

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
 Data File : VN072123.D
 Acq On : 21 Apr 2022 14:21
 Operator : JC\MD
 Sample : N2482-11DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

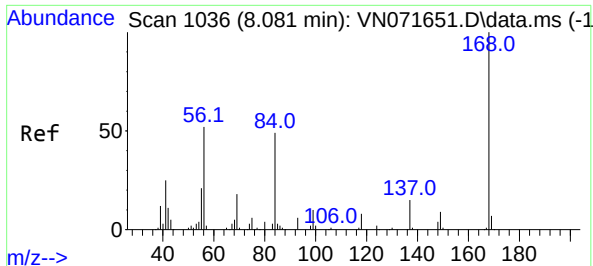
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9RDL

Quant Time: Apr 22 01:23:19 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	8.080	168	439302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	681764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	608088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	212554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	276352	55.103	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.200%			
35) Dibromofluoromethane	8.022	113	236522	58.957	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 117.920%			
50) Toluene-d8	10.439	98	875882	53.371	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.740%			
62) 4-Bromofluorobenzene	12.727	95	262155	49.392	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.780%			
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	8156	3.805	ug/l #	86
31) Cyclohexane	8.092	56	26444	3.877	ug/l #	63
39) Methylcyclohexane	9.457	83	6969	1.045	ug/l #	75
40) Benzene	8.457	78	31879	1.801	ug/l	98
52) Toluene	10.504	92	81305	7.268	ug/l	97
67) Ethyl Benzene	11.839	91	498424	24.181	ug/l	99
68) m/p-Xylenes	11.951	106	231826	29.272	ug/l	98
69) o-Xylene	12.274	106	65636	8.350	ug/l	99
73) Isopropylbenzene	12.574	105	40047	2.236	ug/l	98
78) n-propylbenzene	12.915	91	99677	5.290	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	54747	3.858	ug/l	100
84) 1,2,4-Trimethylbenzene	13.362	105	321681	23.232	ug/l	100
95) Naphthalene	15.504	128	28606	6.534	ug/l	99

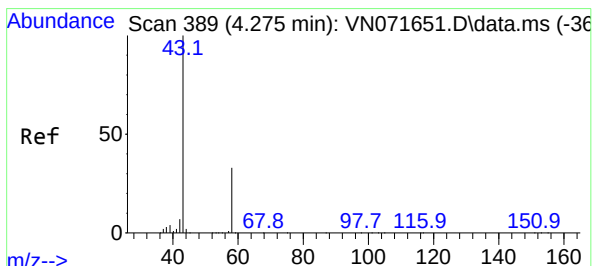
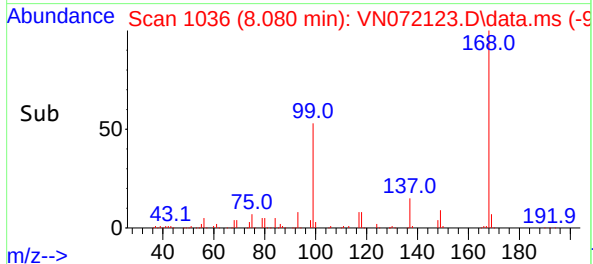
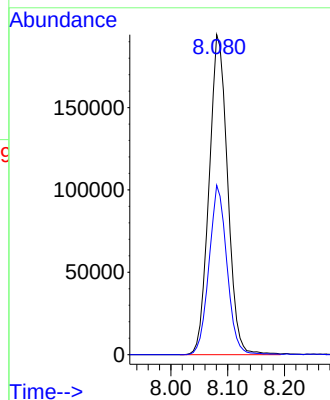
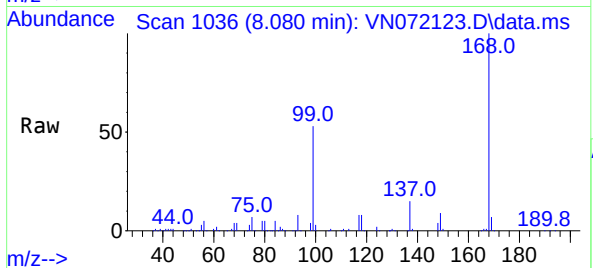
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072123.D
Acq: 21 Apr 2022 14:21

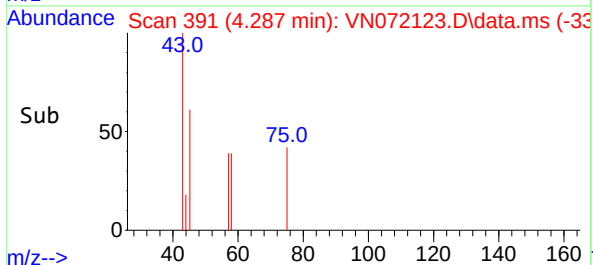
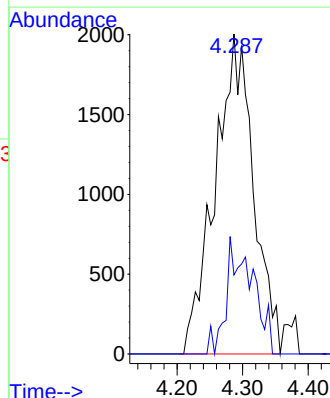
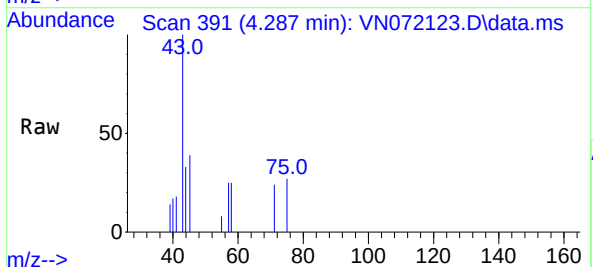
Instrument :
MSVOA_N
ClientSampleId :
MW-9RDL

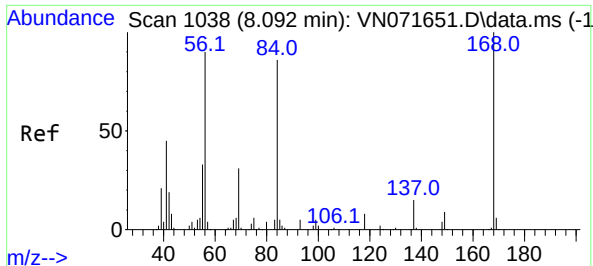
Tgt Ion:168 Resp: 439302
Ion Ratio Lower Upper
168 100
99 53.0 42.3 63.5



#16
Acetone
Concen: 3.805 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072123.D
Acq: 21 Apr 2022 14:21

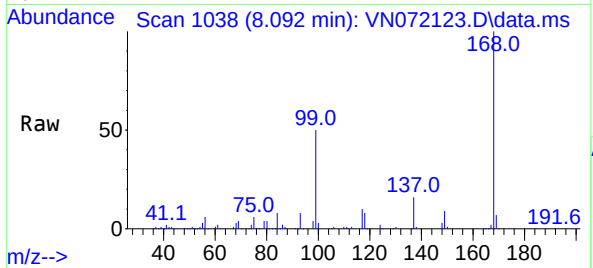
Tgt Ion: 43 Resp: 8156
Ion Ratio Lower Upper
43 100
58 24.7 26.0 39.0#



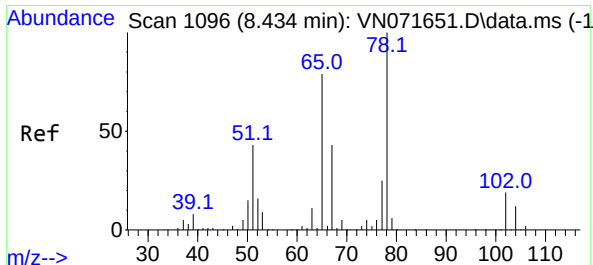
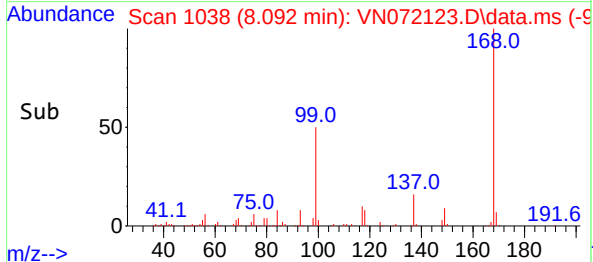
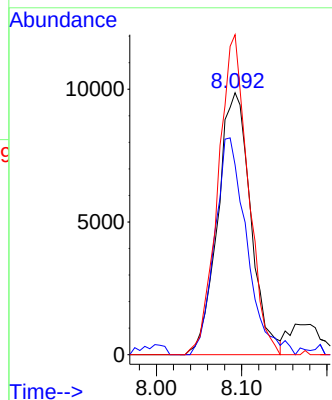


#31
Cyclohexane
Concen: 3.877 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072123.D
Acq: 21 Apr 2022 14:21

Instrument :
MSVOA_N
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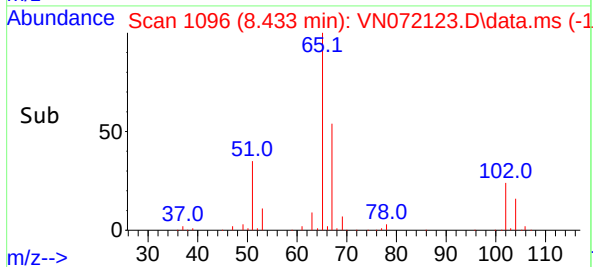
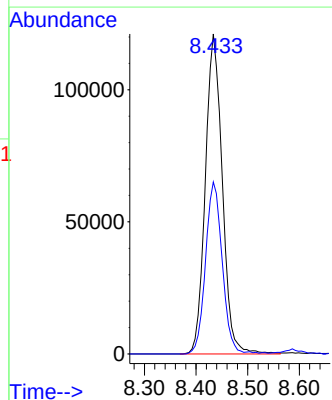
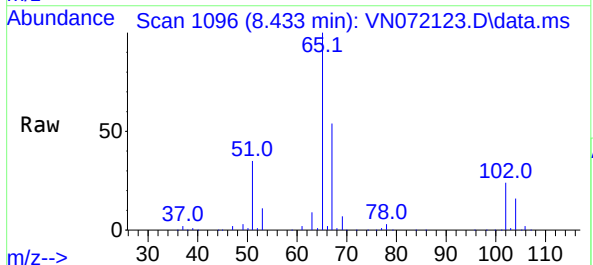


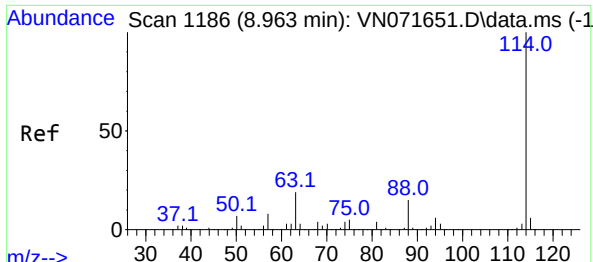
Tgt Ion: 56 Resp: 26444
Ion Ratio Lower Upper
56 100
69 72.4 27.8 41.8#
84 122.1 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 55.103 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072123.D
Acq: 21 Apr 2022 14:21

Tgt Ion: 65 Resp: 276352
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8

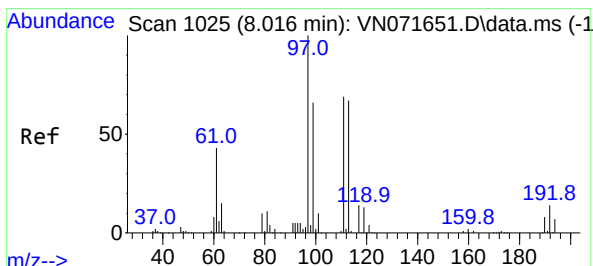
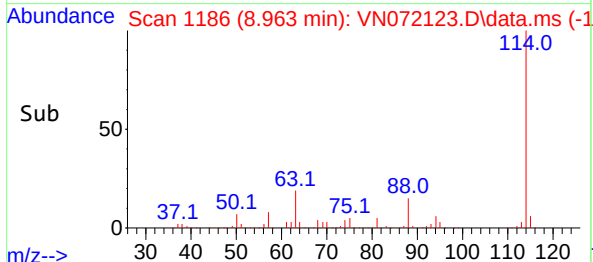
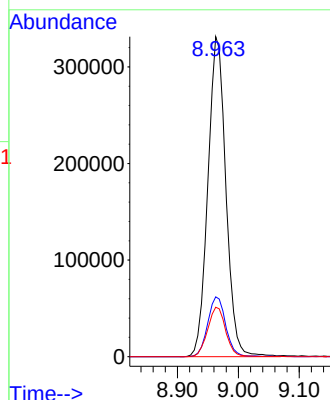
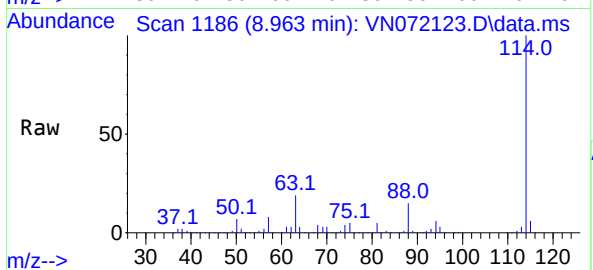




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072123.D
Acq: 21 Apr 2022 14:21

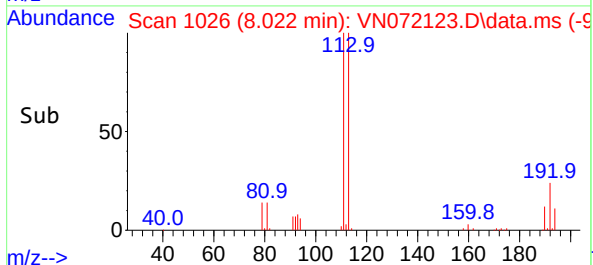
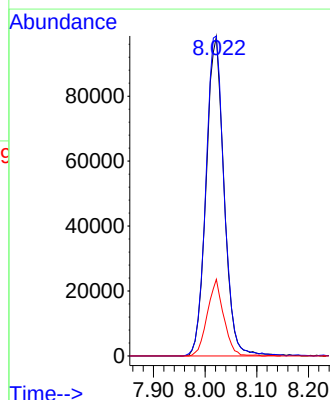
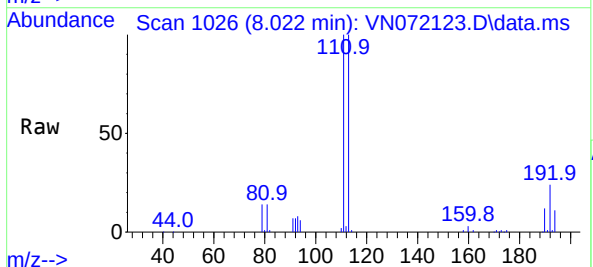
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ClientSampleId :
MW-9RDL

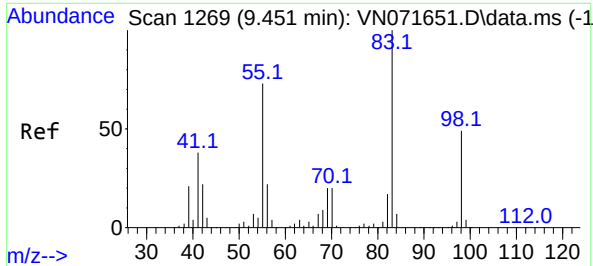
Tgt Ion:114 Resp: 681764
Ion Ratio Lower Upper
114 100
63 18.7 0.0 40.0
88 15.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 58.957 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072123.D
Acq: 21 Apr 2022 14:21

Tgt Ion:113 Resp: 236522
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 21.9 17.0 25.6

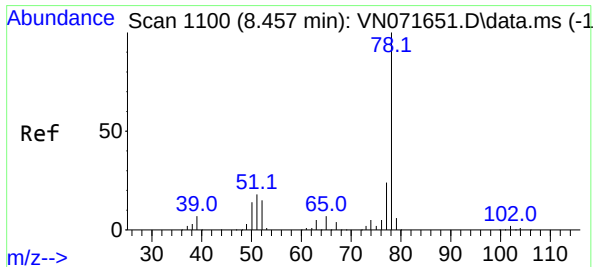
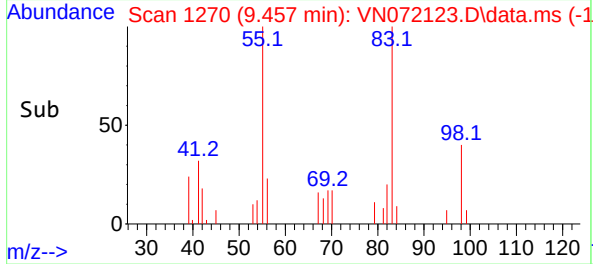
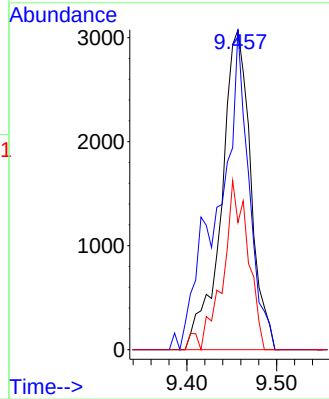
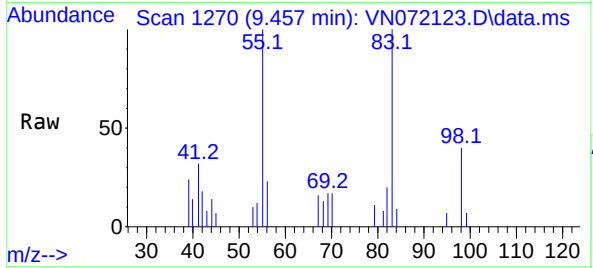




#39
Methylcyclohexane
Concen: 1.045 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN072123.D
Acq: 21 Apr 2022 14:21

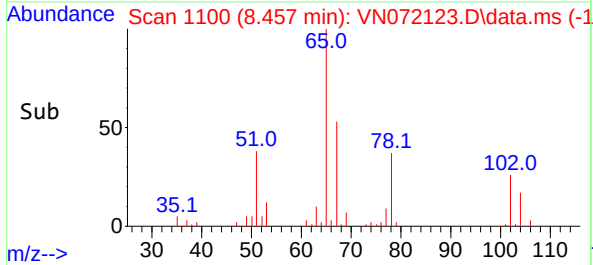
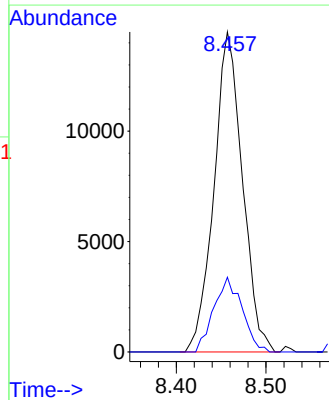
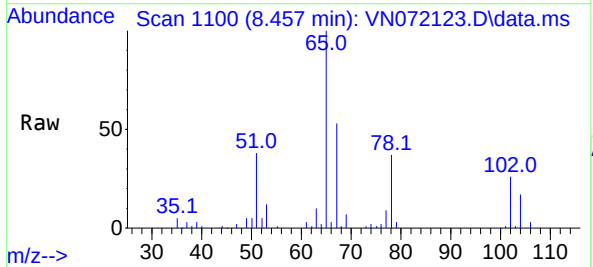
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MSVOA_N
ClientSampleId :
MW-9RDL

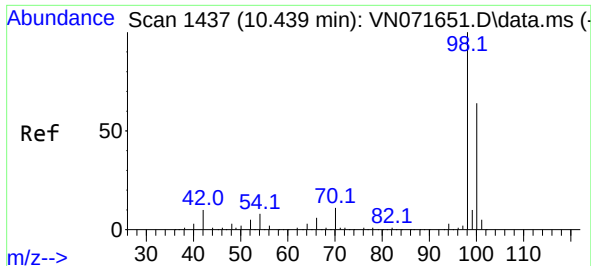
Tgt Ion: 83 Resp: 6969
Ion Ratio Lower Upper
83 100
55 100.1 57.8 86.8#
98 39.8 39.4 59.2



#40
Benzene
Concen: 1.801 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072123.D
Acq: 21 Apr 2022 14:21

Tgt Ion: 78 Resp: 31879
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0

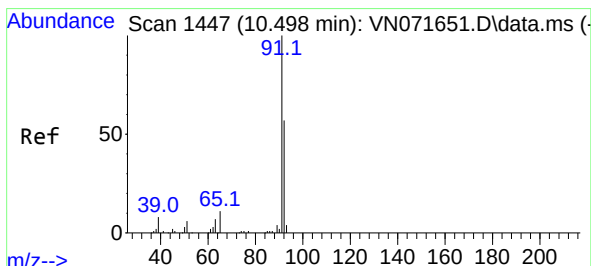
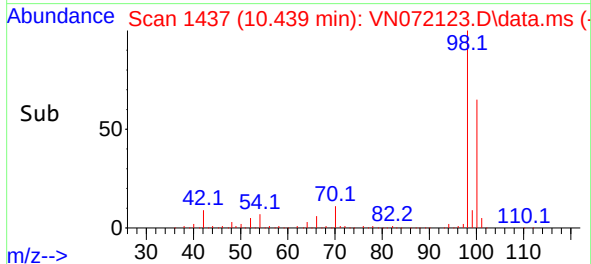
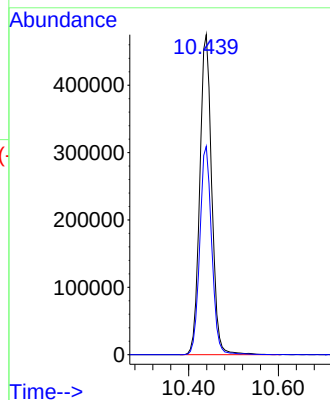
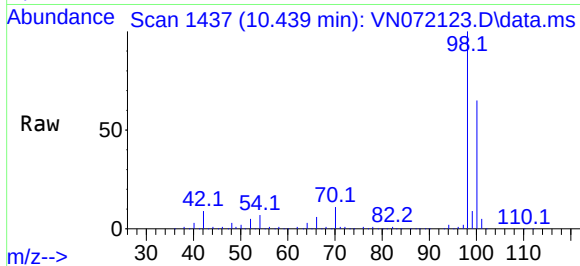




#50
Toluene-d8
Concen: 53.371 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072123.D
Acq: 21 Apr 2022 14:21

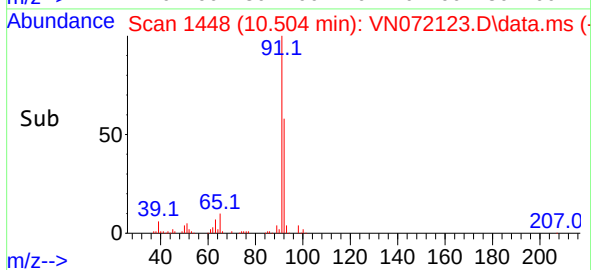
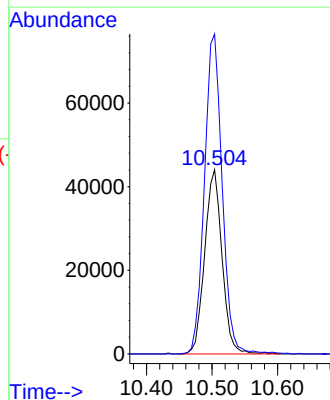
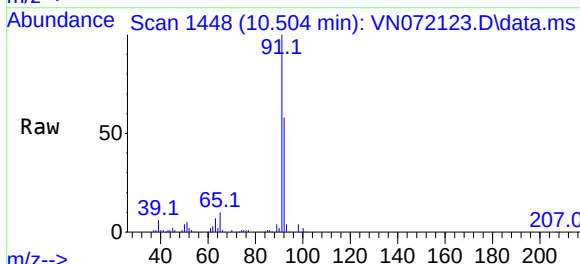
Instrument :
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MW-9RDL

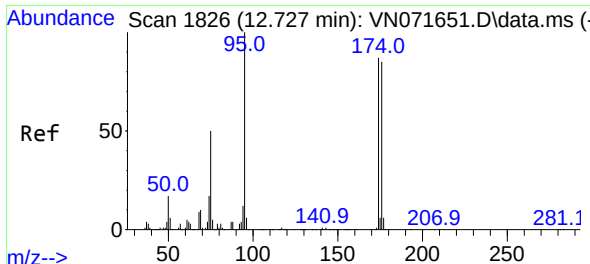
Tgt Ion: 98 Resp: 875882
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#52
Toluene
Concen: 7.268 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072123.D
Acq: 21 Apr 2022 14:21

Tgt Ion: 92 Resp: 81305
Ion Ratio Lower Upper
92 100
91 177.3 138.6 207.8

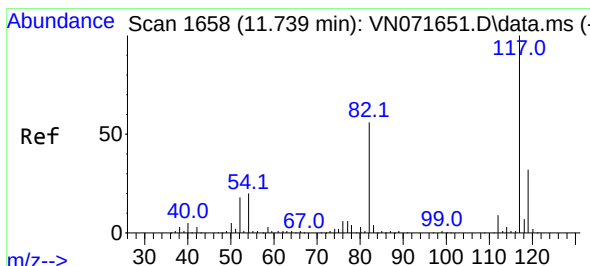
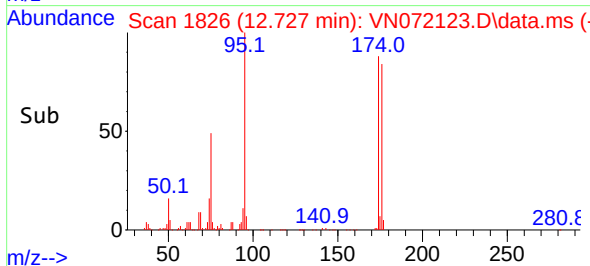
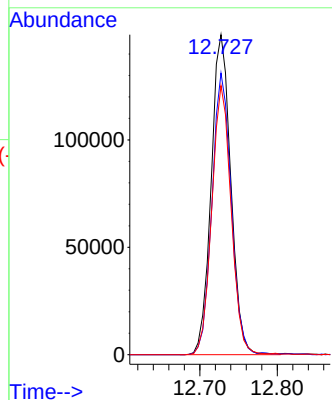
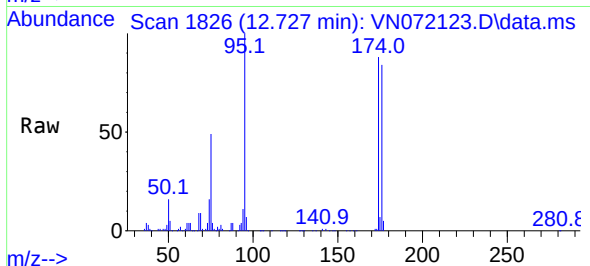




#62
4-Bromofluorobenzene
Concen: 49.392 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072123.D
Acq: 21 Apr 2022 14:21

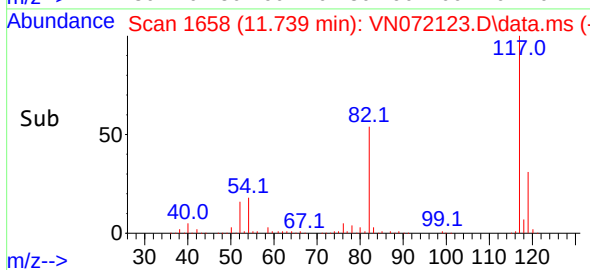
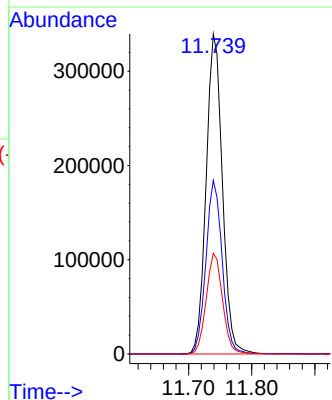
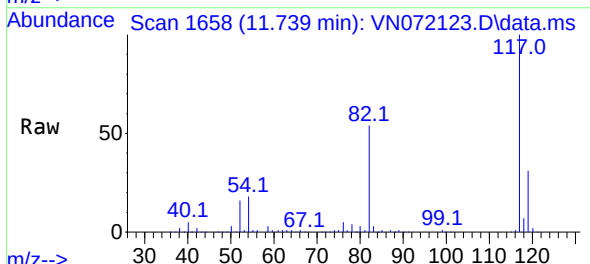
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ClientSampleId :
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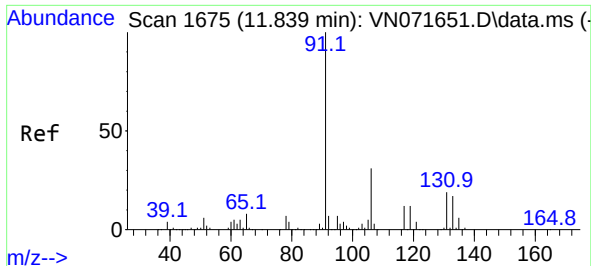
Tgt Ion: 95 Resp: 262155
Ion Ratio Lower Upper
95 100
174 86.8 0.0 167.6
176 82.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072123.D
Acq: 21 Apr 2022 14:21

Tgt Ion: 117 Resp: 608088
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 31.4 25.4 38.0

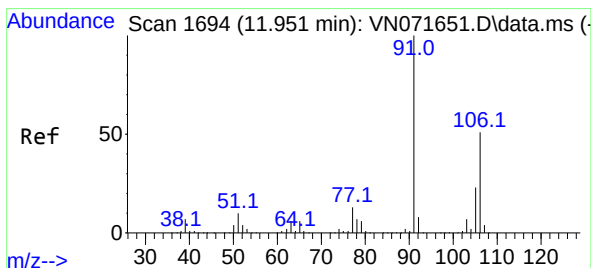
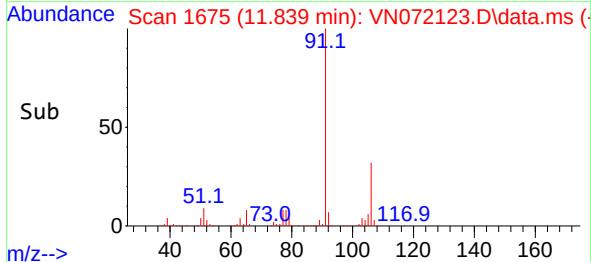
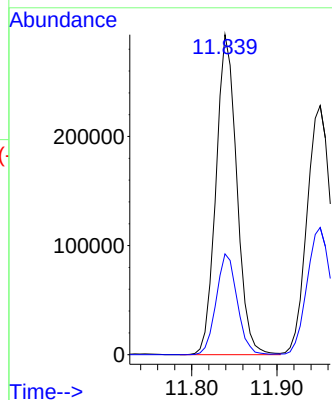
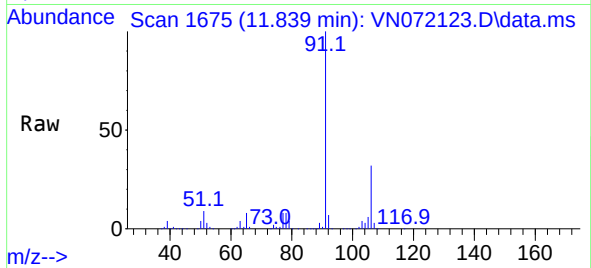




#67
Ethyl Benzene
Concen: 24.181 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072123.D
Acq: 21 Apr 2022 14:21

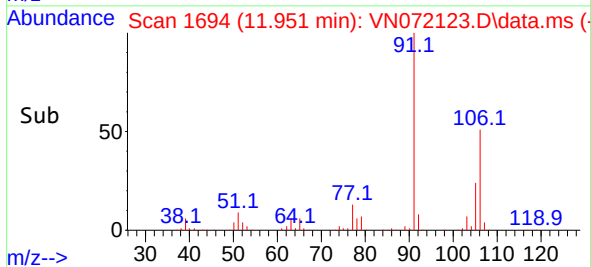
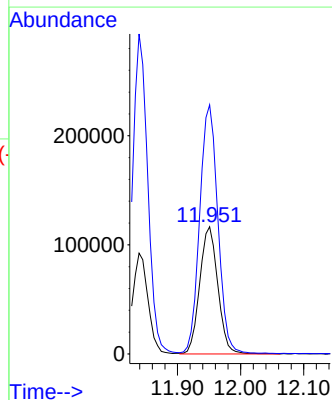
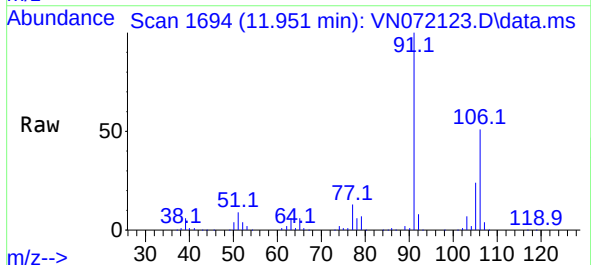
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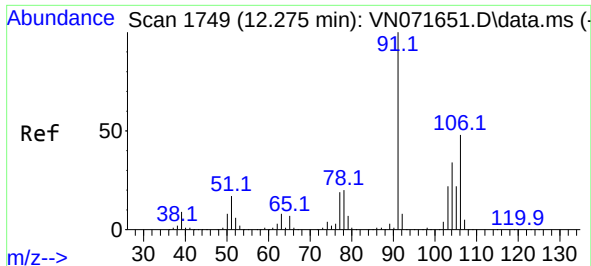
Tgt Ion: 91 Resp: 498424
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 29.272 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072123.D
Acq: 21 Apr 2022 14:21

Tgt Ion: 106 Resp: 231826
Ion Ratio Lower Upper
106 100
91 196.0 158.9 238.3

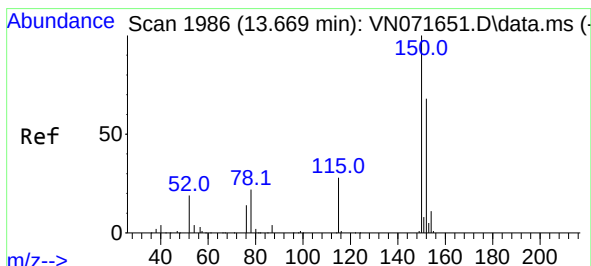
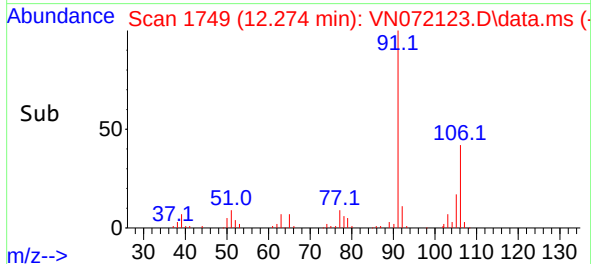
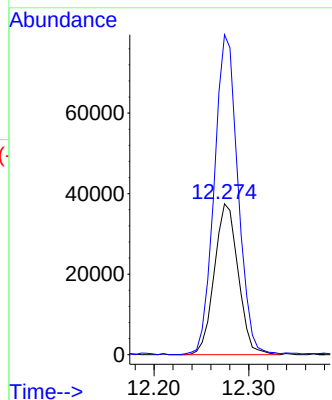
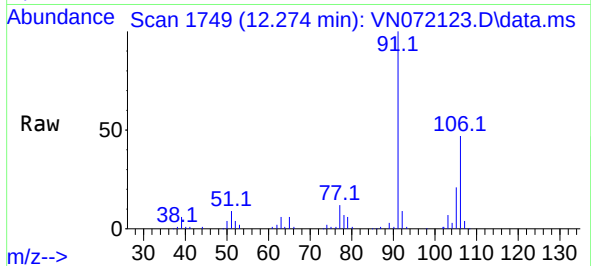




#69
o-Xylene
Concen: 8.350 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072123.D
Acq: 21 Apr 2022 14:21

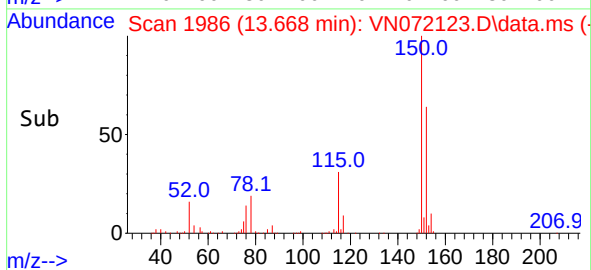
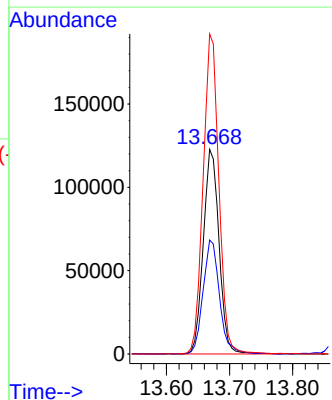
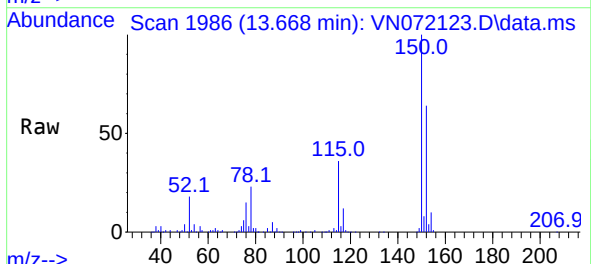
Instrument :
MSVOA_N
ClientSampleId :
MW-9RDL

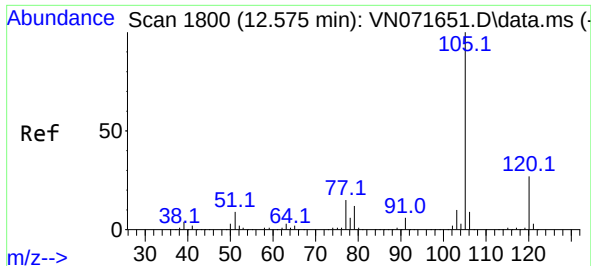
Tgt Ion:106 Resp: 65636
Ion Ratio Lower Upper
106 100
91 210.7 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072123.D
Acq: 21 Apr 2022 14:21

Tgt Ion:152 Resp: 212554
Ion Ratio Lower Upper
152 100
115 58.1 28.9 86.7
150 156.2 0.0 356.2

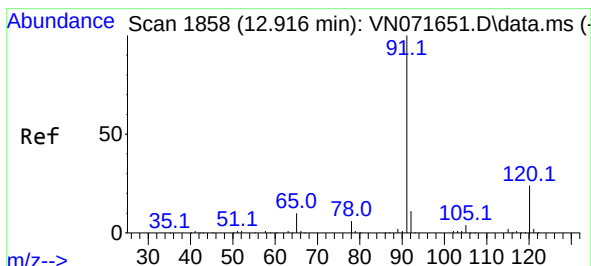
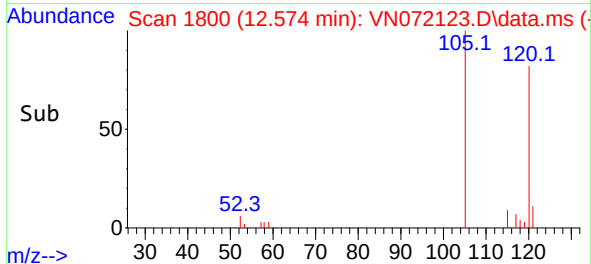
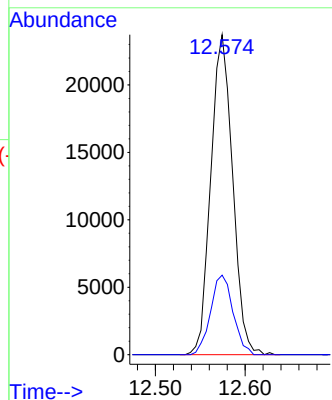
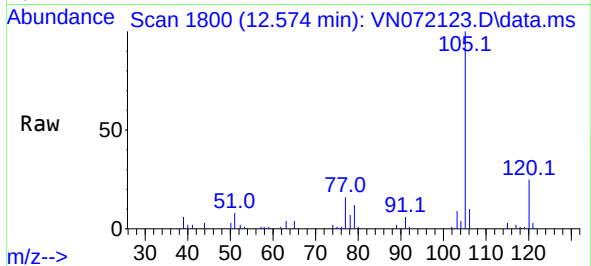




#73
Isopropylbenzene
Concen: 2.236 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072123.D
Acq: 21 Apr 2022 14:21

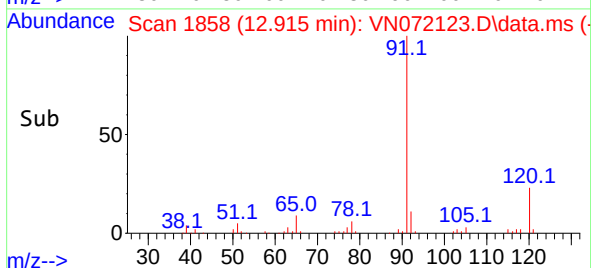
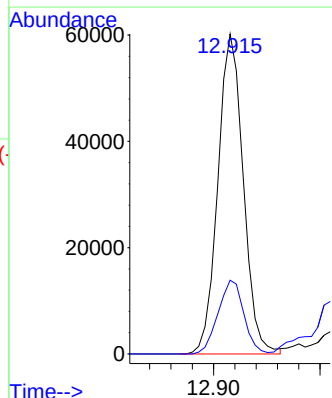
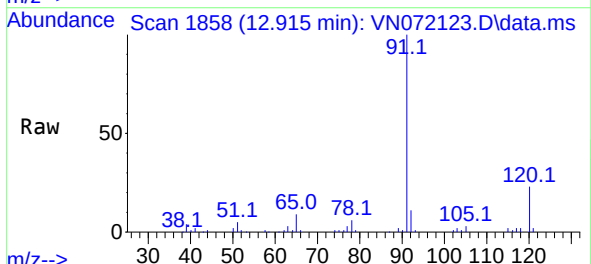
Instrument :
MSVOA_N
ClientSampleId :
MW-9RDL

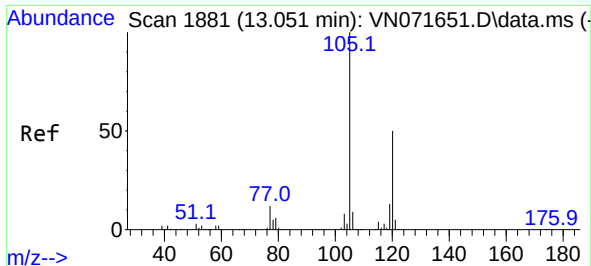
Tgt Ion:105 Resp: 40047
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.4



#78
n-propylbenzene
Concen: 5.290 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072123.D
Acq: 21 Apr 2022 14:21

Tgt Ion: 91 Resp: 99677
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.5

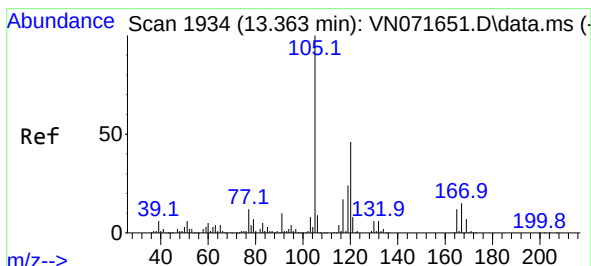
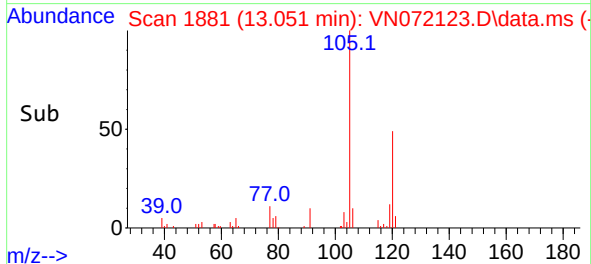
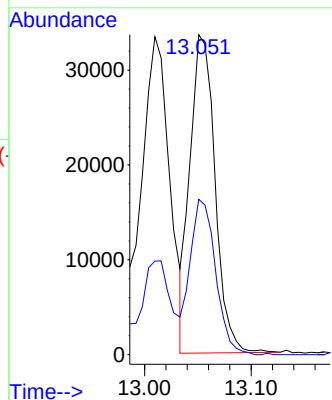
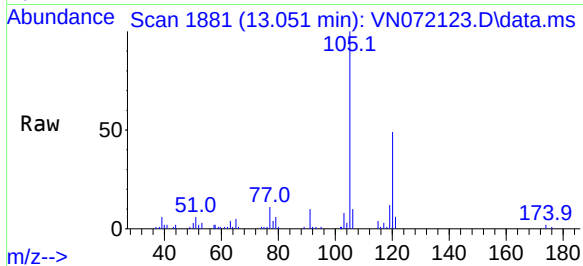




#80
1,3,5-Trimethylbenzene
Concen: 3.858 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072123.D
Acq: 21 Apr 2022 14:21

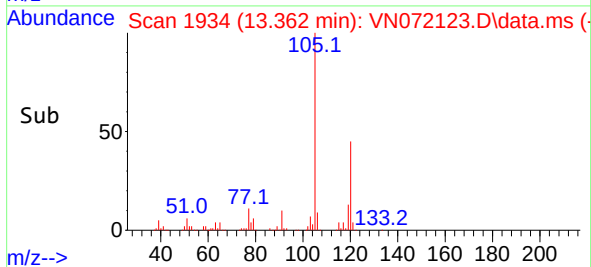
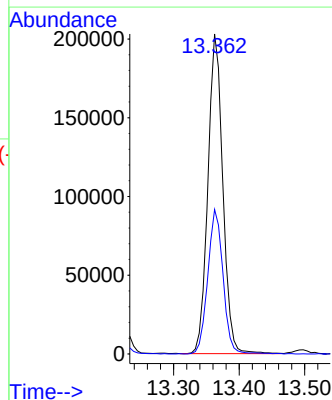
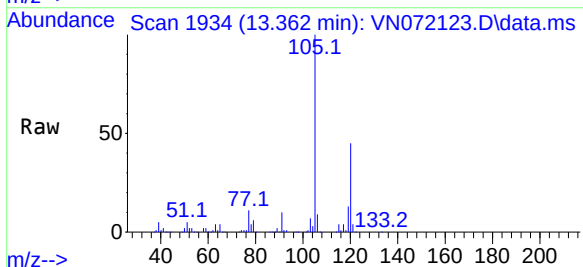
Instrument :
MSVOA_N
ClientSampleId :
MW-9RDL

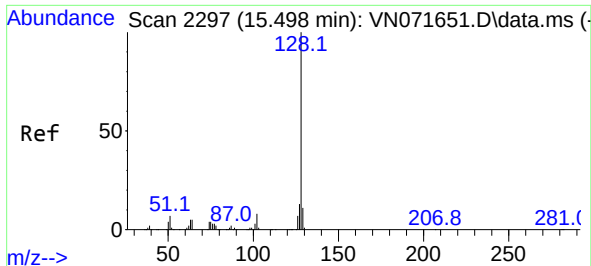
Tgt Ion:105 Resp: 54747
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 23.232 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072123.D
Acq: 21 Apr 2022 14:21

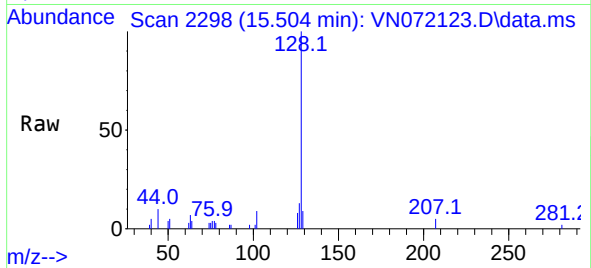
Tgt Ion:105 Resp: 321681
Ion Ratio Lower Upper
105 100
120 46.3 23.3 69.8





#95
Naphthalene
Concen: 6.534 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072123.D
Acq: 21 Apr 2022 14:21

Instrument :
MSVOA_N
ClientSampleId :
MW-9RDL



Tgt Ion:	128	Resp:	28606
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.3	15.5
129	10.4	8.6	13.0

