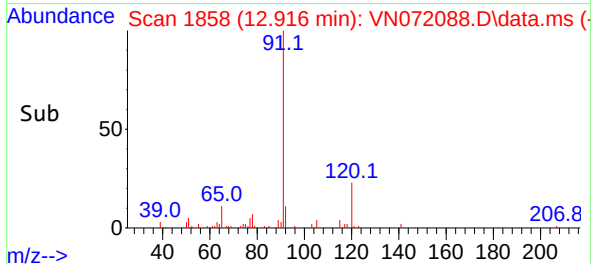
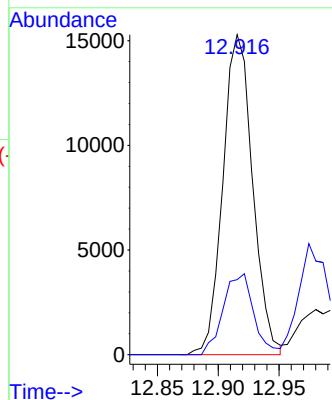
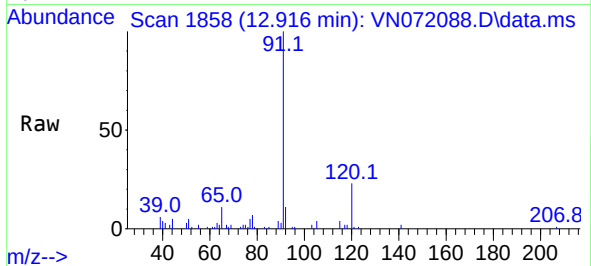




#78
n-propylbenzene
Concen: 1.152 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072088.D
Acq: 20 Apr 2022 19:28

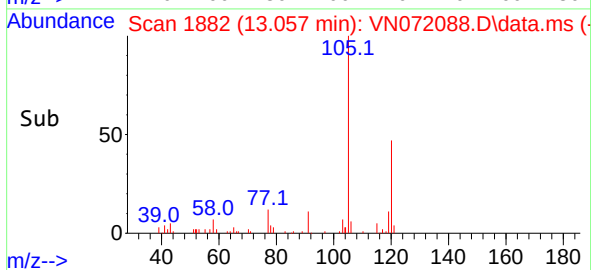
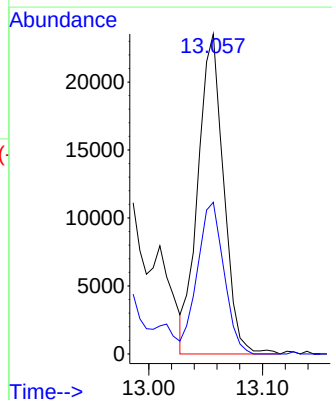
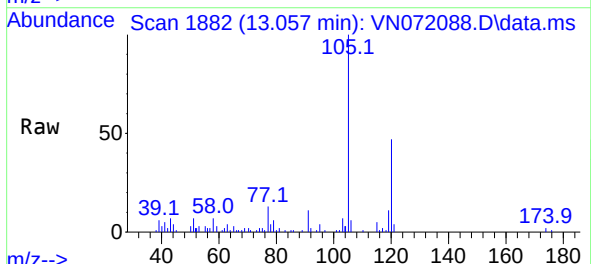
Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-1

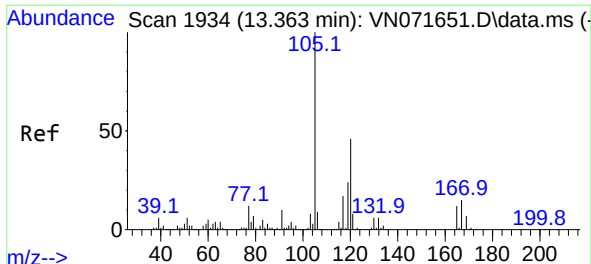
Tgt Ion: 91 Resp: 25999
Ion Ratio Lower Upper
91 100
120 26.0 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 2.168 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072088.D
Acq: 20 Apr 2022 19:28

Tgt Ion: 105 Resp: 36846
Ion Ratio Lower Upper
105 100
120 49.1 24.9 74.7

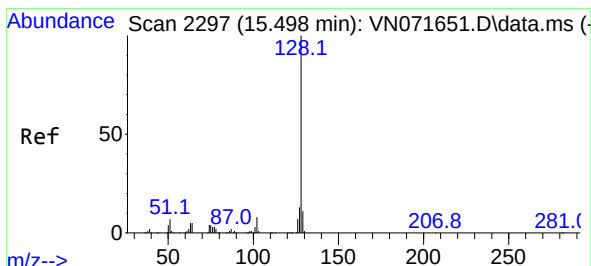
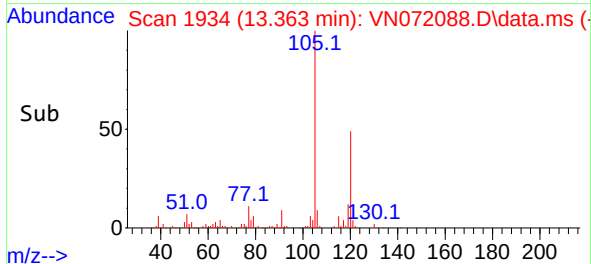
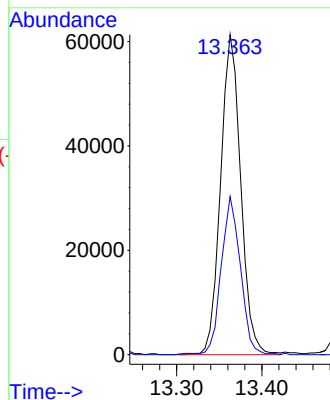
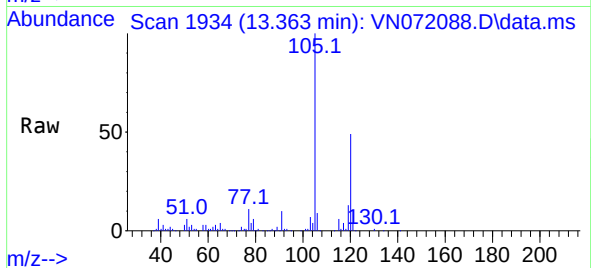




#84
1,2,4-Trimethylbenzene
Concen: 6.081 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072088.D
Acq: 20 Apr 2022 19:28

Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-1

Tgt Ion:105 Resp: 100843
Ion Ratio Lower Upper
105 100
120 47.1 23.3 69.8



#95
Naphthalene
Concen: 7.141 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072088.D
Acq: 20 Apr 2022 19:28

Tgt Ion:128 Resp: 41885
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.6 8.6 13.0

