

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042922\
 Data File : VN072269.D
 Acq On : 29 Apr 2022 14:58
 Operator : JC\MD
 Sample : N2617-18DL 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

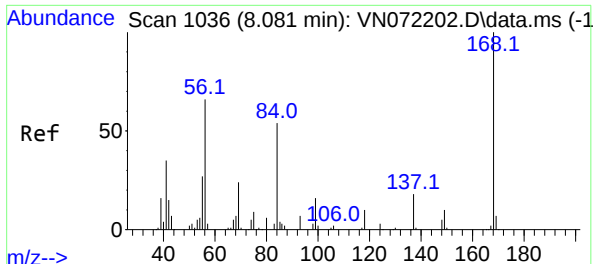
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24DL

Quant Time: Apr 30 03:14:06 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	203641	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	348346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	301602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	108688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	176107	56.330	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.660%			
35) Dibromofluoromethane	8.016	113	114223	51.230	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.460%			
50) Toluene-d8	10.439	98	424513	48.455	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.900%			
62) 4-Bromofluorobenzene	12.727	95	140416	48.287	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.580%			
Target Compounds						
						Qvalue
31) Cyclohexane	8.086	56	12850	3.076	ug/l	# 65
39) Methylcyclohexane	9.451	83	4962	1.367	ug/l	93
40) Benzene	8.451	78	4832	0.480	ug/l	# 85
52) Toluene	10.504	92	25526	4.242	ug/l	95
67) Ethyl Benzene	11.839	91	507070	47.713	ug/l	96
68) m/p-Xylenes	11.945	106	323851	82.062	ug/l	89
69) o-Xylene	12.274	106	20307	5.308	ug/l	86
73) Isopropylbenzene	12.574	105	17065	1.778	ug/l	93
78) n-propylbenzene	12.916	91	53155	5.026	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	52758	6.599	ug/l	92
84) 1,2,4-Trimethylbenzene	13.363	105	254195	32.863	ug/l	93
95) Naphthalene	15.504	128	28615	8.945	ug/l	98

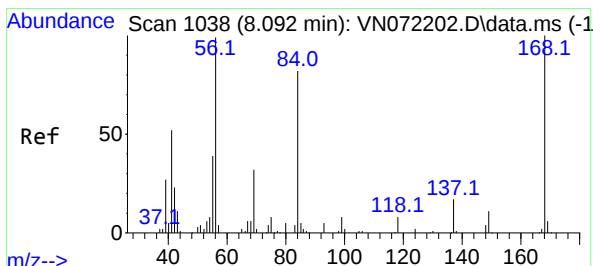
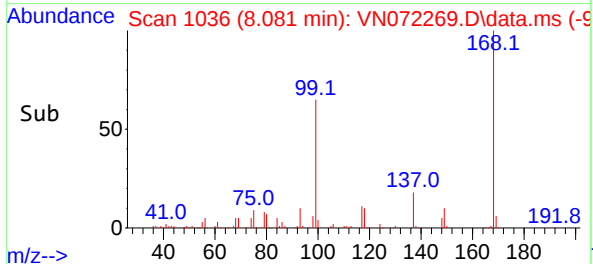
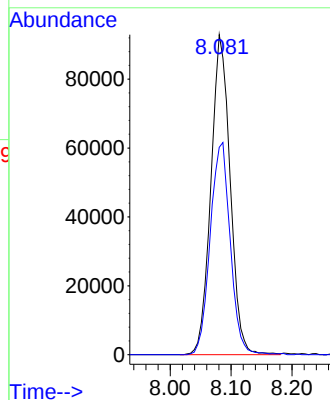
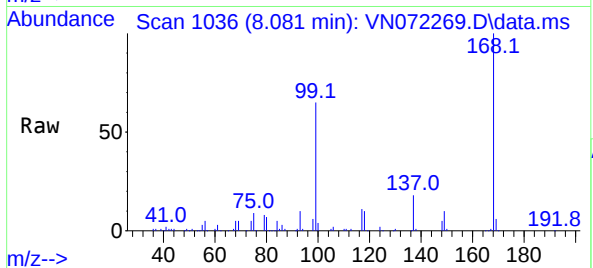
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072269.D
Acq: 29 Apr 2022 14:58

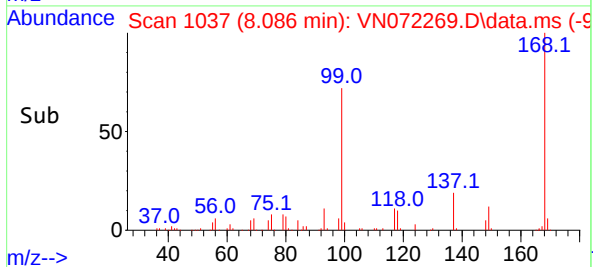
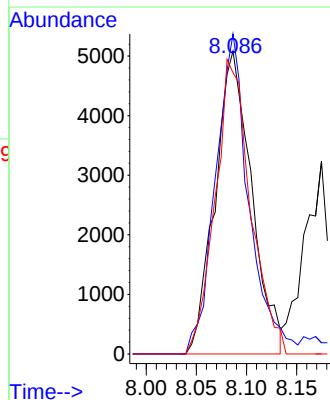
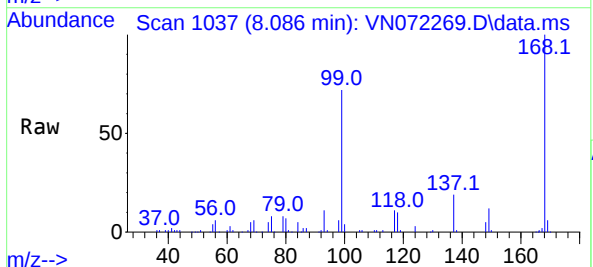
Instrument :
MSVOA_N
ClientSampleId :
MW-24DL

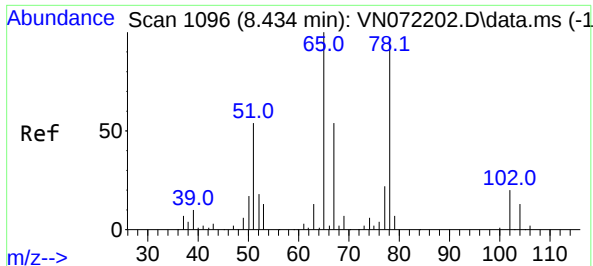
Tgt Ion:168 Resp: 203641
Ion Ratio Lower Upper
168 100
99 64.8 42.3 63.5#



#31
Cyclohexane
Concen: 3.076 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072269.D
Acq: 29 Apr 2022 14:58

Tgt Ion: 56 Resp: 12850
Ion Ratio Lower Upper
56 100
69 105.6 27.8 41.8#
84 92.8 76.9 115.3

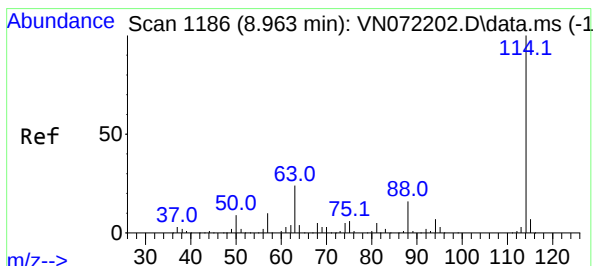
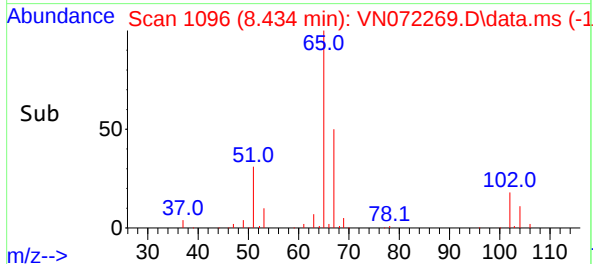
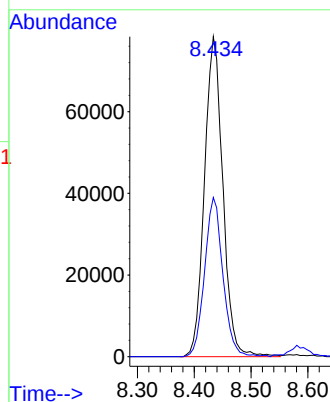
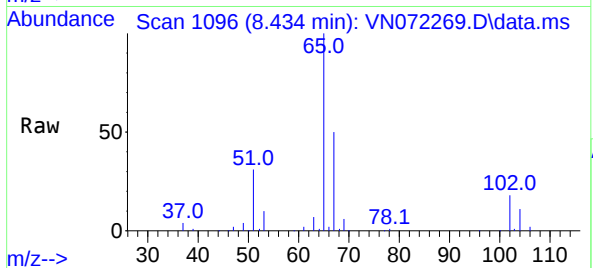




#33
1,2-Dichloroethane-d4
Concen: 56.330 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072269.D
Acq: 29 Apr 2022 14:58

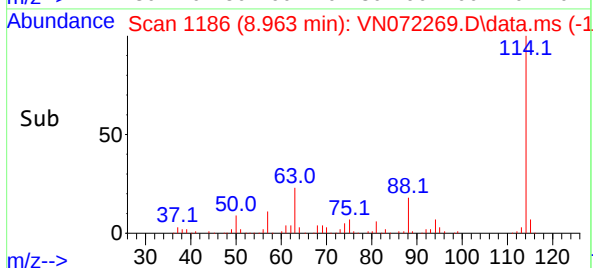
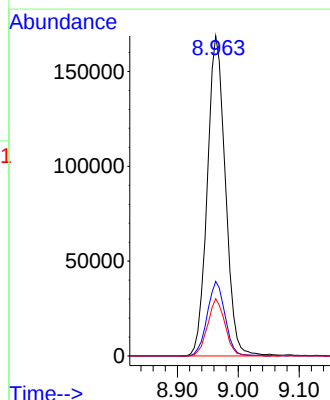
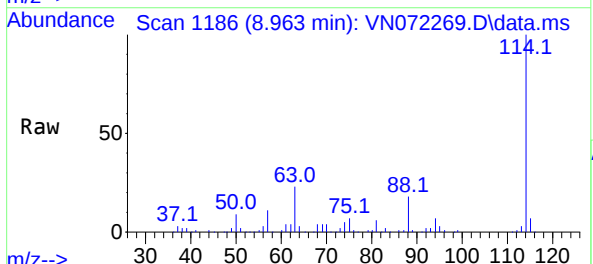
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MSVOA_N
ClientSampleId :
MW-24DL

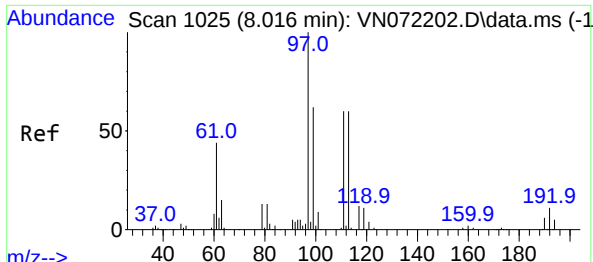
Tgt Ion: 65 Resp: 176107
Ion Ratio Lower Upper
65 100
67 49.5 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072269.D
Acq: 29 Apr 2022 14:58

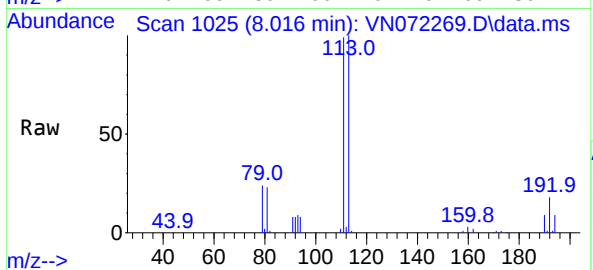
Tgt Ion: 114 Resp: 348346
Ion Ratio Lower Upper
114 100
63 23.3 0.0 40.0
88 17.9 0.0 32.6



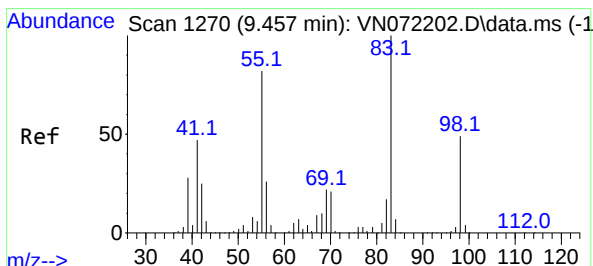
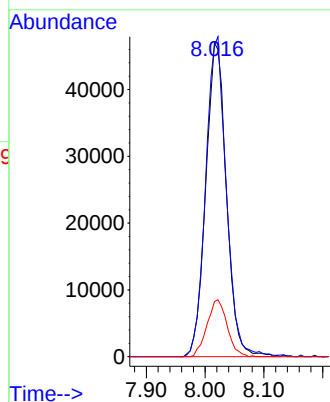
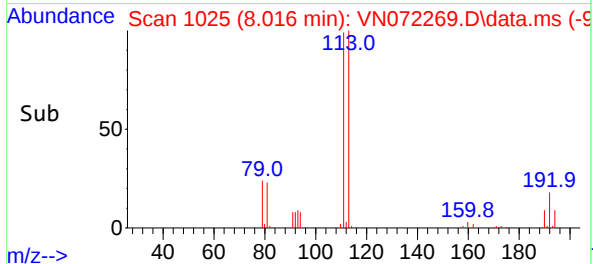


#35
Dibromofluoromethane
Concen: 51.230 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072269.D
Acq: 29 Apr 2022 14:58

Instrument :
MSVOA_N
ClientSampleId :
MW-24DL

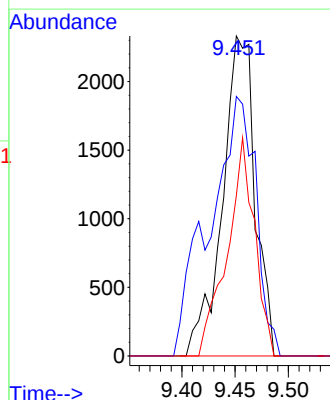
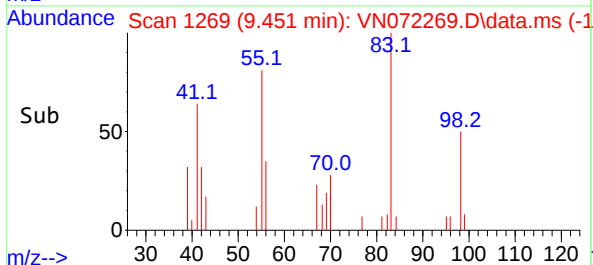
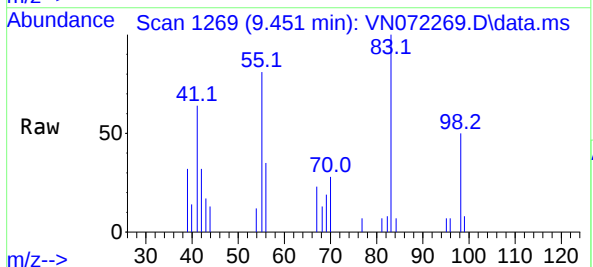


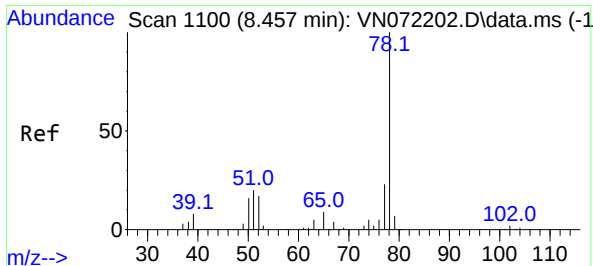
Tgt Ion:113 Resp: 114223
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 17.7 17.0 25.6



#39
Methylcyclohexane
Concen: 1.367 ug/l
RT: 9.451 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VN072269.D
Acq: 29 Apr 2022 14:58

Tgt Ion: 83 Resp: 4962
Ion Ratio Lower Upper
83 100
55 81.1 57.8 86.8
98 50.1 39.4 59.2

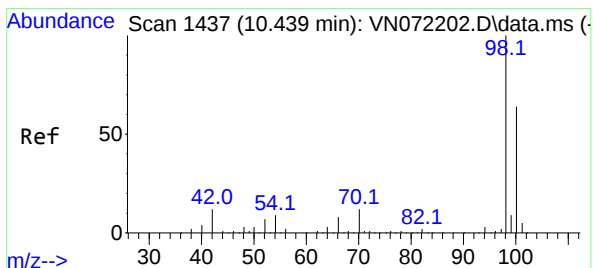
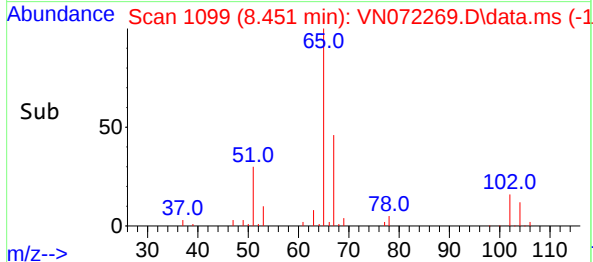
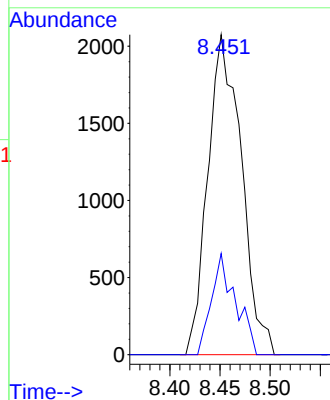
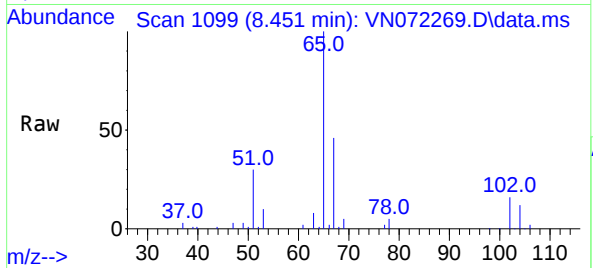




#40
Benzene
Concen: 0.480 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VN072269.D
Acq: 29 Apr 2022 14:58

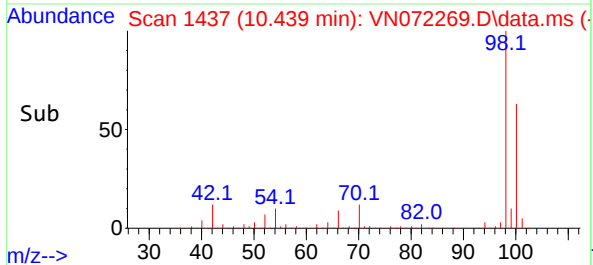
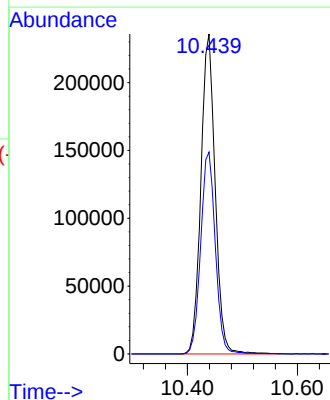
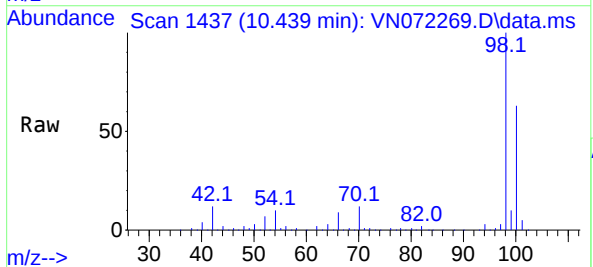
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ClientSampleId :
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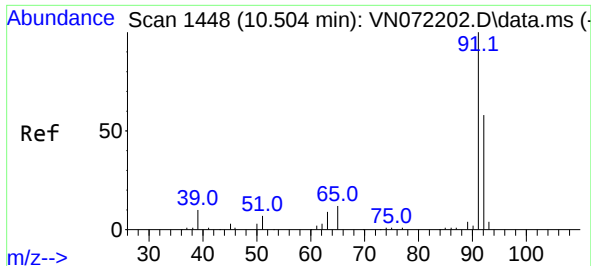
Tgt Ion: 78 Resp: 4832
Ion Ratio Lower Upper
78 100
77 31.6 19.4 29.0#



#50
Toluene-d8
Concen: 48.455 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072269.D
Acq: 29 Apr 2022 14:58

Tgt Ion: 98 Resp: 424513
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

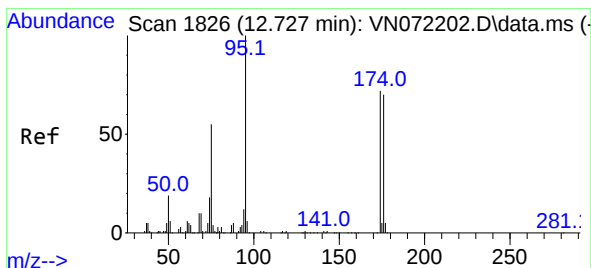
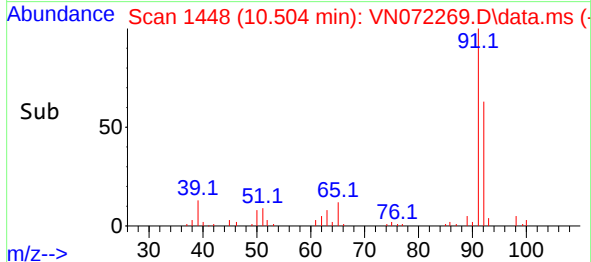
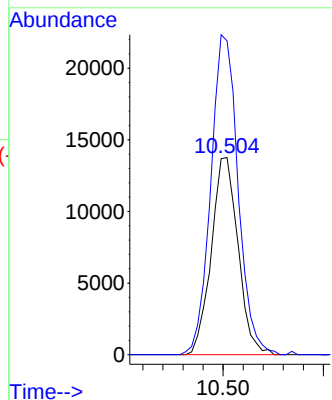
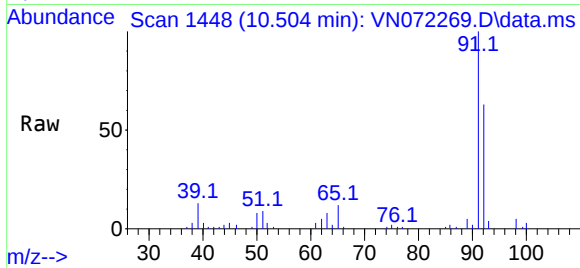




#52
Toluene
Concen: 4.242 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072269.D
Acq: 29 Apr 2022 14:58

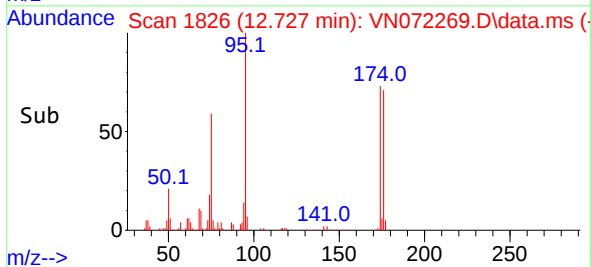
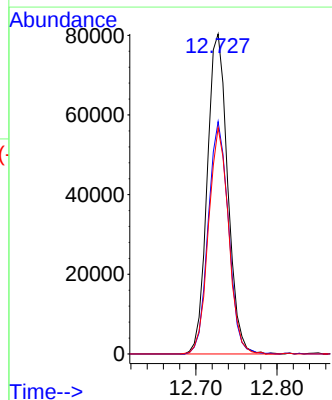
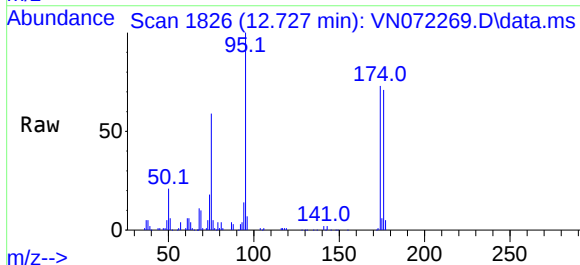
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ClientSampleId :
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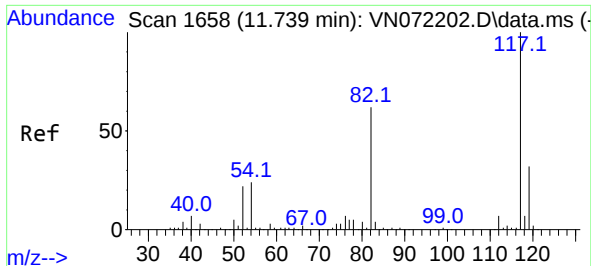
Tgt Ion: 92 Resp: 25526
Ion Ratio Lower Upper
92 100
91 165.6 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 48.287 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072269.D
Acq: 29 Apr 2022 14:58

Tgt Ion: 95 Resp: 140416
Ion Ratio Lower Upper
95 100
174 71.8 0.0 167.6
176 69.3 0.0 163.4

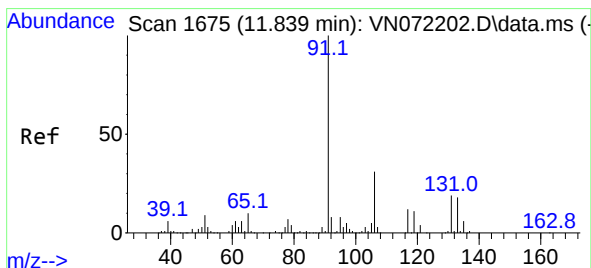
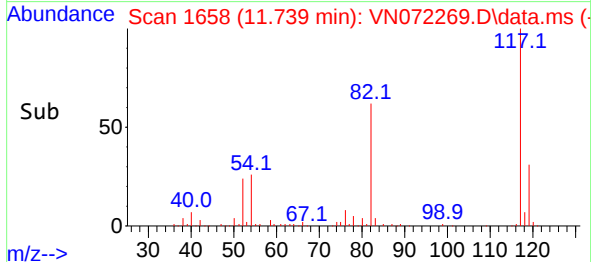
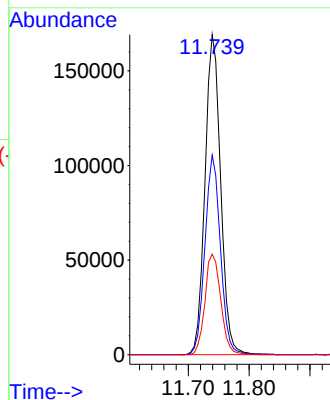
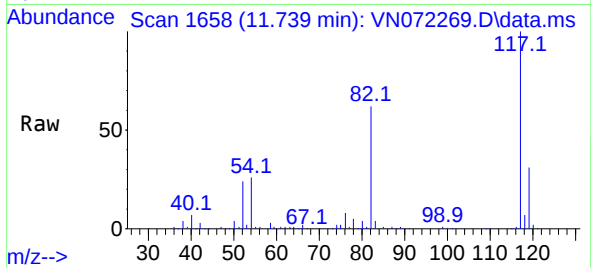




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072269.D
Acq: 29 Apr 2022 14:58

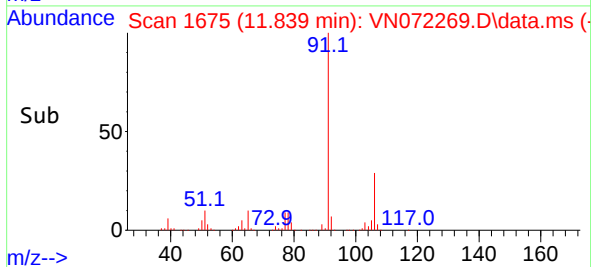
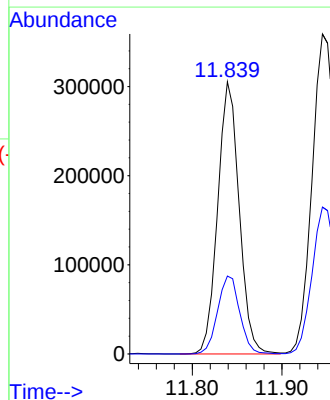
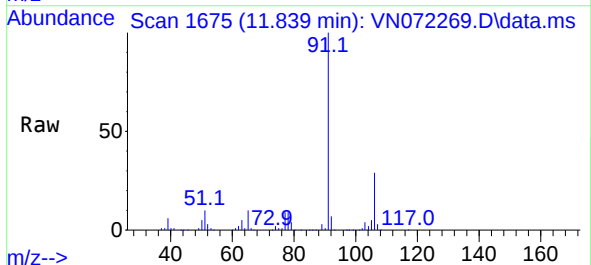
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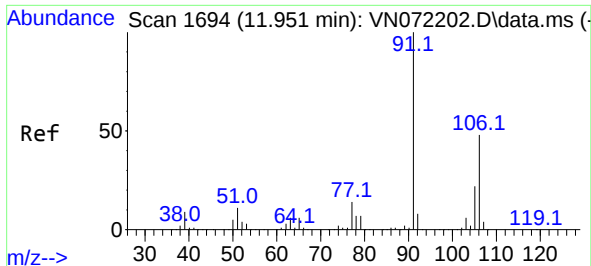
Tgt Ion:117 Resp: 301602
Ion Ratio Lower Upper
117 100
82 62.3 44.2 66.2
119 31.4 25.4 38.0



#67
Ethyl Benzene
Concen: 47.713 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072269.D
Acq: 29 Apr 2022 14:58

Tgt Ion: 91 Resp: 507070
Ion Ratio Lower Upper
91 100
106 28.7 24.9 37.3

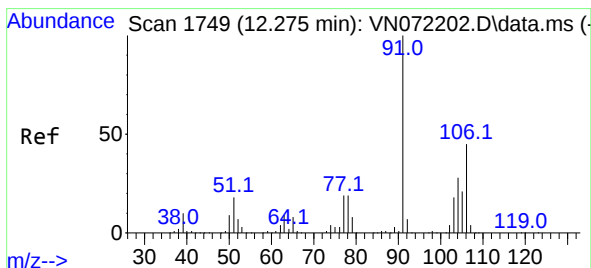
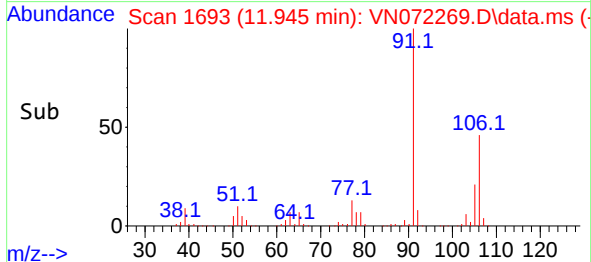
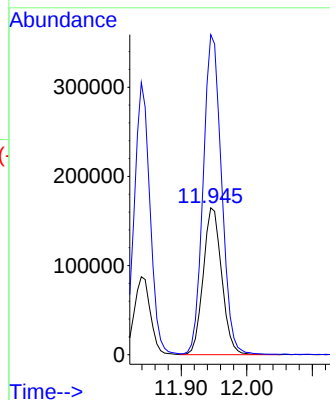
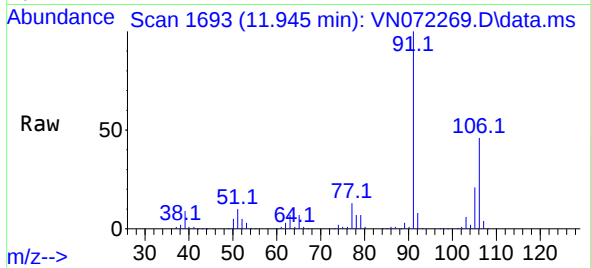




#68
m/p-Xylenes
Concen: 82.062 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072269.D
Acq: 29 Apr 2022 14:58

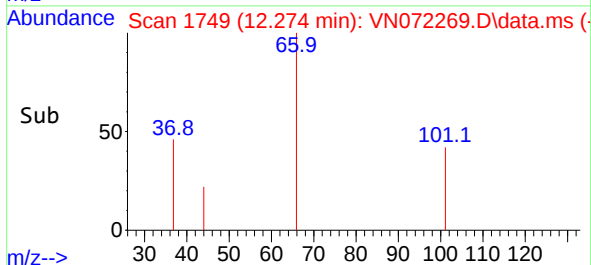
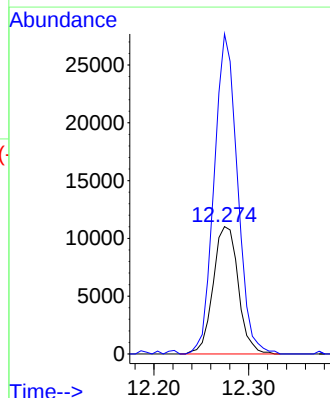
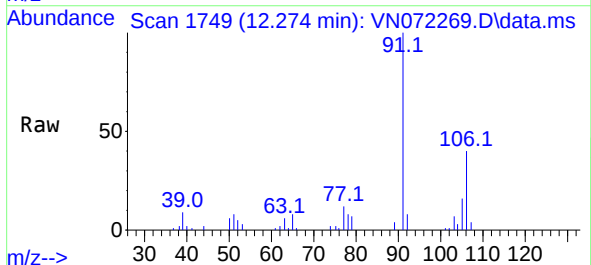
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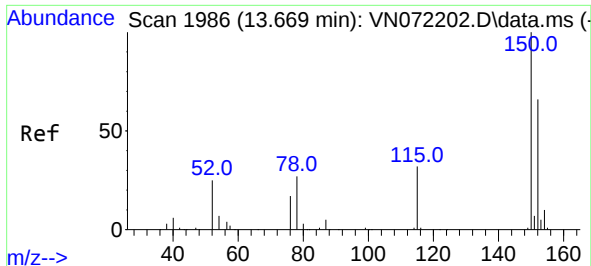
Tgt Ion:106 Resp: 323851
Ion Ratio Lower Upper
106 100
91 215.8 158.9 238.3



#69
o-Xylene
Concen: 5.308 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072269.D
Acq: 29 Apr 2022 14:58

Tgt Ion:106 Resp: 20307
Ion Ratio Lower Upper
106 100
91 233.4 106.0 318.0

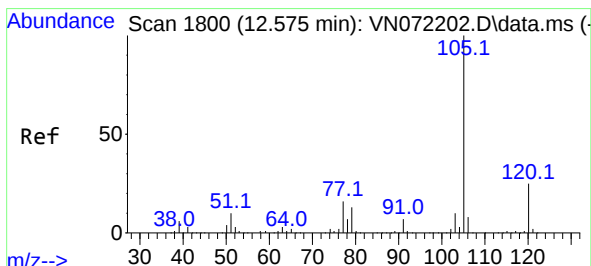
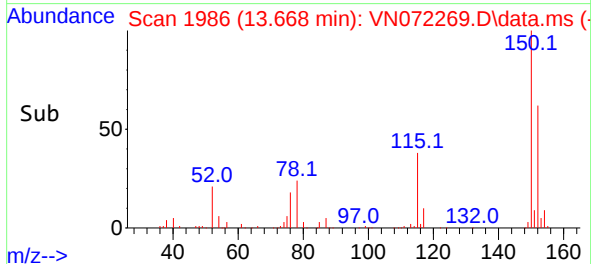
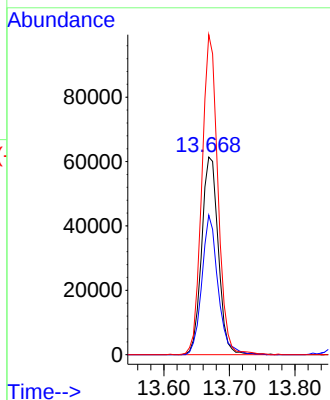
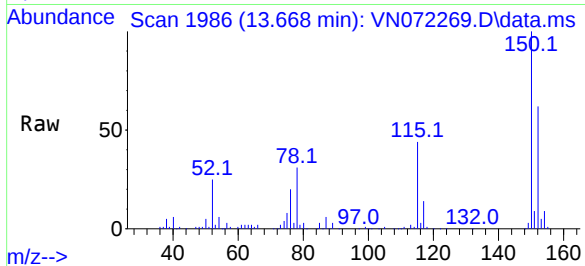




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072269.D
Acq: 29 Apr 2022 14:58

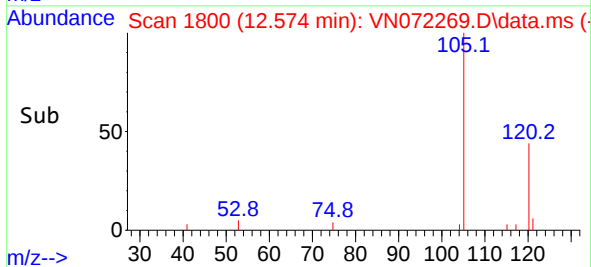
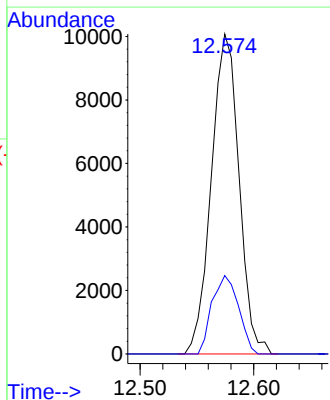
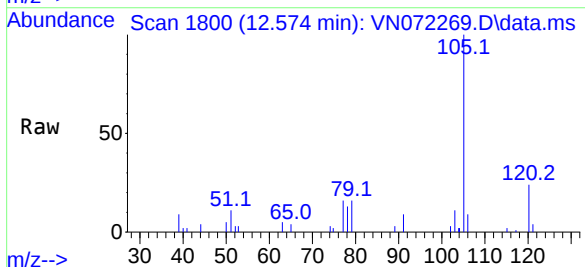
Instrument :
MSVOA_N
ClientSampleId :
MW-24DL

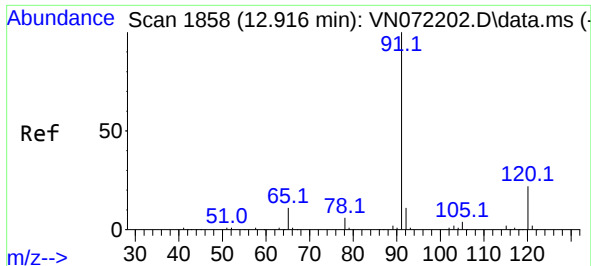
Tgt Ion:152 Resp: 108688
Ion Ratio Lower Upper
152 100
115 68.5 28.9 86.7
150 155.9 0.0 356.2



#73
Isopropylbenzene
Concen: 1.778 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072269.D
Acq: 29 Apr 2022 14:58

Tgt Ion:105 Resp: 17065
Ion Ratio Lower Upper
105 100
120 23.4 13.5 40.4

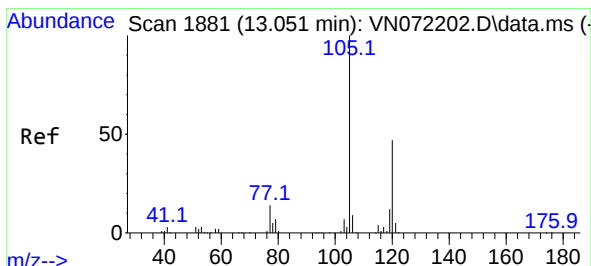
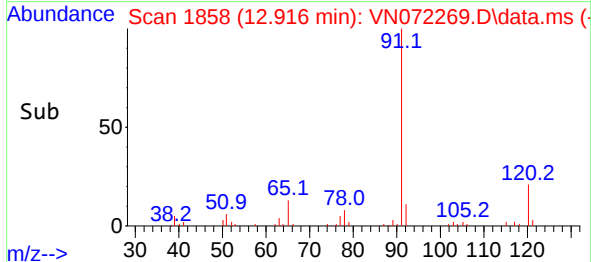
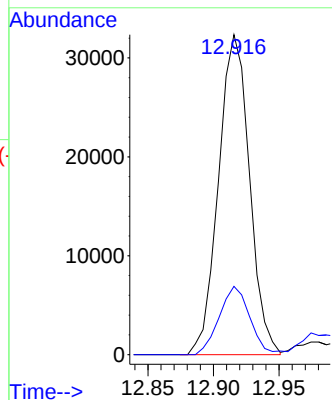
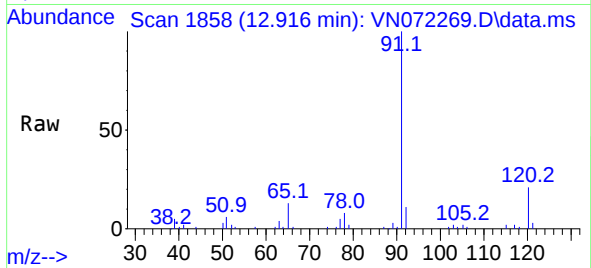




#78
n-propylbenzene
Concen: 5.026 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072269.D
Acq: 29 Apr 2022 14:58

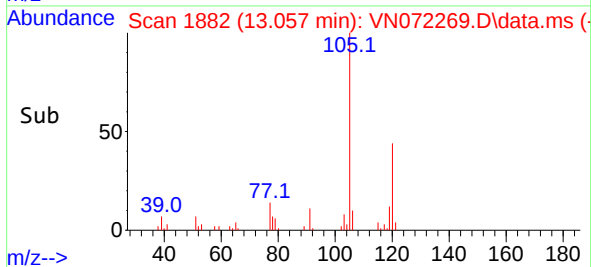
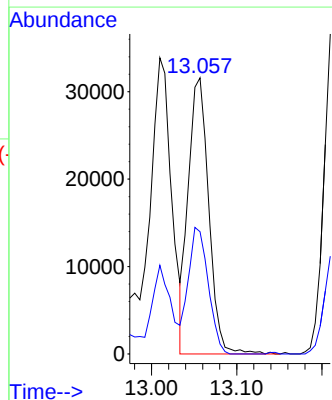
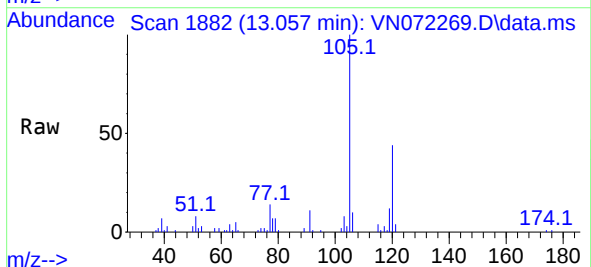
Instrument :
MSVOA_N
ClientSampleId :
MW-24DL

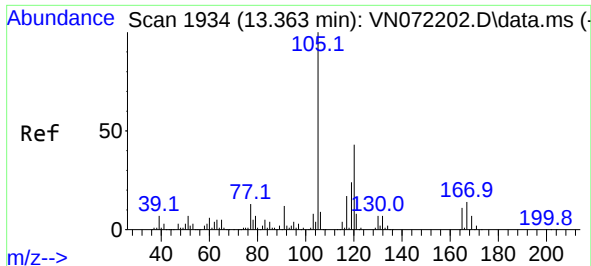
Tgt Ion: 91 Resp: 53155
Ion Ratio Lower Upper
91 100
120 20.9 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 6.599 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072269.D
Acq: 29 Apr 2022 14:58

Tgt Ion: 105 Resp: 52758
Ion Ratio Lower Upper
105 100
120 44.6 24.9 74.7

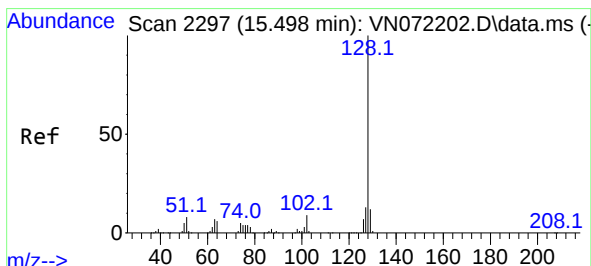
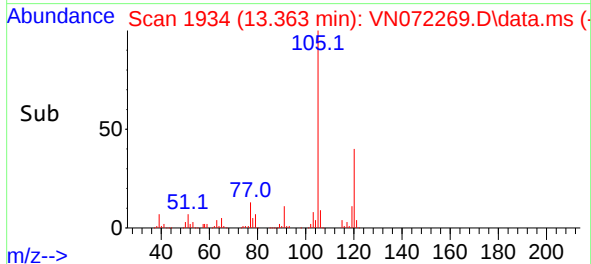
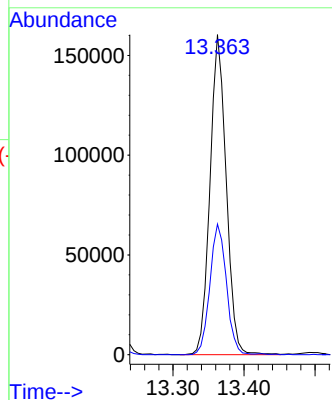
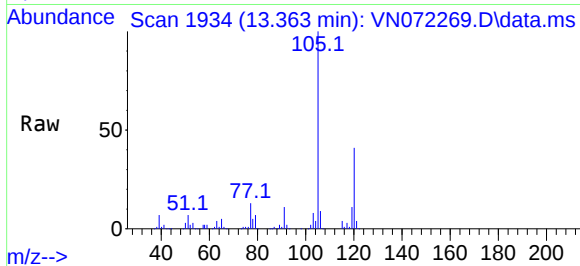




#84
1,2,4-Trimethylbenzene
Concen: 32.863 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072269.D
Acq: 29 Apr 2022 14:58

Instrument :
MSVOA_N
ClientSampleId :
MW-24DL

Tgt Ion:105 Resp: 254195
Ion Ratio Lower Upper
105 100
120 41.6 23.3 69.8



#95
Naphthalene
Concen: 8.945 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072269.D
Acq: 29 Apr 2022 14:58

Tgt Ion:128 Resp: 28615
Ion Ratio Lower Upper
128 100
127 14.4 10.3 15.5
129 10.9 8.6 13.0

