

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072992.D
 Acq On : 21 Jun 2022 18:45
 Operator : JC\MD
 Sample : N3381-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Jun 22 07:02:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	302409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	483852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	428209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	208453	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	180473	44.142	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.280%
35) Dibromofluoromethane	7.951	113	153741	51.407	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.820%
50) Toluene-d8	10.375	98	498522	44.798	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.600%
62) 4-Bromofluorobenzene	12.669	95	213292	53.302	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.600%

Target Compounds						Qvalue
3) Chloromethane	2.263	50	753	0.810	ug/l #	82
5) Bromomethane	2.834	94	731	0.719	ug/l	91
6) Chloroethane	2.993	64	723	0.448	ug/l #	42
10) Methyl Iodide	4.357	142	936	0.281	ug/l #	64
11) Tert butyl alcohol	5.287	59	1494	1.415	ug/l #	82
13) Acrolein	3.975	56	240	0.577	ug/l #	16
15) Acrylonitrile	5.493	53	2018	0.829	ug/l #	61
16) Acetone	4.234	43	95612	42.543	ug/l	93
17) Carbon Disulfide	4.463	76	3735	0.503	ug/l #	87
18) Methyl Acetate	4.787	43	4860	0.812	ug/l #	58
20) Methylene Chloride	5.016	84	426	Below Cal	#	46
21) trans-1,2-Dichloroethene	5.516	96	633	0.201	ug/l #	40
25) 2-Butanone	7.275	43	9967	2.795	ug/l	94
26) 2,2-Dichloropropane	7.069	77	119	Below Cal	#	53
29) Tetrahydrofuran	7.639	42	2582	1.096	ug/l #	73
31) Cyclohexane	8.016	56	10613	1.919	ug/l #	51
37) Ethyl Acetate	7.345	43	1785	0.276	ug/l #	80
38) Carbon Tetrachloride	8.010	117	30927	7.266	ug/l #	17
39) Methylcyclohexane	9.386	83	1059	0.217	ug/l	94
40) Benzene	8.392	78	125120	9.838	ug/l	100
44) Trichloroethene	9.145	130	690	0.214	ug/l	59
49) 1,4-Dioxane	9.504	88	121	1.273	ug/l #	1
51) 4-Methyl-2-Pentanone	10.269	43	6744	1.118	ug/l #	81
52) Toluene	10.445	92	32159	4.119	ug/l	99
59) 2-Hexanone	11.022	43	5480	1.174	ug/l	98
67) Ethyl Benzene	11.780	91	124470	8.455	ug/l	98
68) m/p-Xylenes	11.892	106	79981	13.852	ug/l	98
69) o-Xylene	12.216	106	56664	9.821	ug/l	94
70) Styrene	12.227	104	4510	0.487	ug/l #	1
73) Isopropylbenzene	12.516	105	4469	0.277	ug/l	99
74) N-amyl acetate	12.322	43	3818	0.456	ug/l #	78
76) 1,2,3-Trichloropropane	12.669	75	110229	21.811	ug/l #	1
77) Bromobenzene	12.792	156	813	0.210	ug/l	73
78) n-propylbenzene	12.857	91	6576	0.371	ug/l	98
79) 2-Chlorotoluene	12.945	91	4013	0.349	ug/l	72
80) 1,3,5-Trimethylbenzene	12.998	105	6515	0.492	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

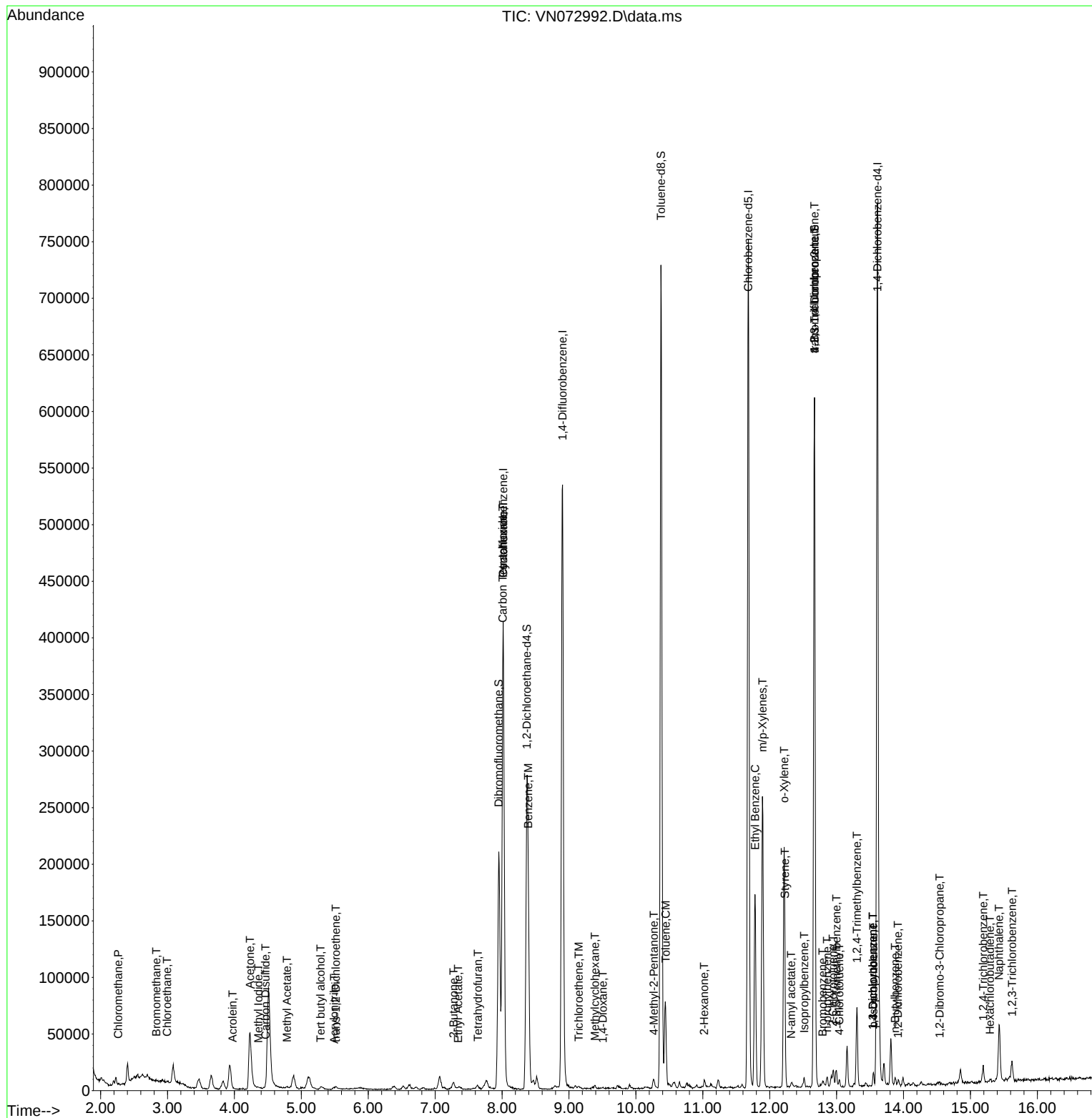
81) trans-1,4-Dichloro-2-b...	12.669	75	110229	58.902	ug/l #	10
82) 4-Chlorotoluene	13.039	91	3622	0.333	ug/l	89
84) 1,2,4-Trimethylbenzene	13.304	105	37979	2.879	ug/l	100
86) p-Isopropyltoluene	13.551	119	3032	0.231	ug/l	91
87) 1,3-Dichlorobenzene	13.545	146	3047	0.442	ug/l	88
88) 1,4-Dichlorobenzene	13.545	146	3047	0.436	ug/l	87
89) n-Butylbenzene	13.874	91	4063	0.380	ug/l	96
91) 1,2-Dichlorobenzene	13.916	146	2110	0.293	ug/l	72
92) 1,2-Dibromo-3-Chloropr...	14.539	75	601	0.328	ug/l	70
93) 1,2,4-Trichlorobenzene	15.192	180	4876	1.225	ug/l	97
94) Hexachlorobutadiene	15.292	225	585	0.338	ug/l #	70
95) Naphthalene	15.427	128	50734	3.151	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	6182	1.454	ug/l	94

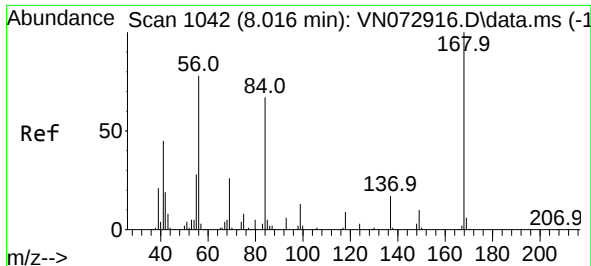
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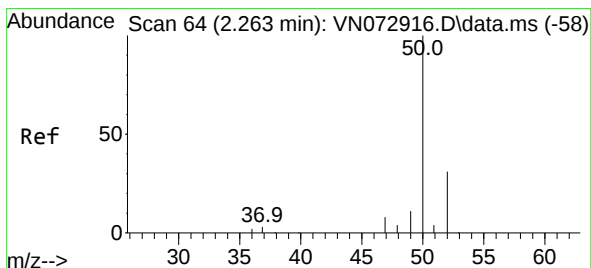
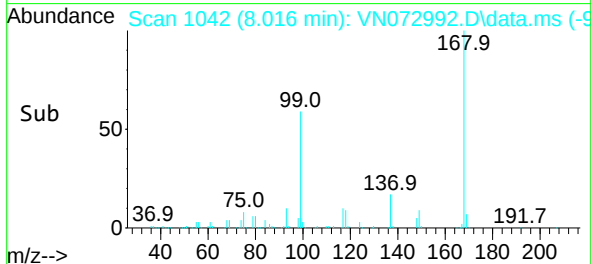
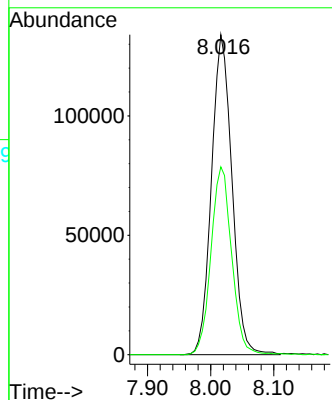
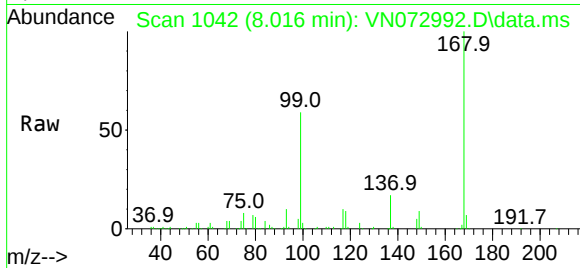




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

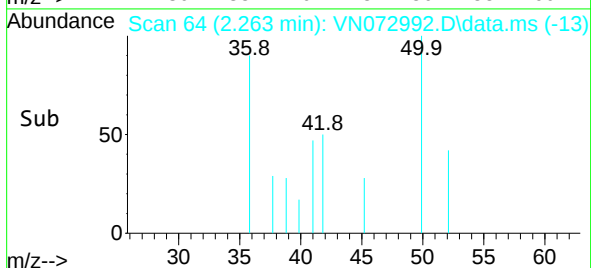
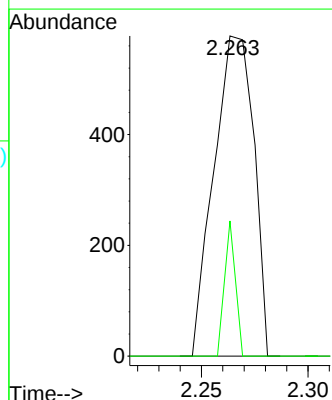
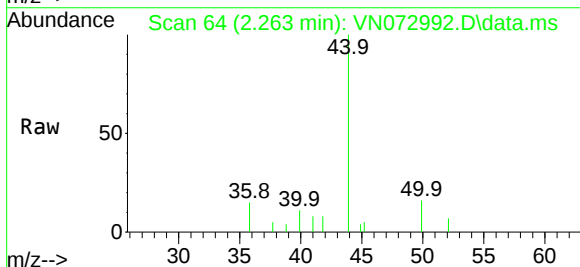
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ClientSampleId :
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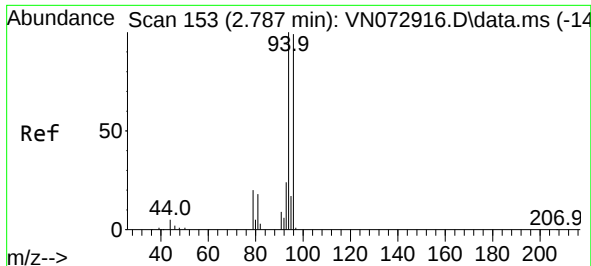
Tgt Ion:168 Resp: 302409
Ion Ratio Lower Upper
168 100
99 58.7 42.3 63.5



#3
Chloromethane
Concen: 0.810 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion: 50 Resp: 753
Ion Ratio Lower Upper
50 100
52 42.2 25.7 38.5#

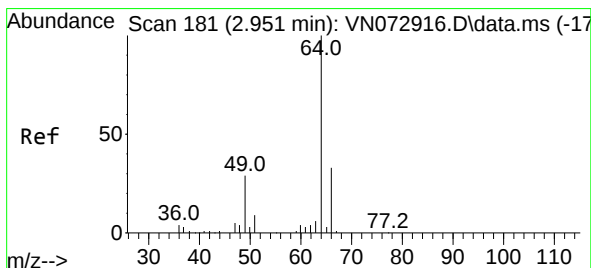
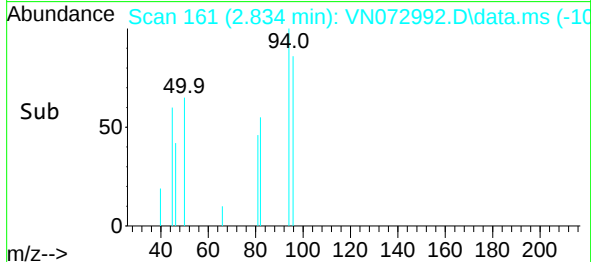
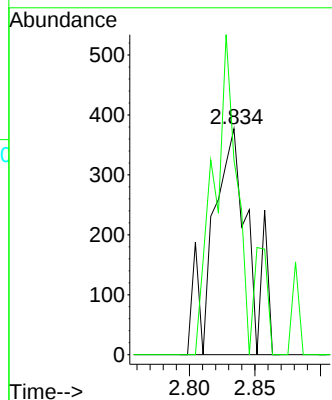
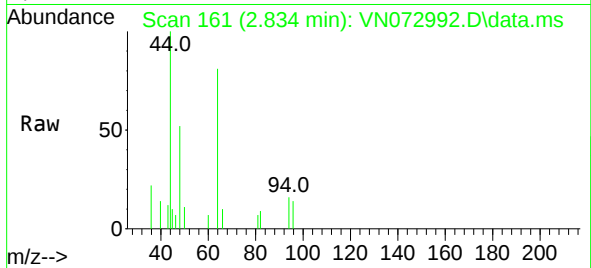




#5
Bromomethane
Concen: 0.719 ug/l
RT: 2.834 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

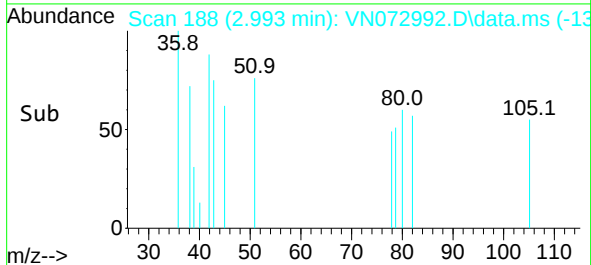
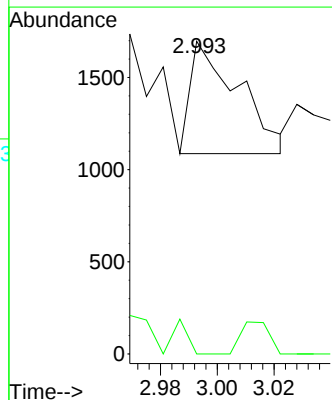
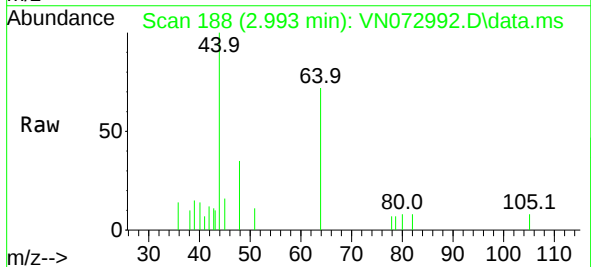
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ClientSampleId :
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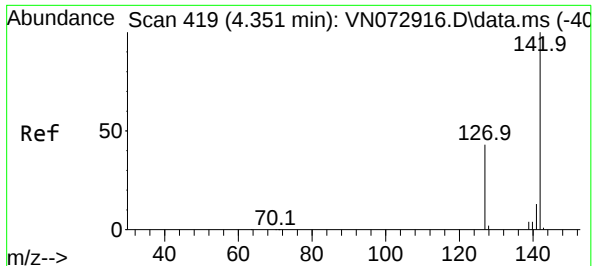
Tgt Ion: 94 Resp: 731
Ion Ratio Lower Upper
94 100
96 86.2 76.0 114.0



#6
Chloroethane
Concen: 0.448 ug/l
RT: 2.993 min Scan# 188
Delta R.T. 0.041 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion: 64 Resp: 723
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

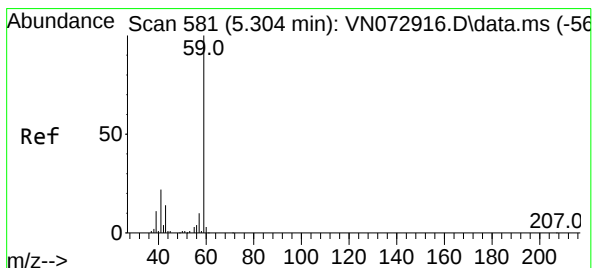
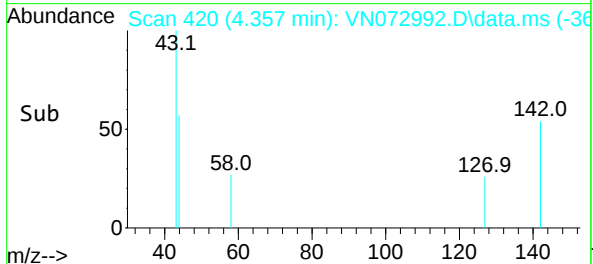
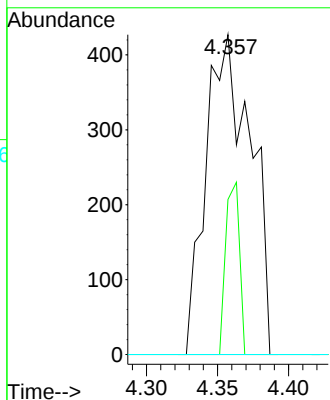
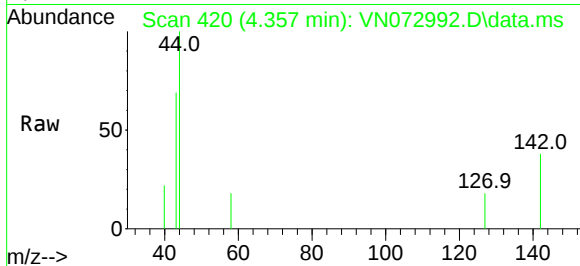




#10
Methyl Iodide
Concen: 0.281 ug/l
RT: 4.357 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

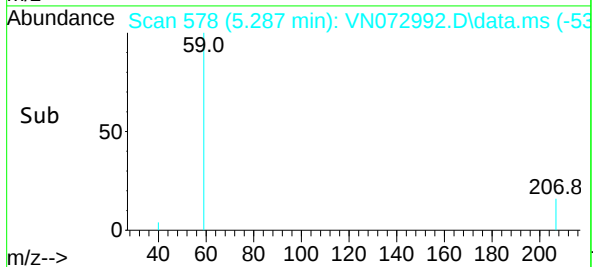
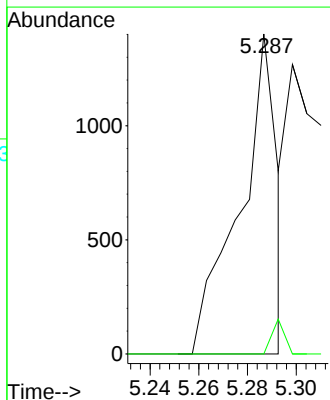
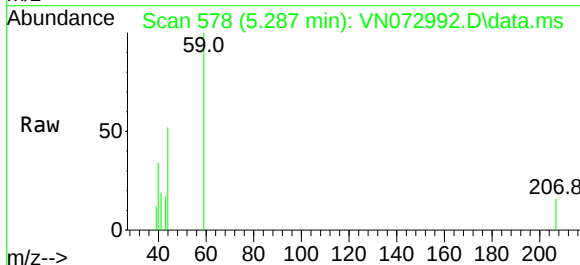
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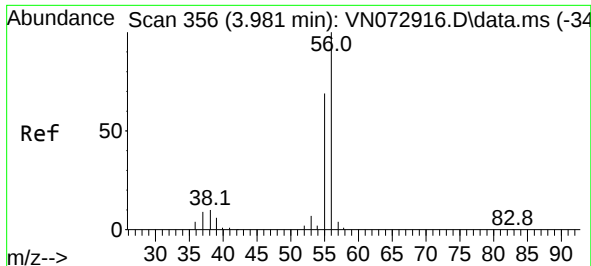
Tgt Ion:142 Resp: 936
Ion Ratio Lower Upper
142 100
127 16.5 31.3 46.9#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 1.415 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.018 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion: 59 Resp: 1494
Ion Ratio Lower Upper
59 100
57 3.6 8.3 12.5#

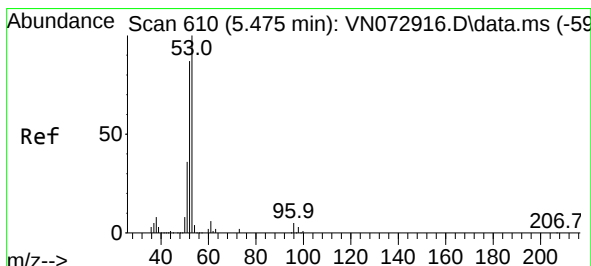
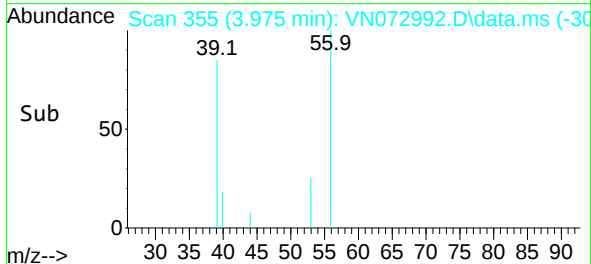
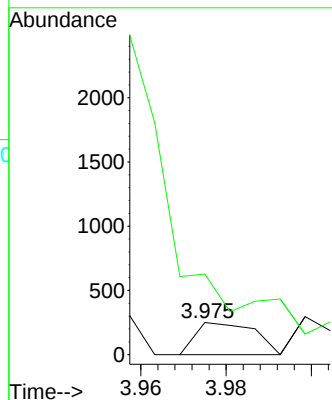
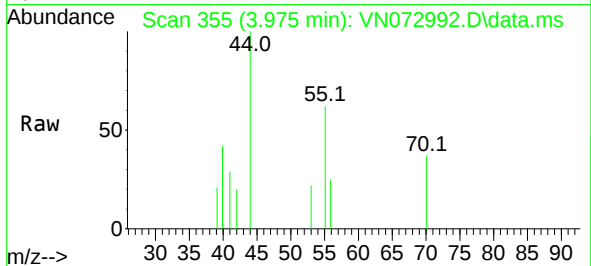




#13
Acrolein
Concen: 0.577 ug/l
RT: 3.975 min Scan# 313
Delta R.T. -0.006 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

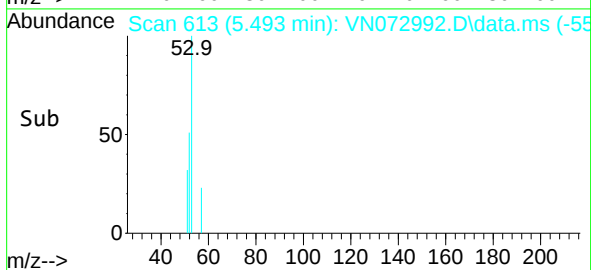
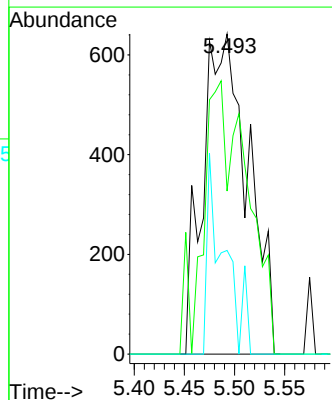
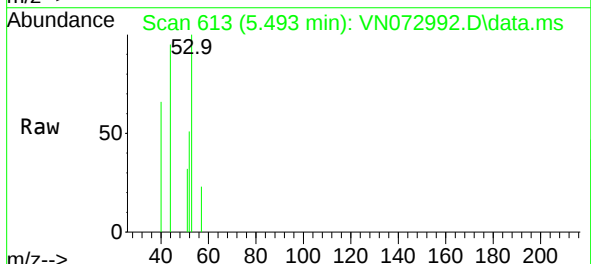
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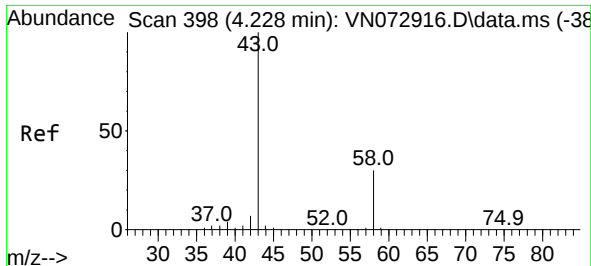
Tgt Ion: 56 Resp: 240
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



#15
Acrylonitrile
Concen: 0.829 ug/l
RT: 5.493 min Scan# 613
Delta R.T. 0.018 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion: 53 Resp: 2018
Ion Ratio Lower Upper
53 100
52 40.3 66.4 99.6#
51 23.8 28.5 42.7#





#16

Acetone

Concen: 42.543 ug/l

RT: 4.234 min Scan# 398

Delta R.T. 0.006 min

Lab File: VN072992.D

Acq: 21 Jun 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

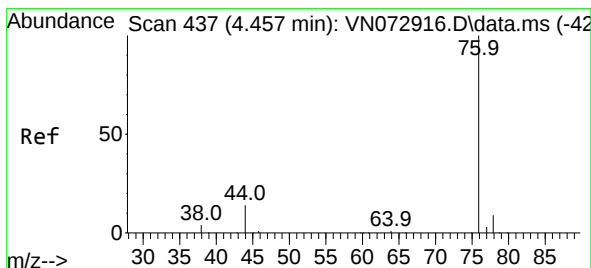
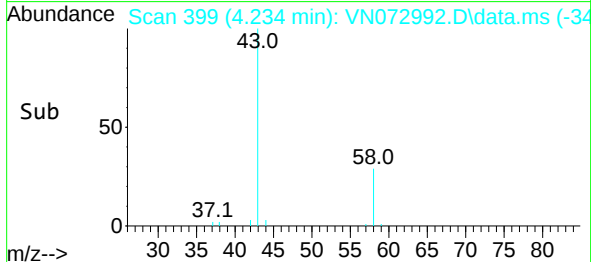
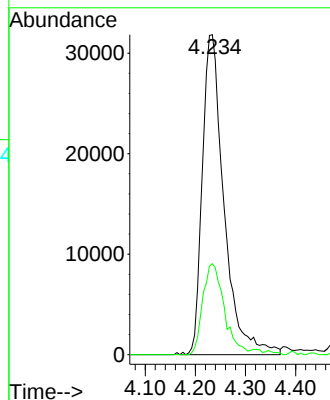
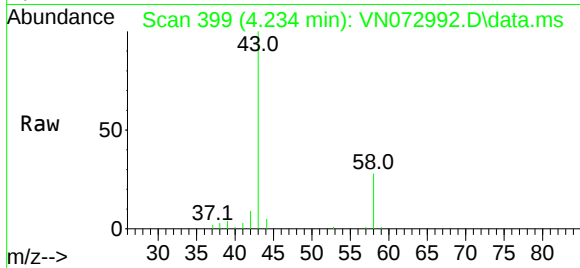
MW-3

Tgt Ion: 43 Resp: 95612

Ion Ratio Lower Upper

43 100

58 28.5 26.0 39.0



#17

Carbon Disulfide

Concen: 0.503 ug/l

RT: 4.463 min Scan# 438

Delta R.T. 0.006 min

Lab File: VN072992.D

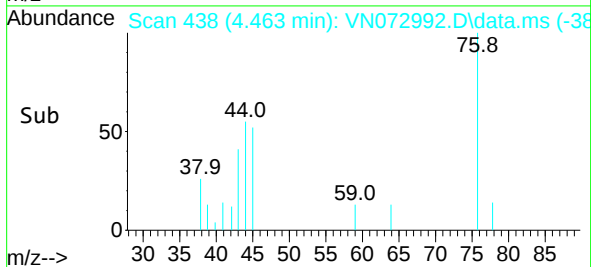
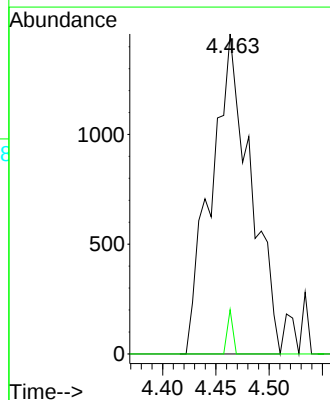
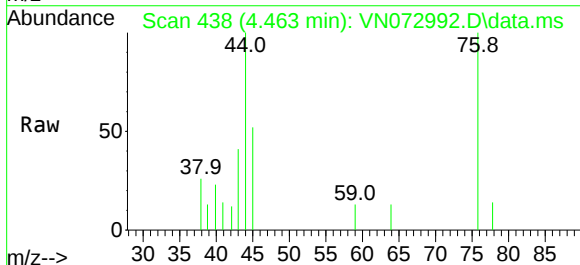
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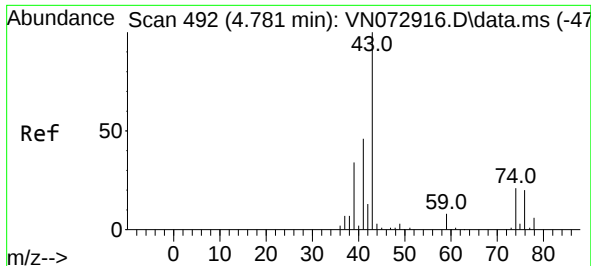
Tgt Ion: 76 Resp: 3735

Ion Ratio Lower Upper

76 100

78 13.9 7.2 10.8#

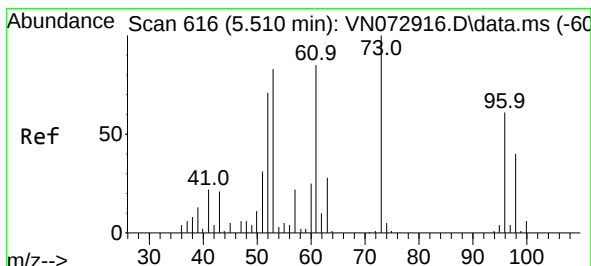
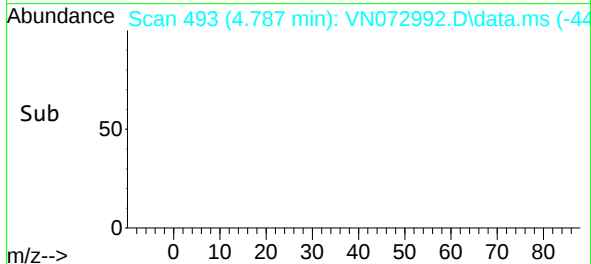
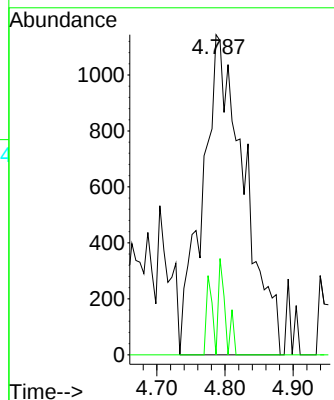
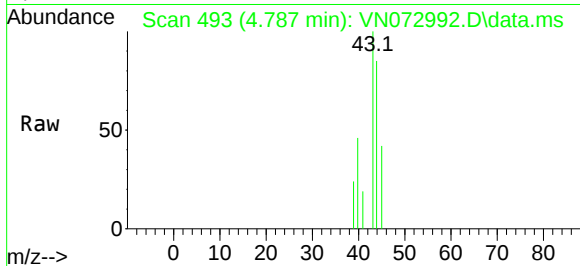




#18
Methyl Acetate
Concen: 0.812 ug/l
RT: 4.787 min Scan# 491
Delta R.T. 0.006 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

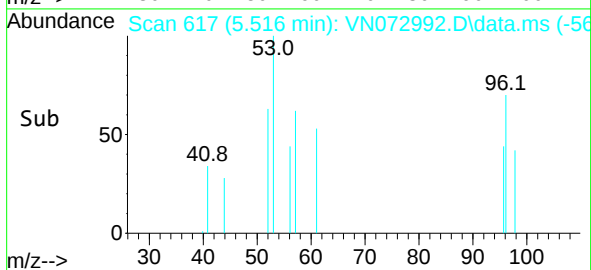
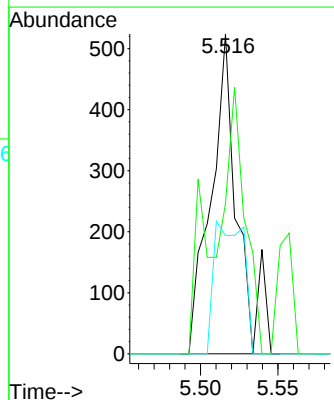
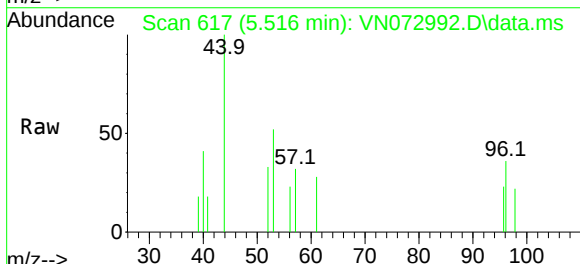
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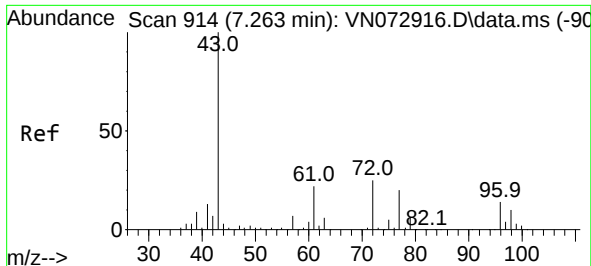
Tgt Ion: 43 Resp: 4860
Ion Ratio Lower Upper
43 100
74 5.2 21.6 32.4#



#21
trans-1,2-Dichloroethene
Concen: 0.201 ug/l
RT: 5.516 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion: 96 Resp: 633
Ion Ratio Lower Upper
96 100
61 46.9 105.8 158.8#
98 37.0 50.3 75.5#

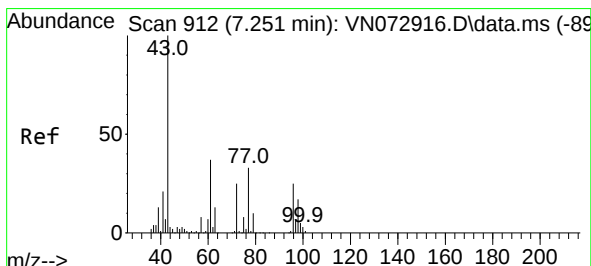
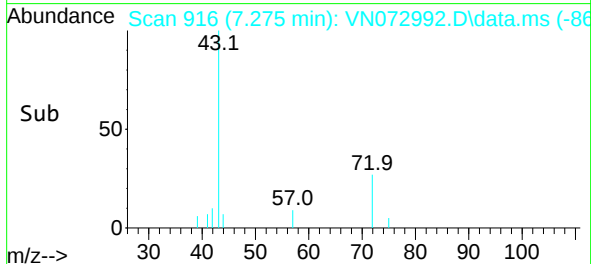
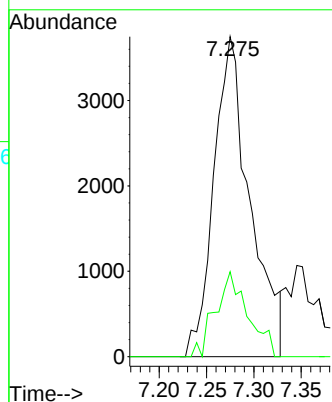
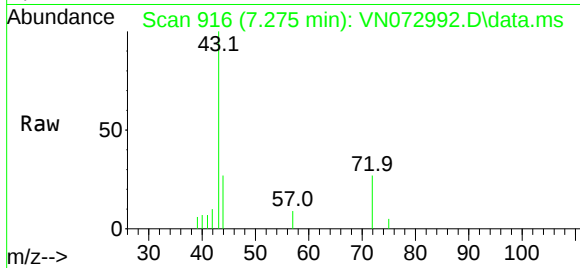




#25
2-Butanone
Concen: 2.795 ug/l
RT: 7.275 min Scan# 916
Delta R.T. 0.012 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

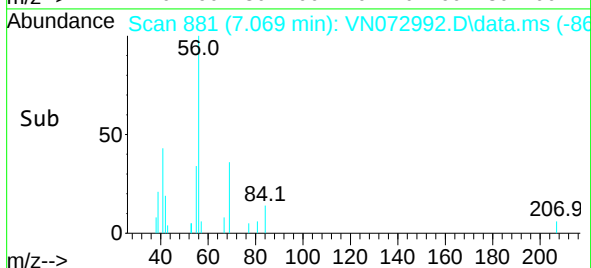
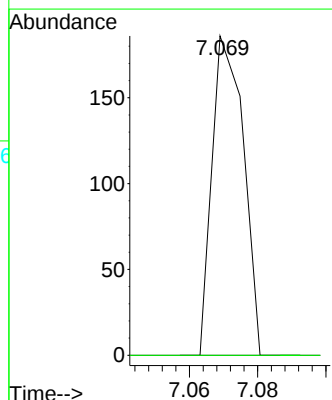
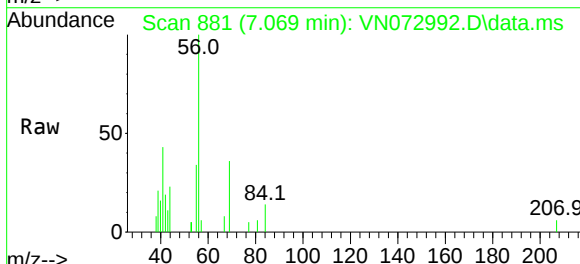
Instrument :
MSVOA_N
ClientSampleId :
MW-3

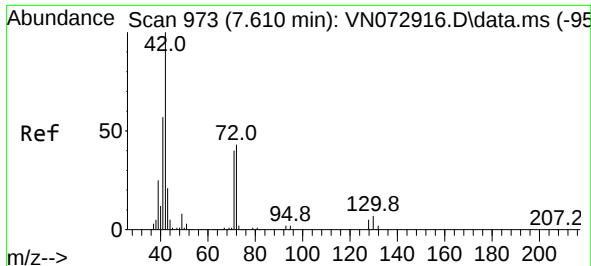
Tgt Ion: 43 Resp: 9967
Ion Ratio Lower Upper
43 100
72 26.6 23.7 35.5



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.069 min Scan# 881
Delta R.T. -0.182 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion: 77 Resp: 119
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#





#29

Tetrahydrofuran

Concen: 1.096 ug/l

RT: 7.639 min Scan# 91

Delta R.T. 0.030 min

Lab File: VN072992.D

Acq: 21 Jun 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

MW-3

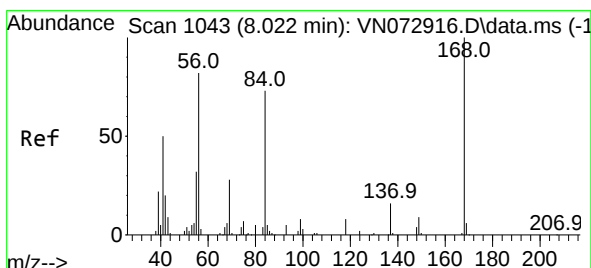
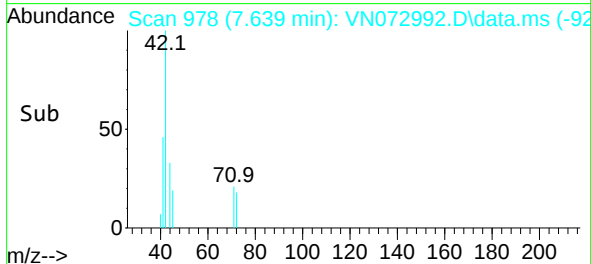
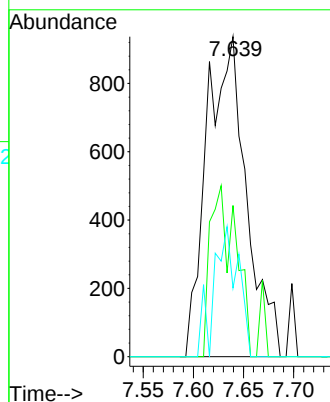
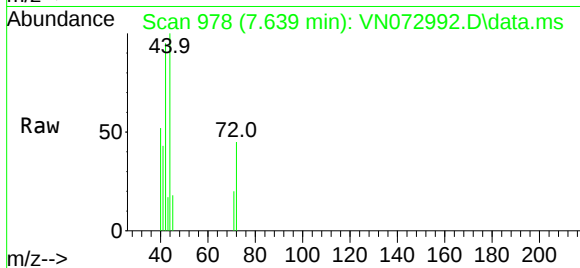
Tgt Ion: 42 Resp: 2582

Ion Ratio Lower Upper

42 100

72 34.5 39.7 59.5#

71 25.0 36.6 55.0#



#31

Cyclohexane

Concen: 1.919 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN072992.D

Acq: 21 Jun 2022 18:45

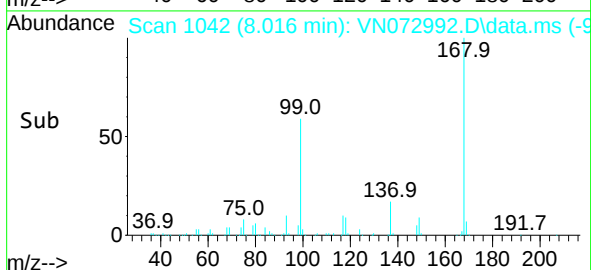
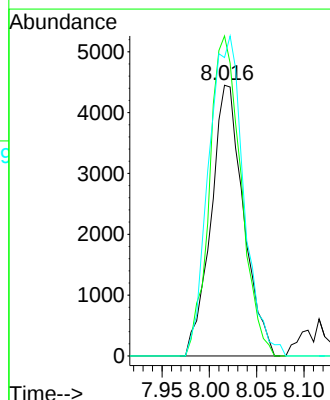
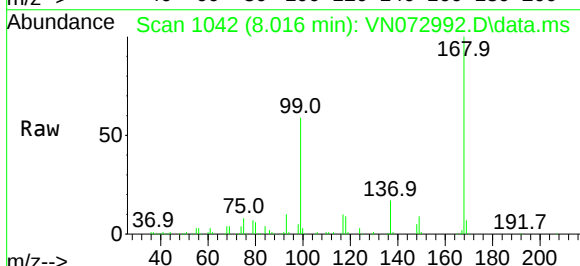
Tgt Ion: 56 Resp: 10613

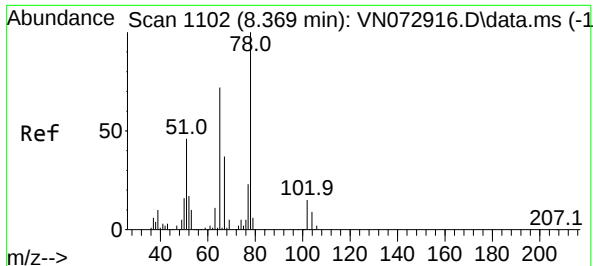
Ion Ratio Lower Upper

56 100

69 118.2 27.8 41.8#

84 110.2 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 44.142 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072992.D

Acq: 21 Jun 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

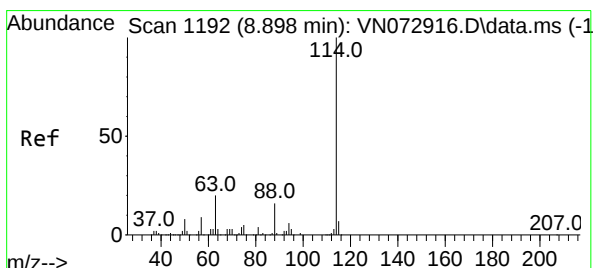
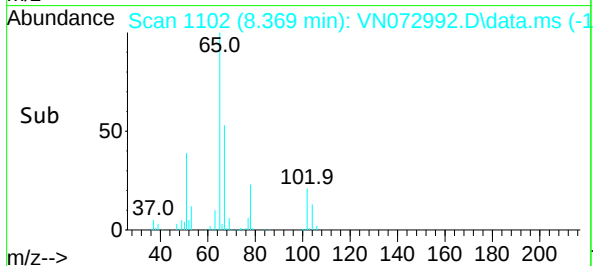
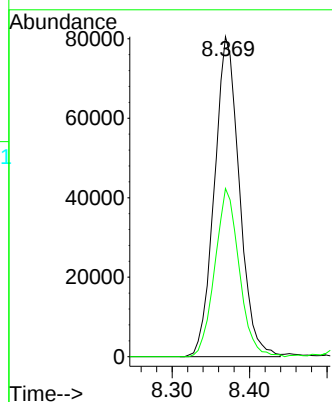
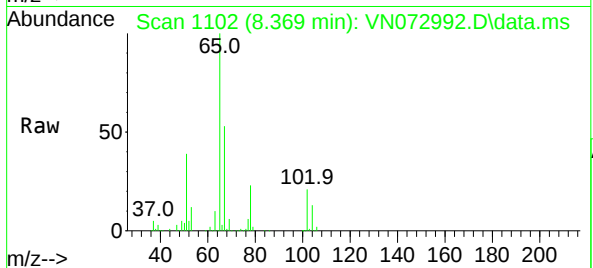
MW-3

Tgt Ion: 65 Resp: 180473

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN072992.D

Acq: 21 Jun 2022 18:45

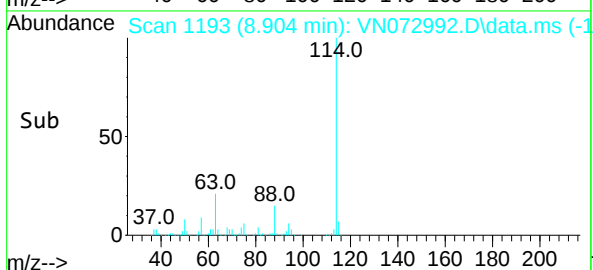
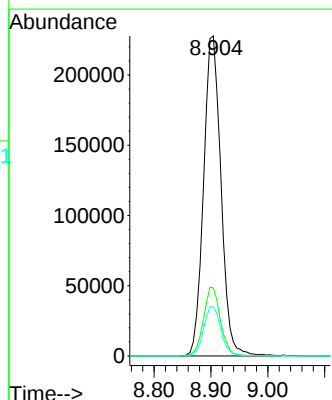
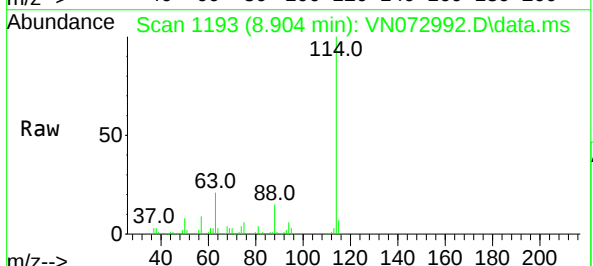
Tgt Ion: 114 Resp: 483852

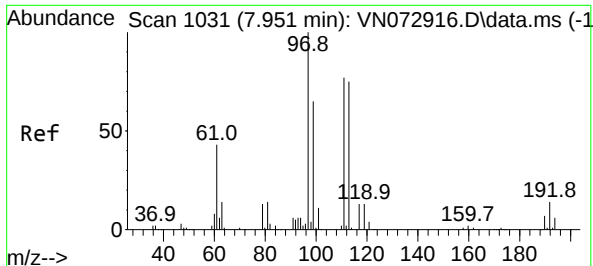
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.407 ug/l

RT: 7.951 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072992.D

Acq: 21 Jun 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

MW-3

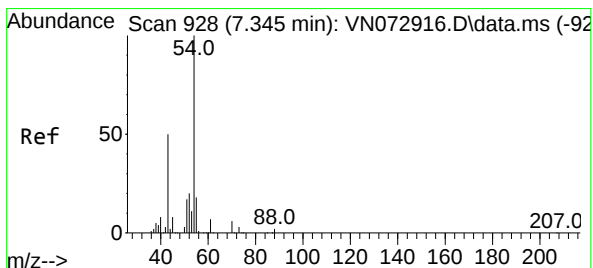
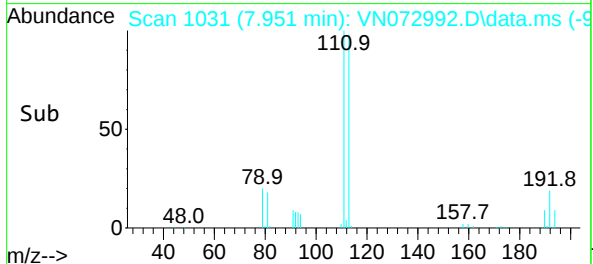
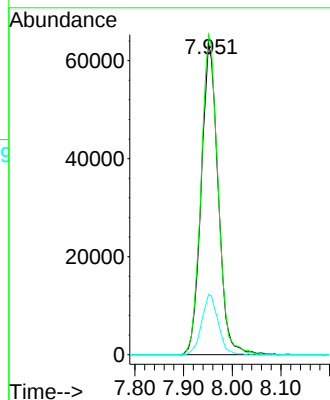
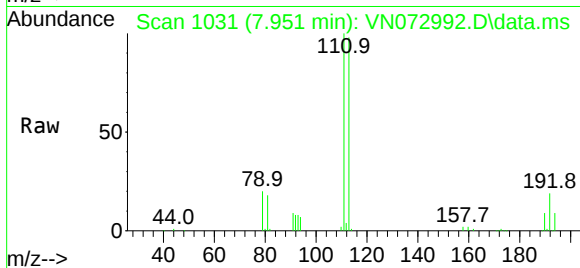
Tgt Ion:113 Resp: 153741

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 18.7 17.0 25.6



#37

Ethyl Acetate

Concen: 0.276 ug/l

RT: 7.345 min Scan# 928

Delta R.T. 0.000 min

Lab File: VN072992.D

Acq: 21 Jun 2022 18:45

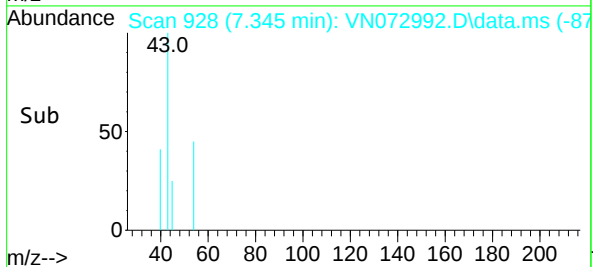
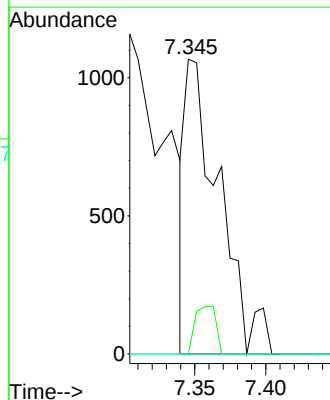
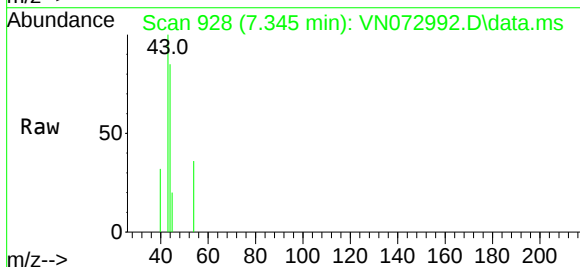
Tgt Ion: 43 Resp: 1785

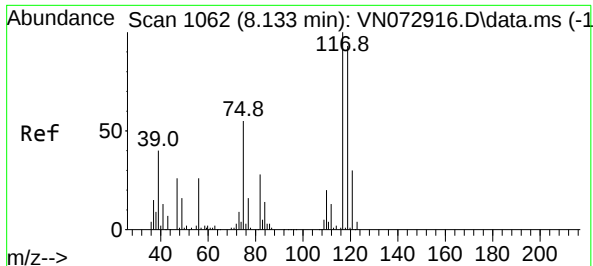
Ion Ratio Lower Upper

43 100

61 9.9 11.8 17.6#

70 0.0 9.3 13.9#

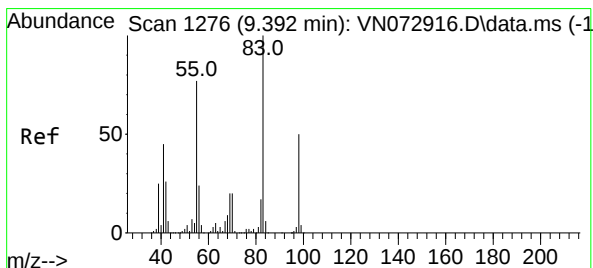
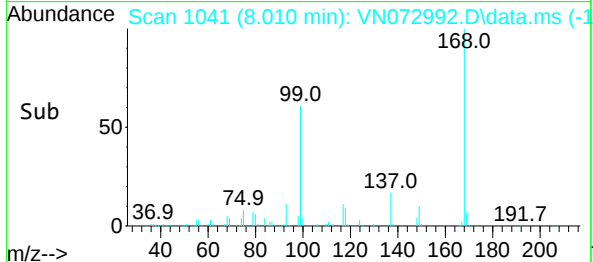
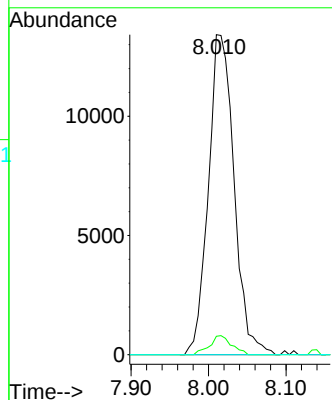
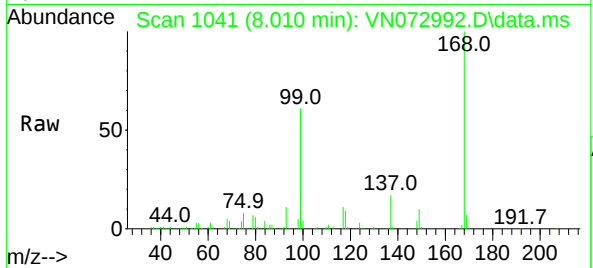




#38
Carbon Tetrachloride
Concen: 7.266 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.123 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

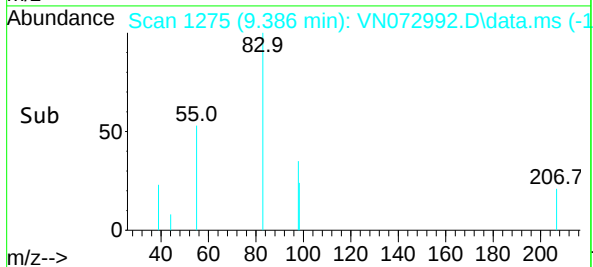
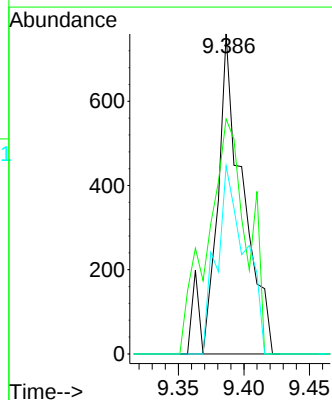
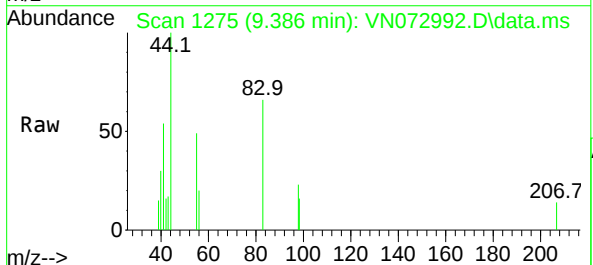
Instrument :
MSVOA_N
ClientSampleId :
MW-3

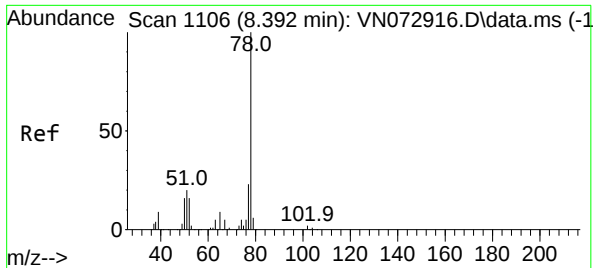
Tgt Ion:117 Resp: 30927
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 0.217 ug/l
RT: 9.386 min Scan# 1275
Delta R.T. -0.006 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion: 83 Resp: 1059
Ion Ratio Lower Upper
83 100
55 73.4 57.8 86.8
98 58.8 39.4 59.2





#40

Benzene

Concen: 9.838 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN072992.D

Acq: 21 Jun 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

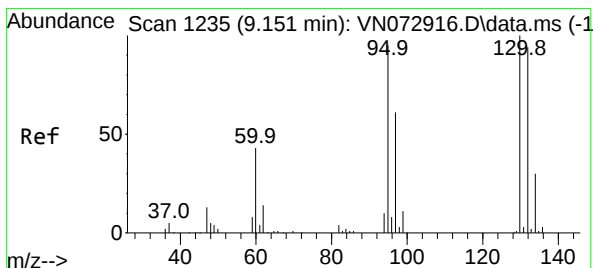
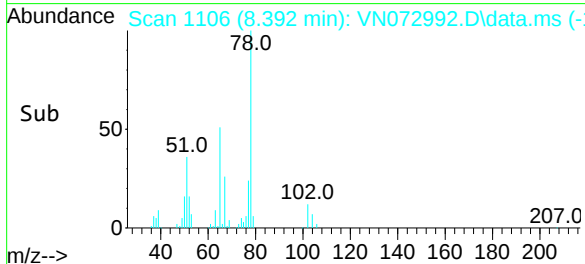
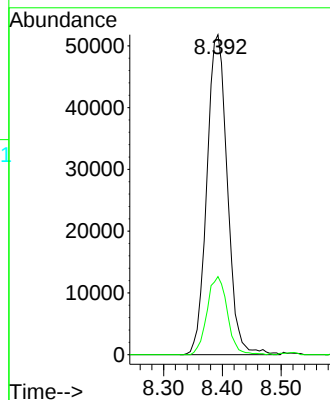
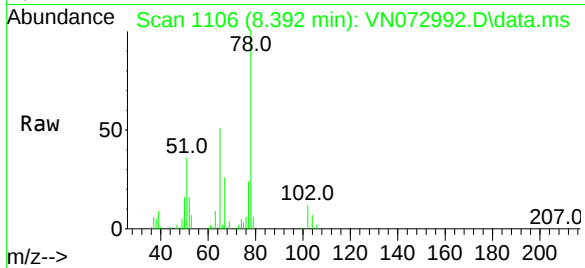
MW-3

Tgt Ion: 78 Resp: 125120

Ion Ratio Lower Upper

78 100

77 24.4 19.4 29.0



#44

Trichloroethene

Concen: 0.214 ug/l

RT: 9.145 min Scan# 1234

Delta R.T. -0.006 min

Lab File: VN072992.D

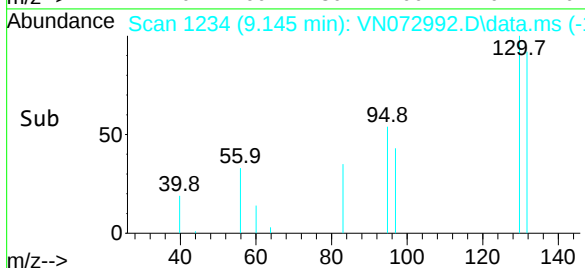
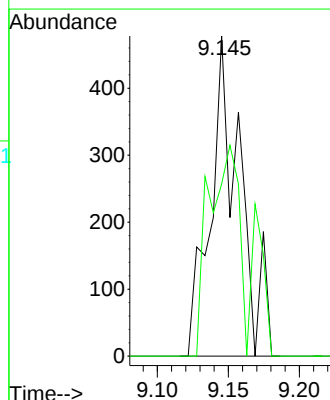
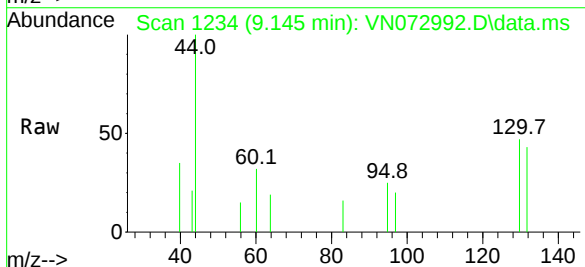
Acq: 21 Jun 2022 18:45

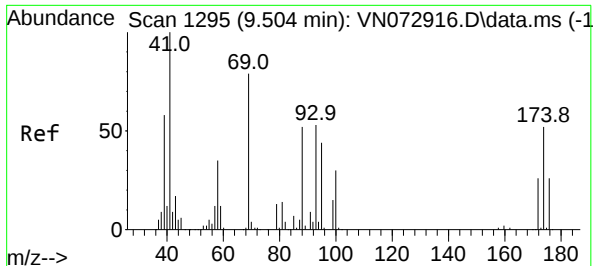
Tgt Ion:130 Resp: 690

Ion Ratio Lower Upper

130 100

95 53.8 0.0 186.8





#49

1,4-Dioxane

Concen: 1.273 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN072992.D

Acq: 21 Jun 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

MW-3

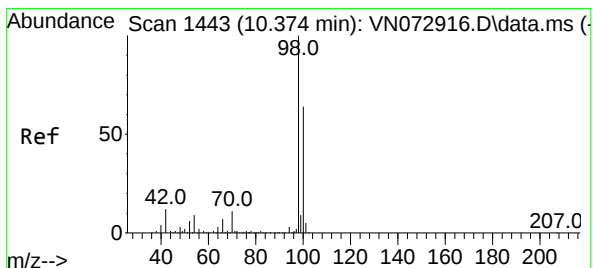
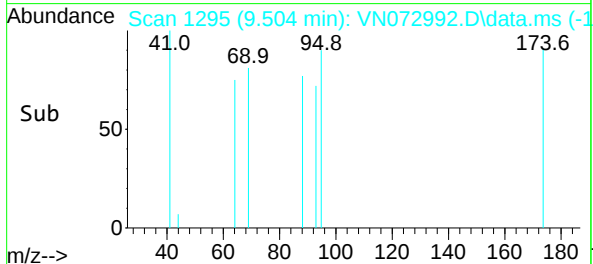
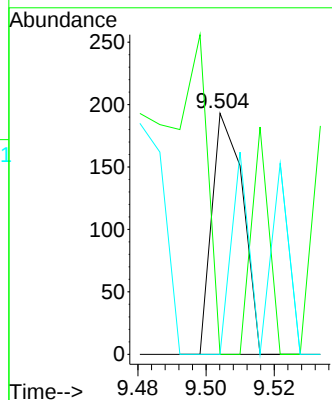
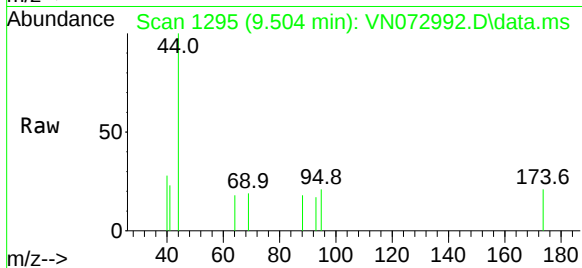
Tgt Ion: 88 Resp: 121

Ion Ratio Lower Upper

88 100

43 295.9 20.2 30.4#

58 91.7 54.2 81.4#



#50

Toluene-d8

Concen: 44.798 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN072992.D

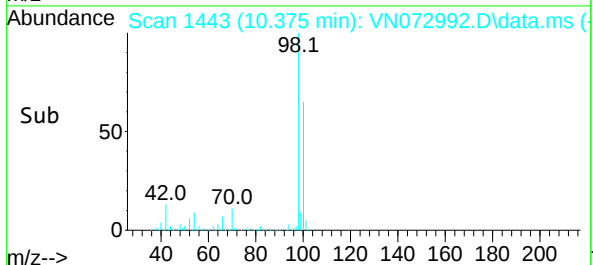
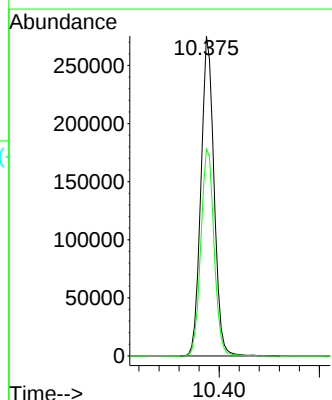
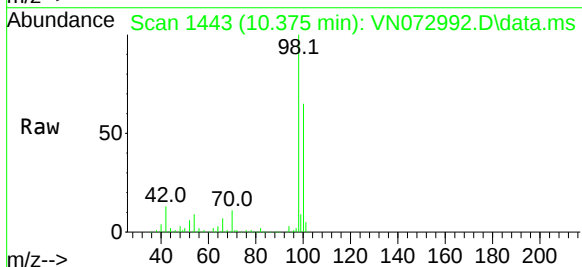
Acq: 21 Jun 2022 18:45

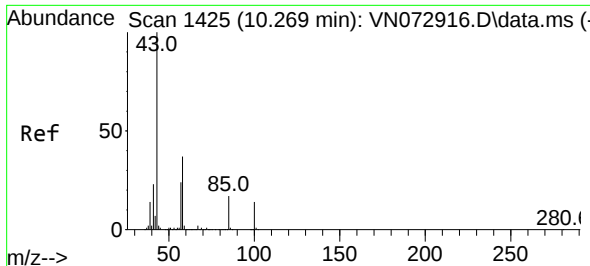
Tgt Ion: 98 Resp: 498522

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 1.118 ug/l

RT: 10.269 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VN072992.D

Acq: 21 Jun 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

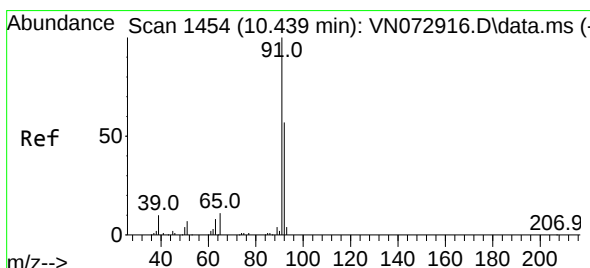
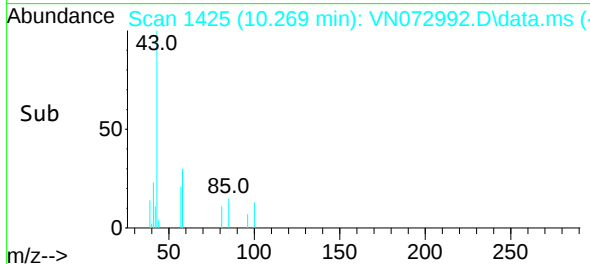
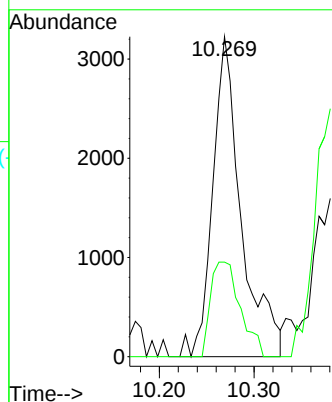
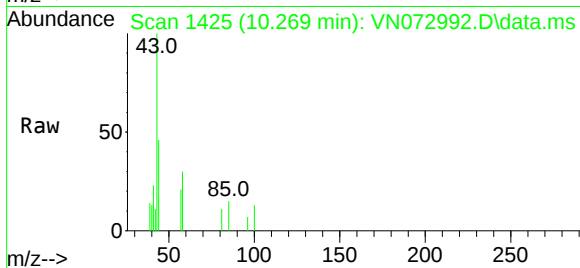
MW-3

Tgt Ion: 43 Resp: 6744

Ion Ratio Lower Upper

43 100

58 30.6 34.1 51.1#



#52

Toluene

Concen: 4.119 ug/l

RT: 10.445 min Scan# 1455

Delta R.T. 0.006 min

Lab File: VN072992.D

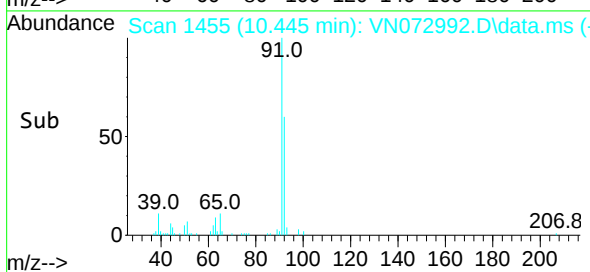
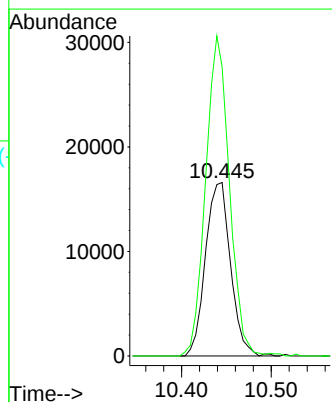
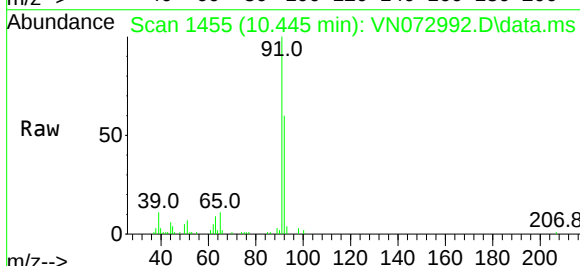
Acq: 21 Jun 2022 18:45

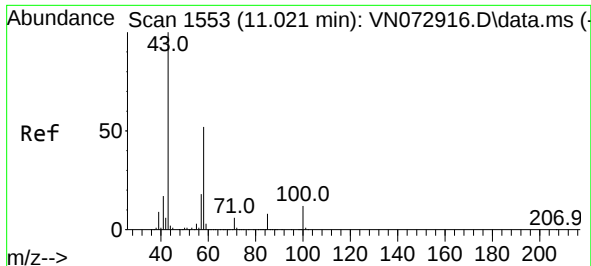
Tgt Ion: 92 Resp: 32159

Ion Ratio Lower Upper

92 100

91 174.4 138.6 207.8

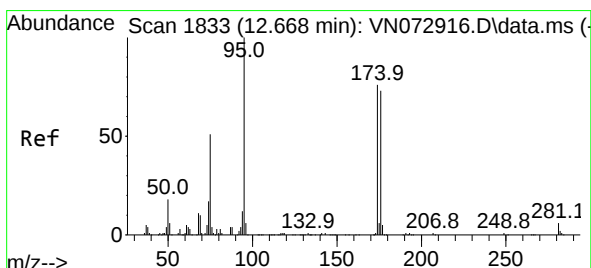
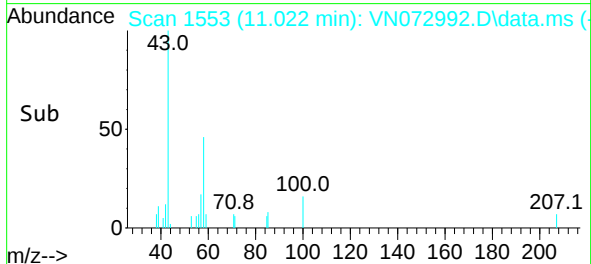
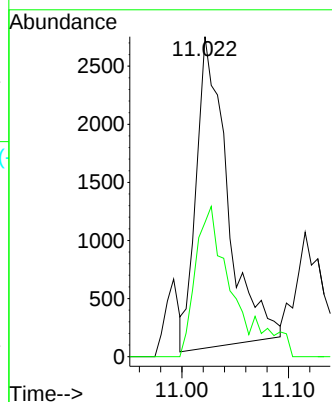
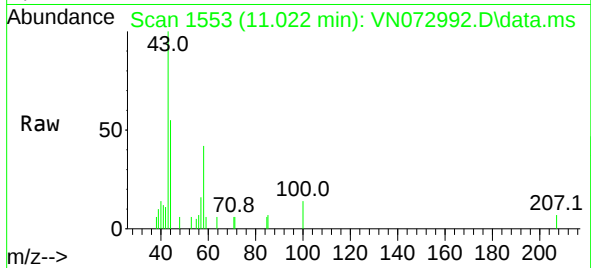




#59
2-Hexanone
Concen: 1.174 ug/l
RT: 11.022 min Scan# 1153
Delta R.T. 0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

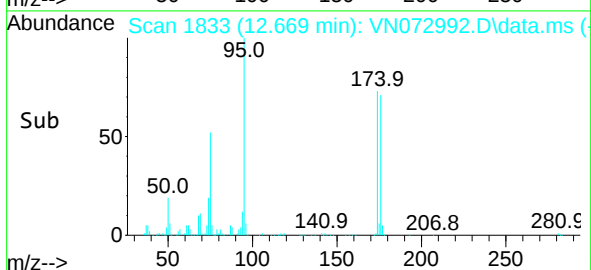
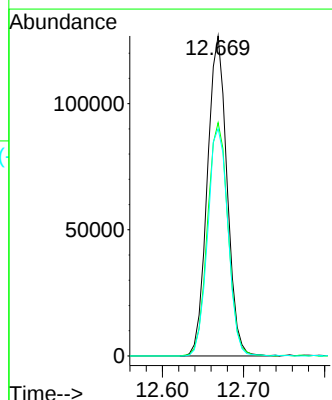
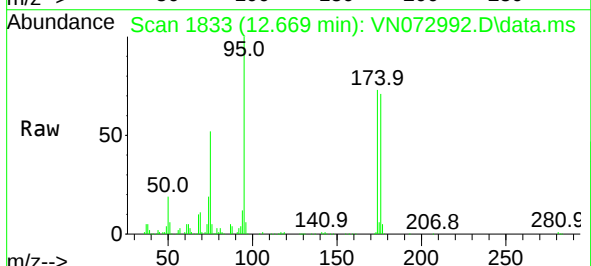
Instrument :
MSVOA_N
ClientSampleId :
MW-3

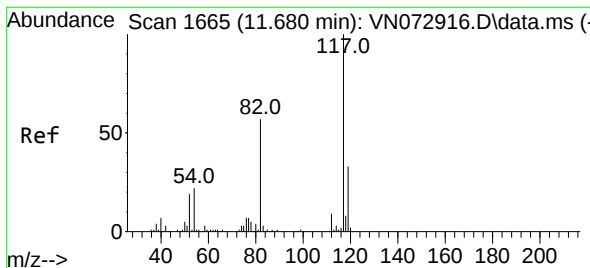
Tgt Ion: 43 Resp: 5480
Ion Ratio Lower Upper
43 100
58 57.8 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 53.302 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion: 95 Resp: 213292
Ion Ratio Lower Upper
95 100
174 75.9 0.0 167.6
176 73.1 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072992.D

Acq: 21 Jun 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

MW-3

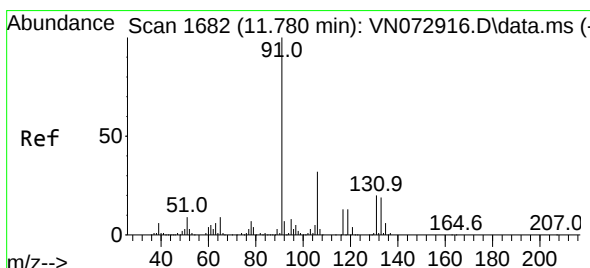
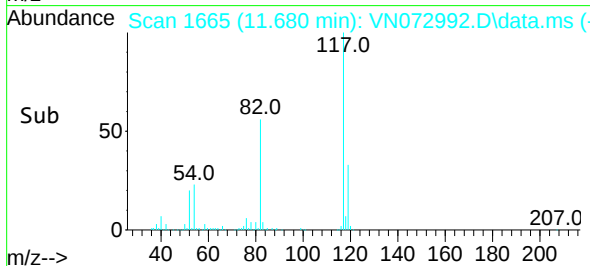
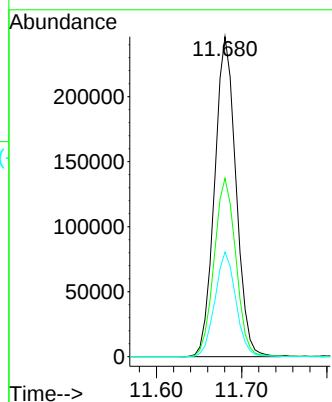
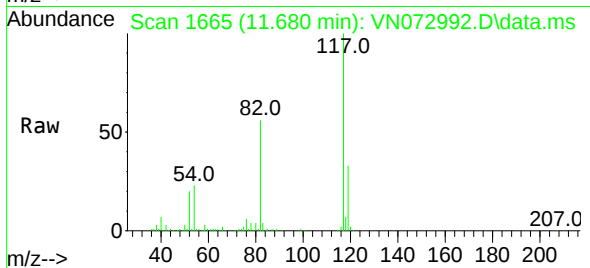
Tgt Ion:117 Resp: 428209

Ion Ratio Lower Upper

117 100

82 55.8 44.2 66.2

119 32.7 25.4 38.0



#67

Ethyl Benzene

Concen: 8.455 ug/l

RT: 11.780 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VN072992.D

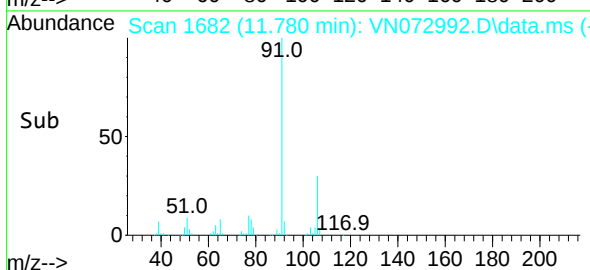
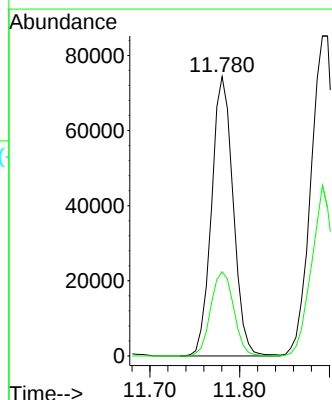
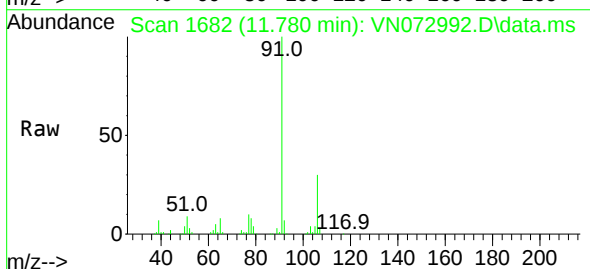
Acq: 21 Jun 2022 18:45

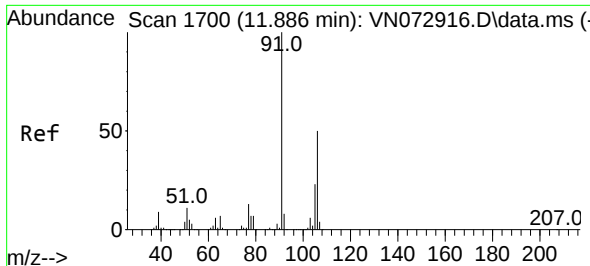
Tgt Ion: 91 Resp: 124470

Ion Ratio Lower Upper

91 100

106 30.1 24.9 37.3

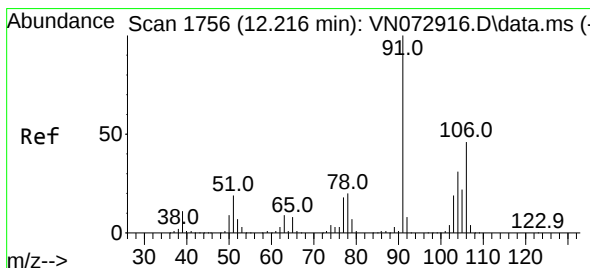
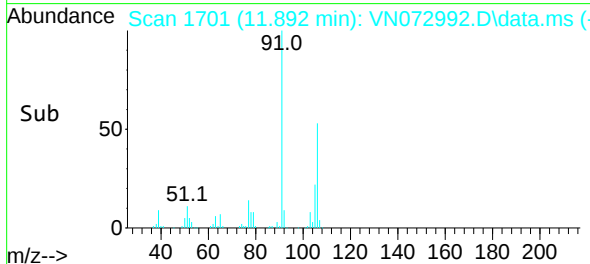
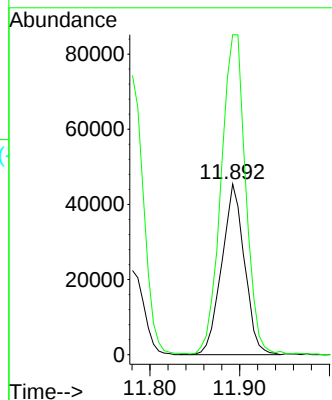
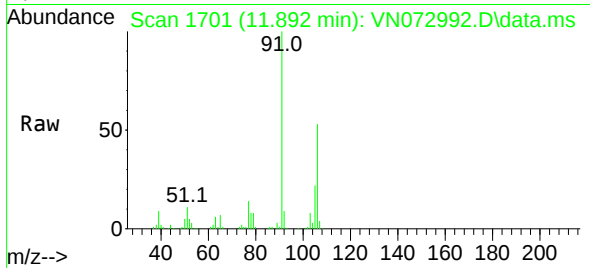




#68
m/p-Xylenes
Concen: 13.852 ug/l
RT: 11.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

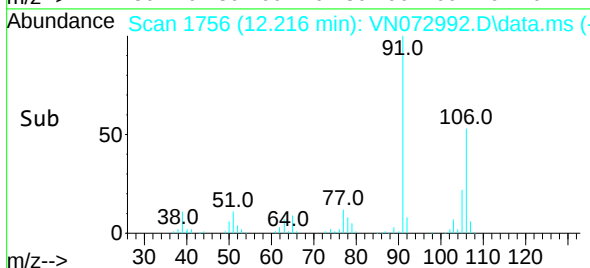
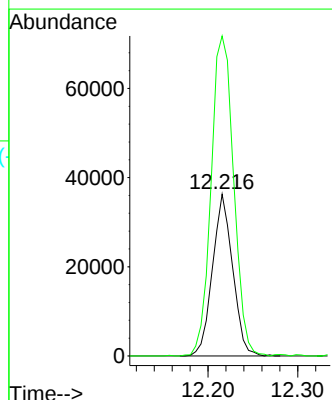
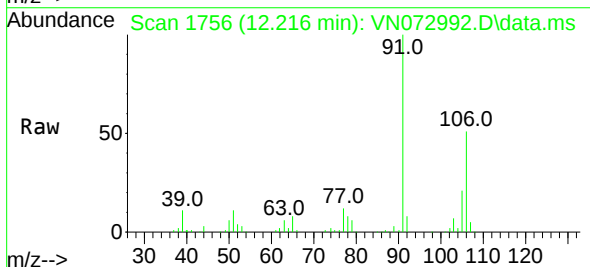
Instrument :
MSVOA_N
ClientSampleId :
MW-3

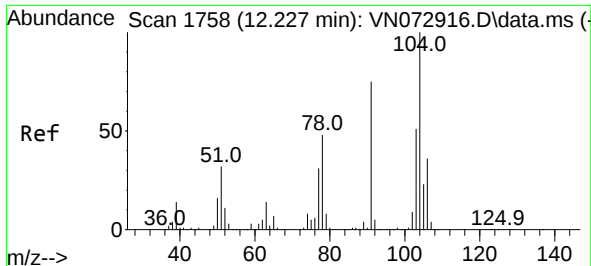
Tgt Ion:106 Resp: 79981
Ion Ratio Lower Upper
106 100
91 201.7 158.9 238.3



#69
o-Xylene
Concen: 9.821 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion:106 Resp: 56664
Ion Ratio Lower Upper
106 100
91 220.9 106.0 318.0

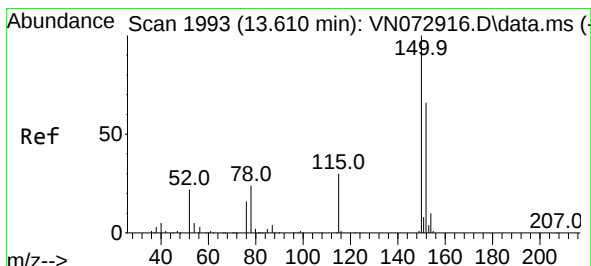
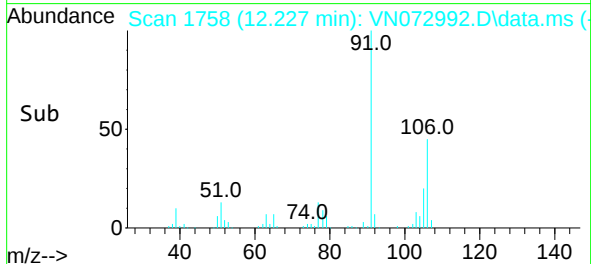
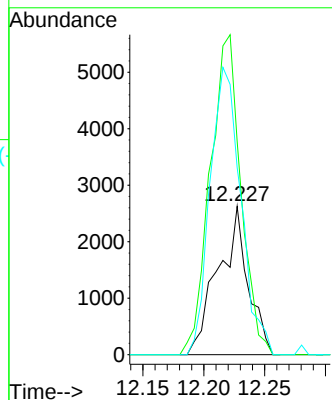
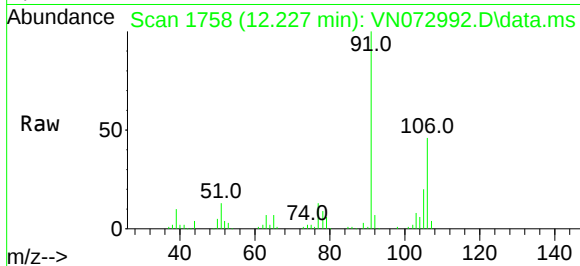




#70
Styrene
Concen: 0.487 ug/l
RT: 12.227 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

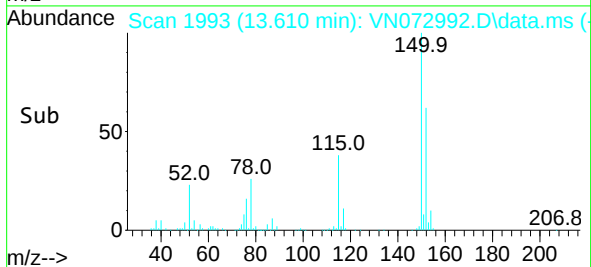
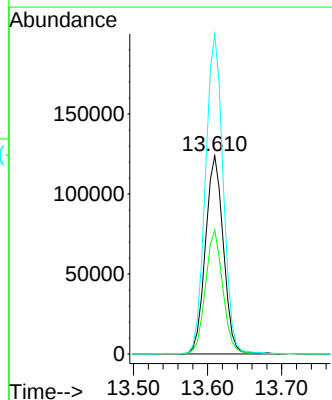
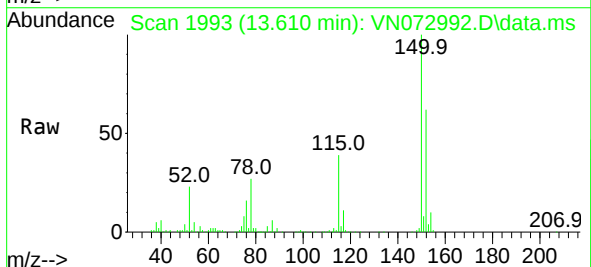
Instrument :
MSVOA_N
ClientSampleId :
MW-3

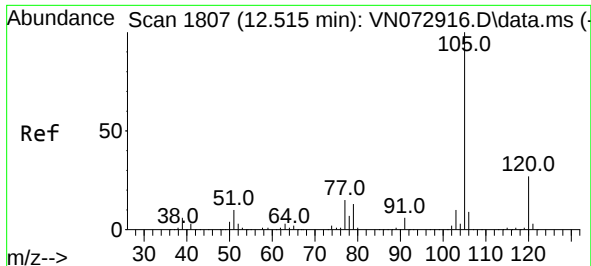
Tgt Ion:104 Resp: 4510
Ion Ratio Lower Upper
104 100
78 220.2 39.5 59.3#
103 198.7 44.0 66.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion:152 Resp: 208453
Ion Ratio Lower Upper
152 100
115 60.7 28.9 86.7
150 158.8 0.0 356.2

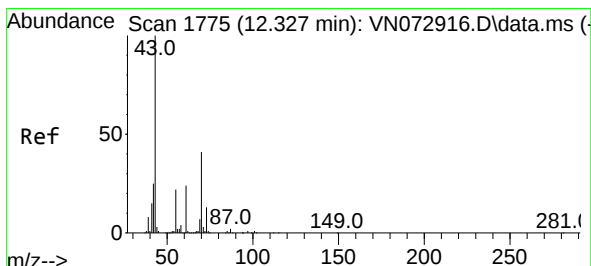
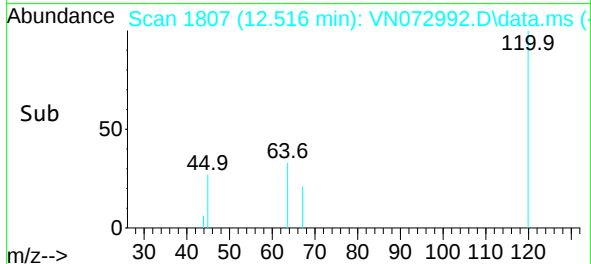
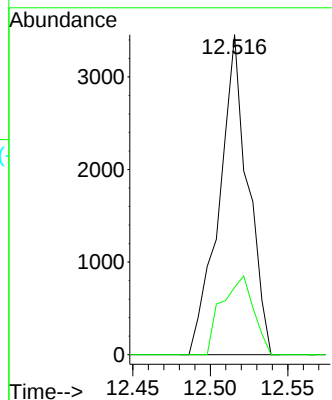
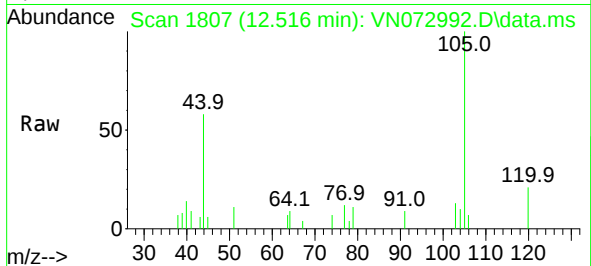




#73
Isopropylbenzene
Concen: 0.277 ug/l
RT: 12.516 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

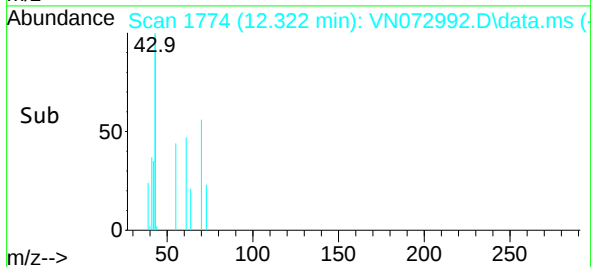
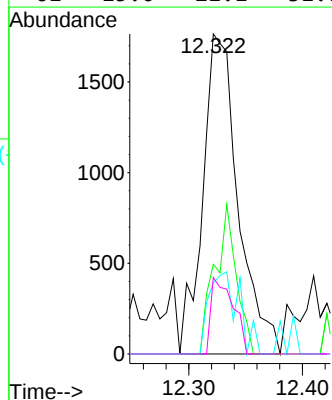
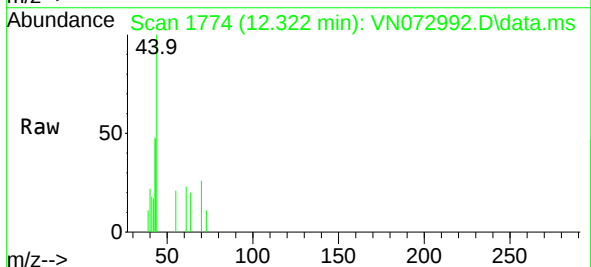
Instrument :
MSVOA_N
ClientSampleId :
MW-3

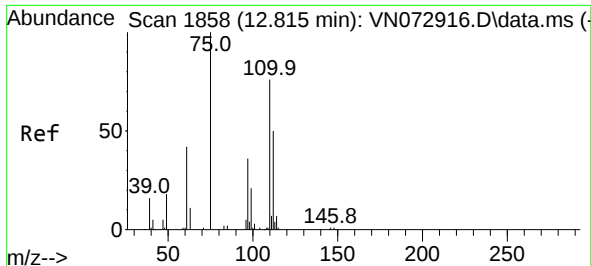
Tgt Ion:105 Resp: 4469
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#74
N-ethyl acetate
Concen: 0.456 ug/l
RT: 12.322 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion: 43 Resp: 3818
Ion Ratio Lower Upper
43 100
70 28.8 39.0 58.4#
55 21.7 21.1 31.7
61 15.0 21.1 31.7#

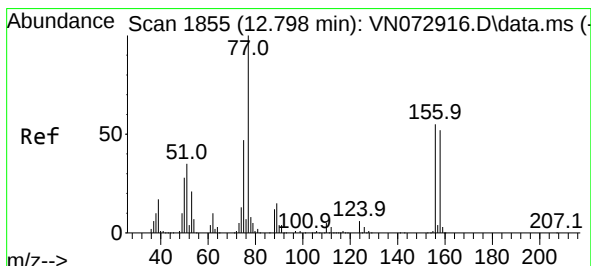
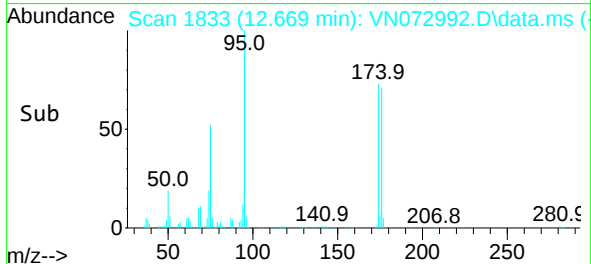
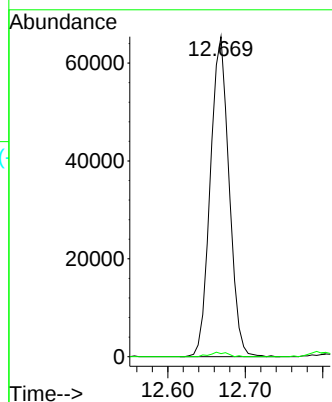
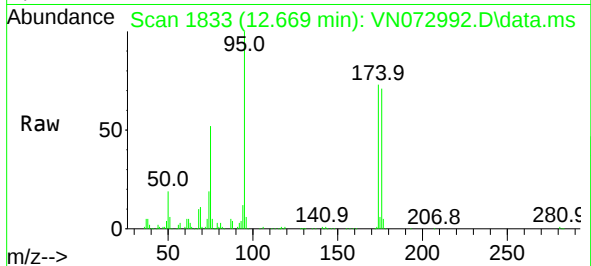




#76
1,2,3-Trichloropropane
Concen: 21.811 ug/l
RT: 12.669 min Scan# 11
Delta R.T. -0.147 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

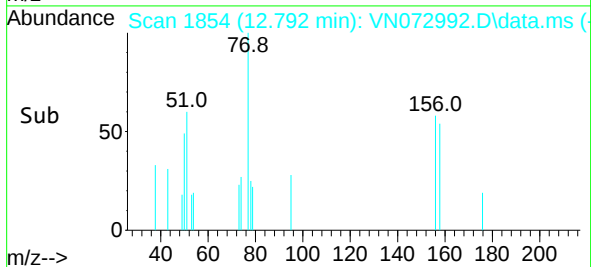
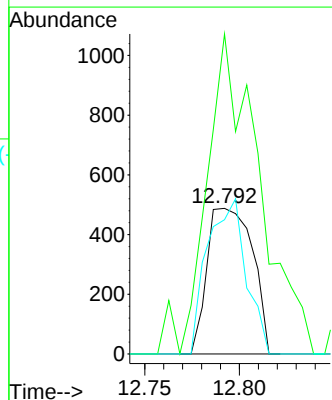
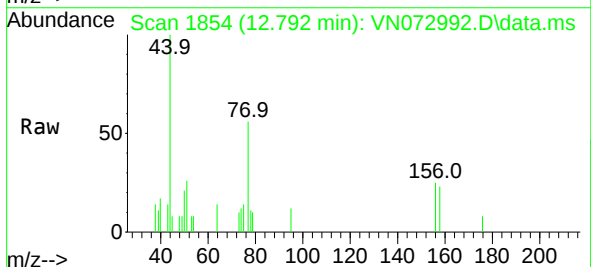
Instrument :
MSVOA_N
ClientSampleId :
MW-3

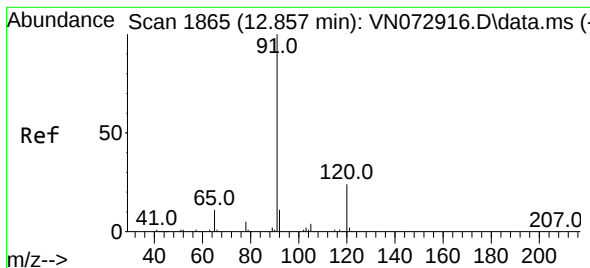
Tgt Ion: 75 Resp: 110229
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#77
Bromobenzene
Concen: 0.210 ug/l
RT: 12.792 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion:156 Resp: 813
Ion Ratio Lower Upper
156 100
77 257.2 100.5 301.5
158 90.5 48.9 146.6





#78

n-propylbenzene

Concen: 0.371 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VN072992.D

Acq: 21 Jun 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

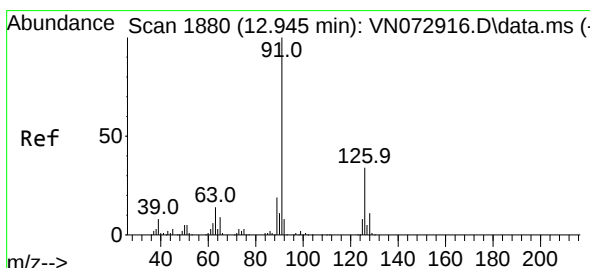
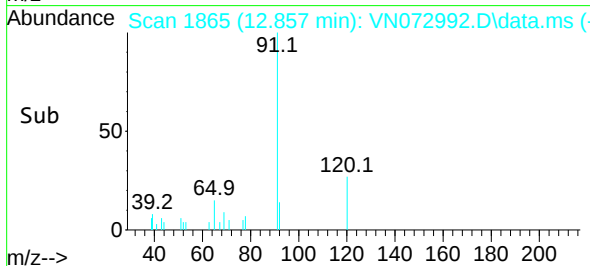
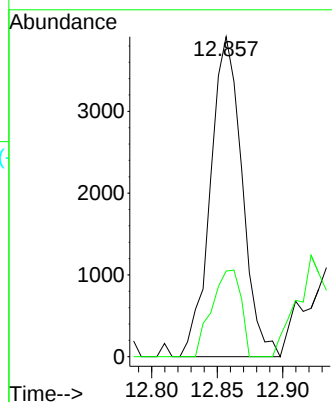
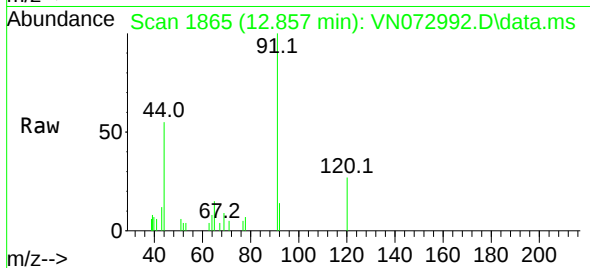
MW-3

Tgt Ion: 91 Resp: 6576

Ion Ratio Lower Upper

91 100

120 24.8 11.9 35.5



#79

2-Chlorotoluene

Concen: 0.349 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN072992.D

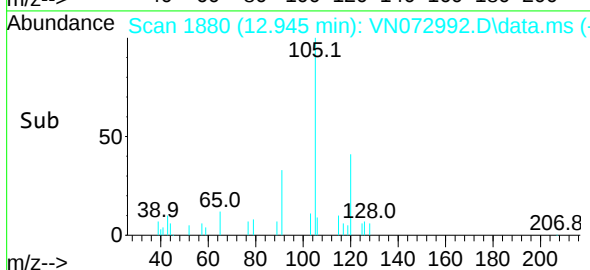
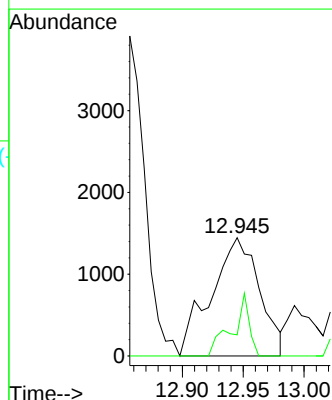
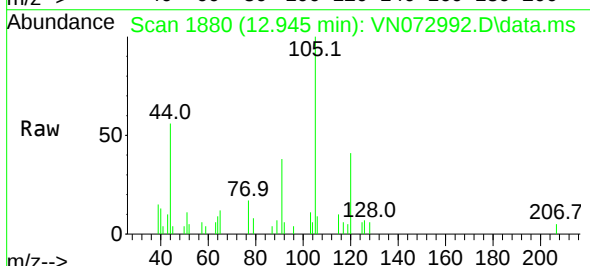
Acq: 21 Jun 2022 18:45

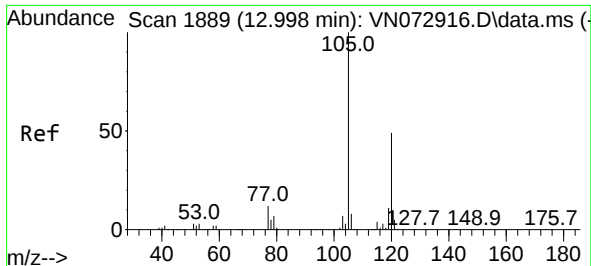
Tgt Ion: 91 Resp: 4013

Ion Ratio Lower Upper

91 100

126 18.4 17.3 51.9

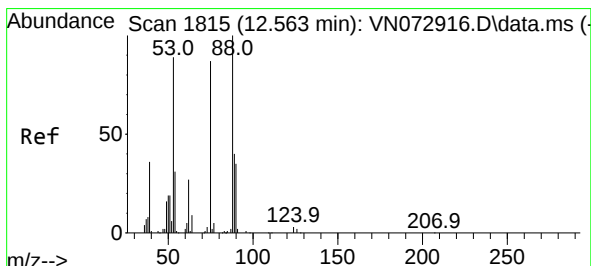
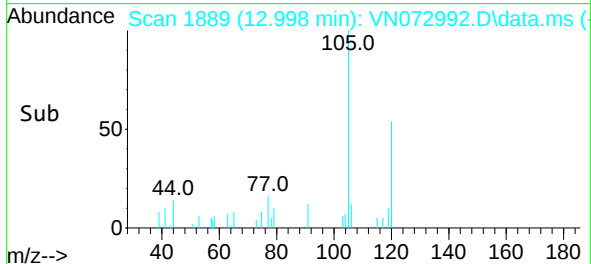
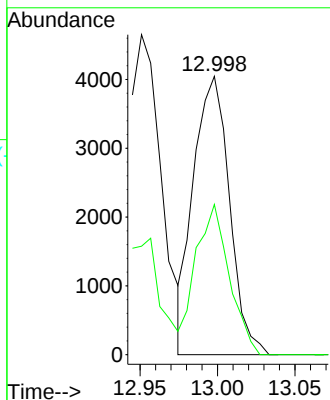
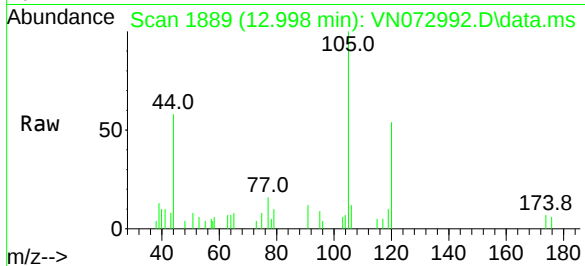




#80
1,3,5-Trimethylbenzene
Concen: 0.492 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

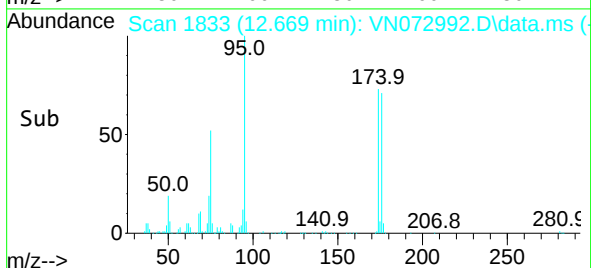
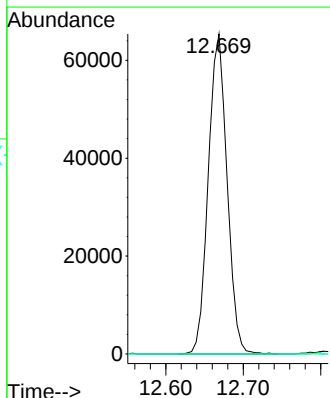
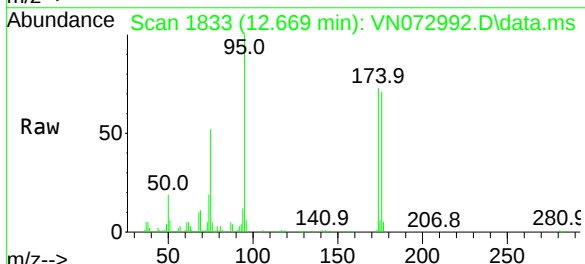
Instrument :
MSVOA_N
ClientSampleId :
MW-3

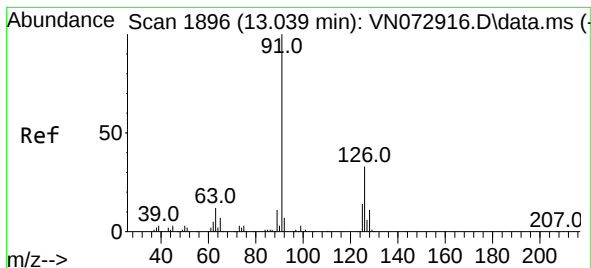
Tgt Ion:105 Resp: 6515
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 58.902 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion: 75 Resp: 110229
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

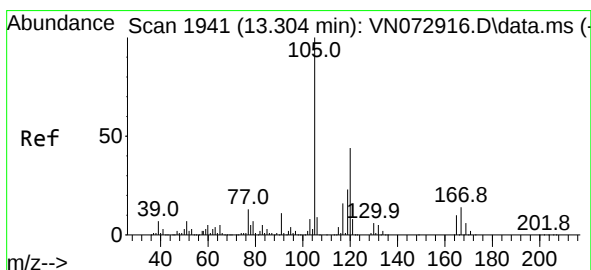
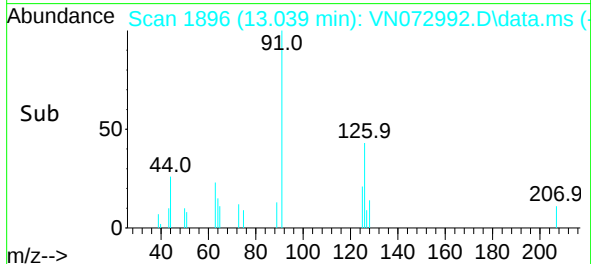
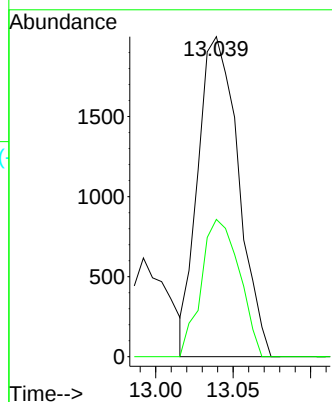
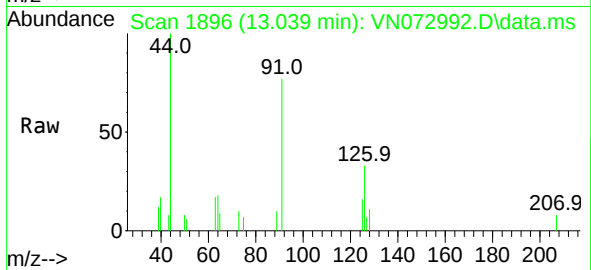




#82
4-Chlorotoluene
Concen: 0.333 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

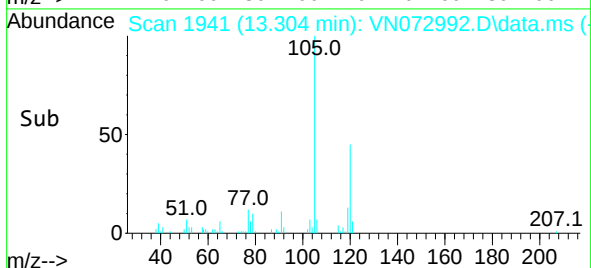
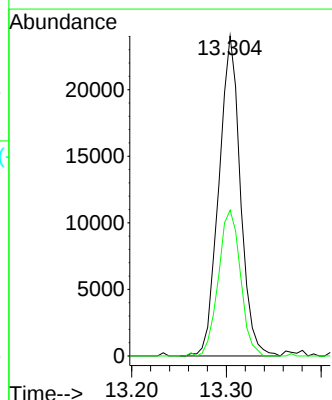
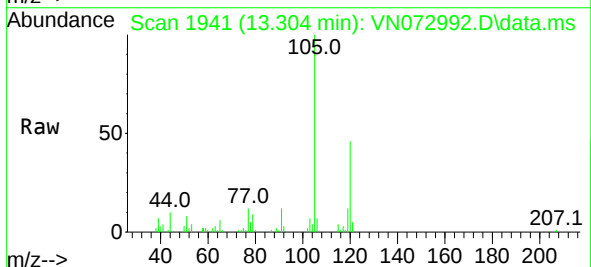
Instrument :
MSVOA_N
ClientSampleId :
MW-3

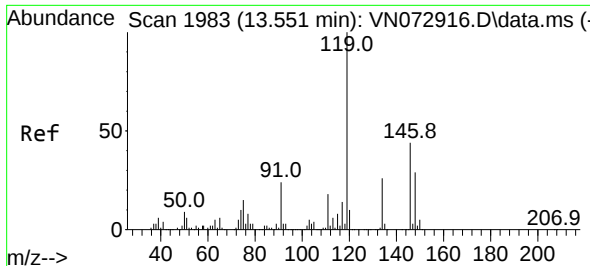
Tgt Ion: 91 Resp: 3622
Ion Ratio Lower Upper
91 100
126 40.5 17.2 51.6



#84
1,2,4-Trimethylbenzene
Concen: 2.879 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion: 105 Resp: 37979
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.8

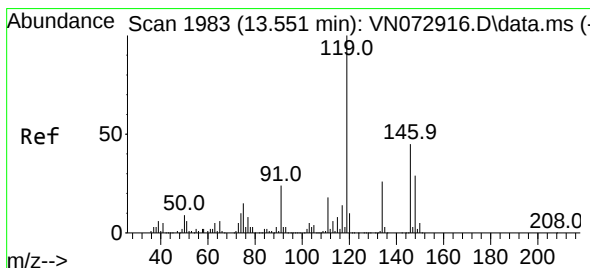
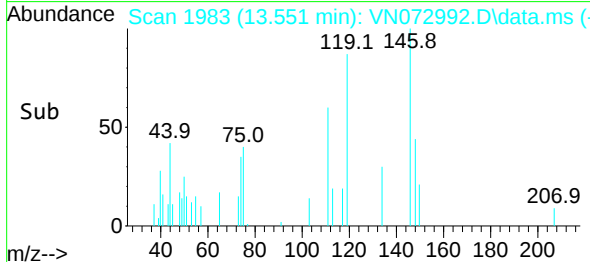
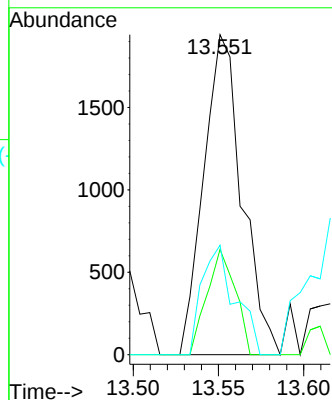
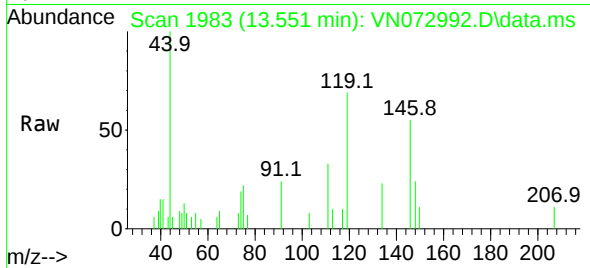




#86
 p-Isopropyltoluene
 Concen: 0.231 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN072992.D
 Acq: 21 Jun 2022 18:45

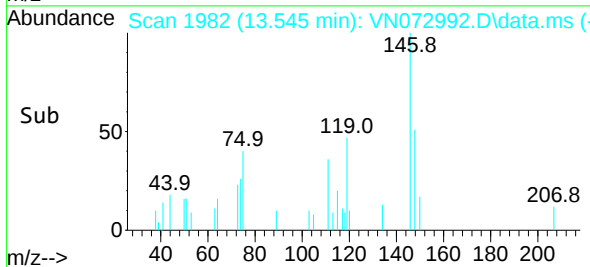
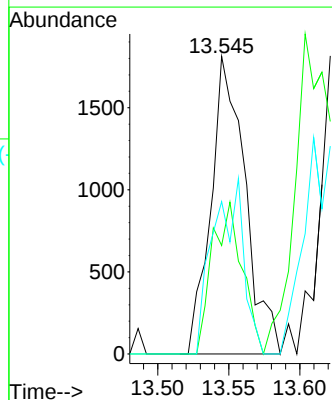
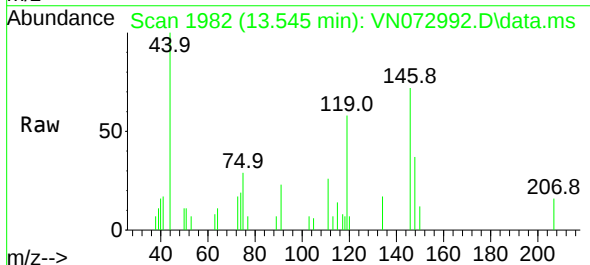
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

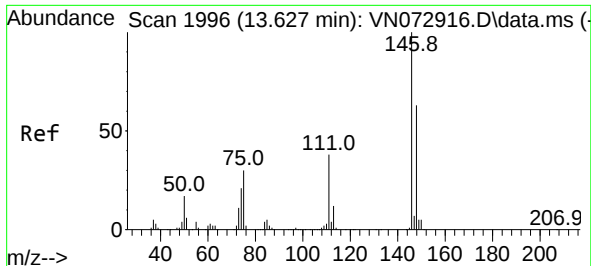
Tgt Ion:	119	Resp:	3032
Ion	Ratio	Lower	Upper
119	100		
134	24.4	13.3	39.8
91	29.7	11.3	33.9



#87
 1,3-Dichlorobenzene
 Concen: 0.442 ug/l
 RT: 13.545 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN072992.D
 Acq: 21 Jun 2022 18:45

Tgt Ion:	146	Resp:	3047
Ion	Ratio	Lower	Upper
146	100		
111	44.6	20.0	60.0
148	51.9	32.0	96.0

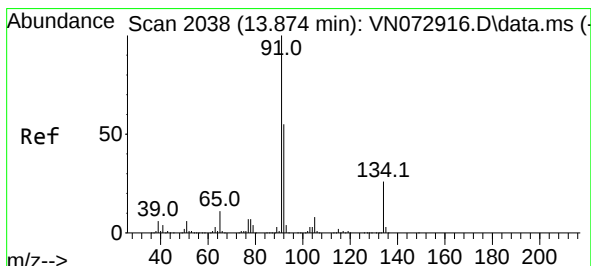
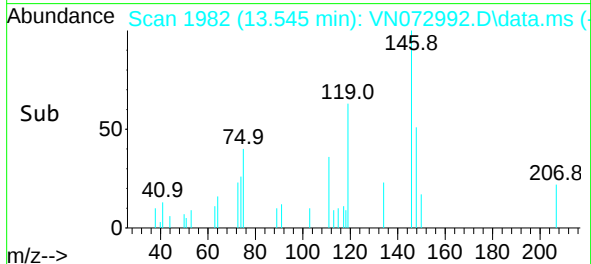
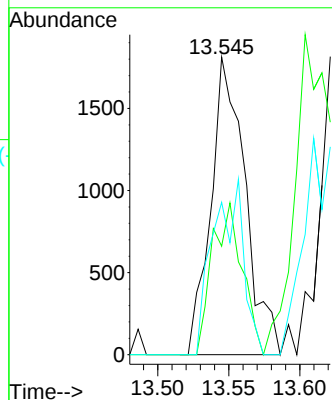
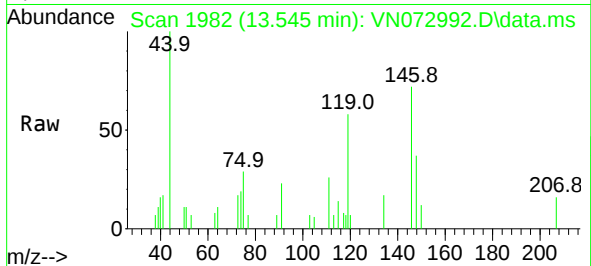




#88
1,4-Dichlorobenzene
Concen: 0.436 ug/l
RT: 13.545 min Scan# 1996
Delta R.T. -0.082 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

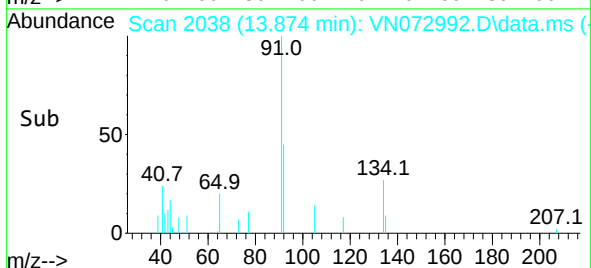
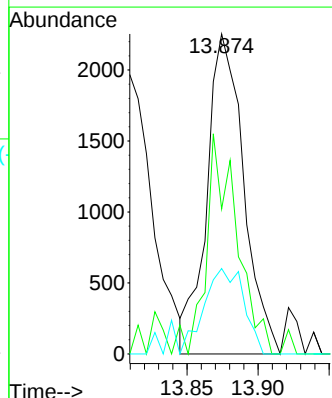
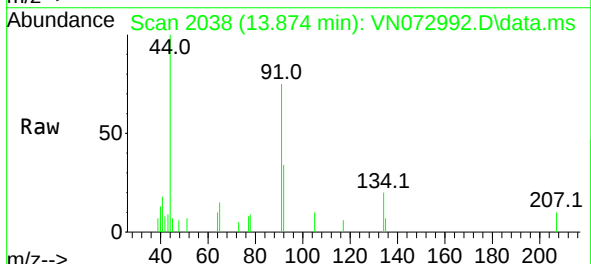
Instrument :
MSVOA_N
ClientSampleId :
MW-3

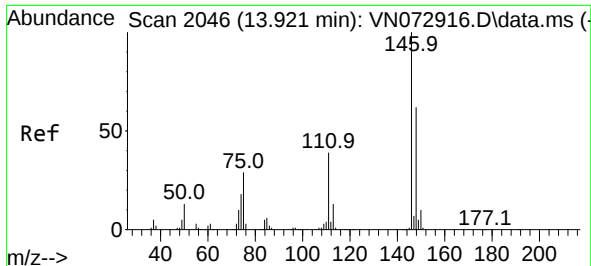
Tgt Ion:	146	Resp:	3047
Ion	Ratio	Lower	Upper
146	100		
111	44.6	19.1	57.1
148	51.9	31.4	94.3



#89
n-Butylbenzene
Concen: 0.380 ug/l
RT: 13.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion:	91	Resp:	4063
Ion	Ratio	Lower	Upper
91	100		
92	57.3	26.9	80.7
134	28.8	13.6	40.8





#91

1,2-Dichlorobenzene

Concen: 0.293 ug/l

RT: 13.916 min Scan# 2045

Delta R.T. -0.006 min

Lab File: VN072992.D

Acq: 21 Jun 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

MW-3

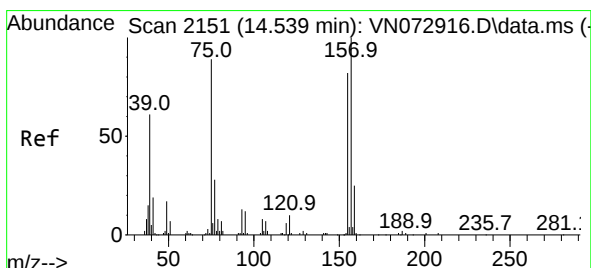
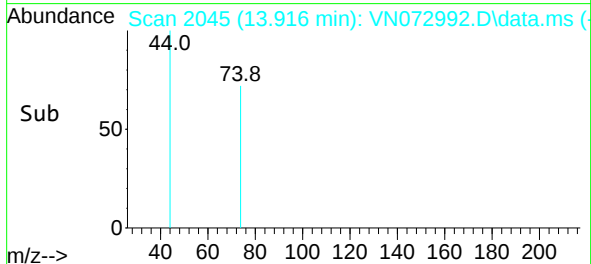
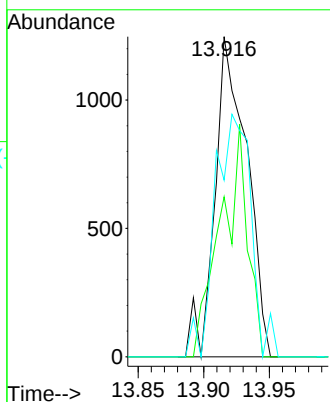
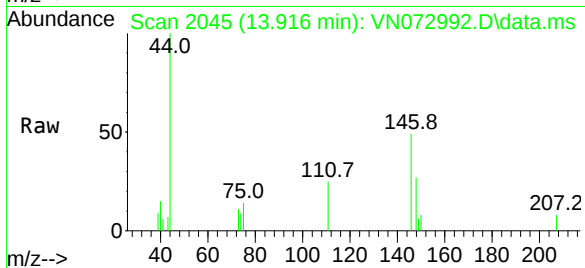
Tgt Ion:146 Resp: 2110

Ion Ratio Lower Upper

146 100

111 61.1 20.9 62.8

148 85.3 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.328 ug/l

RT: 14.539 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VN072992.D

Acq: 21 Jun 2022 18:45

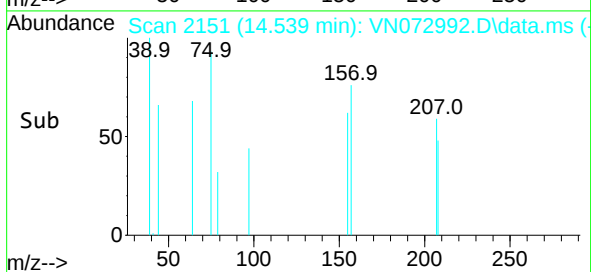
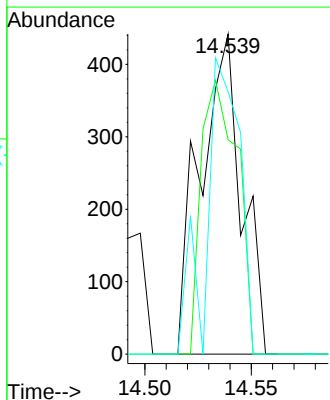
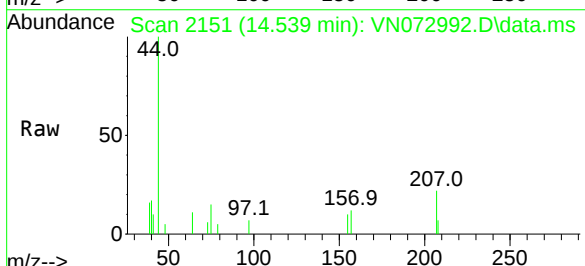
Tgt Ion: 75 Resp: 601

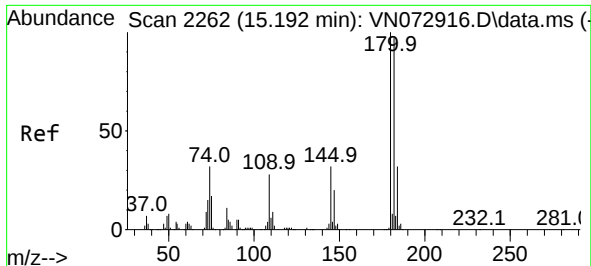
Ion Ratio Lower Upper

75 100

155 74.4 44.9 134.5

157 74.4 59.0 176.8

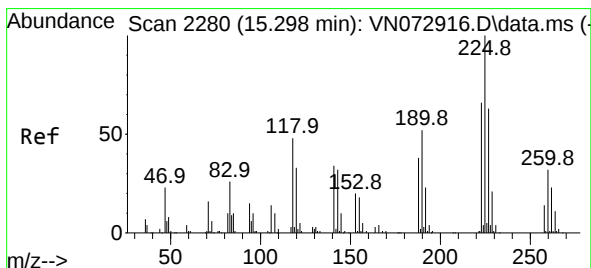
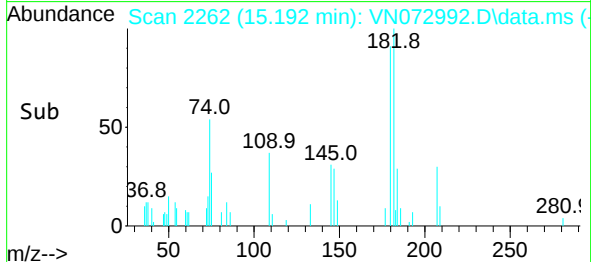
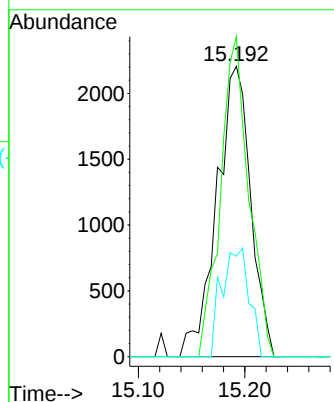
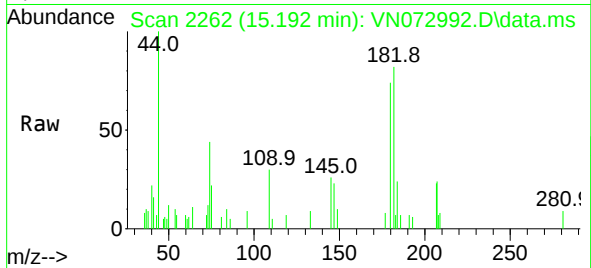




#93
1,2,4-Trichlorobenzene
Concen: 1.225 ug/l
RT: 15.192 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

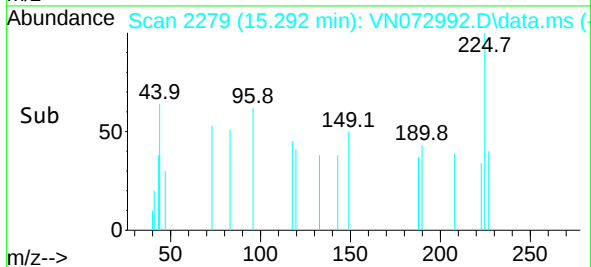
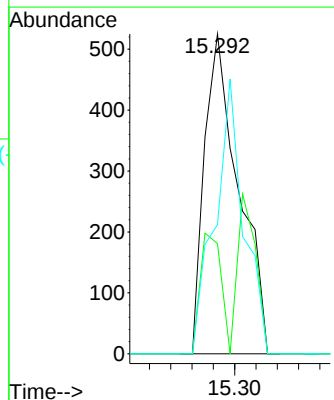
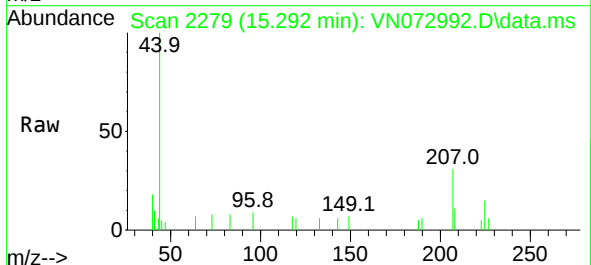
Instrument :
MSVOA_N
ClientSampleId :
MW-3

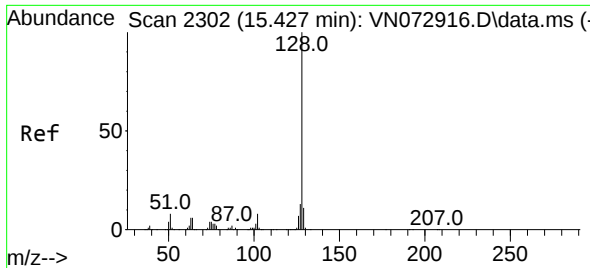
Tgt Ion:180	Resp:	4876
Ion Ratio	Lower	Upper
180	100	
182	92.3	47.5 142.5
145	30.4	14.5 43.5



#94
Hexachlorobutadiene
Concen: 0.338 ug/l
RT: 15.292 min Scan# 2279
Delta R.T. -0.006 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion:225	Resp:	585
Ion Ratio	Lower	Upper
225	100	
223	26.7	32.4 97.2#
227	72.1	31.8 95.4

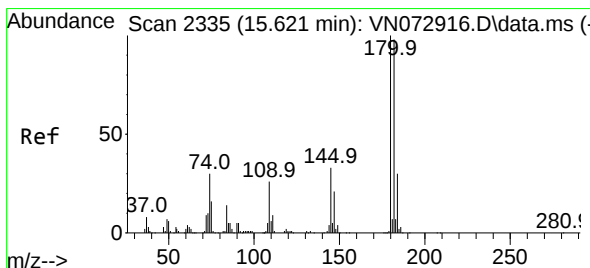
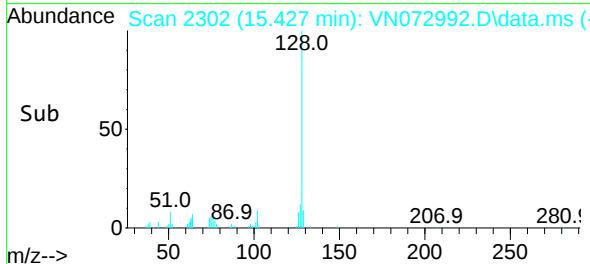
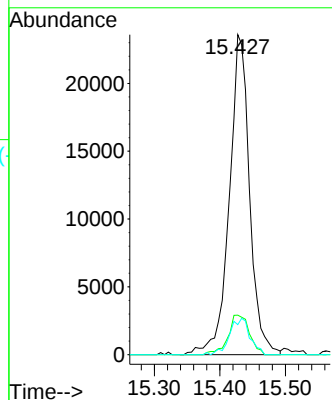
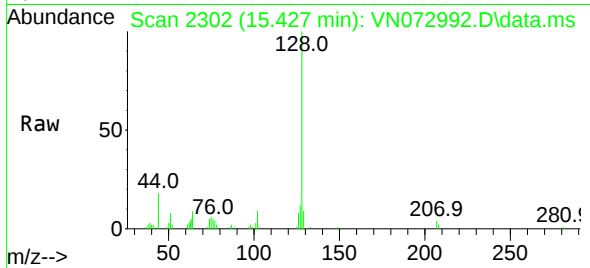




#95
Naphthalene
Concen: 3.151 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tgt Ion:128 Resp: 50734
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.454 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion:180 Resp: 6182
Ion Ratio Lower Upper
180 100
182 91.3 47.8 143.3
145 37.2 15.5 46.5

