

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042922\
 Data File : VN072275.D
 Acq On : 29 Apr 2022 17:22
 Operator : JC\MD
 Sample : N2617-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

Quant Time: Apr 30 03:15:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

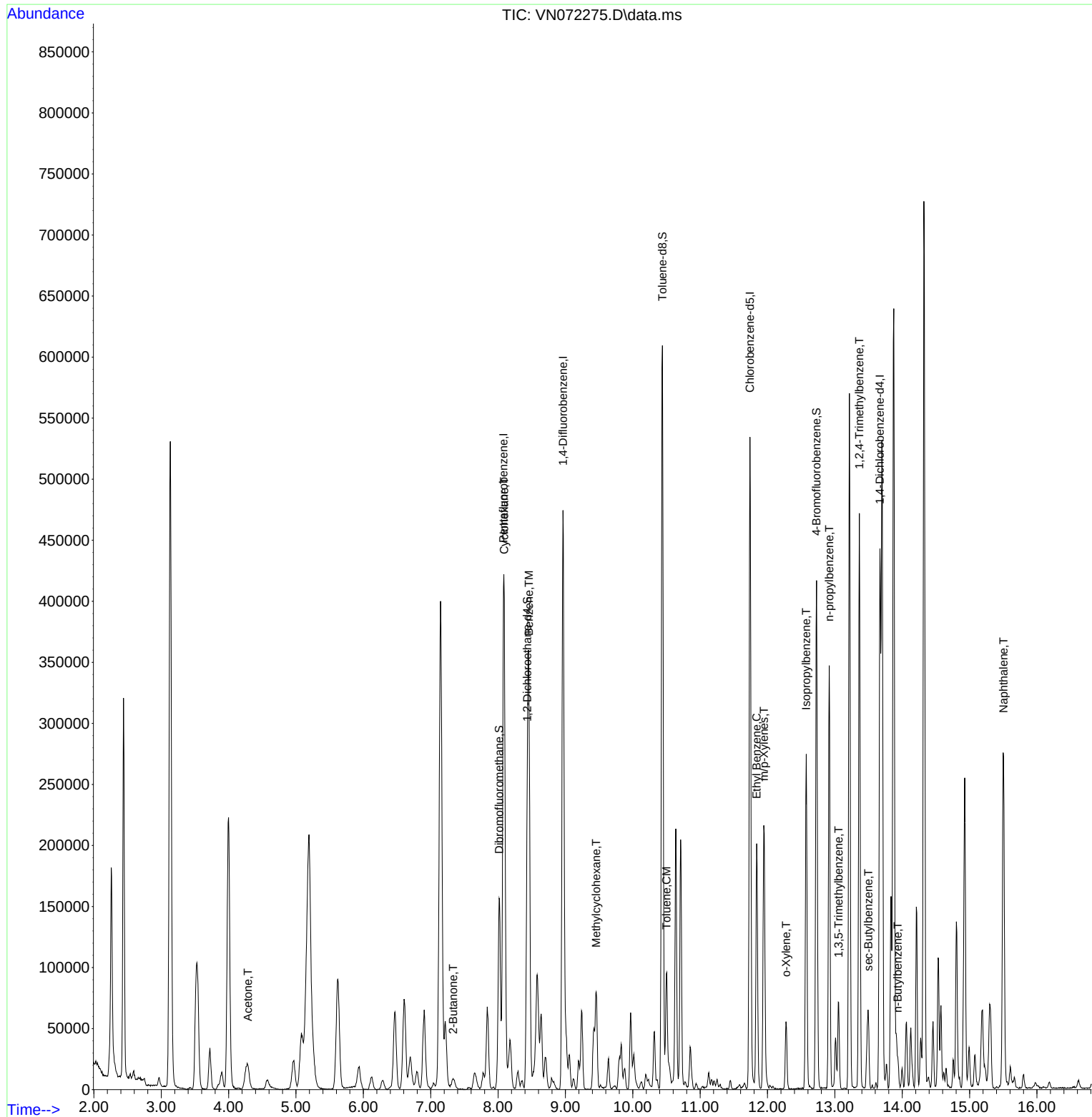
Internal Standards						
1) Pentafluorobenzene	8.081	168	192752	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	326184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	287013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	108951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	172559	58.313	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 116.620%		
35) Dibromofluoromethane	8.016	113	112012	53.652	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 107.300%		
50) Toluene-d8	10.439	98	412064	50.229	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 100.460%		
62) 4-Bromofluorobenzene	12.727	95	145287	53.356	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 106.720%		
Target Compounds						
						Qvalue
16) Acetone	4.287	43	32274	25.297	ug/l	# 86
25) 2-Butanone	7.333	43	12864	6.331	ug/l	# 88
31) Cyclohexane	8.092	56	98219	24.841	ug/l	98
39) Methylcyclohexane	9.457	83	33700	9.915	ug/l	95
40) Benzene	8.457	78	279281	29.629	ug/l	99
52) Toluene	10.498	92	39551	7.019	ug/l	98
67) Ethyl Benzene	11.839	91	140111	13.854	ug/l	98
68) m/p-Xylenes	11.945	106	68590	18.264	ug/l	89
69) o-Xylene	12.274	106	14708	4.040	ug/l	83
73) Isopropylbenzene	12.574	105	175955	18.286	ug/l	95
78) n-propylbenzene	12.915	91	269503	25.423	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	39332	4.908	ug/l	93
84) 1,2,4-Trimethylbenzene	13.363	105	255339	32.931	ug/l	94
85) sec-Butylbenzene	13.498	105	39156	4.269	ug/l	79
89) n-Butylbenzene	13.933	91	10249	1.871	ug/l	# 60
95) Naphthalene	15.504	128	259031	46.255	ug/l	99

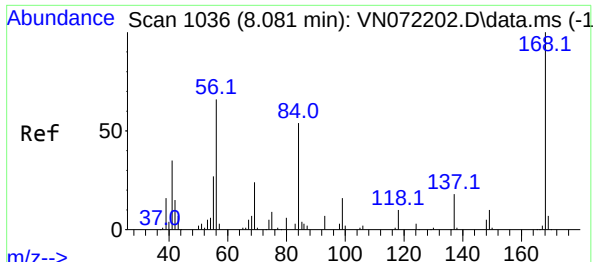
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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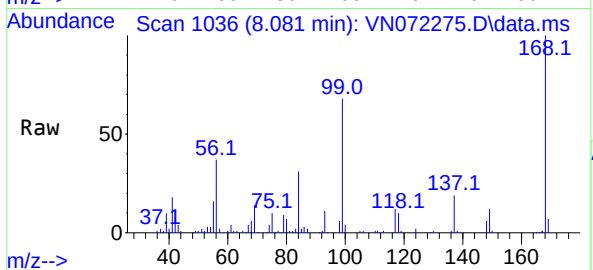
Quant Time: Apr 30 03:15:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 26 18:50:11 2022
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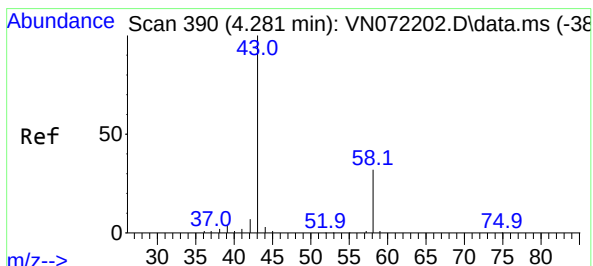
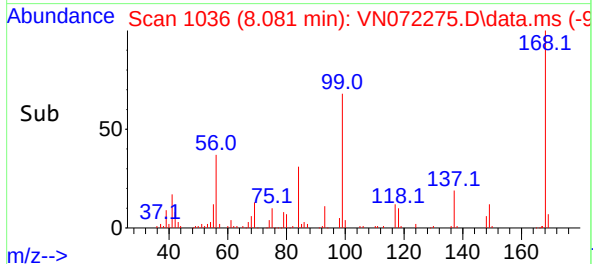
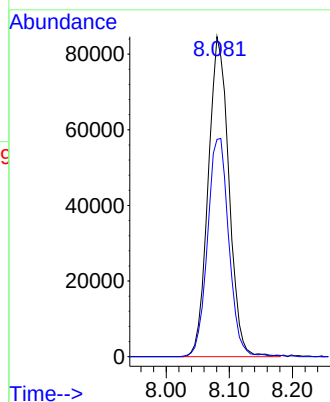


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072275.D
Acq: 29 Apr 2022 17:22

Instrument :
MSVOA_N
ClientSampleId :
MW-6

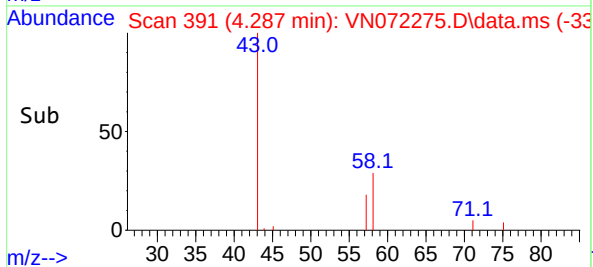
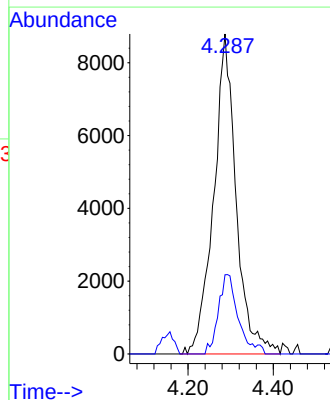
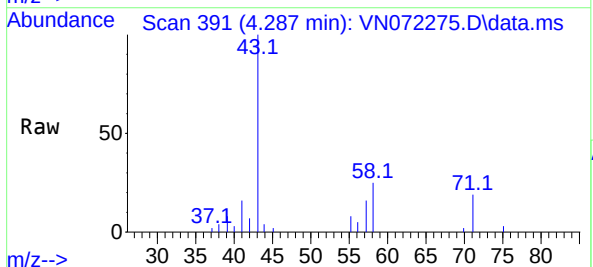


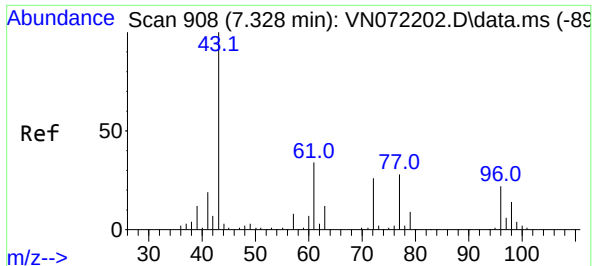
Tgt Ion:168 Resp: 192752
Ion Ratio Lower Upper
168 100
99 67.9 42.3 63.5#



#16
Acetone
Concen: 25.297 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072275.D
Acq: 29 Apr 2022 17:22

Tgt Ion: 43 Resp: 32274
Ion Ratio Lower Upper
43 100
58 24.8 26.0 39.0#

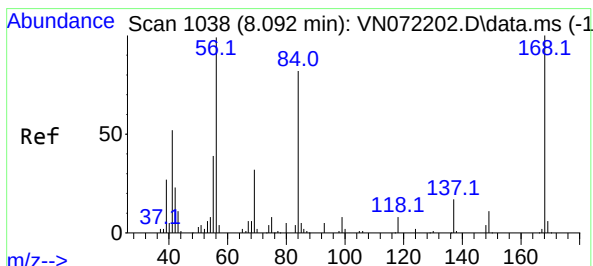
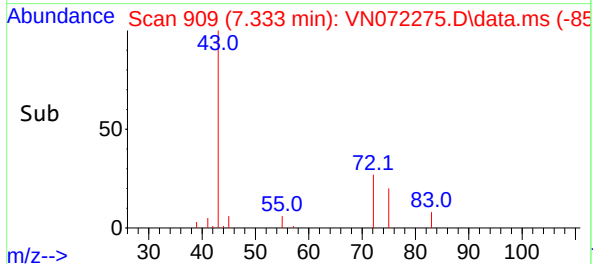
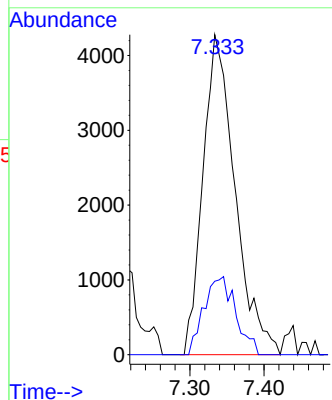
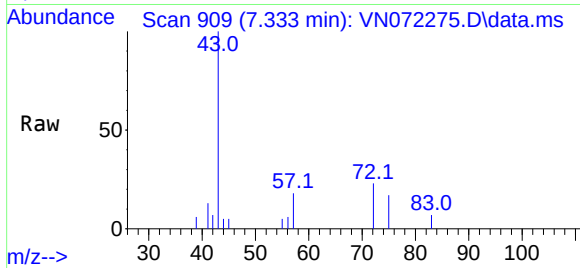




#25
2-Butanone
Concen: 6.331 ug/l
RT: 7.333 min Scan# 908
Delta R.T. 0.005 min
Lab File: VN072275.D
Acq: 29 Apr 2022 17:22

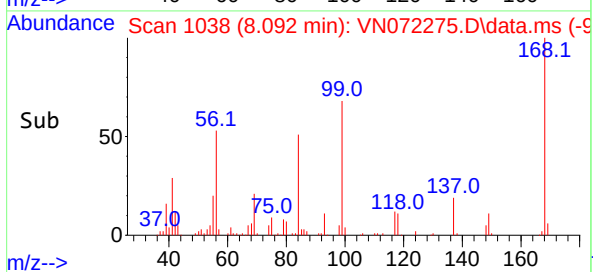
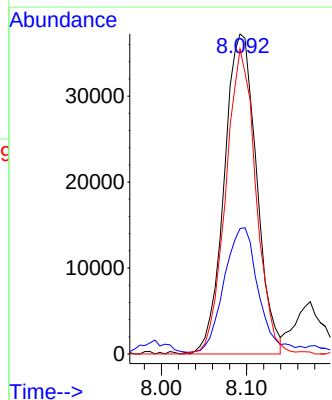
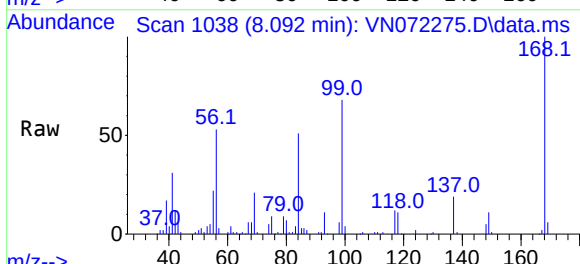
Instrument :
MSVOA_N
ClientSampleId :
MW-6

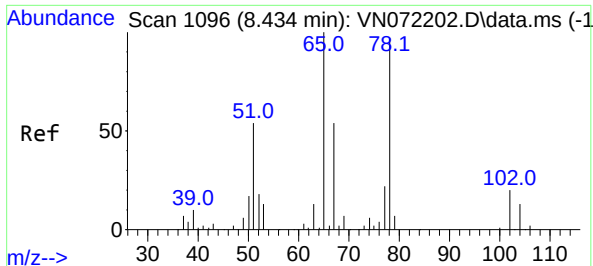
Tgt Ion: 43 Resp: 12864
Ion Ratio Lower Upper
43 100
72 22.9 23.7 35.5#



#31
Cyclohexane
Concen: 24.841 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072275.D
Acq: 29 Apr 2022 17:22

Tgt Ion: 56 Resp: 98219
Ion Ratio Lower Upper
56 100
69 38.3 27.8 41.8
84 95.3 76.9 115.3

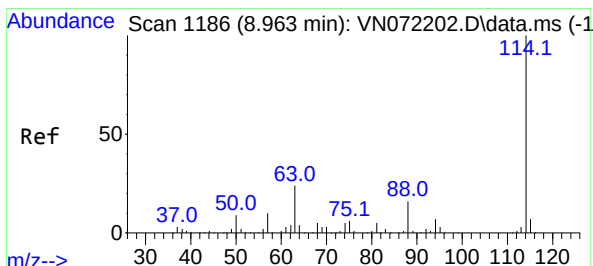
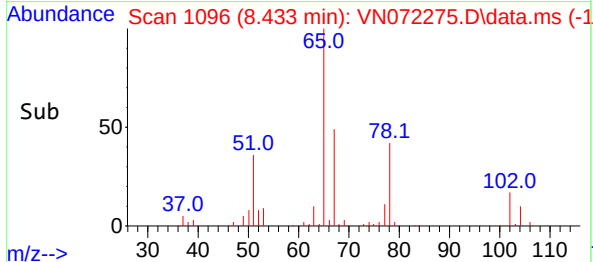
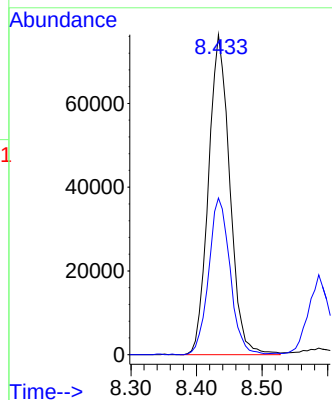
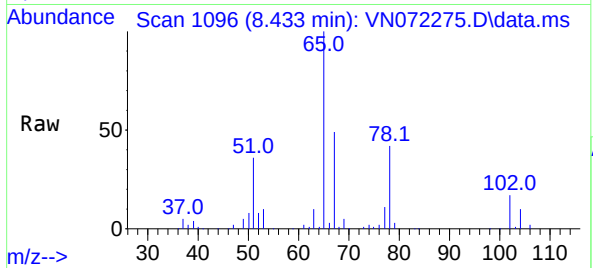




#33
1,2-Dichloroethane-d4
Concen: 58.313 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072275.D
Acq: 29 Apr 2022 17:22

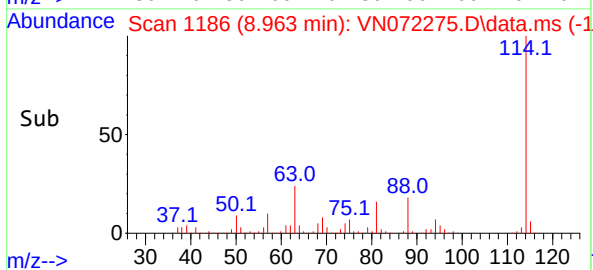
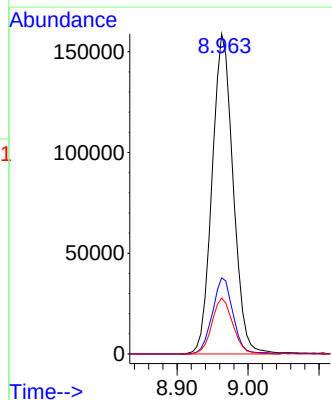
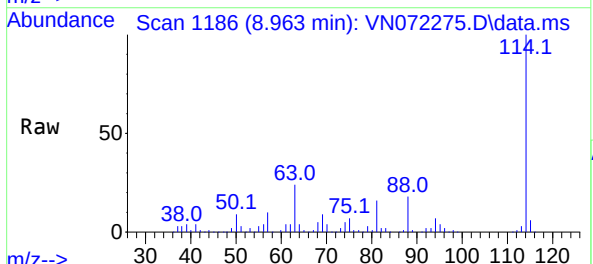
Instrument :
MSVOA_N
ClientSampleId :
MW-6

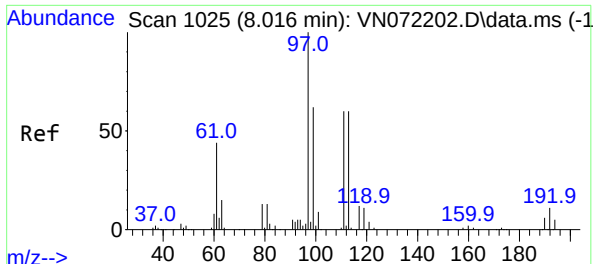
Tgt Ion: 65 Resp: 172559
Ion Ratio Lower Upper
65 100
67 49.1 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072275.D
Acq: 29 Apr 2022 17:22

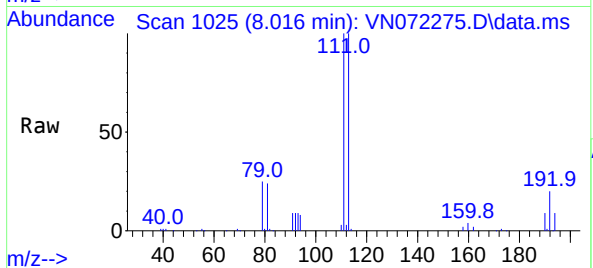
Tgt Ion: 114 Resp: 326184
Ion Ratio Lower Upper
114 100
63 23.8 0.0 40.0
88 17.5 0.0 32.6



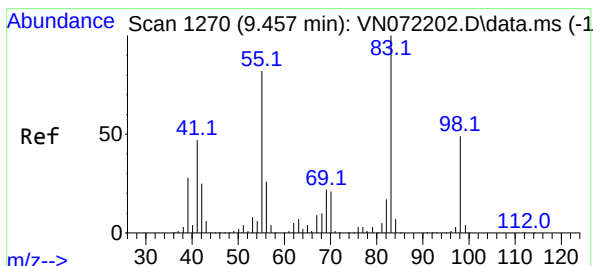
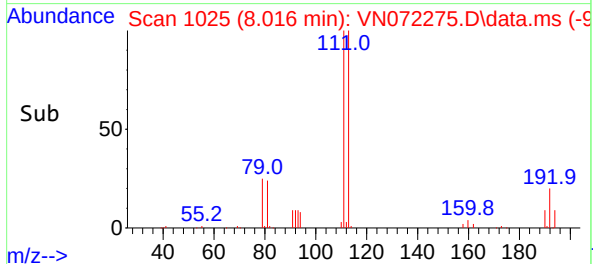
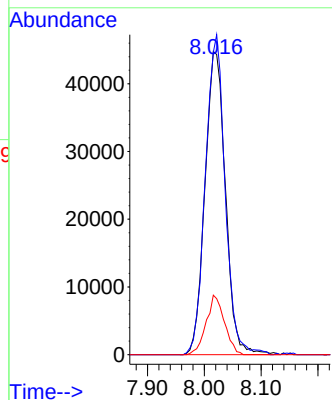


#35
Dibromofluoromethane
Concen: 53.652 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072275.D
Acq: 29 Apr 2022 17:22

Instrument :
MSVOA_N
ClientSampleId :
MW-6

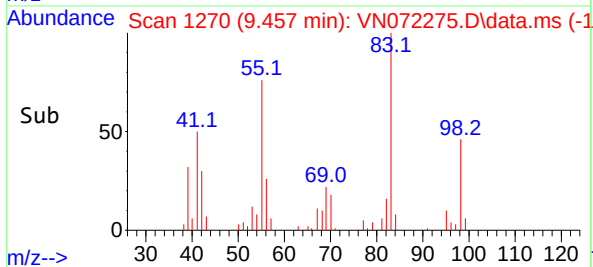
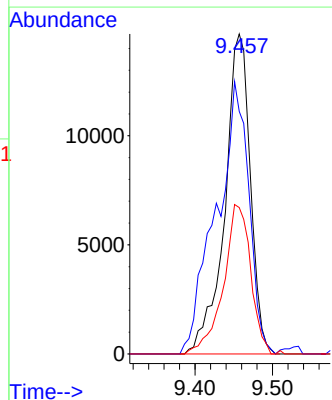
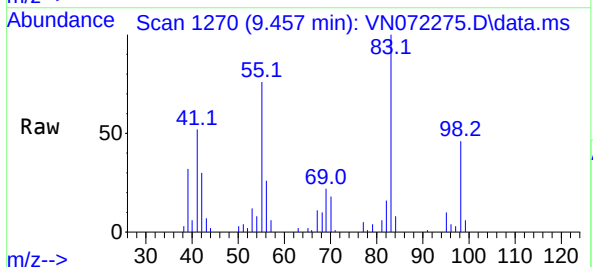


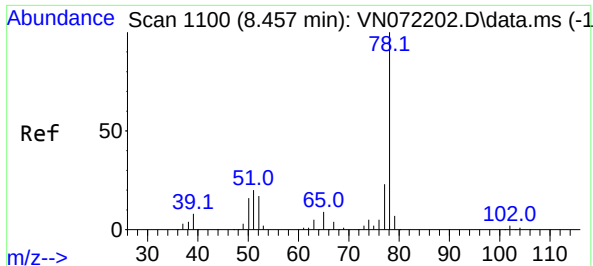
Tgt Ion:113 Resp: 112012
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.0
192 17.5 17.0 25.6



#39
Methylcyclohexane
Concen: 9.915 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN072275.D
Acq: 29 Apr 2022 17:22

Tgt Ion: 83 Resp: 33700
Ion Ratio Lower Upper
83 100
55 75.8 57.8 86.8
98 45.8 39.4 59.2

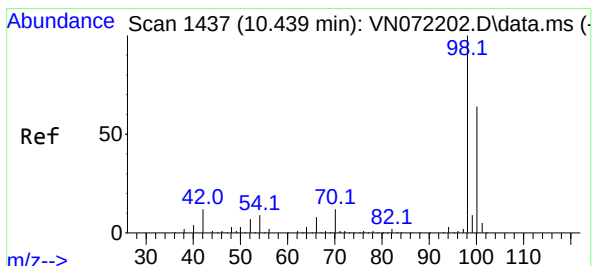
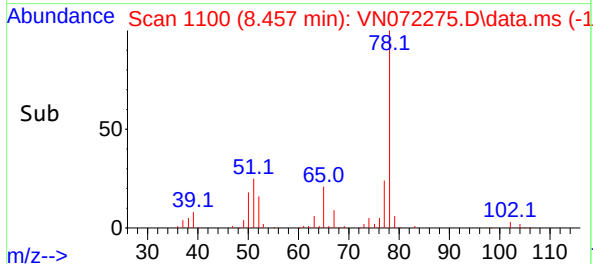
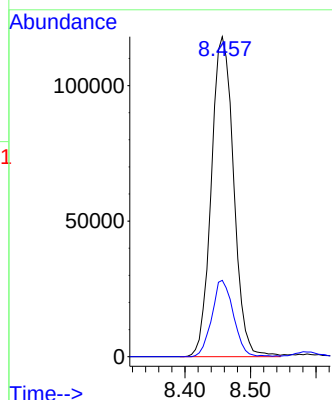
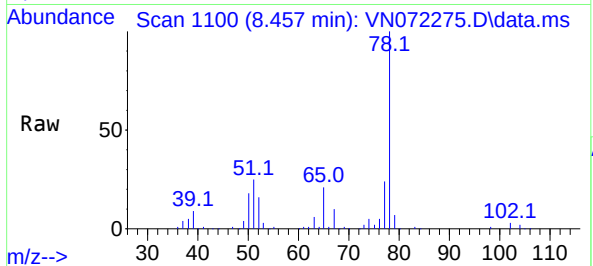




#40
Benzene
Concen: 29.629 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072275.D
Acq: 29 Apr 2022 17:22

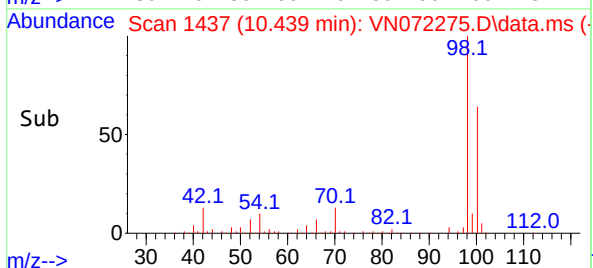
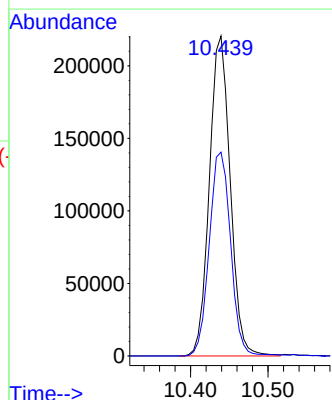
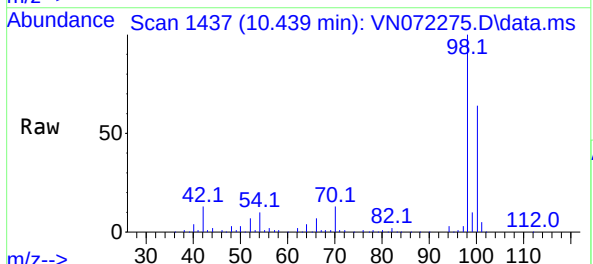
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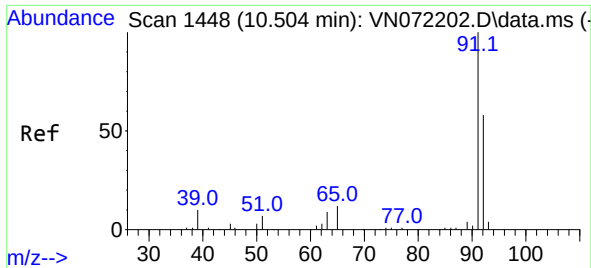
Tgt Ion: 78 Resp: 279281
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0



#50
Toluene-d8
Concen: 50.229 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072275.D
Acq: 29 Apr 2022 17:22

Tgt Ion: 98 Resp: 412064
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8

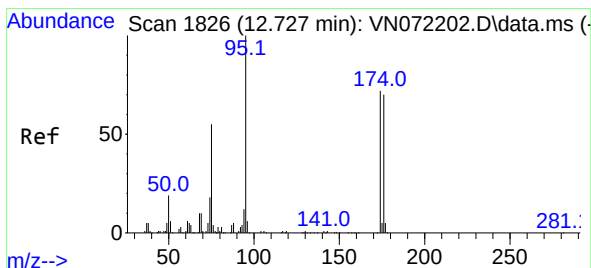
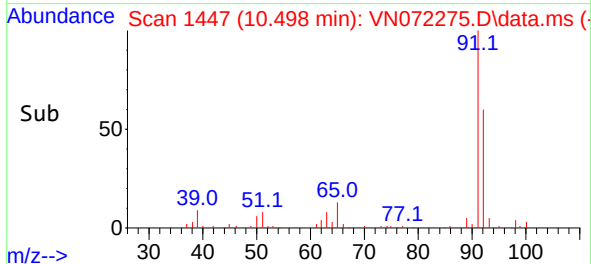
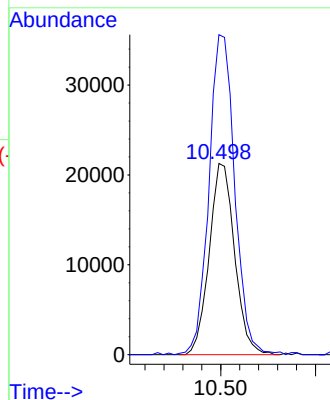
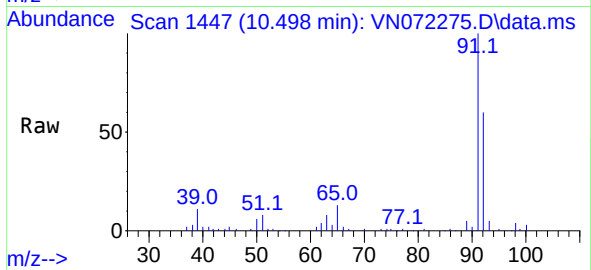




#52
Toluene
Concen: 7.019 ug/l
RT: 10.498 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VN072275.D
Acq: 29 Apr 2022 17:22

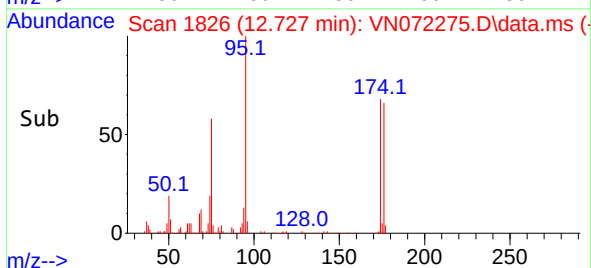
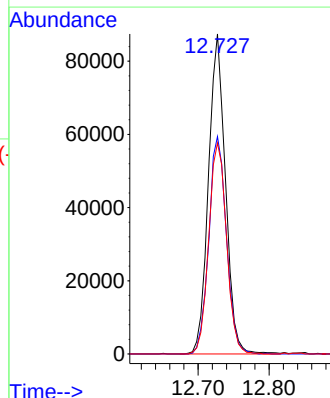
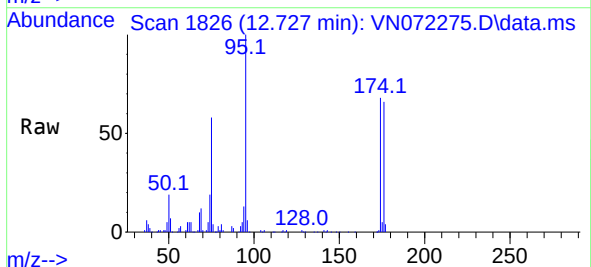
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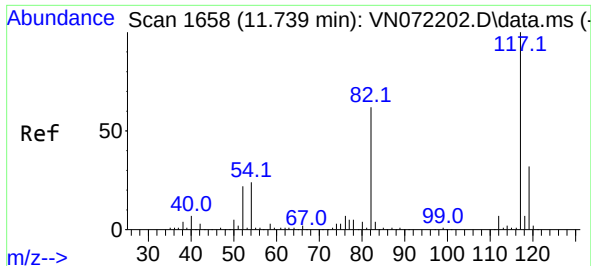
Tgt Ion: 92 Resp: 39551
Ion Ratio Lower Upper
92 100
91 170.1 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 53.356 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072275.D
Acq: 29 Apr 2022 17:22

Tgt Ion: 95 Resp: 145287
Ion Ratio Lower Upper
95 100
174 70.3 0.0 167.6
176 68.9 0.0 163.4

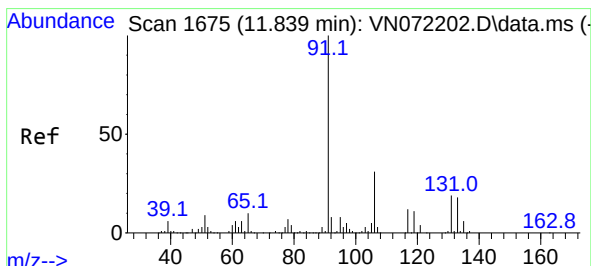
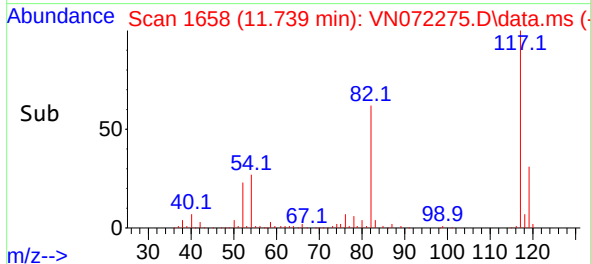
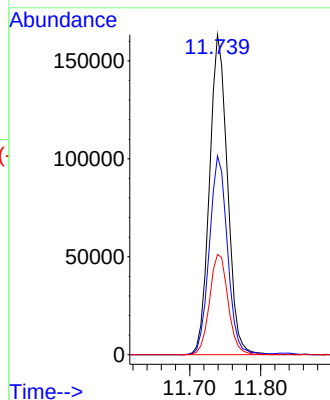
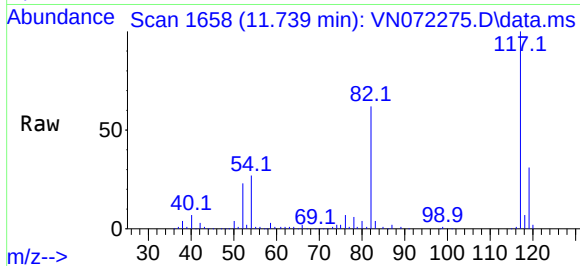




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072275.D
Acq: 29 Apr 2022 17:22

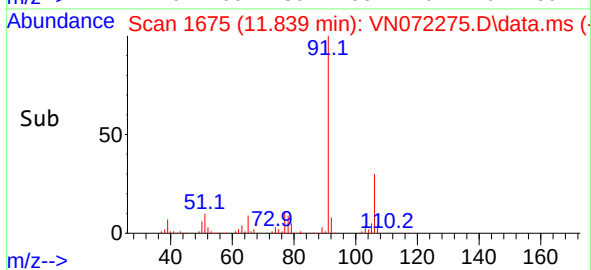
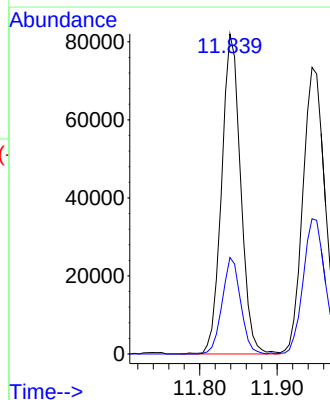
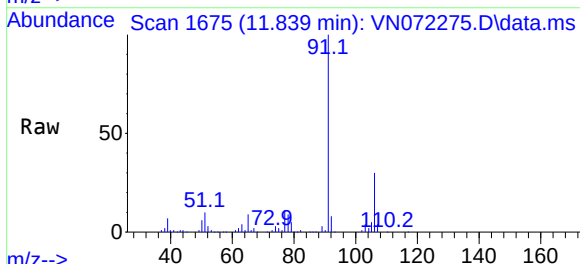
Instrument :
MSVOA_N
ClientSampleId :
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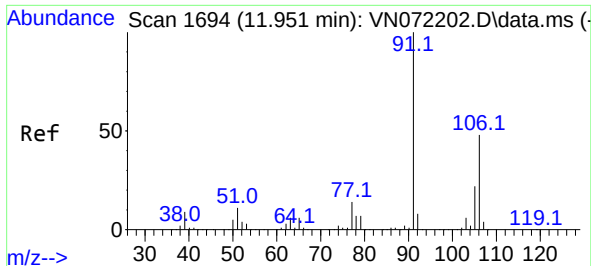
Tgt Ion:117 Resp: 287013
Ion Ratio Lower Upper
117 100
82 62.1 44.2 66.2
119 31.3 25.4 38.0



#67
Ethyl Benzene
Concen: 13.854 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072275.D
Acq: 29 Apr 2022 17:22

Tgt Ion: 91 Resp: 140111
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3

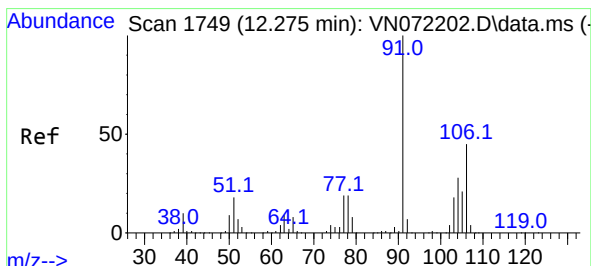
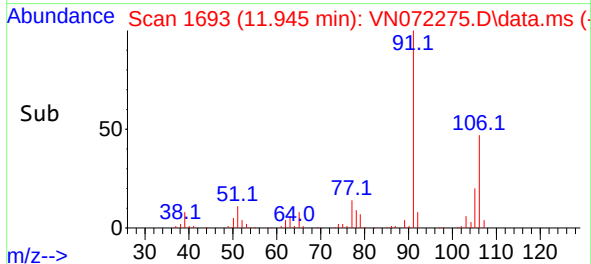
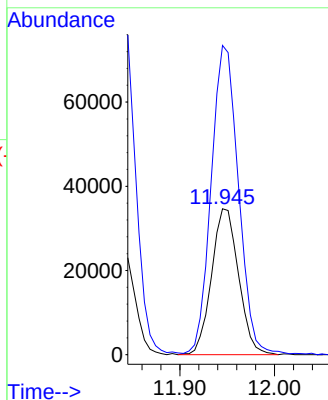
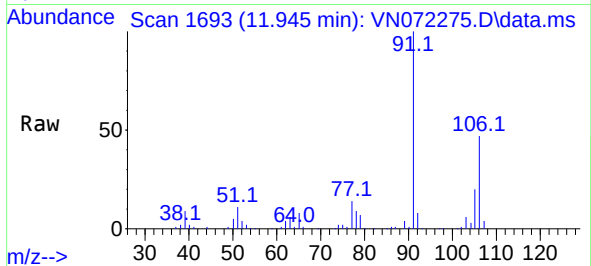




#68
m/p-Xylenes
Concen: 18.264 ug/l
RT: 11.945 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VN072275.D
Acq: 29 Apr 2022 17:22

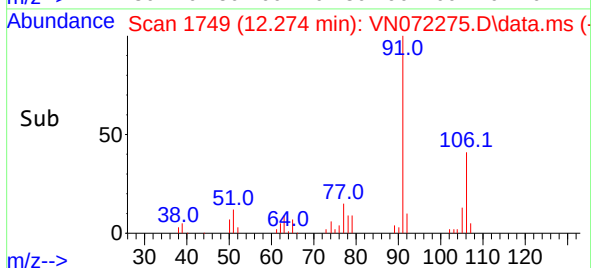
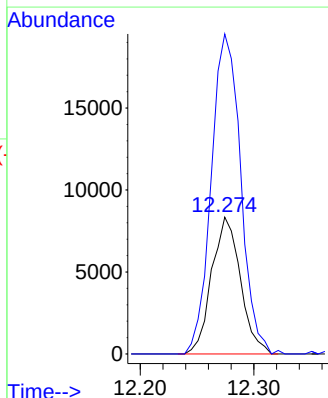
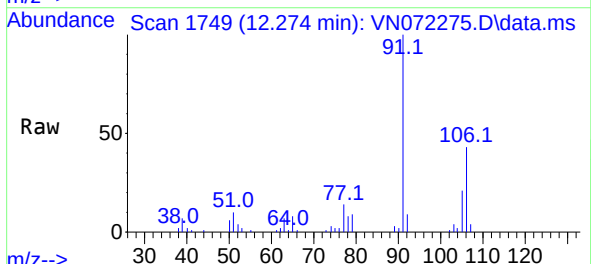
Instrument :
MSVOA_N
ClientSampleId :
MW-6

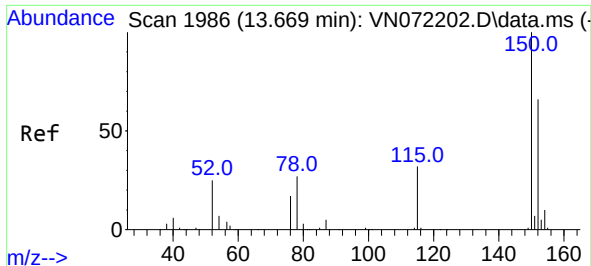
Tgt Ion:106 Resp: 68590
Ion Ratio Lower Upper
106 100
91 214.9 158.9 238.3



#69
o-Xylene
Concen: 4.040 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072275.D
Acq: 29 Apr 2022 17:22

Tgt Ion:106 Resp: 14708
Ion Ratio Lower Upper
106 100
91 238.8 106.0 318.0

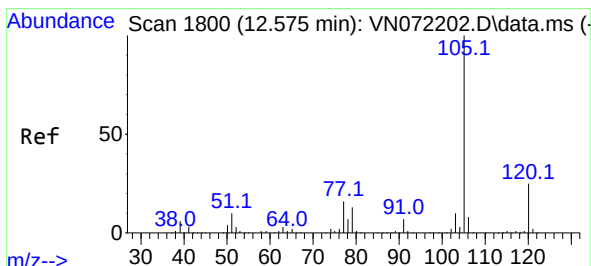
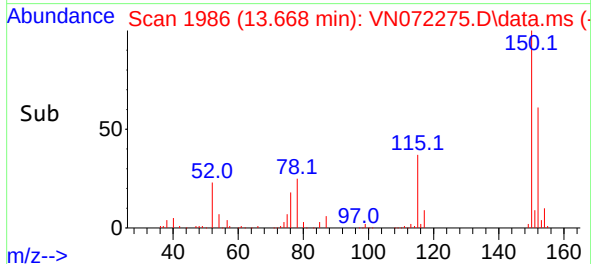
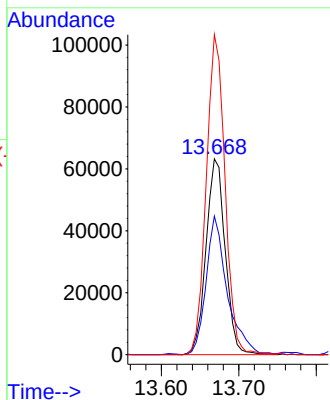
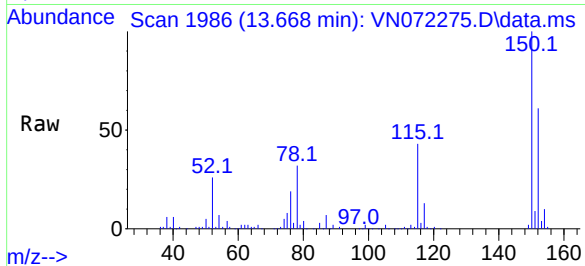




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072275.D
Acq: 29 Apr 2022 17:22

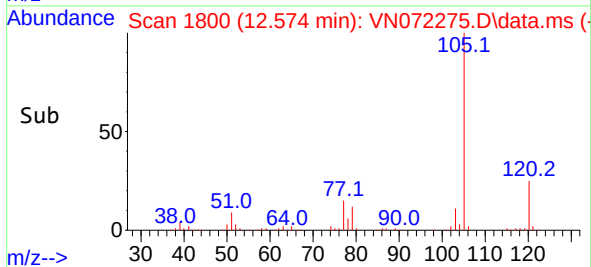
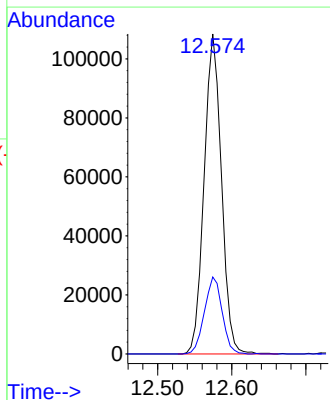
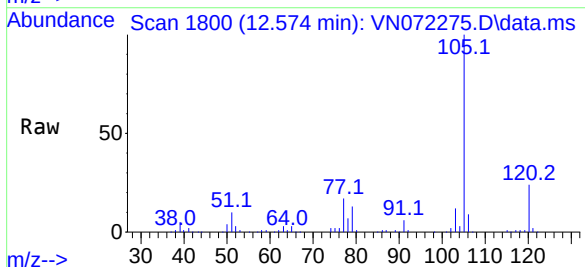
Instrument :
MSVOA_N
ClientSampleId :
MW-6

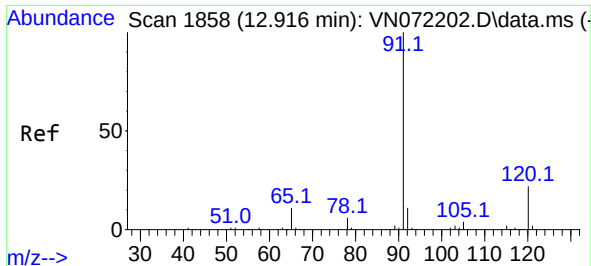
Tgt Ion:152 Resp: 108951
Ion Ratio Lower Upper
152 100
115 78.1 28.9 86.7
150 159.8 0.0 356.2



#73
Isopropylbenzene
Concen: 18.286 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072275.D
Acq: 29 Apr 2022 17:22

Tgt Ion:105 Resp: 175955
Ion Ratio Lower Upper
105 100
120 24.6 13.5 40.4

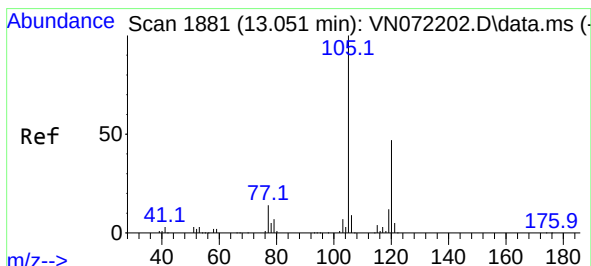
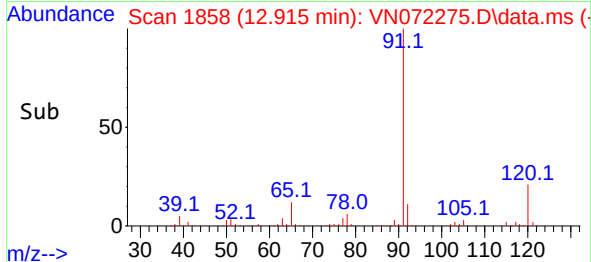
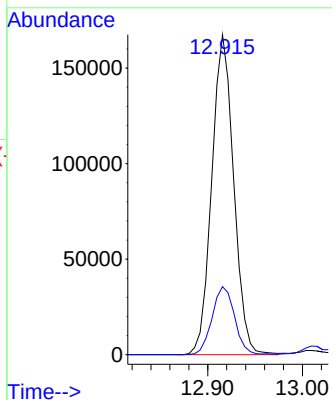
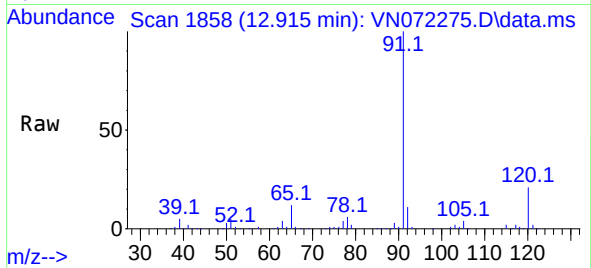




#78
n-propylbenzene
Concen: 25.423 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072275.D
Acq: 29 Apr 2022 17:22

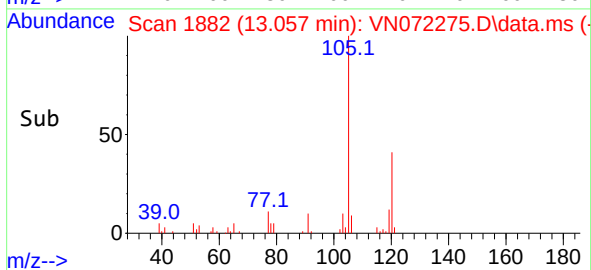
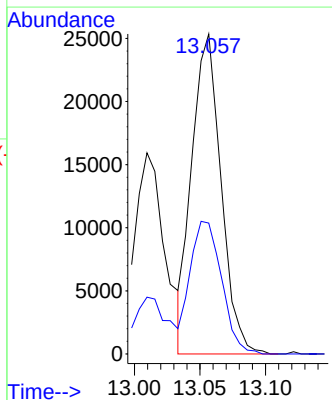
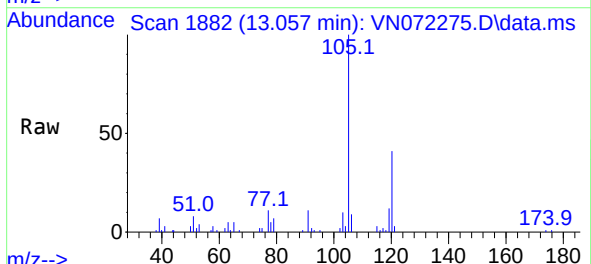
Instrument :
MSVOA_N
ClientSampleId :
MW-6

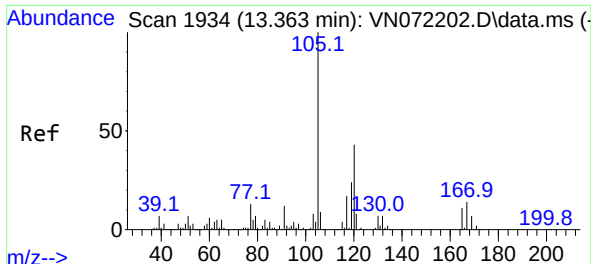
Tgt Ion: 91 Resp: 269503
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 4.908 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072275.D
Acq: 29 Apr 2022 17:22

Tgt Ion: 105 Resp: 39332
Ion Ratio Lower Upper
105 100
120 44.7 24.9 74.7

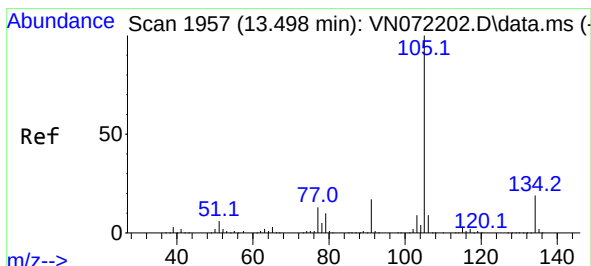
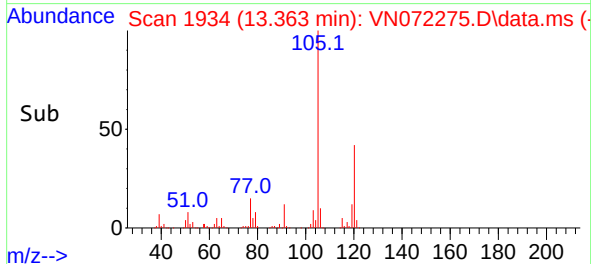
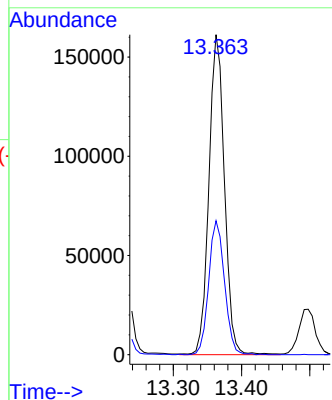
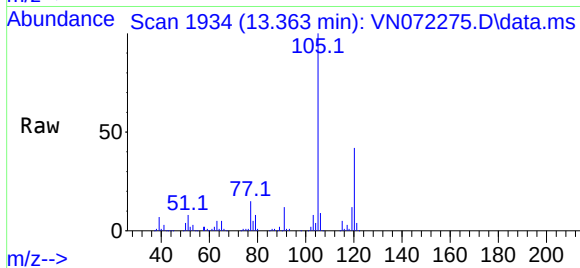




#84
1,2,4-Trimethylbenzene
Concen: 32.931 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072275.D
Acq: 29 Apr 2022 17:22

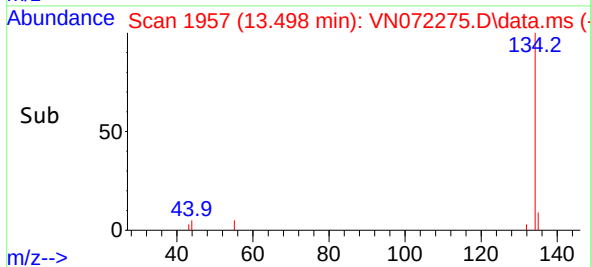
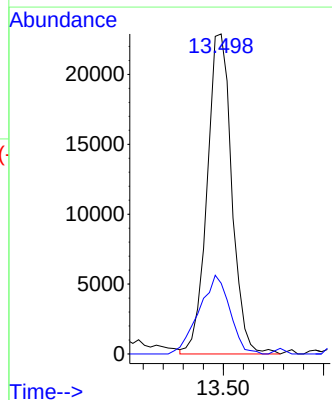
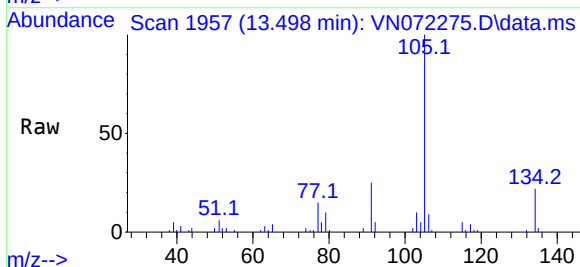
Instrument :
MSVOA_N
ClientSampleId :
MW-6

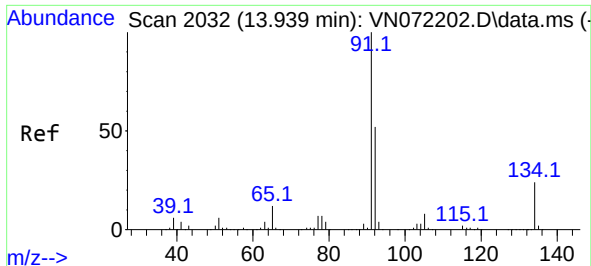
Tgt Ion:105 Resp: 255339
Ion Ratio Lower Upper
105 100
120 42.6 23.3 69.8



#85
sec-Butylbenzene
Concen: 4.269 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072275.D
Acq: 29 Apr 2022 17:22

Tgt Ion:105 Resp: 39156
Ion Ratio Lower Upper
105 100
134 30.6 10.4 31.1





#89

n-Butylbenzene

Concen: 1.871 ug/l

RT: 13.933 min Scan# 2032

Delta R.T. -0.006 min

Lab File: VN072275.D

Acq: 29 Apr 2022 17:22

Instrument :

MSVOA_N

ClientSampleId :

MW-6

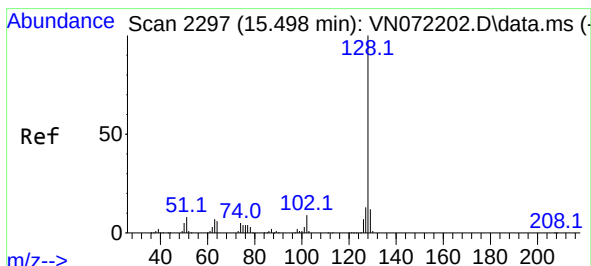
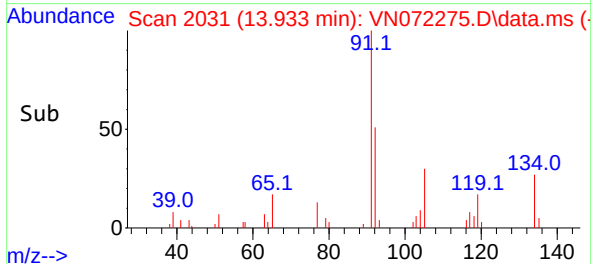
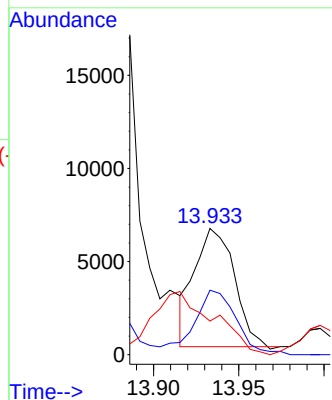
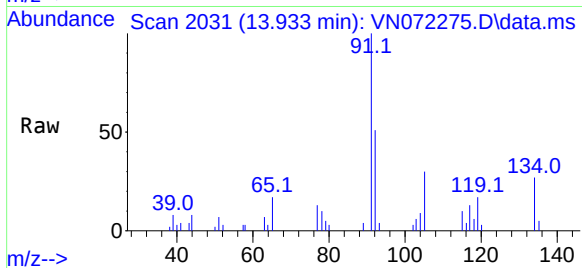
Tgt Ion: 91 Resp: 10249

Ion Ratio Lower Upper

91 100

92 57.9 26.9 80.7

134 83.6 13.6 40.8#



#95

Naphthalene

Concen: 46.255 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VN072275.D

Acq: 29 Apr 2022 17:22

Tgt Ion:128 Resp: 259031

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.2 8.6 13.0

