

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
 Data File : VN072121.D
 Acq On : 21 Apr 2022 13:33
 Operator : JC\MD
 Sample : N2482-08DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14RDL

Quant Time: Apr 22 01:22:37 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)

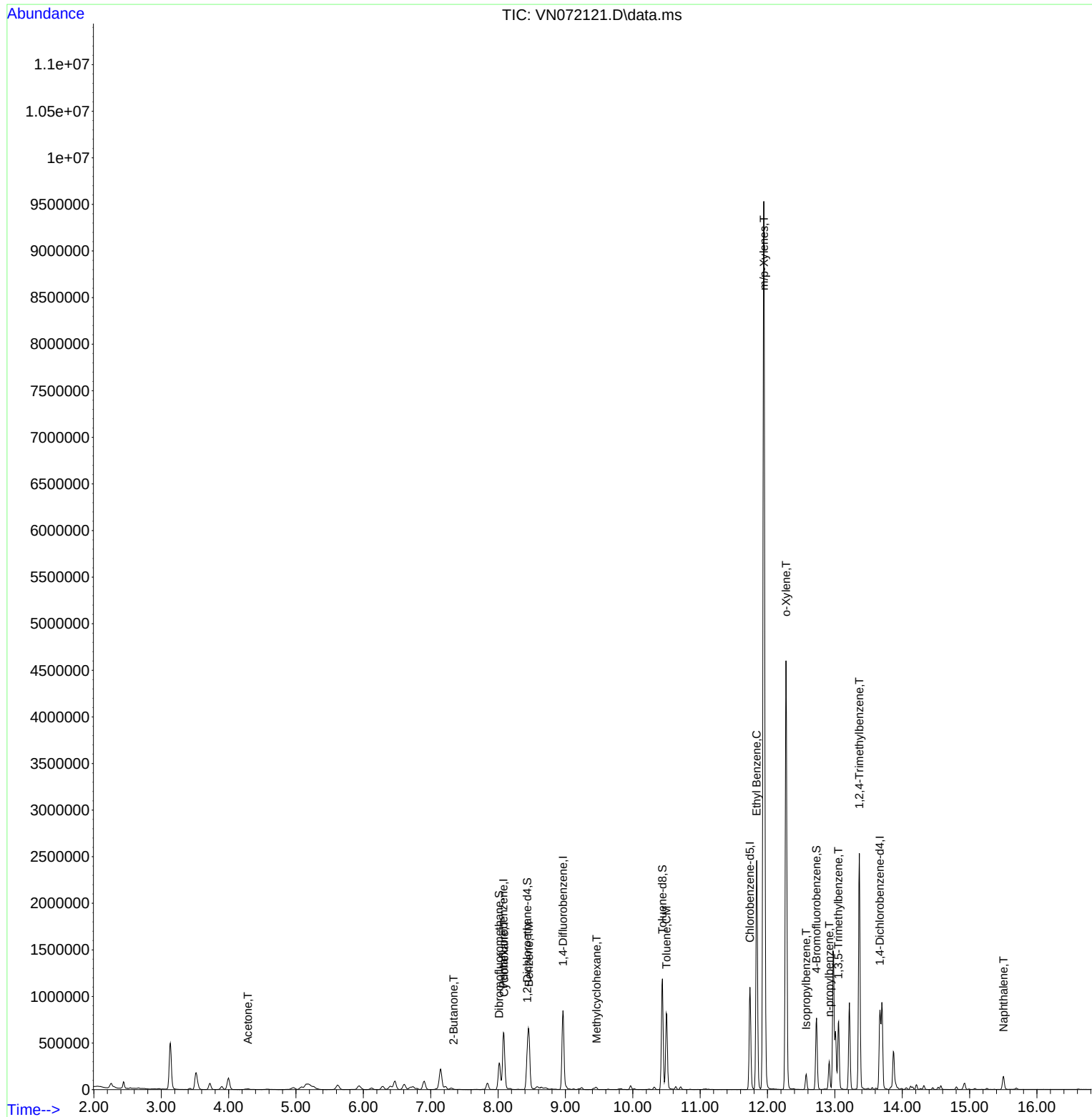
Internal Standards						
1) Pentafluorobenzene	8.081	168	465205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	764025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	684725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	258094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	249878	47.050	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.100%		
35) Dibromofluoromethane	8.016	113	216616	48.181	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.360%		
50) Toluene-d8	10.439	98	861333	46.833	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.660%		
62) 4-Bromofluorobenzene	12.727	95	275859	46.378	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.760%		
Target Compounds					Qvalue	
16) Acetone	4.287	43	10880	4.794	ug/l #	71
25) 2-Butanone	7.339	43	3520	1.076	ug/l	93
31) Cyclohexane	8.092	56	51667	7.154	ug/l #	78
39) Methylcyclohexane	9.463	83	11553	1.546	ug/l #	82
40) Benzene	8.457	78	605731	30.542	ug/l	99
52) Toluene	10.498	92	383850	30.618	ug/l	99
67) Ethyl Benzene	11.839	91	1865034	80.354	ug/l	98
68) m/p-Xylenes	11.945	106	3284439	368.296	ug/l	99
69) o-Xylene	12.274	106	1359647	153.604	ug/l	99
73) Isopropylbenzene	12.574	105	112824	5.188	ug/l	100
78) n-propylbenzene	12.915	91	248230	10.850	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	418916	24.310	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	1493726	88.843	ug/l	100
95) Naphthalene	15.504	128	149415	15.549	ug/l	100

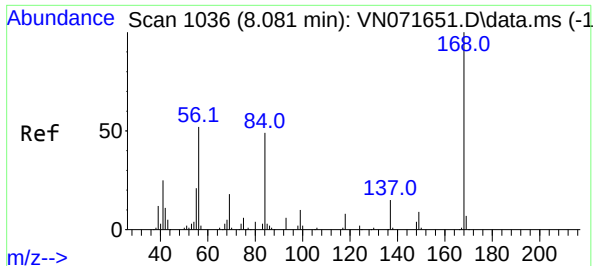
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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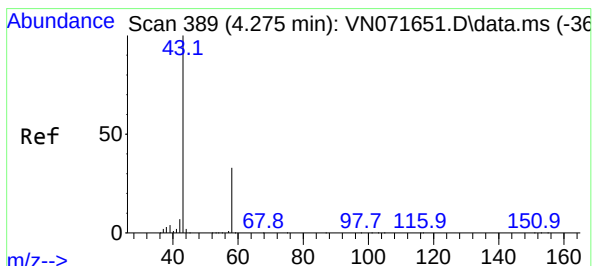
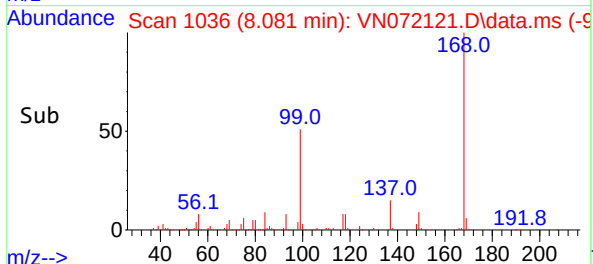
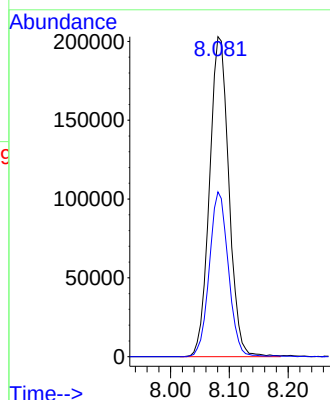
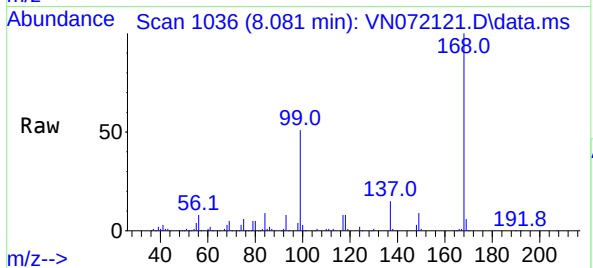




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072121.D
Acq: 21 Apr 2022 13:33

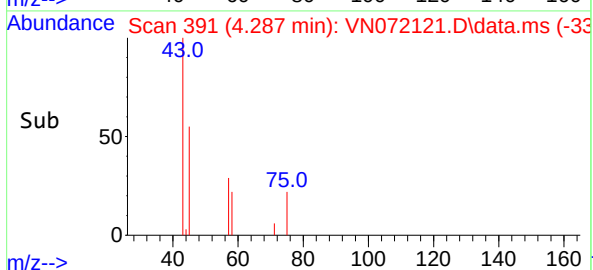
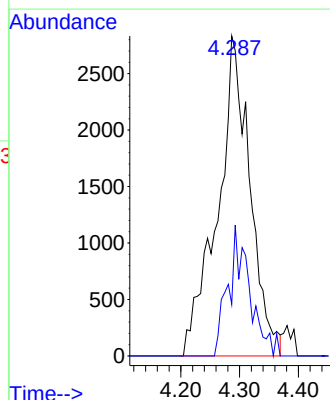
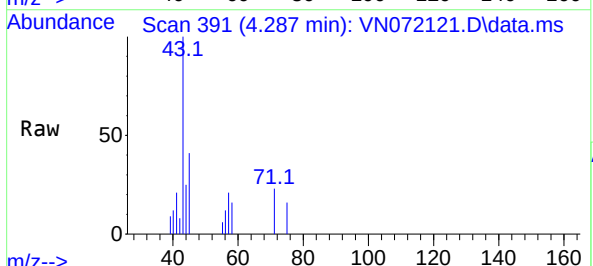
Instrument :
MSVOA_N
ClientSampleId :
MW-14RDL

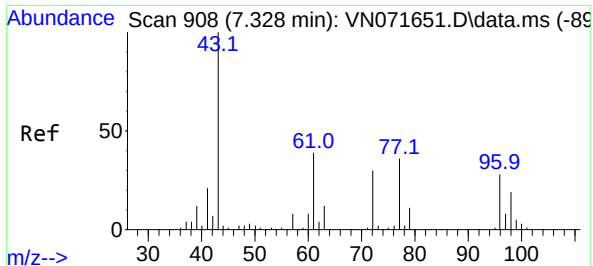
Tgt Ion:168 Resp: 465205
Ion Ratio Lower Upper
168 100
99 51.5 42.3 63.5



#16
Acetone
Concen: 4.794 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072121.D
Acq: 21 Apr 2022 13:33

Tgt Ion: 43 Resp: 10880
Ion Ratio Lower Upper
43 100
58 16.2 26.0 39.0#





#25

2-Butanone

Concen: 1.076 ug/l

RT: 7.339 min Scan# 910

Delta R.T. 0.011 min

Lab File: VN072121.D

Acq: 21 Apr 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

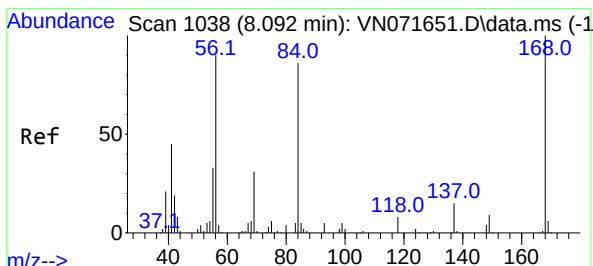
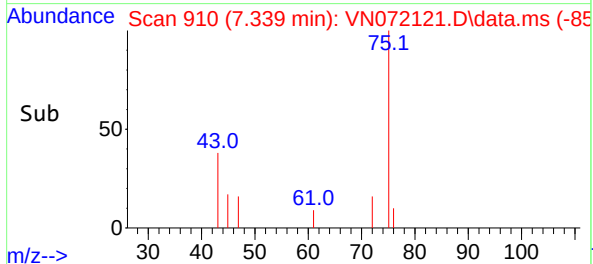
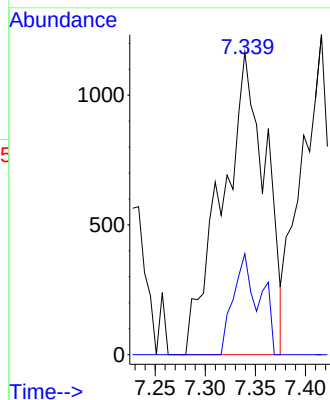
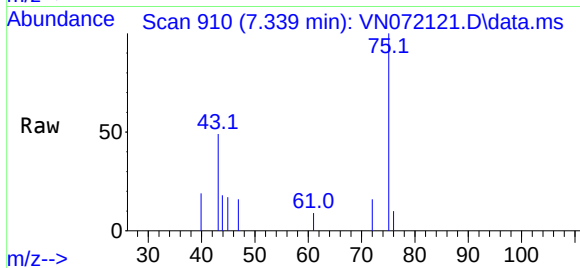
MW-14RDL

Tgt Ion: 43 Resp: 3520

Ion Ratio Lower Upper

43 100

72 33.4 23.7 35.5



#31

Cyclohexane

Concen: 7.154 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072121.D

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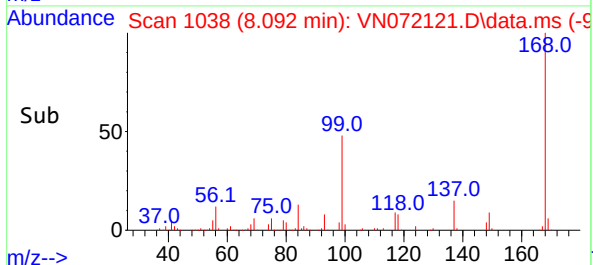
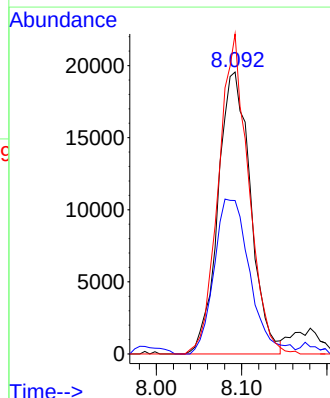
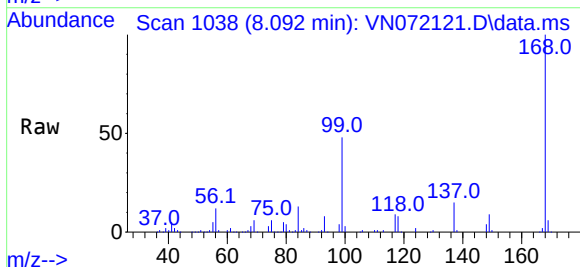
Tgt Ion: 56 Resp: 51667

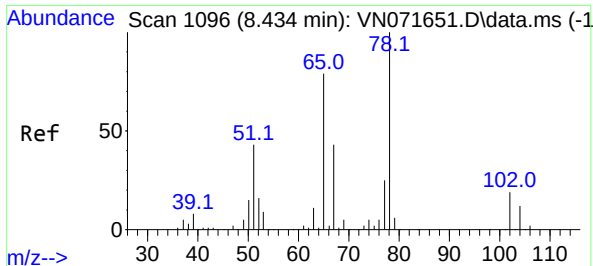
Ion Ratio Lower Upper

56 100

69 54.4 27.8 41.8#

84 113.5 76.9 115.3

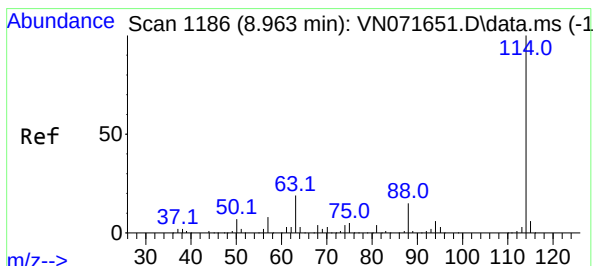
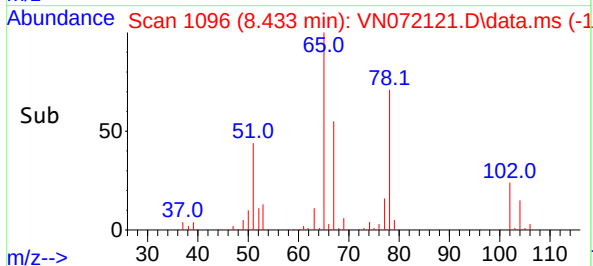
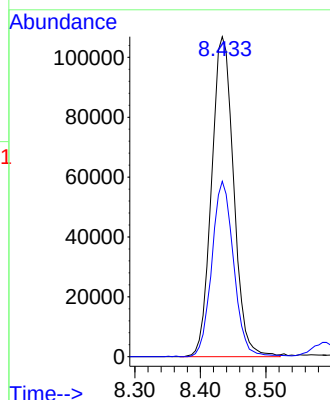
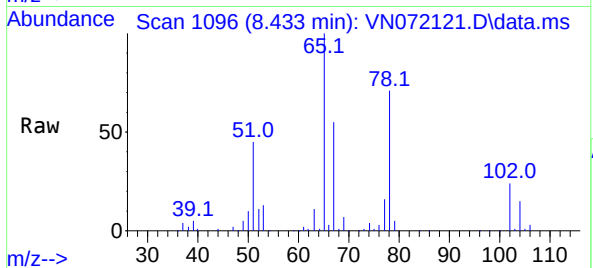




#33
1,2-Dichloroethane-d4
Concen: 47.050 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072121.D
Acq: 21 Apr 2022 13:33

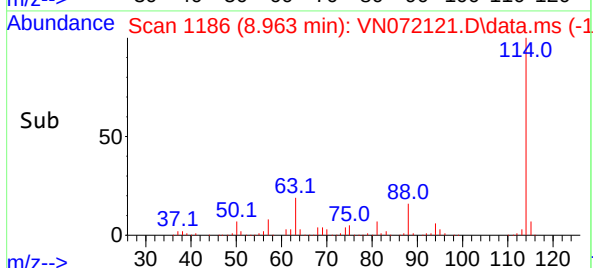
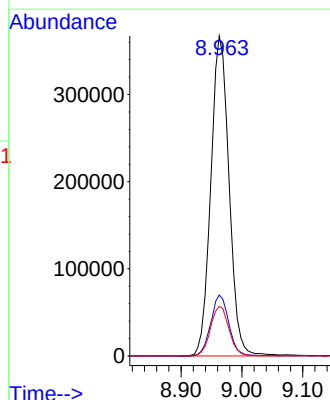
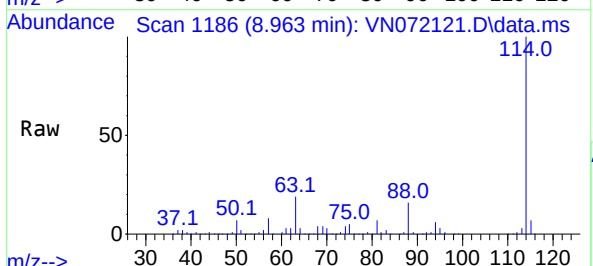
Instrument :
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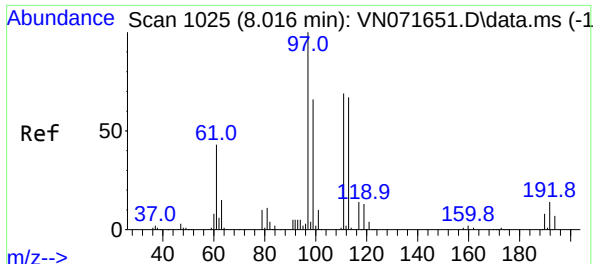
Tgt Ion: 65 Resp: 249878
Ion Ratio Lower Upper
65 100
67 54.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072121.D
Acq: 21 Apr 2022 13:33

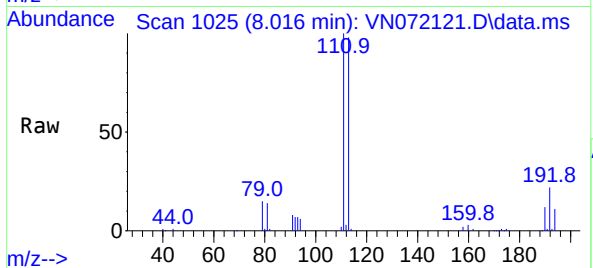
Tgt Ion: 114 Resp: 764025
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 15.5 0.0 32.6



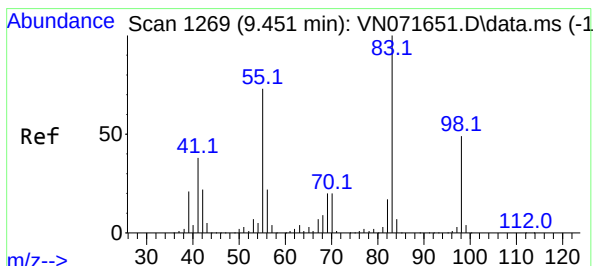
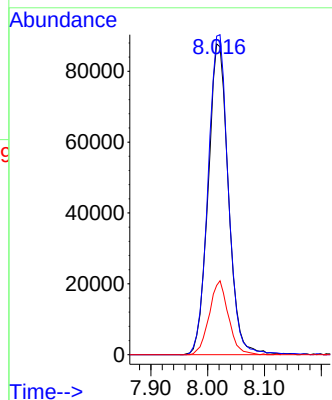
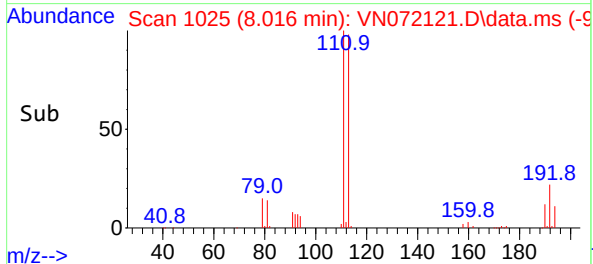


#35
Dibromofluoromethane
Concen: 48.181 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072121.D
Acq: 21 Apr 2022 13:33

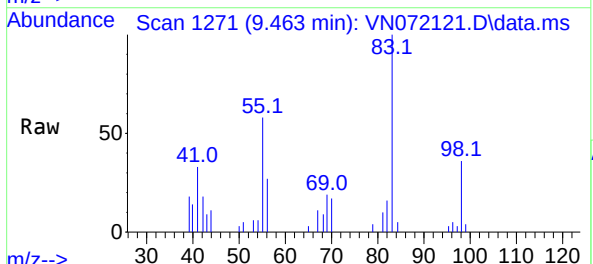
Instrument :
MSVOA_N
ClientSampleId :
MW-14RDL



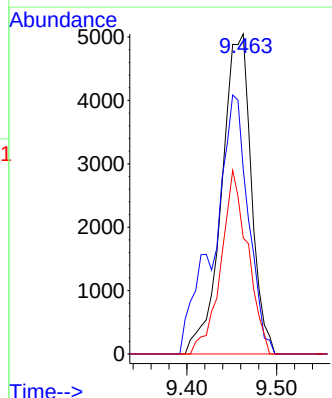
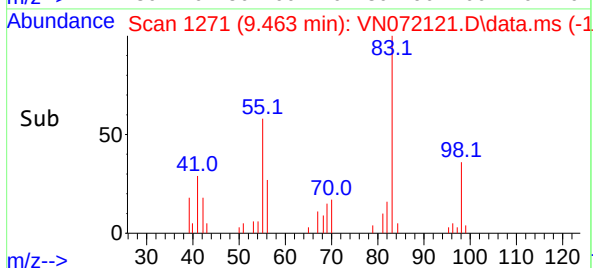
Tgt Ion:113 Resp: 216616
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 22.5 17.0 25.6

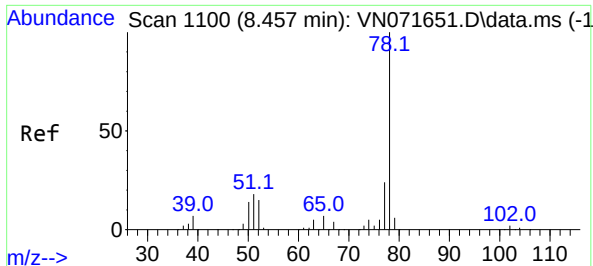


#39
Methylcyclohexane
Concen: 1.546 ug/l
RT: 9.463 min Scan# 1271
Delta R.T. 0.012 min
Lab File: VN072121.D
Acq: 21 Apr 2022 13:33



Tgt Ion: 83 Resp: 11553
Ion Ratio Lower Upper
83 100
55 57.7 57.8 86.8#
98 36.3 39.4 59.2#

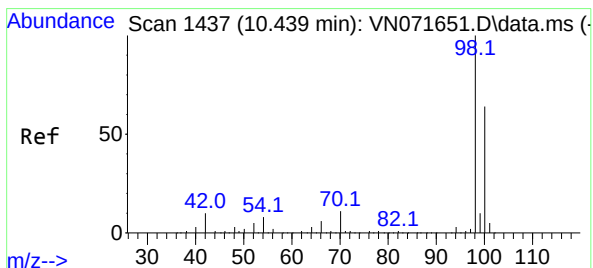
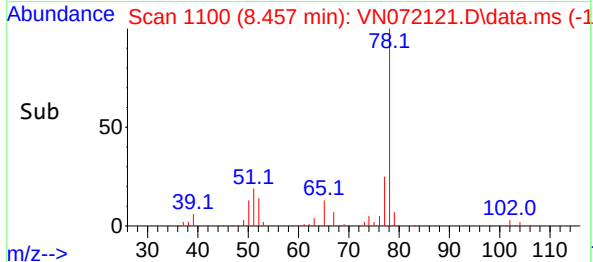
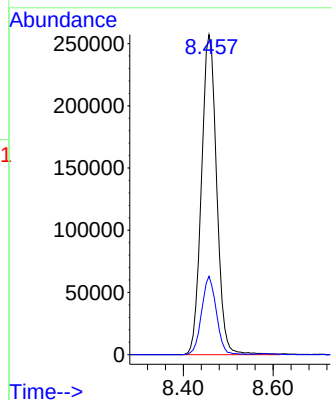
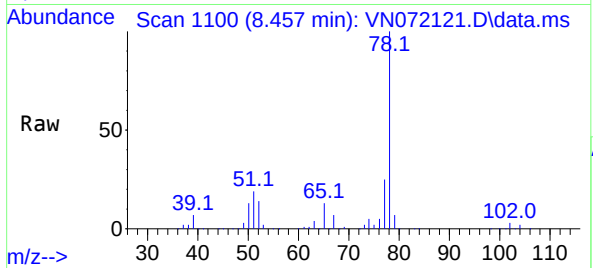




#40
Benzene
Concen: 30.542 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072121.D
Acq: 21 Apr 2022 13:33

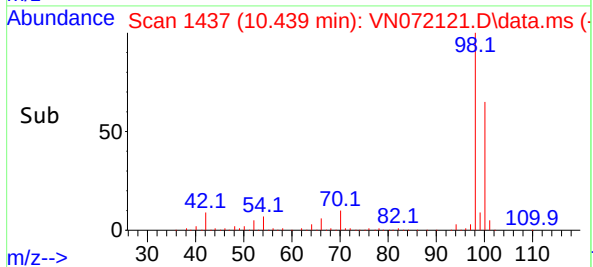
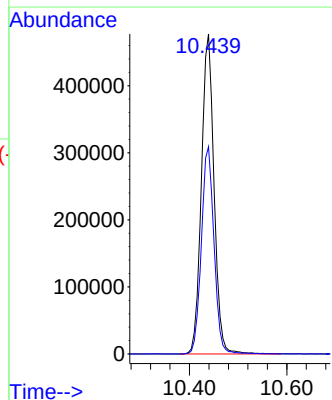
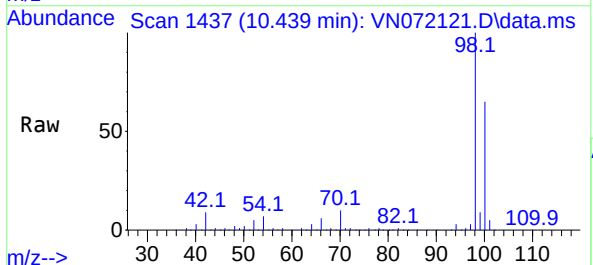
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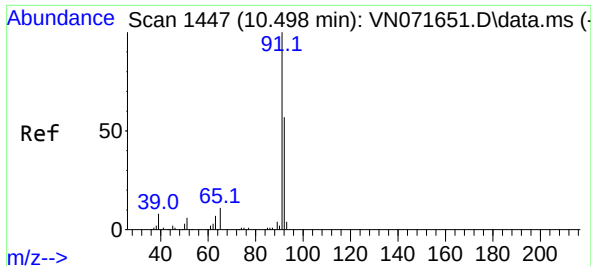
Tgt Ion: 78 Resp: 605731
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.0



#50
Toluene-d8
Concen: 46.833 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072121.D
Acq: 21 Apr 2022 13:33

Tgt Ion: 98 Resp: 861333
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

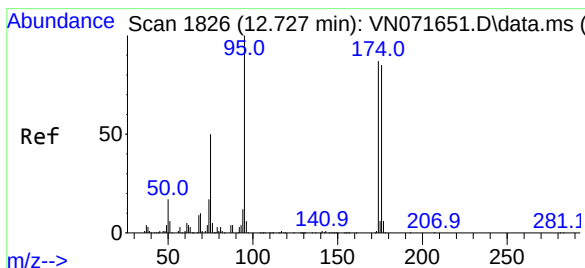
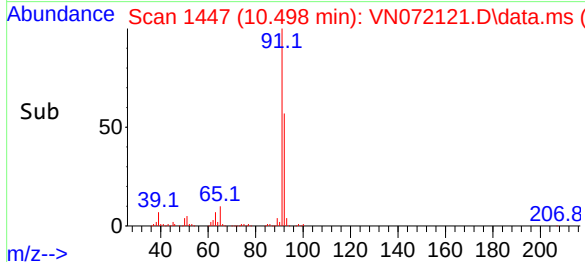
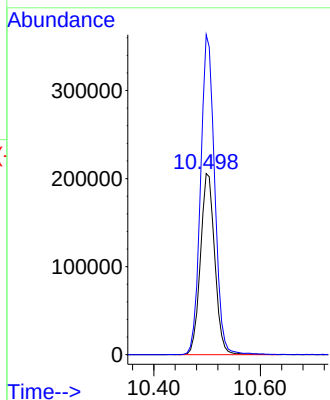
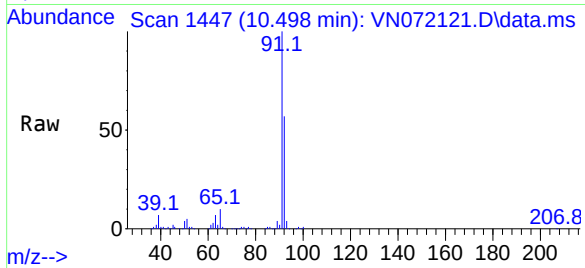




#52
Toluene
Concen: 30.618 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072121.D
Acq: 21 Apr 2022 13:33

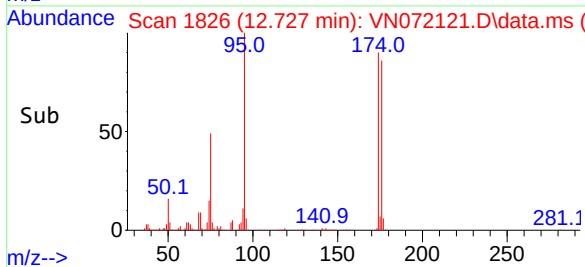
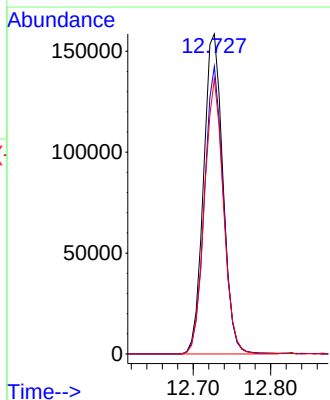
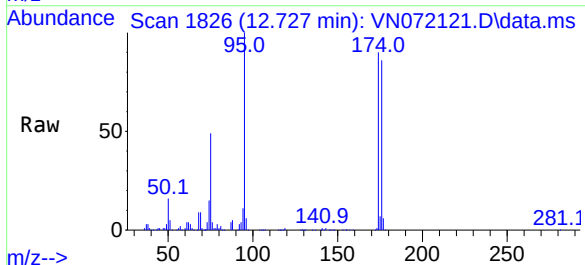
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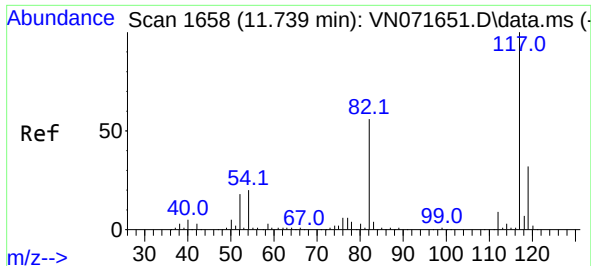
Tgt Ion: 92 Resp: 383850
Ion Ratio Lower Upper
92 100
91 174.3 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 46.378 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072121.D
Acq: 21 Apr 2022 13:33

Tgt Ion: 95 Resp: 275859
Ion Ratio Lower Upper
95 100
174 87.6 0.0 167.6
176 84.2 0.0 163.4

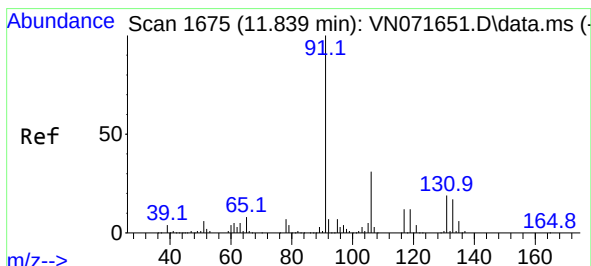
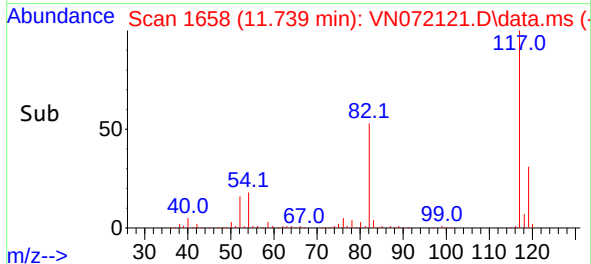
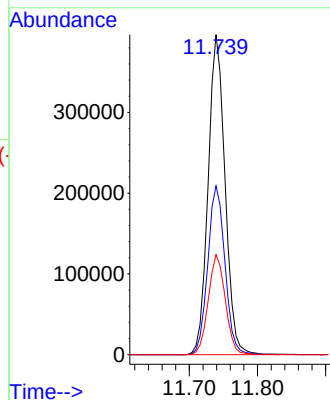
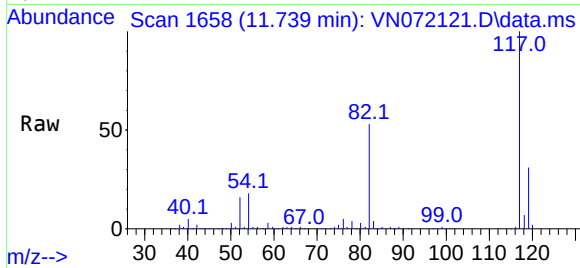




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072121.D
Acq: 21 Apr 2022 13:33

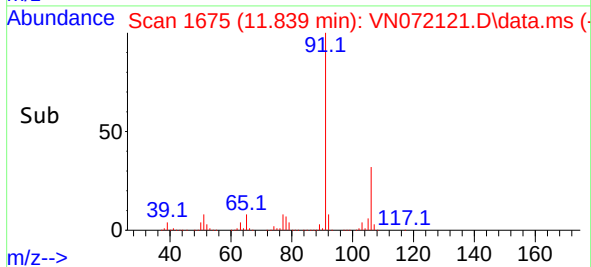
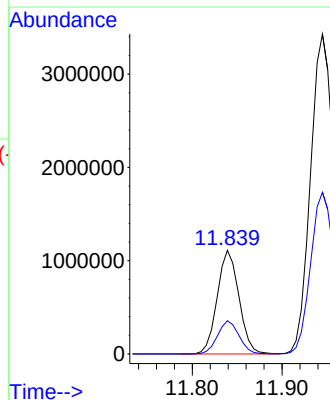
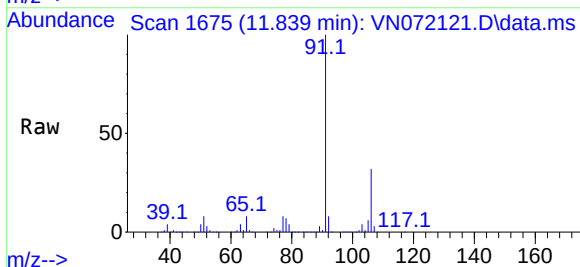
Instrument :
MSVOA_N
ClientSampleId :
MW-14RDL

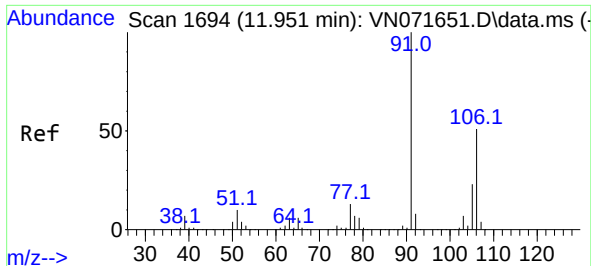
Tgt Ion:117 Resp: 684725
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 31.2 25.4 38.0



#67
Ethyl Benzene
Concen: 80.354 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072121.D
Acq: 21 Apr 2022 13:33

Tgt Ion: 91 Resp: 1865034
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

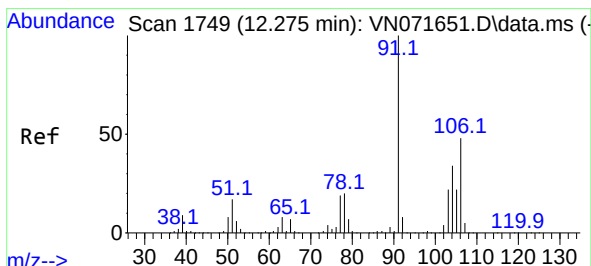
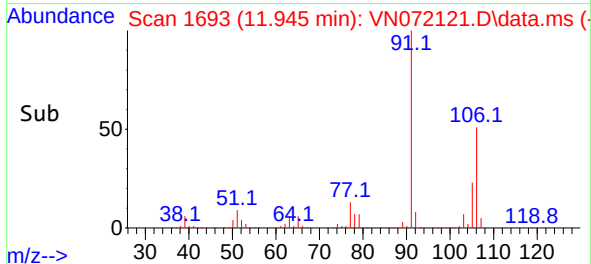
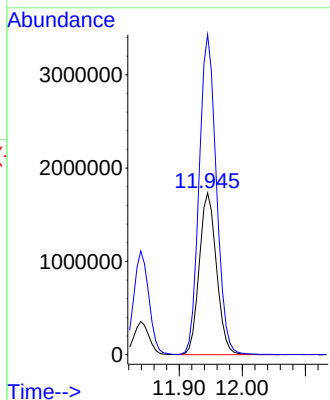
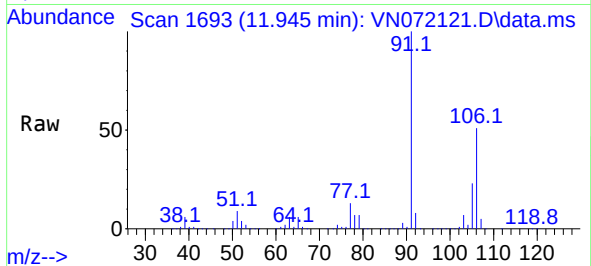




#68
m/p-Xylenes
Concen: 368.296 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072121.D
Acq: 21 Apr 2022 13:33

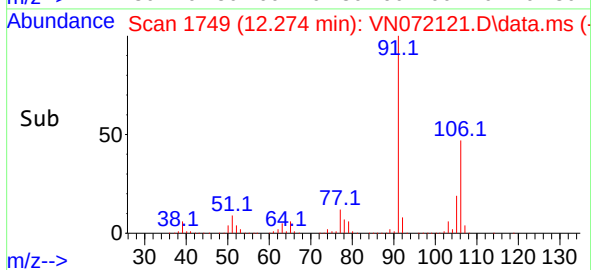
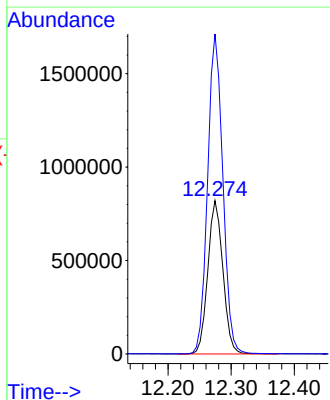
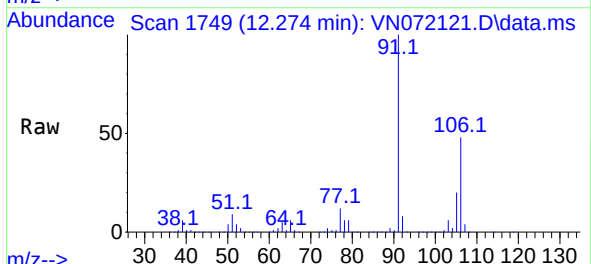
Instrument :
MSVOA_N
ClientSampleId :
MW-14RDL

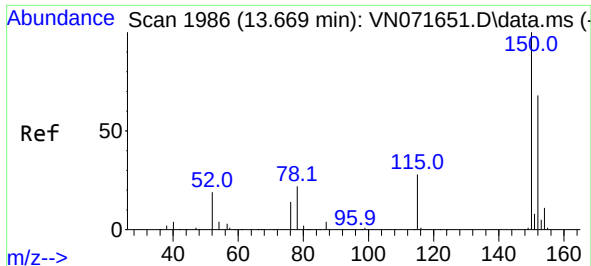
Tgt Ion:106 Resp: 3284439
Ion Ratio Lower Upper
106 100
91 197.3 158.9 238.3



#69
o-Xylene
Concen: 153.604 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072121.D
Acq: 21 Apr 2022 13:33

Tgt Ion:106 Resp: 1359647
Ion Ratio Lower Upper
106 100
91 210.8 106.0 318.0

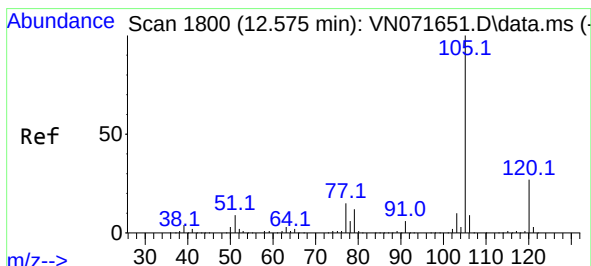
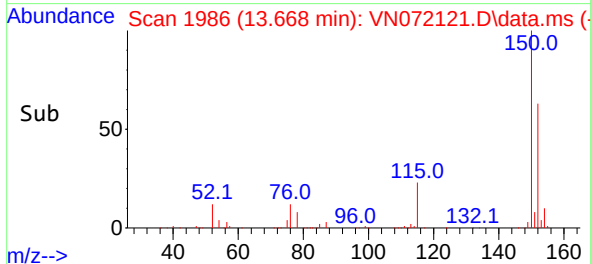
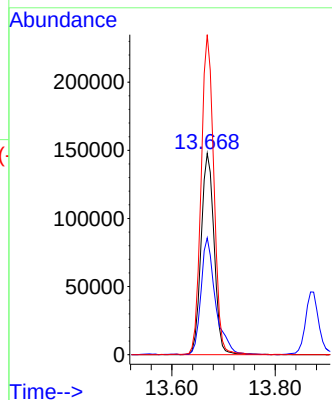
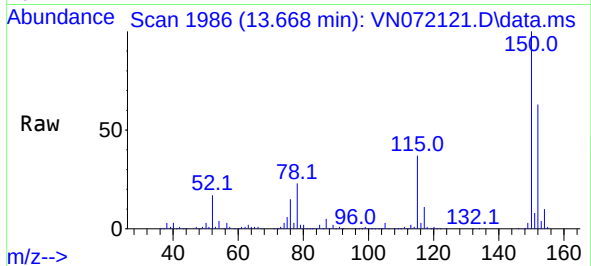




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072121.D
Acq: 21 Apr 2022 13:33

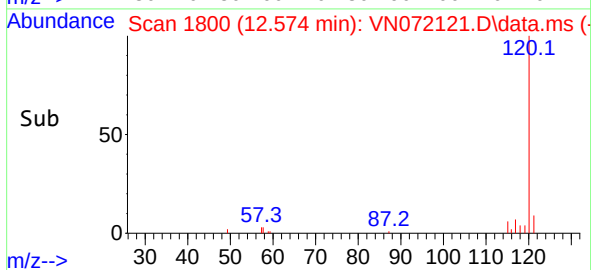
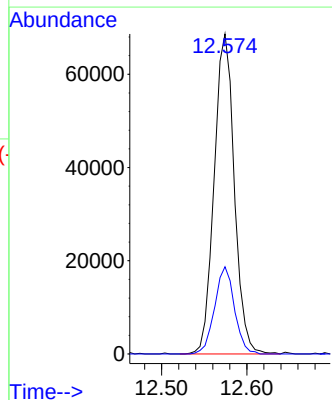
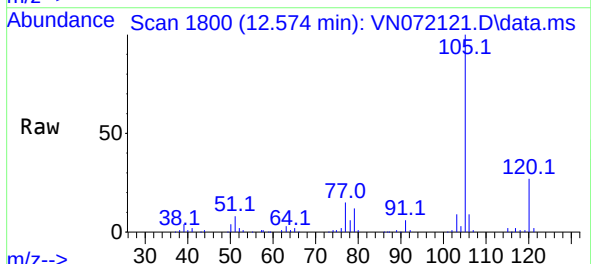
Instrument :
MSVOA_N
ClientSampleId :
MW-14RDL

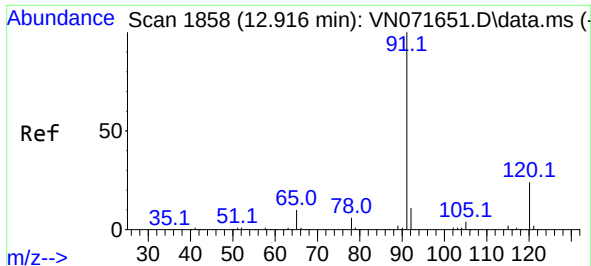
Tgt Ion:152 Resp: 258094
Ion Ratio Lower Upper
152 100
115 65.2 28.9 86.7
150 156.1 0.0 356.2



#73
Isopropylbenzene
Concen: 5.188 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072121.D
Acq: 21 Apr 2022 13:33

Tgt Ion:105 Resp: 112824
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4

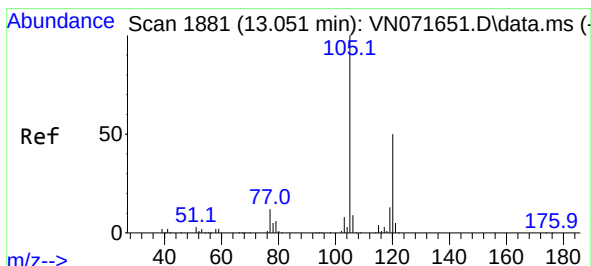
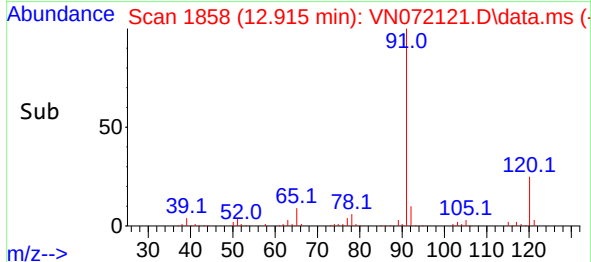
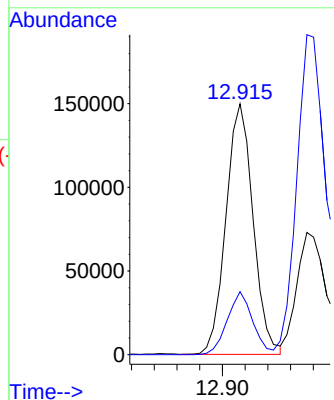
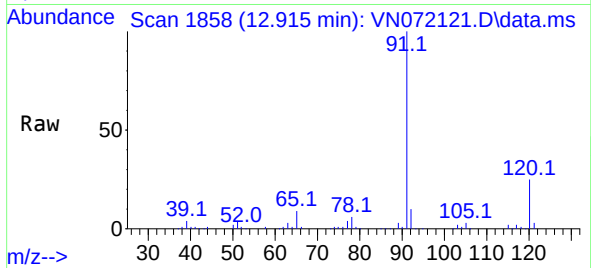




#78
n-propylbenzene
Concen: 10.850 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072121.D
Acq: 21 Apr 2022 13:33

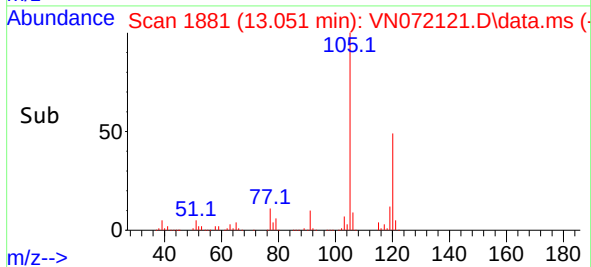
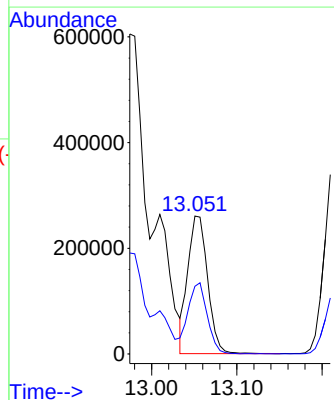
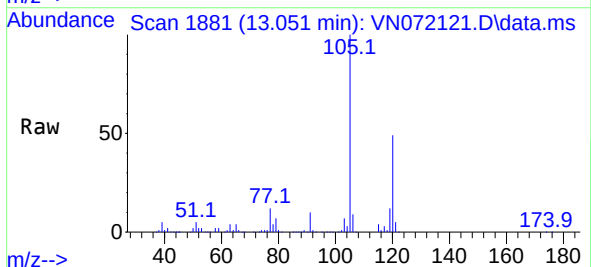
Instrument :
MSVOA_N
ClientSampleId :
MW-14RDL

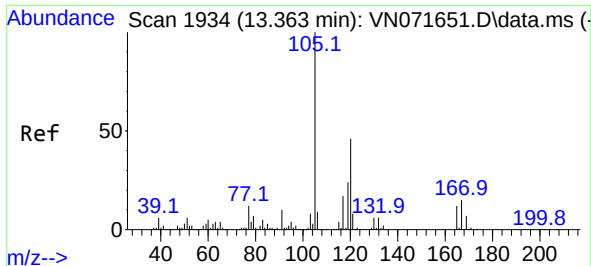
Tgt Ion: 91 Resp: 248230
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 24.310 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072121.D
Acq: 21 Apr 2022 13:33

Tgt Ion:105 Resp: 418916
Ion Ratio Lower Upper
105 100
120 52.1 24.9 74.7

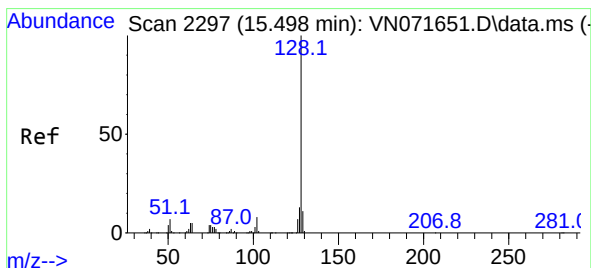
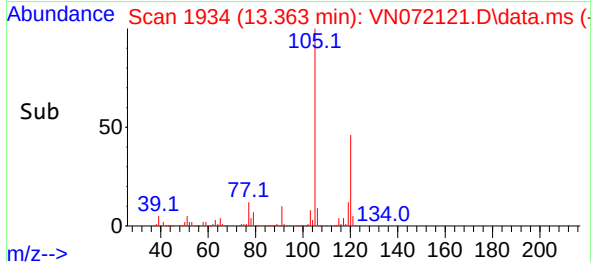
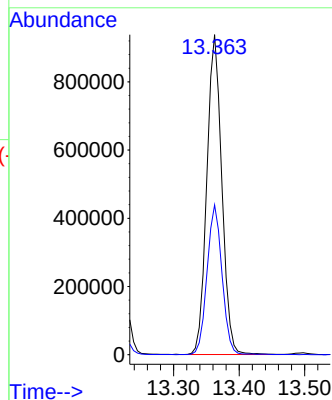
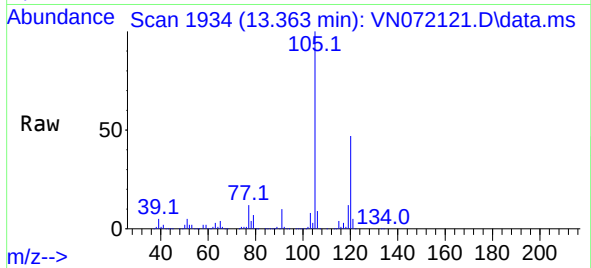




#84
1,2,4-Trimethylbenzene
Concen: 88.843 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072121.D
Acq: 21 Apr 2022 13:33

Instrument :
MSVOA_N
ClientSampleId :
MW-14RDL

Tgt Ion:105 Resp: 1493726
Ion Ratio Lower Upper
105 100
120 46.7 23.3 69.8



#95
Naphthalene
Concen: 15.549 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072121.D
Acq: 21 Apr 2022 13:33

Tgt Ion:128 Resp: 149415
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.6 8.6 13.0

