

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
 Data File : VN071814.D
 Acq On : 02 Apr 2022 21:47
 Operator : JC\MD
 Sample : N2244-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3-BD

Quant Time: Apr 04 01:10:46 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)

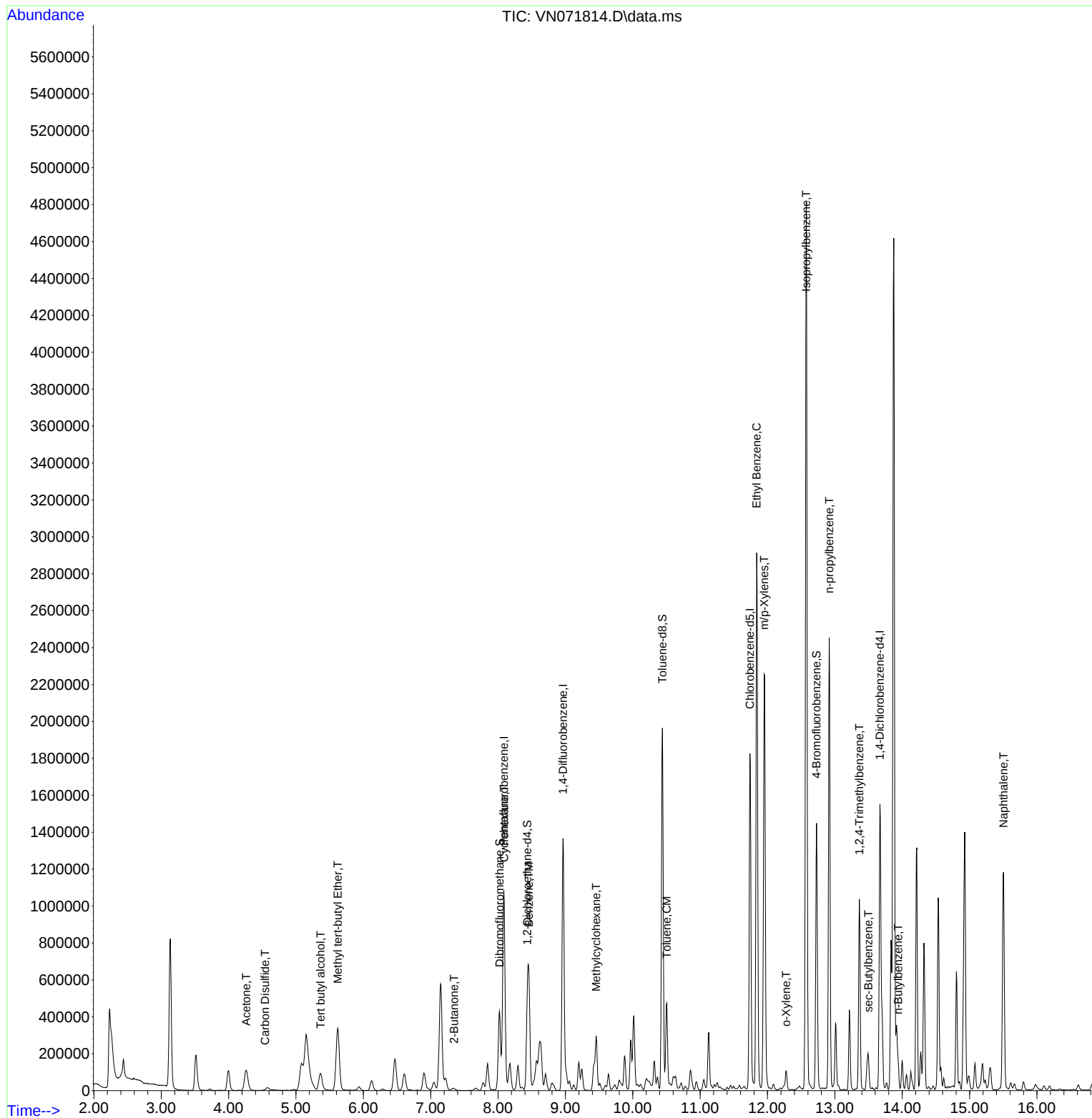
Internal Standards						
1) Pentafluorobenzene	8.086	168	658207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1103369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1112432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	449610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	361719	48.138	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	96.280%	
35) Dibromofluoromethane	8.022	113	311263	47.940	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	95.880%	
50) Toluene-d8	10.439	98	1396895	52.594	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	105.180%	
62) 4-Bromofluorobenzene	12.727	95	497047	57.864	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	115.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.363	59	184762	151.515	ug/l	99
16) Acetone	4.263	43	83003	25.847	ug/l #	56
17) Carbon Disulfide	4.540	76	5210	0.418	ug/l #	91
19) Methyl tert-butyl Ether	5.622	73	190616	9.444	ug/l #	1
25) 2-Butanone	7.345	43	13878	2.998	ug/l #	86
31) Cyclohexane	8.092	56	192889	18.876	ug/l	97
39) Methylcyclohexane	9.457	83	124879	11.571	ug/l	95
40) Benzene	8.457	78	520986	18.190	ug/l	99
52) Toluene	10.504	92	212670	11.746	ug/l	99
67) Ethyl Benzene	11.839	91	2184531	57.932	ug/l	99
68) m/p-Xylenes	11.951	106	765652	52.846	ug/l	99
69) o-Xylene	12.274	106	29902	2.079	ug/l	96
73) Isopropylbenzene	12.574	105	3318009	87.575	ug/l	100
78) n-propylbenzene	12.916	91	2008484	50.396	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	606207	20.697	ug/l	99
85) sec-Butylbenzene	13.498	105	121889	3.427	ug/l #	67
89) n-Butylbenzene	13.939	91	105572	5.019	ug/l #	71
95) Naphthalene	15.504	128	1153033	55.836	ug/l	100

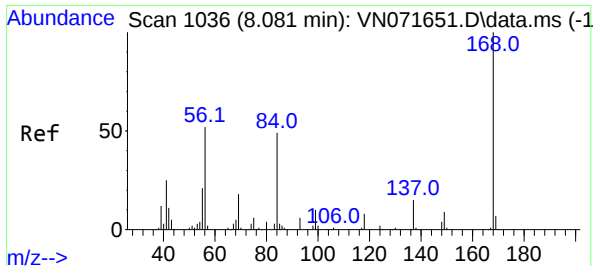
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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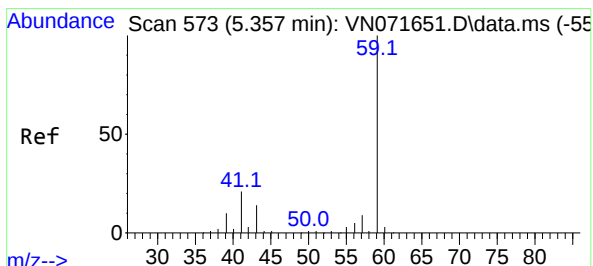
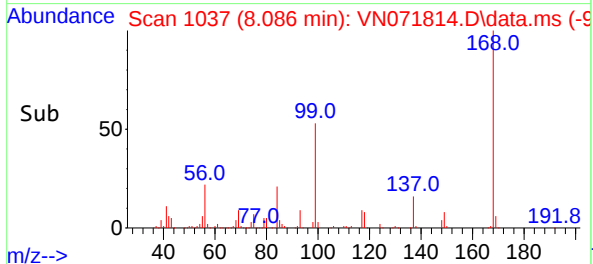
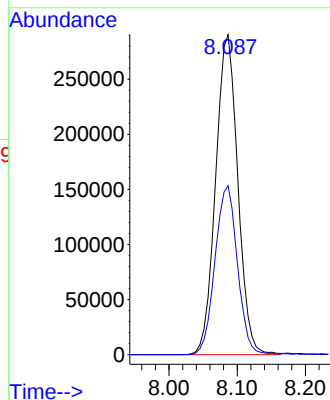
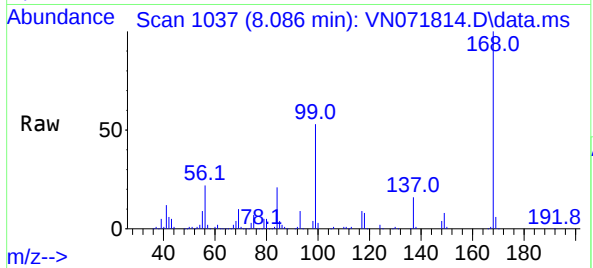




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

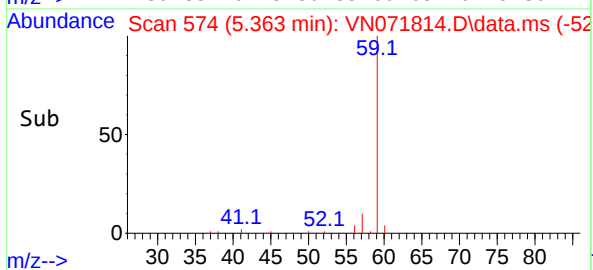
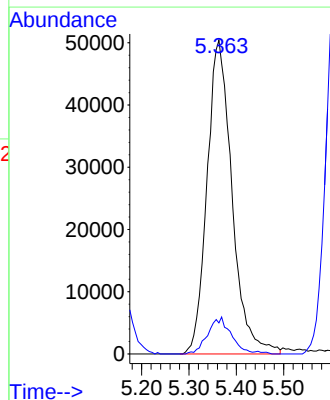
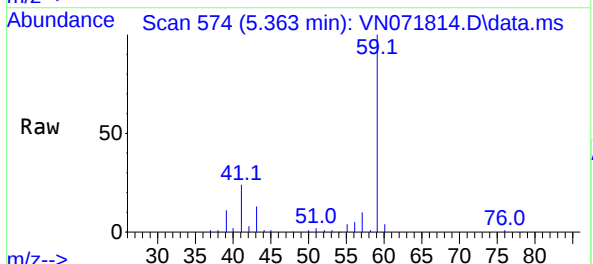
Instrument :
MSVOA_N
ClientSampleId :
MW-3-BD

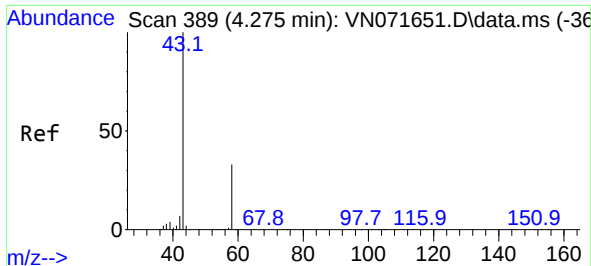
Tgt Ion:168 Resp: 658207
Ion Ratio Lower Upper
168 100
99 52.8 42.3 63.5



#11
Tert butyl alcohol
Concen: 151.515 ug/l
RT: 5.363 min Scan# 574
Delta R.T. 0.006 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

Tgt Ion: 59 Resp: 184762
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

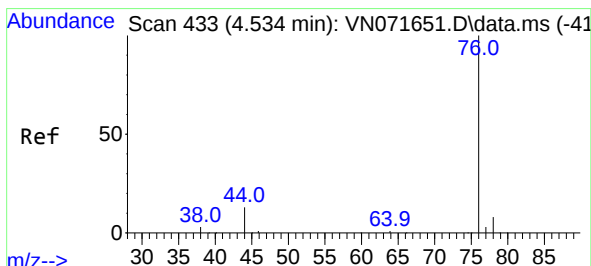
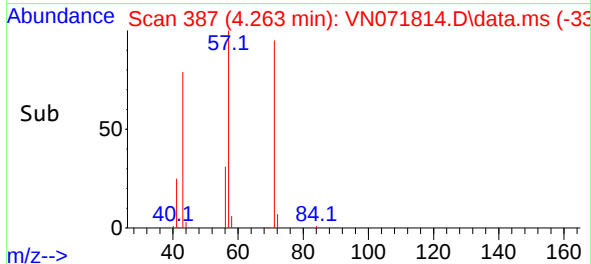
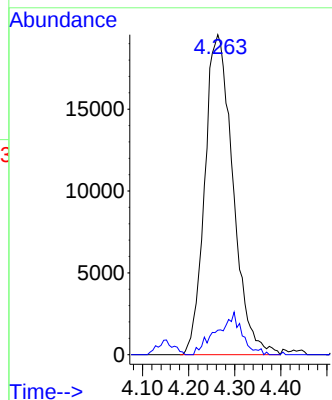
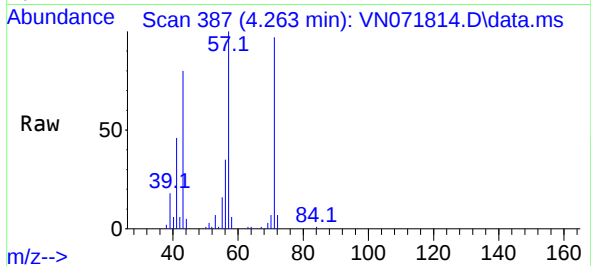




#16
Acetone
Concen: 25.847 ug/l
RT: 4.263 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

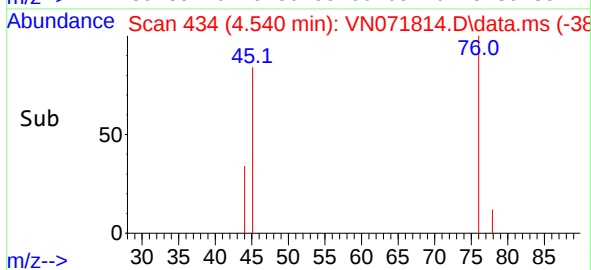
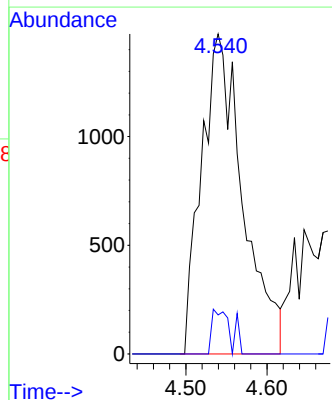
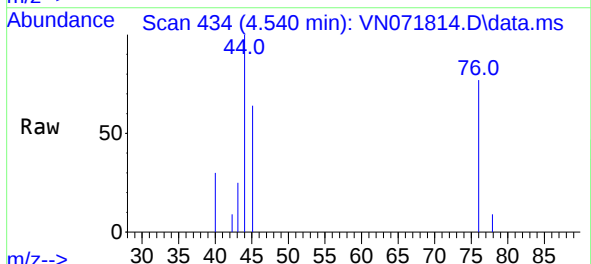
Instrument :
MSVOA_N
ClientSampleId :
MW-3-BD

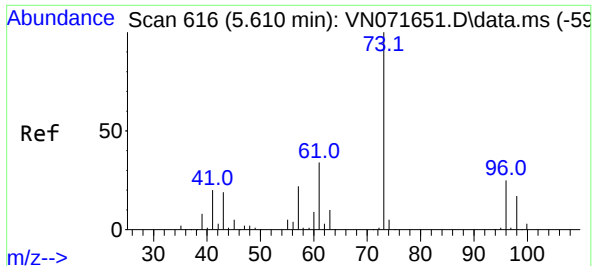
Tgt Ion: 43 Resp: 83003
Ion Ratio Lower Upper
43 100
58 7.6 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.418 ug/l
RT: 4.540 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

Tgt Ion: 76 Resp: 5210
Ion Ratio Lower Upper
76 100
78 12.2 7.2 10.8#

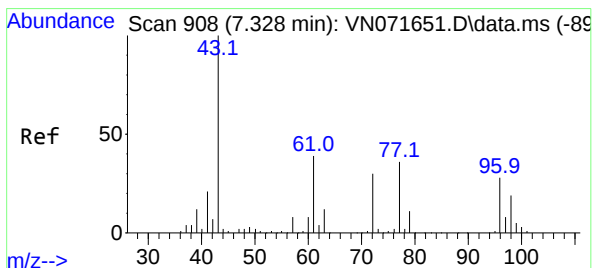
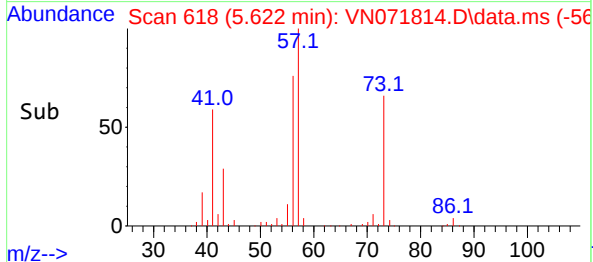
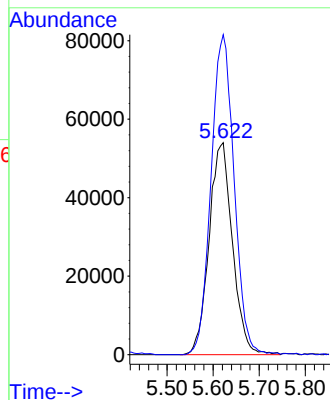
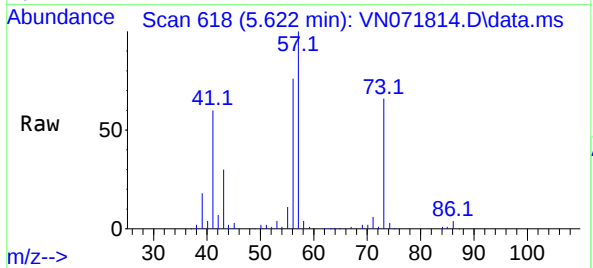




#19
Methyl tert-butyl Ether
Concen: 9.444 ug/l
RT: 5.622 min Scan# 616
Delta R.T. 0.012 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

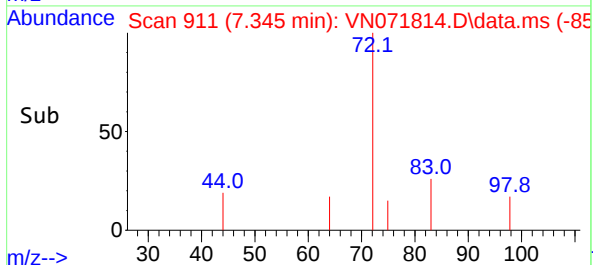
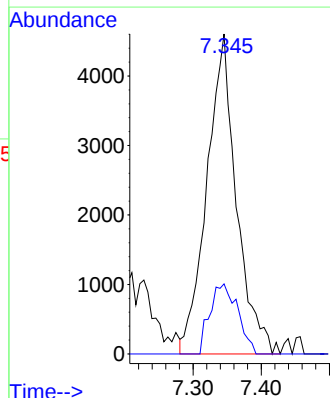
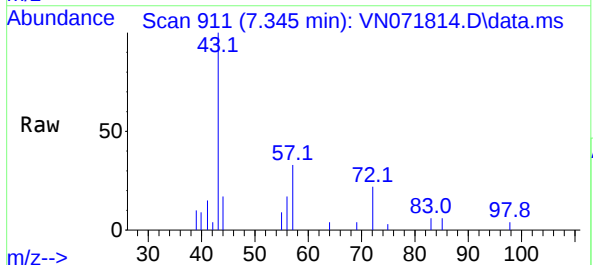
Instrument :
MSVOA_N
ClientSampleId :
MW-3-BD

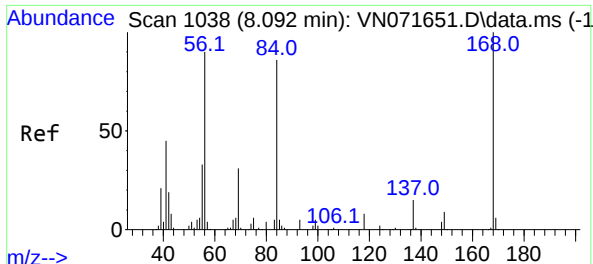
Tgt Ion: 73 Resp: 190616
Ion Ratio Lower Upper
73 100
57 151.0 17.6 26.4#



#25
2-Butanone
Concen: 2.998 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

Tgt Ion: 43 Resp: 13878
Ion Ratio Lower Upper
43 100
72 21.9 23.7 35.5#

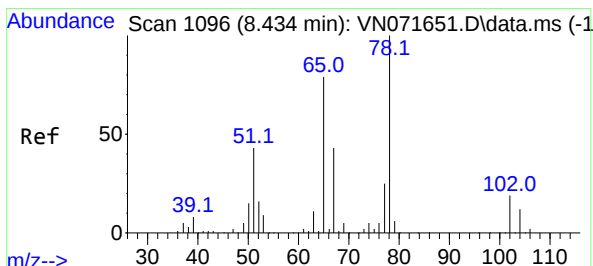
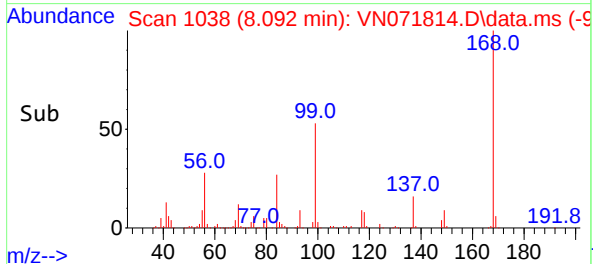
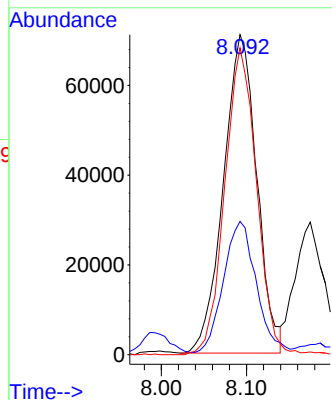
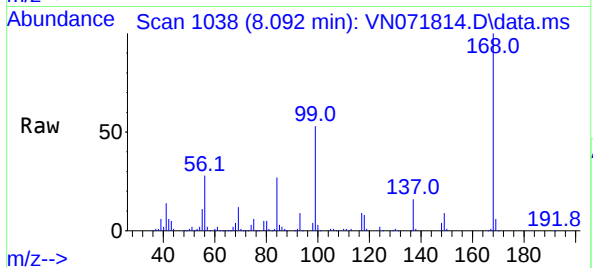




#31
Cyclohexane
Concen: 18.876 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

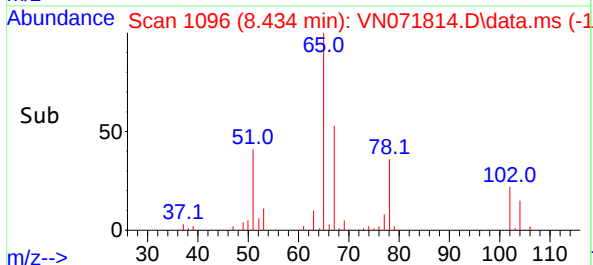
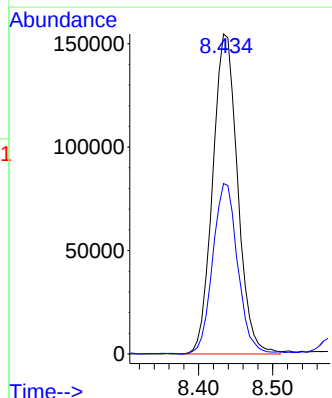
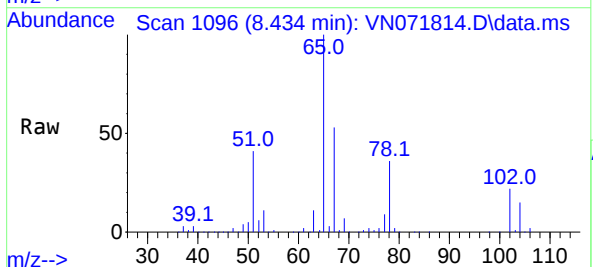
Instrument :
MSVOA_N
ClientSampleId :
MW-3-BD

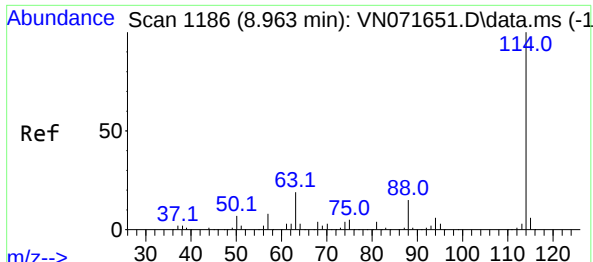
Tgt Ion: 56 Resp: 192889
Ion Ratio Lower Upper
56 100
69 40.0 27.8 41.8
84 96.4 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 48.138 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

Tgt Ion: 65 Resp: 361719
Ion Ratio Lower Upper
65 100
67 53.6 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: VN071814.D

Acq: 02 Apr 2022 21:47

Instrument :

MSVOA_N

ClientSampleId :

MW-3-BD

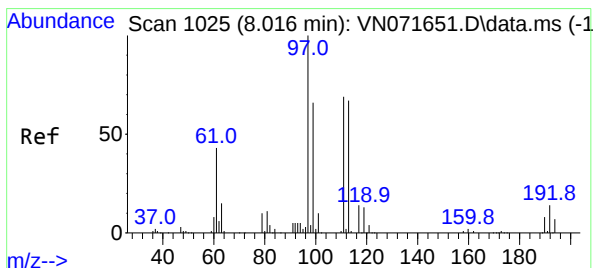
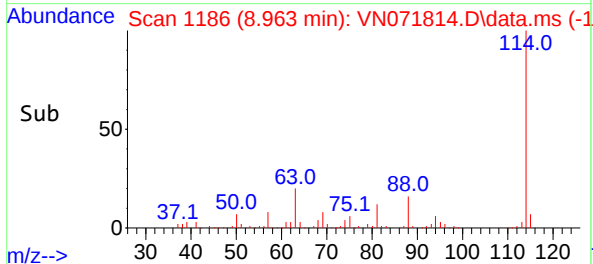
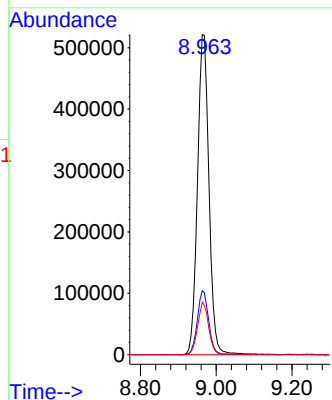
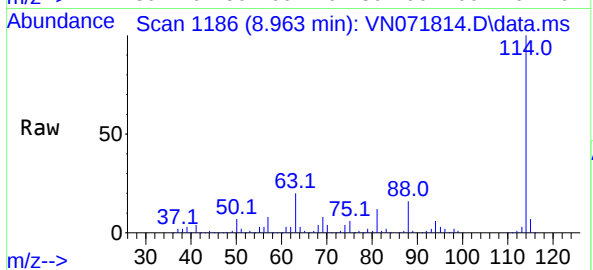
Tgt Ion:114 Resp: 1103369

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 16.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.940 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071814.D

Acq: 02 Apr 2022 21:47

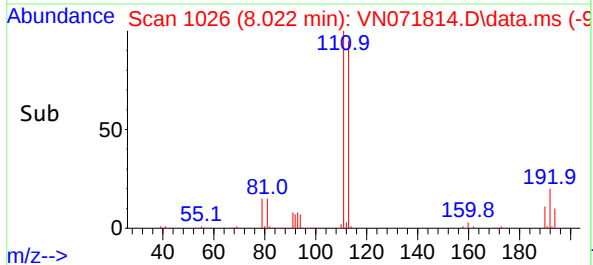
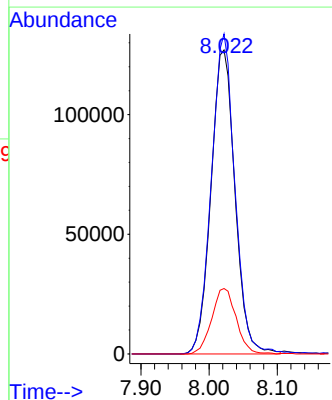
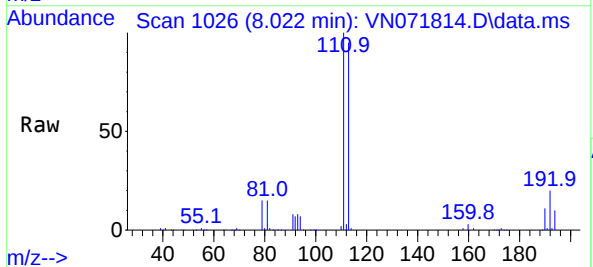
Tgt Ion:113 Resp: 311263

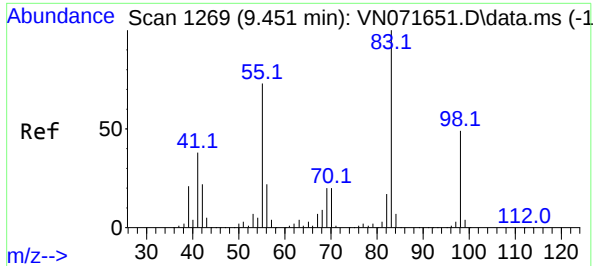
Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 21.9 17.0 25.6

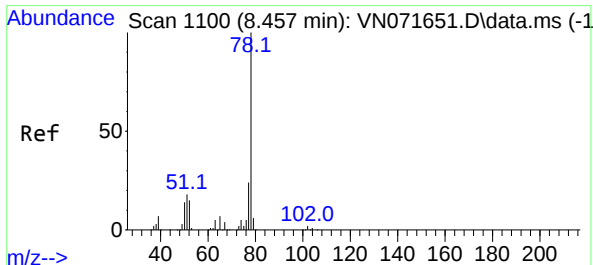
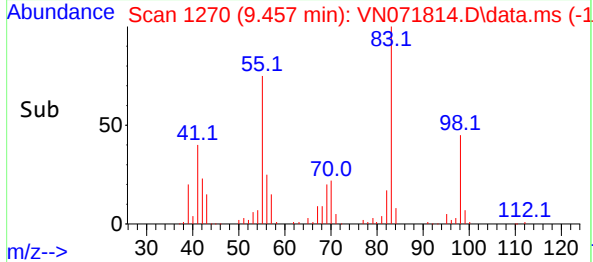
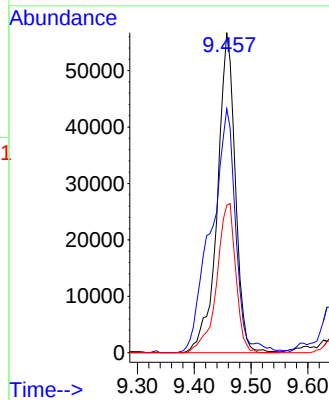
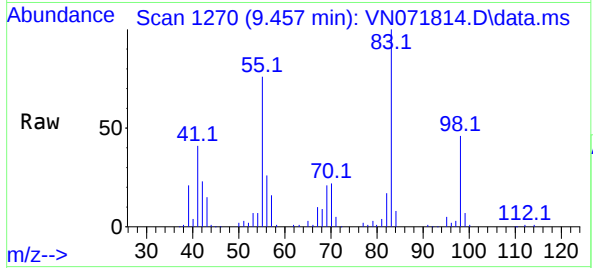




#39
Methylcyclohexane
Concen: 11.571 ug/l
RT: 9.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

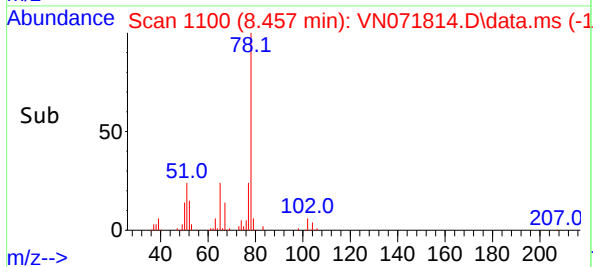
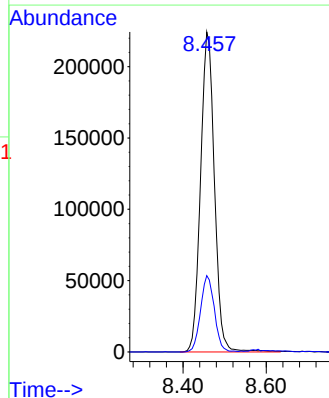
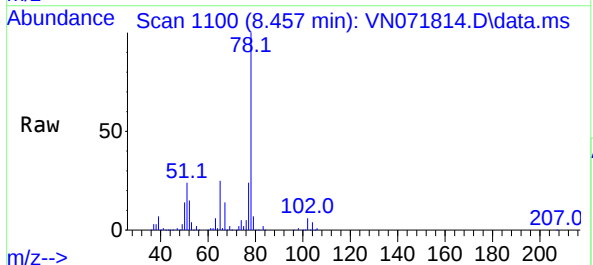
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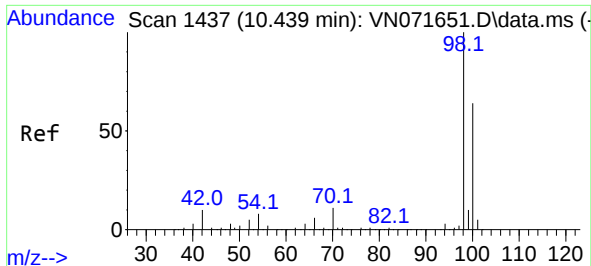
Tgt Ion: 83 Resp: 124879
Ion Ratio Lower Upper
83 100
55 75.9 57.8 86.8
98 46.1 39.4 59.2



#40
Benzene
Concen: 18.190 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

Tgt Ion: 78 Resp: 520986
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0

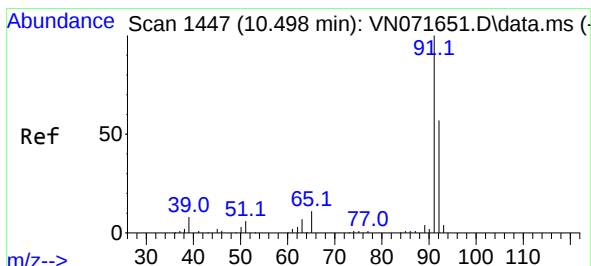
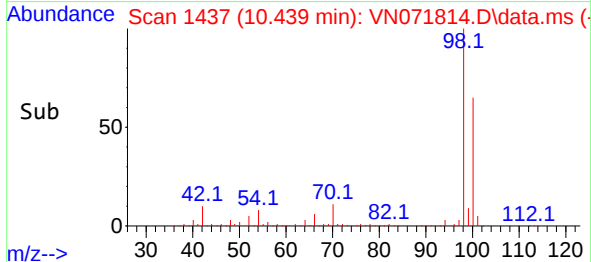
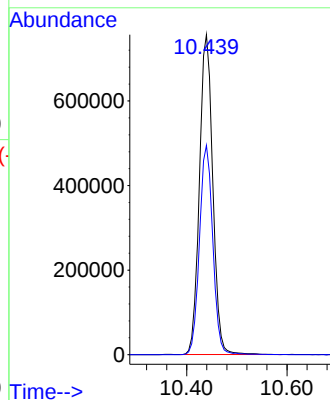
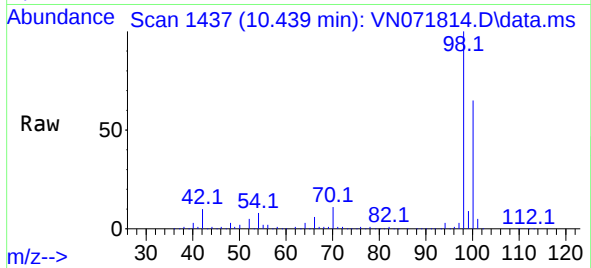




#50
Toluene-d8
Concen: 52.594 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

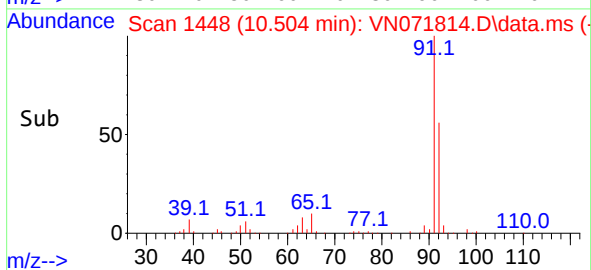
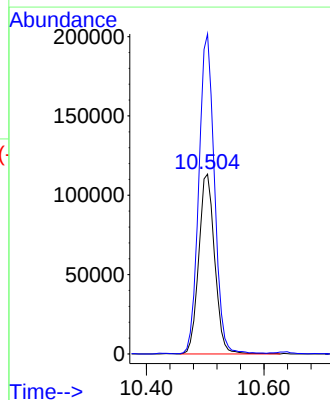
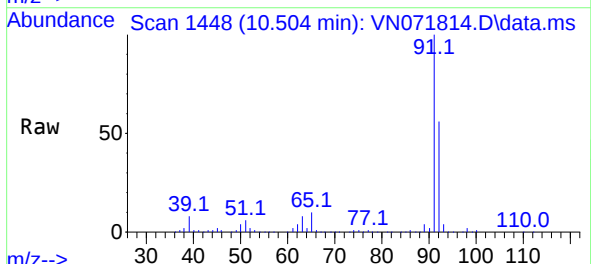
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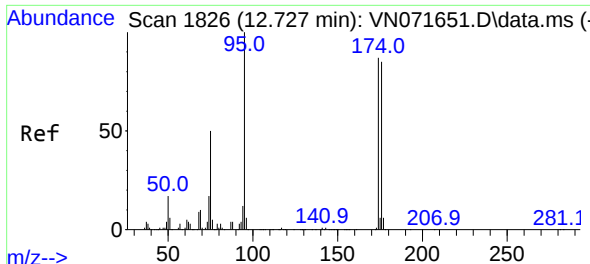
Tgt Ion: 98 Resp: 1396895
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#52
Toluene
Concen: 11.746 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

Tgt Ion: 92 Resp: 212670
Ion Ratio Lower Upper
92 100
91 174.1 138.6 207.8

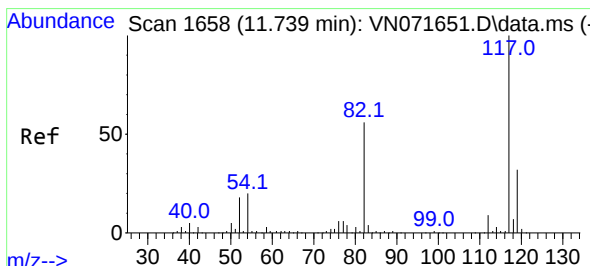
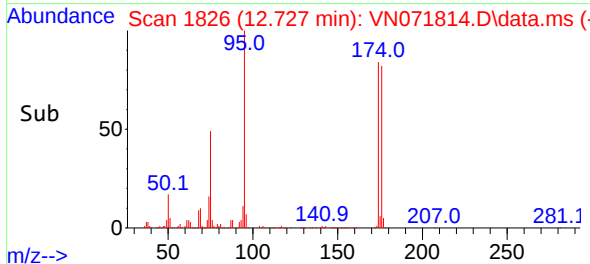
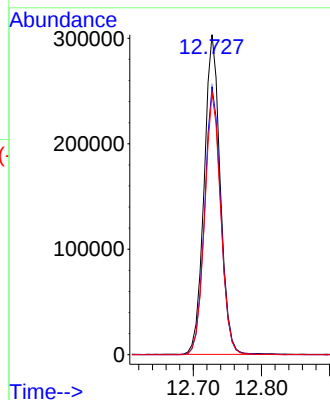
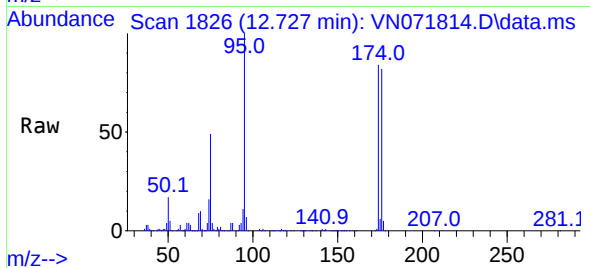




#62
4-Bromofluorobenzene
Concen: 57.864 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

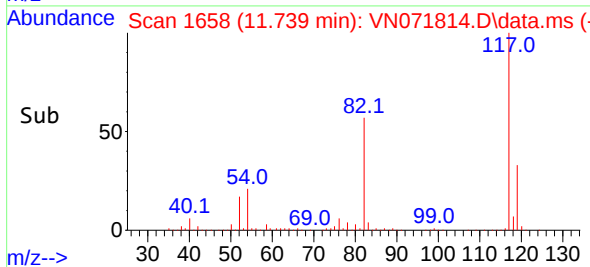
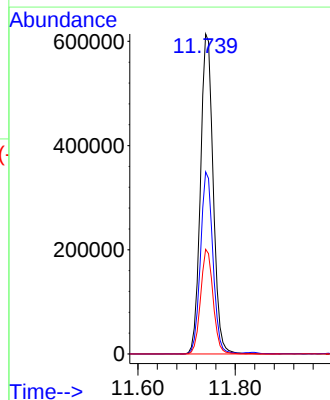
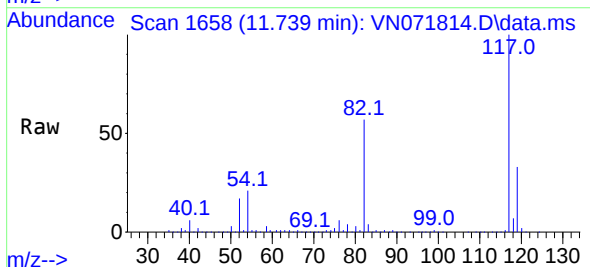
Instrument :
MSVOA_N
ClientSampleId :
MW-3-BD

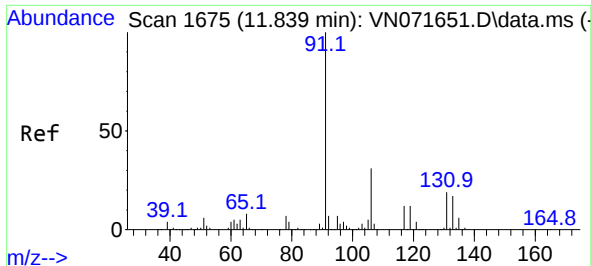
Tgt Ion: 95 Resp: 497047
Ion Ratio Lower Upper
95 100
174 84.4 0.0 167.6
176 81.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

Tgt Ion: 117 Resp: 1112432
Ion Ratio Lower Upper
117 100
82 56.9 44.2 66.2
119 32.7 25.4 38.0

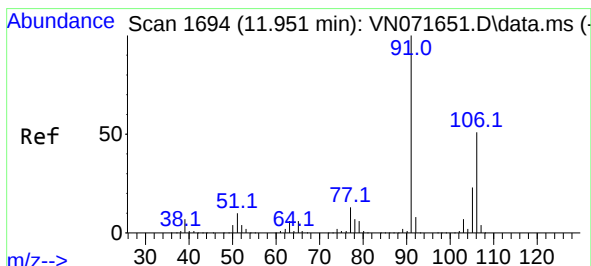
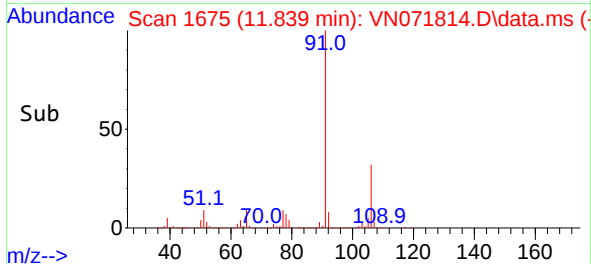
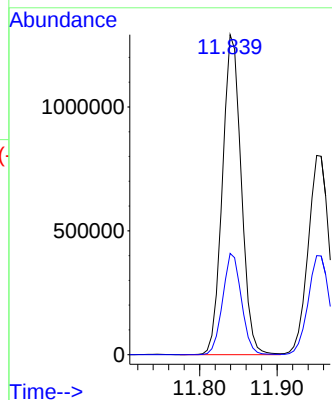
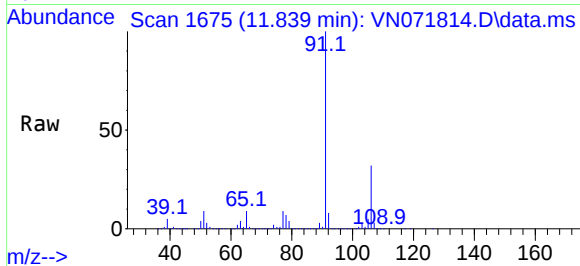




#67
Ethyl Benzene
Concen: 57.932 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

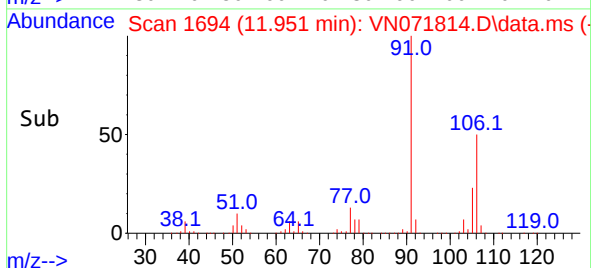
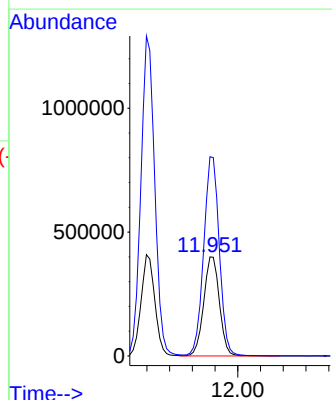
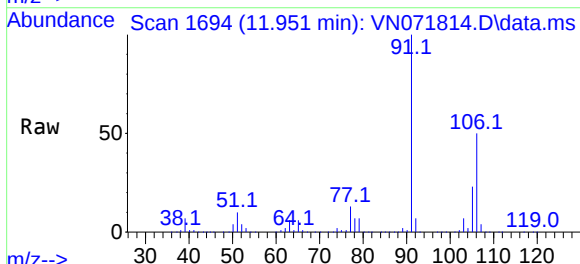
Instrument :
MSVOA_N
ClientSampleId :
MW-3-BD

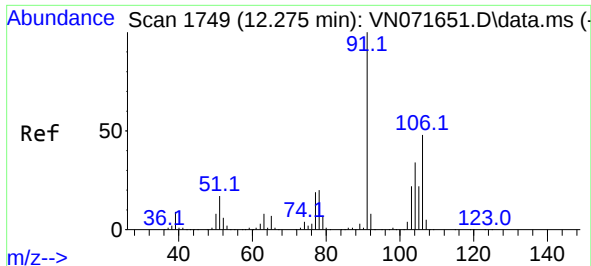
Tgt Ion: 91 Resp: 2184531
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3



#68
m/p-Xylenes
Concen: 52.846 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

Tgt Ion: 106 Resp: 765652
Ion Ratio Lower Upper
106 100
91 199.4 158.9 238.3

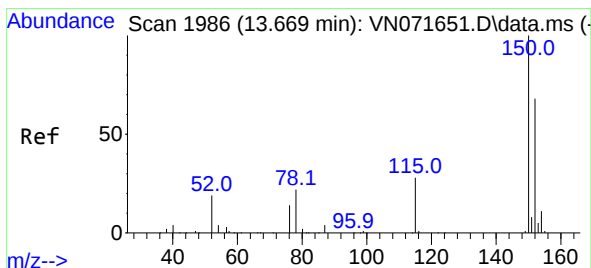
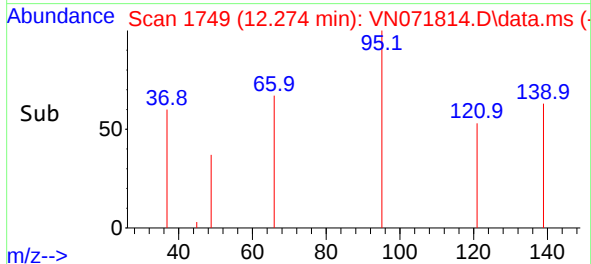
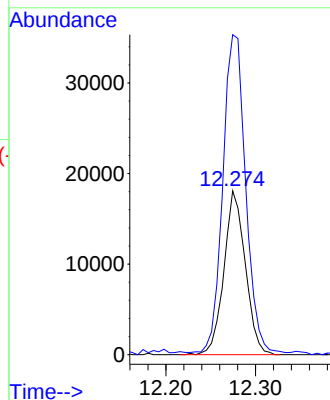
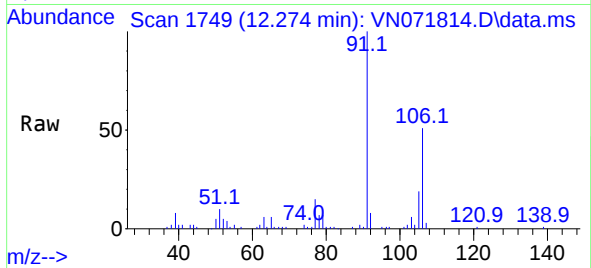




#69
o-Xylene
Concen: 2.079 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

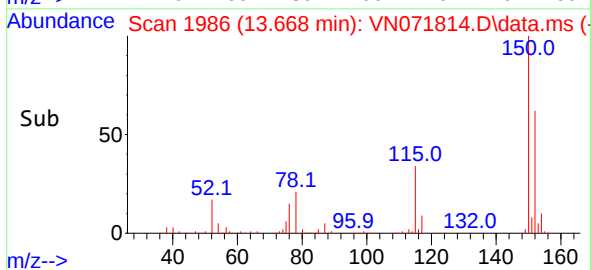
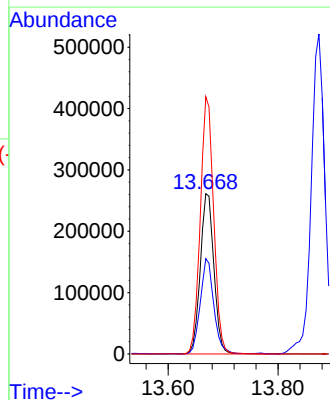
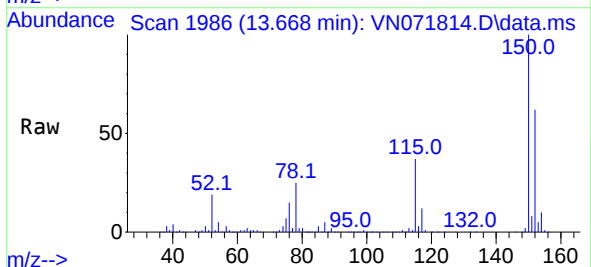
Instrument :
MSVOA_N
ClientSampleId :
MW-3-BD

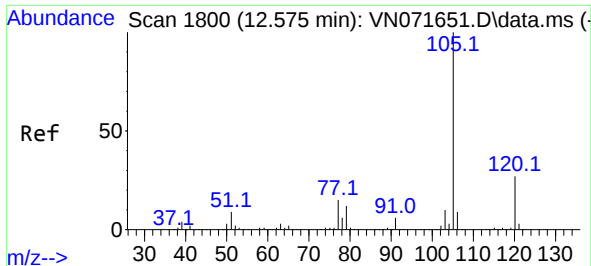
Tgt Ion:106 Resp: 29902
Ion Ratio Lower Upper
106 100
91 206.0 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

Tgt Ion:152 Resp: 449610
Ion Ratio Lower Upper
152 100
115 58.8 28.9 86.7
150 157.7 0.0 356.2

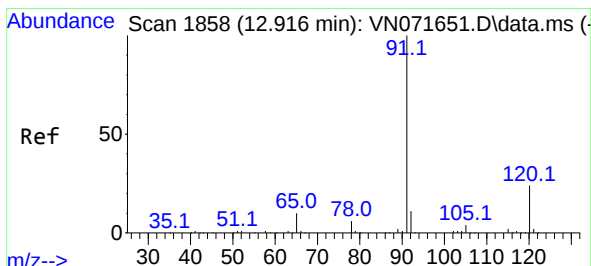
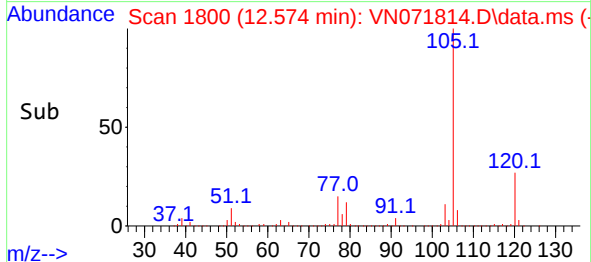
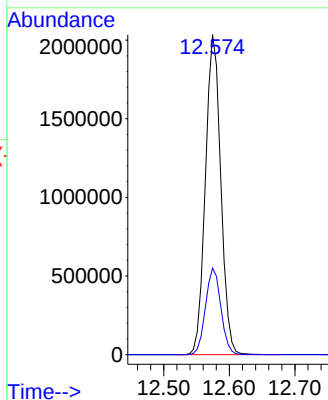
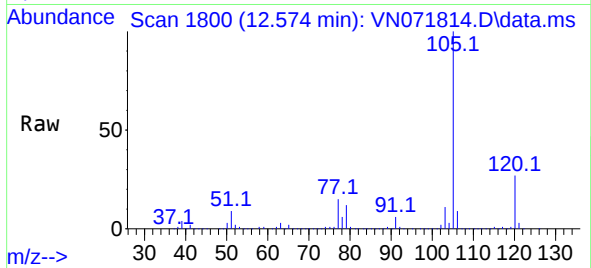




#73
Isopropylbenzene
Concen: 87.575 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

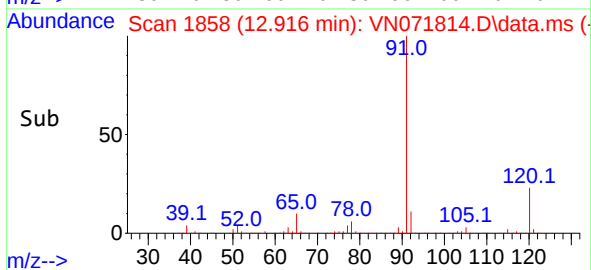
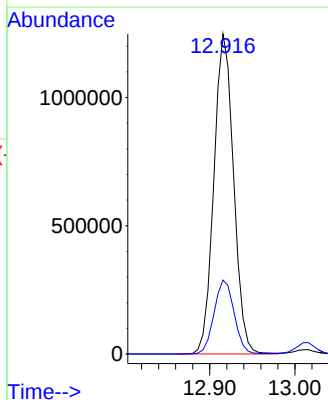
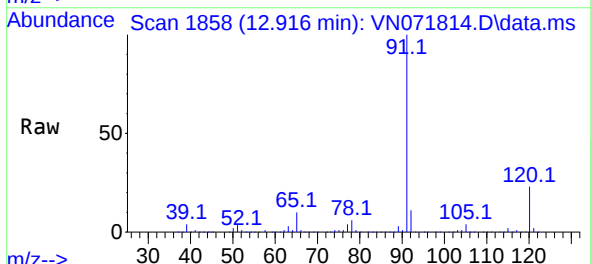
Instrument :
MSVOA_N
ClientSampleId :
MW-3-BD

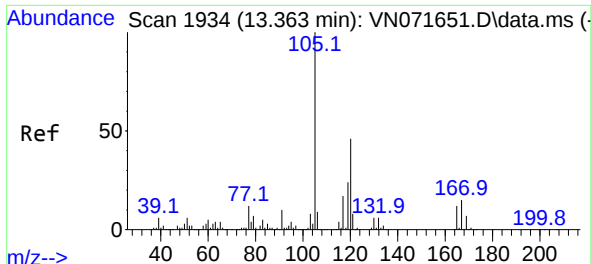
Tgt Ion:105 Resp: 3318009
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4



#78
n-propylbenzene
Concen: 50.396 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

Tgt Ion: 91 Resp: 2008484
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.5

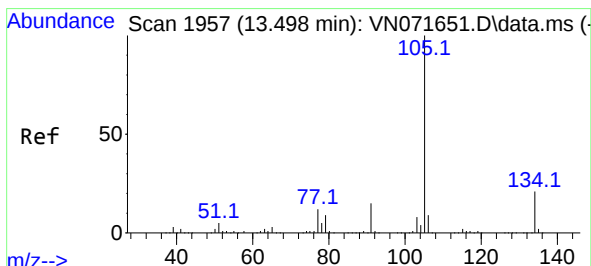
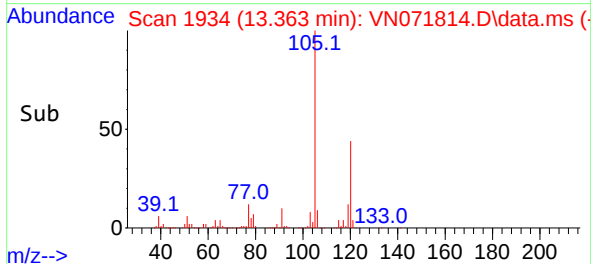
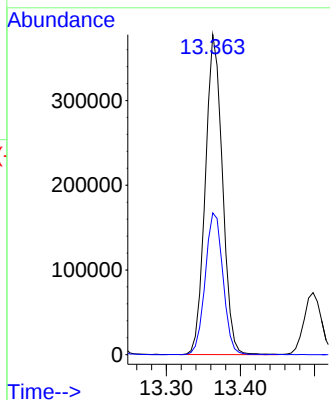
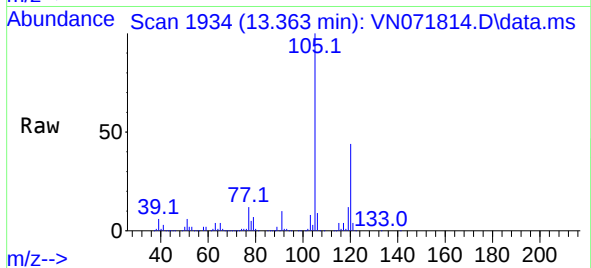




#84
1,2,4-Trimethylbenzene
Concen: 20.697 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

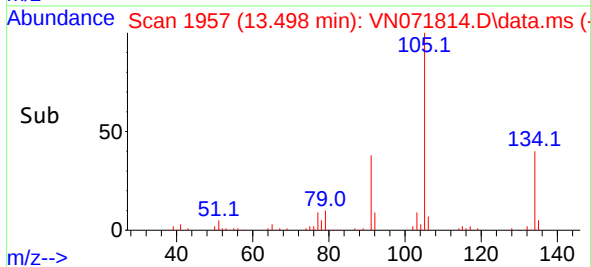
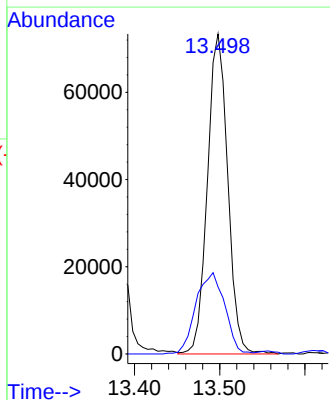
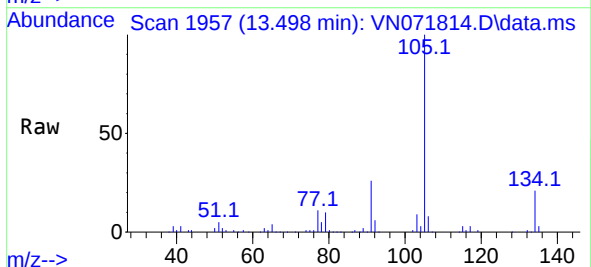
Instrument :
MSVOA_N
ClientSampleId :
MW-3-BD

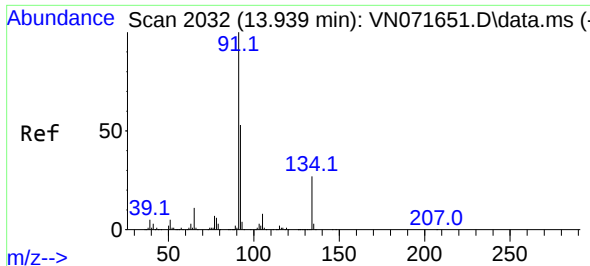
Tgt Ion:105 Resp: 606207
Ion Ratio Lower Upper
105 100
120 45.9 23.3 69.8



#85
sec-Butylbenzene
Concen: 3.427 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

Tgt Ion:105 Resp: 121889
Ion Ratio Lower Upper
105 100
134 36.0 10.4 31.1#

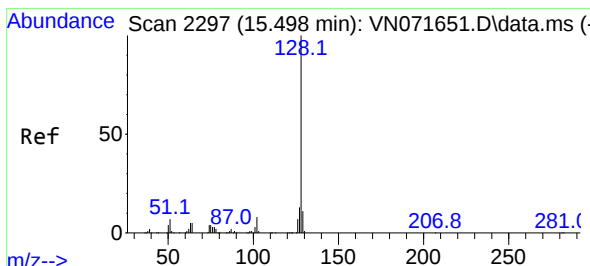
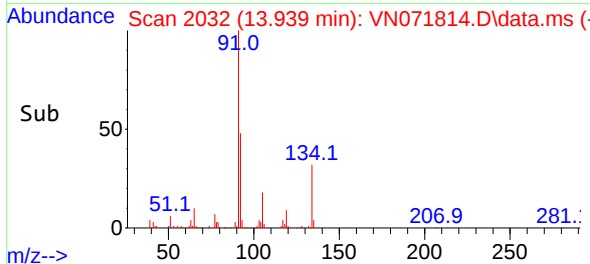
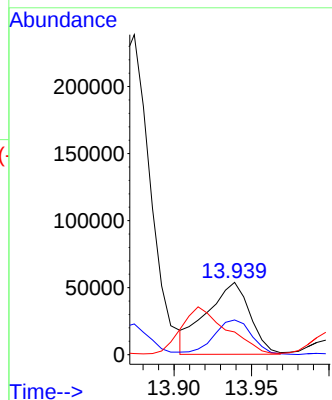
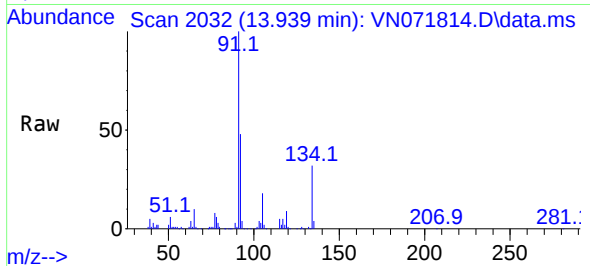




#89
n-Butylbenzene
Concen: 5.019 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

Instrument :
MSVOA_N
ClientSampleId :
MW-3-BD

Tgt Ion: 91 Resp: 105572
Ion Ratio Lower Upper
91 100
92 41.5 26.9 80.7
134 0.0 13.6 40.8#



#95
Naphthalene
Concen: 55.836 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071814.D
Acq: 02 Apr 2022 21:47

Tgt Ion:128 Resp: 1153033
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.6 13.0

