

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042922\
 Data File : VN072264.D
 Acq On : 29 Apr 2022 12:58
 Operator : JC\MD
 Sample : N2617-16DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-17IRDL

Quant Time: Apr 30 03:12:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	189728	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	324480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	279299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	87510	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	162397	55.754	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 111.500%	
35) Dibromofluoromethane	8.022	113	106481	51.270	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.540%	
50) Toluene-d8	10.439	98	385254	47.208	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 94.420%	
62) 4-Bromofluorobenzene	12.727	95	113428	41.875	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 83.760%	

Target Compounds				Qvalue		
3) Chloromethane	2.299	50	1064	Below Cal	#	83
5) Bromomethane	2.875	94	321	Below Cal	#	2
6) Chloroethane	3.063	64	285	Below Cal	#	60
8) Diethyl Ether	3.828	74	317	0.235	ug/l	78
11) Tert butyl alcohol	5.340	59	6364	13.295	ug/l	# 72
15) Acrylonitrile	5.575	53	822	0.569	ug/l	# 50
16) Acetone	4.287	43	5370	4.276	ug/l	# 74
17) Carbon Disulfide	4.534	76	475	0.474	ug/l	# 75
19) Methyl tert-butyl Ether	5.616	73	235024	33.088	ug/l	97
20) Methylene Chloride	5.098	84	5997	2.491	ug/l	# 87
22) Diisopropyl ether	6.492	45	30893	3.986	ug/l	92
23) Vinyl Acetate	6.498	43	17255	2.651	ug/l	# 68
25) 2-Butanone	7.328	43	2478	1.239	ug/l	# 45
31) Cyclohexane	8.086	56	4712	1.211	ug/l	# 25
36) 1,1-Dichloropropene	8.081	75	16699	5.524	ug/l	# 50
38) Carbon Tetrachloride	8.081	117	22585	6.976	ug/l	# 16
40) Benzene	8.457	78	4020	0.429	ug/l	# 58
42) 1,2-Dichloroethane	8.528	62	54437	15.164	ug/l	96
43) Isopropyl Acetate	8.569	43	113	0.819	ug/l	# 53
51) 4-Methyl-2-Pentanone	10.322	43	1488	0.393	ug/l	# 73
56) Ethyl methacrylate	10.763	69	244	2.422	ug/l	# 31
59) 2-Hexanone	11.092	43	3320	1.244	ug/l	76
67) Ethyl Benzene	11.845	91	2304	0.234	ug/l	# 87
68) m/p-Xylenes	11.939	106	1221	0.334	ug/l	89
74) N-amyl acetate	12.392	43	1569	0.542	ug/l	# 82
75) 1,1,2,2-Tetrachloroethane	12.821	83	79	Below Cal	#	44
76) 1,2,3-Trichloropropane	12.727	75	64819	32.924	ug/l	# 1
78) n-propylbenzene	12.910	91	2066	0.243	ug/l	94
79) 2-Chlorotoluene	13.098	91	1170	0.209	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.727	75	64819	85.645	ug/l	# 10
82) 4-Chlorotoluene	13.098	91	1170	0.225	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	1630	0.262	ug/l	90
85) sec-Butylbenzene	13.498	105	1645	0.223	ug/l	# 77
87) 1,3-Dichlorobenzene	13.610	146	888	0.300	ug/l	80
88) 1,4-Dichlorobenzene	13.610	146	888	0.309	ug/l	80
89) n-Butylbenzene	13.939	91	2155	0.490	ug/l	97

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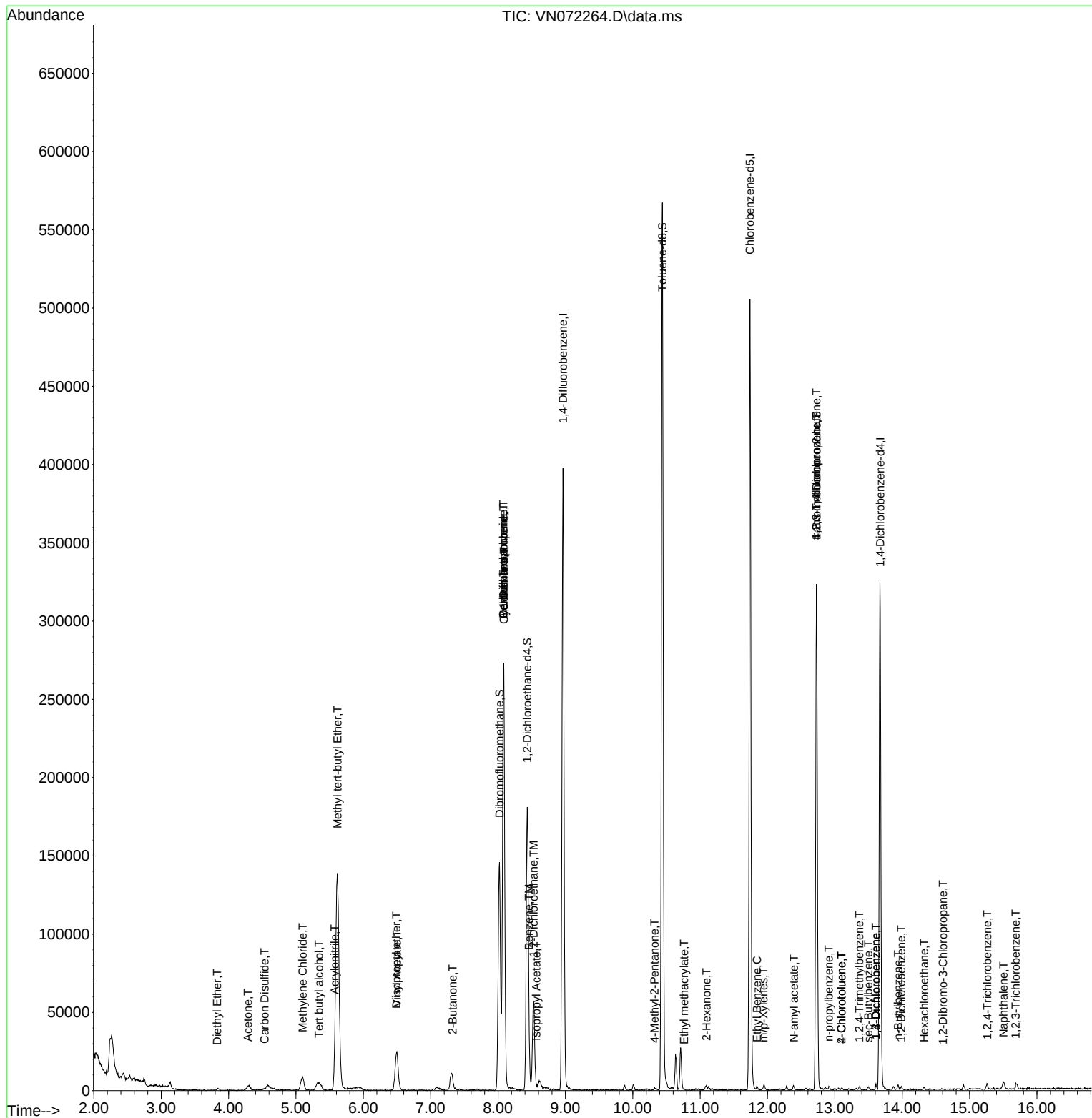
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90) Hexachloroethane	14.327	117	1239	0.994	ug/l #	9
91) 1,2-Dichlorobenzene	13.986	146	1062	0.364	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.604	75	140	0.262	ug/l #	50
93) 1,2,4-Trichlorobenzene	15.262	180	797	2.982	ug/l #	20
95) Naphthalene	15.504	128	5989	5.507	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.686	180	1540	3.759	ug/l #	79

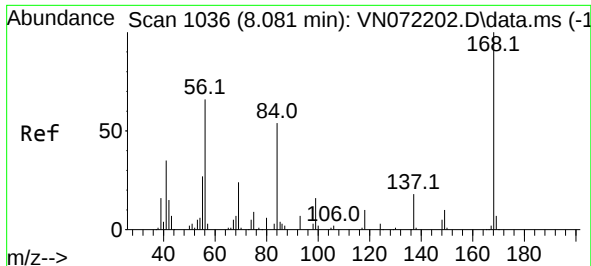
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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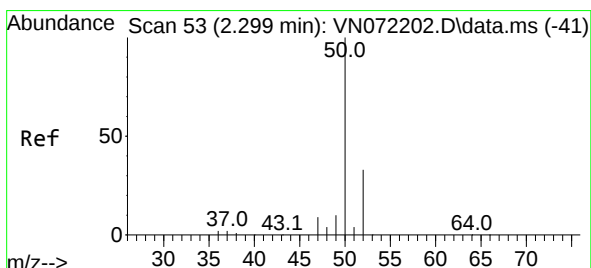
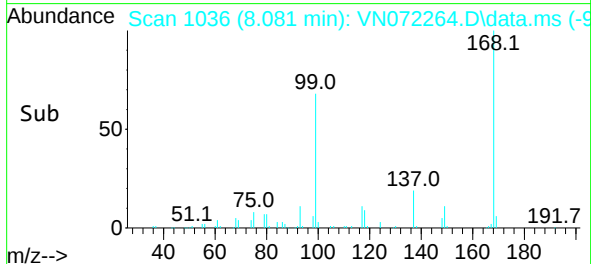
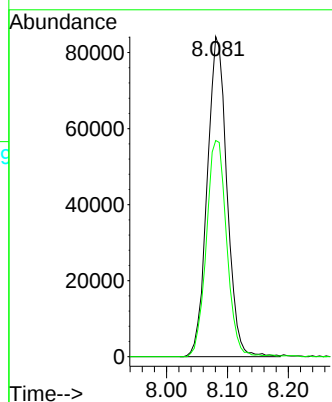
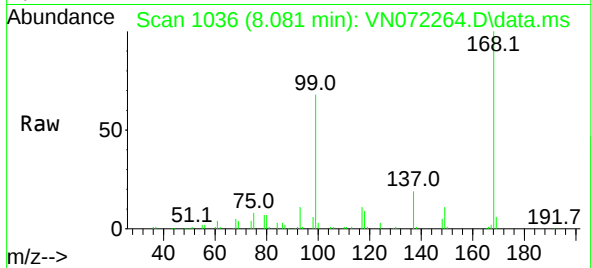




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

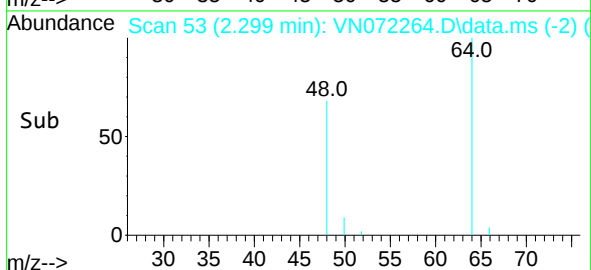
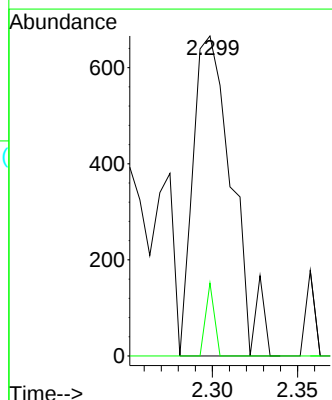
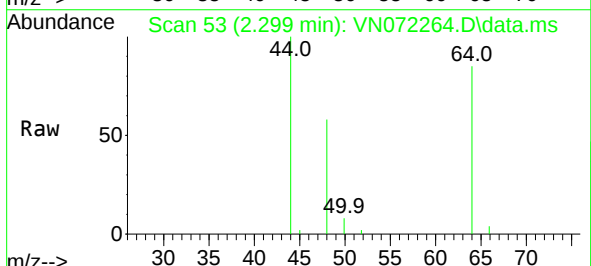
Instrument :
MSVOA_N
ClientSampleId :
MW-17IRDL

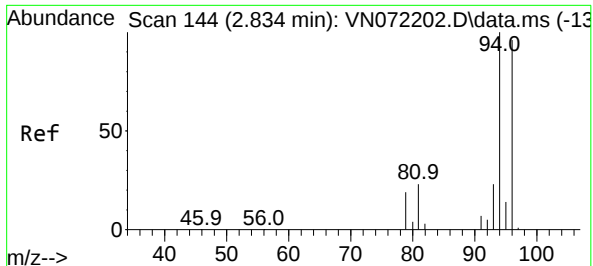
Tgt Ion:168 Resp: 189728
Ion Ratio Lower Upper
168 100
99 67.6 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

Tgt Ion: 50 Resp: 1064
Ion Ratio Lower Upper
50 100
52 22.8 25.7 38.5#

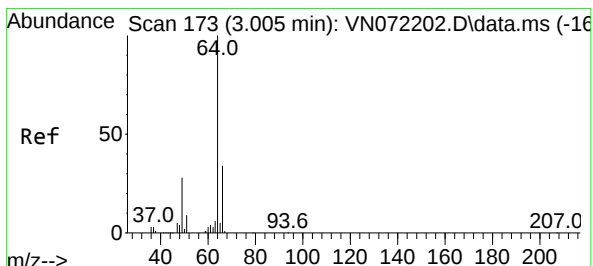
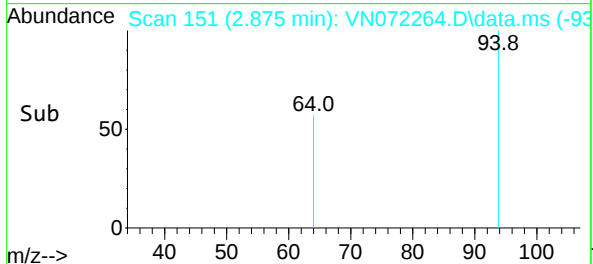
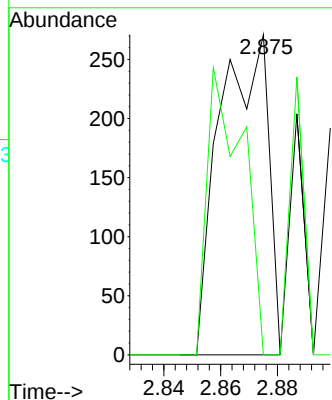
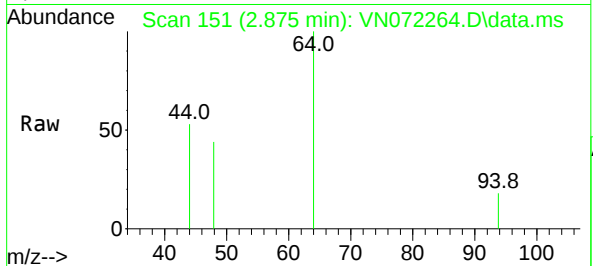




#5
Bromomethane
Concen: Below Cal
RT: 2.875 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

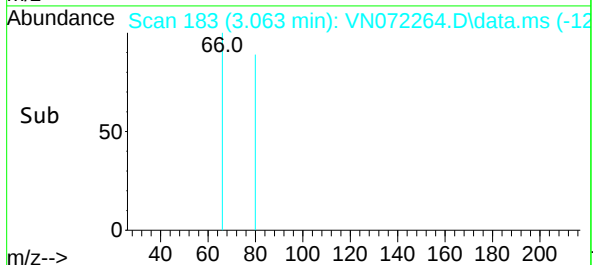
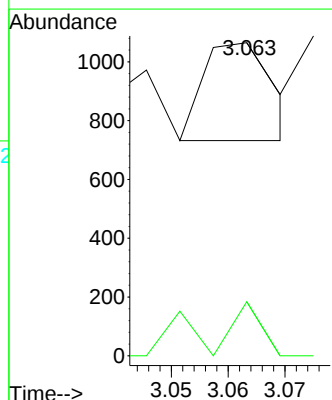
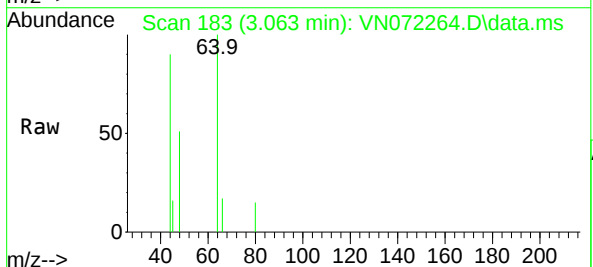
Instrument :
MSVOA_N
ClientSampleId :
MW-17IRDL

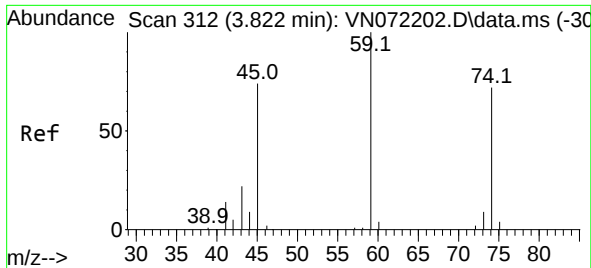
Tgt Ion: 94 Resp: 321
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 3.063 min Scan# 183
Delta R.T. 0.058 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

Tgt Ion: 64 Resp: 285
Ion Ratio Lower Upper
64 100
66 55.3 26.2 39.4#





#8

Diethyl Ether

Concen: 0.235 ug/l

RT: 3.828 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN072264.D

Acq: 29 Apr 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

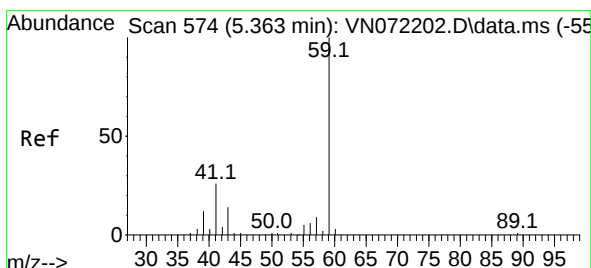
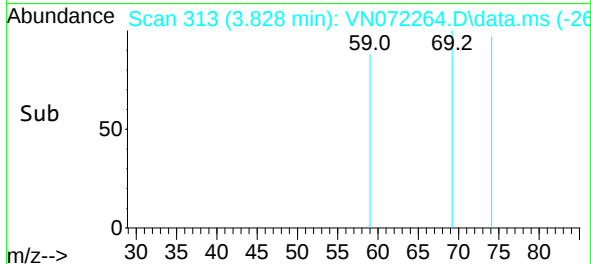
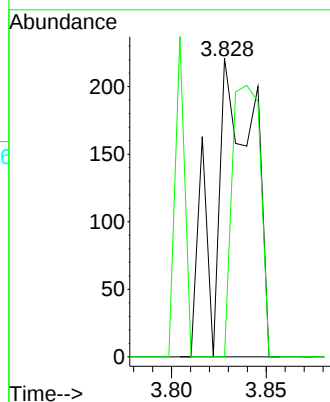
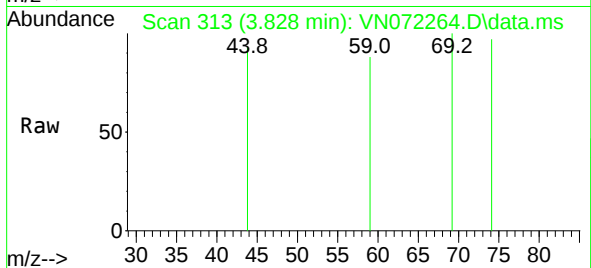
MW-17IRDL

Tgt Ion: 74 Resp: 317

Ion Ratio Lower Upper

74 100

45 65.3 42.9 128.5



#11

Tert butyl alcohol

Concen: 13.295 ug/l

RT: 5.340 min Scan# 570

Delta R.T. -0.023 min

Lab File: VN072264.D

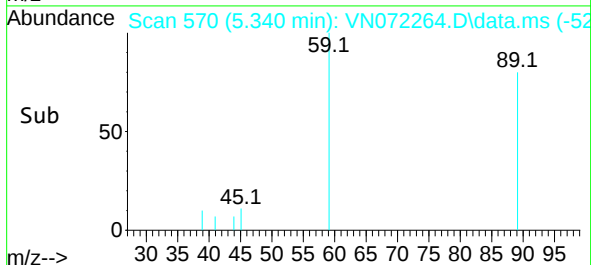
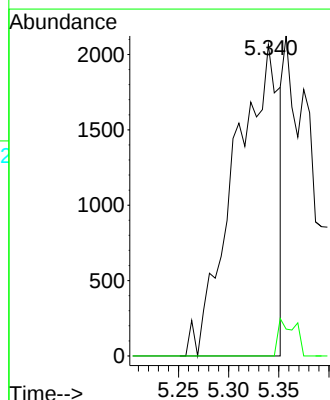
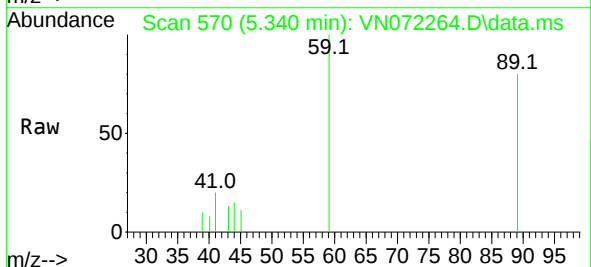
Acq: 29 Apr 2022 12:58

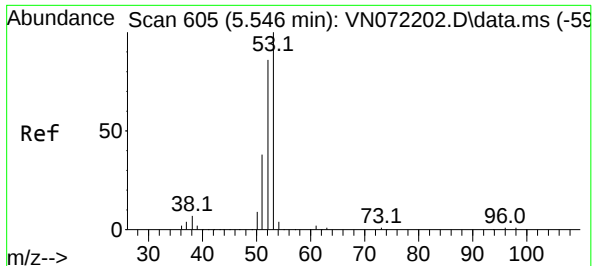
Tgt Ion: 59 Resp: 6364

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#

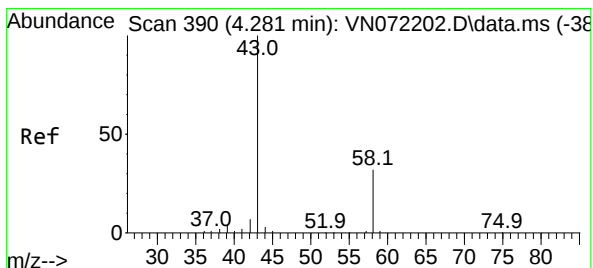
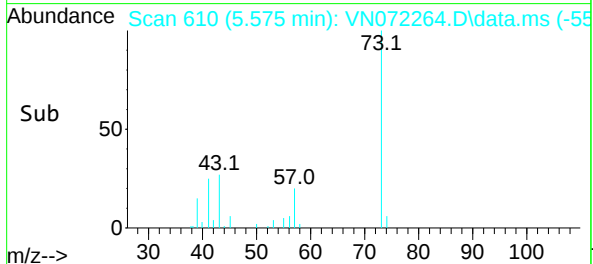
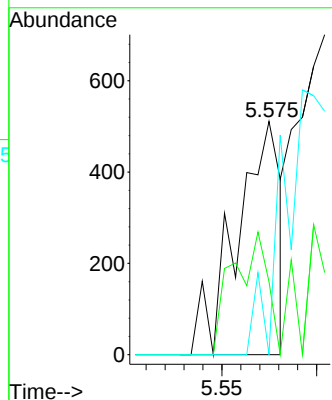
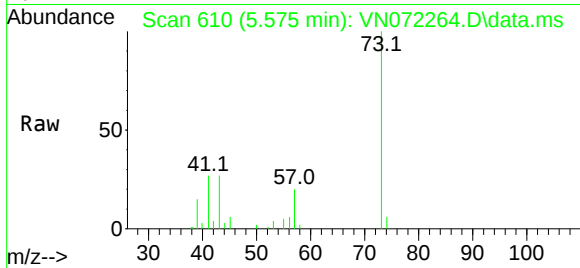




#15
Acrylonitrile
Concen: 0.569 ug/l
RT: 5.575 min Scan# 61
Delta R.T. 0.029 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

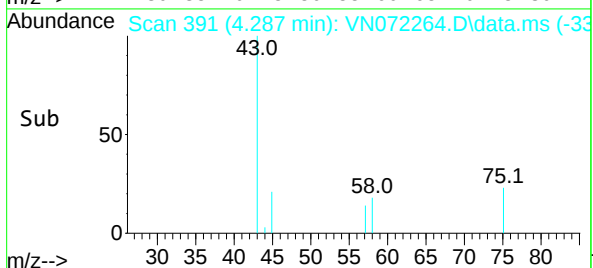
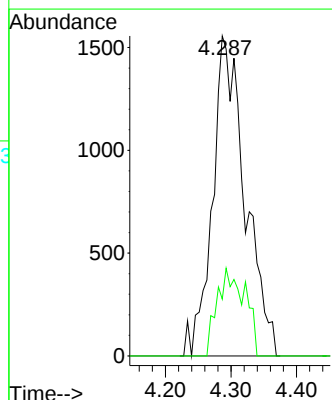
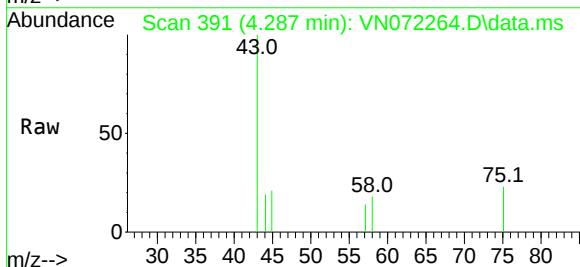
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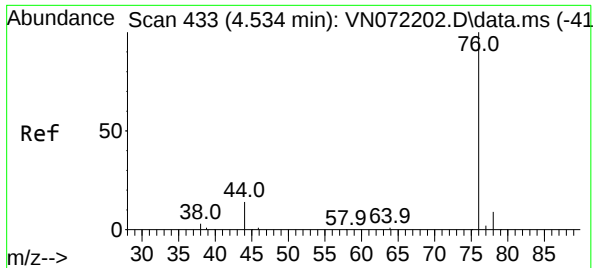
Tgt Ion: 53 Resp: 822
Ion Ratio Lower Upper
53 100
52 41.6 66.4 99.6#
51 0.0 28.5 42.7#



#16
Acetone
Concen: 4.276 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

Tgt Ion: 43 Resp: 5370
Ion Ratio Lower Upper
43 100
58 17.7 26.0 39.0#

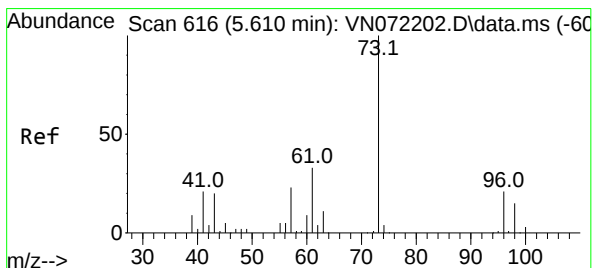
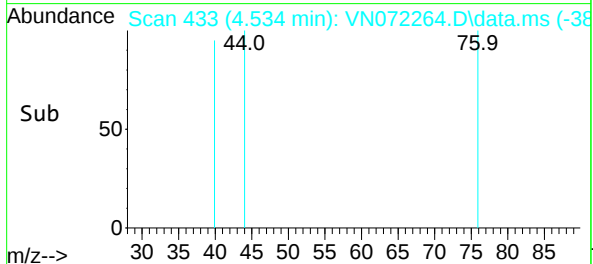
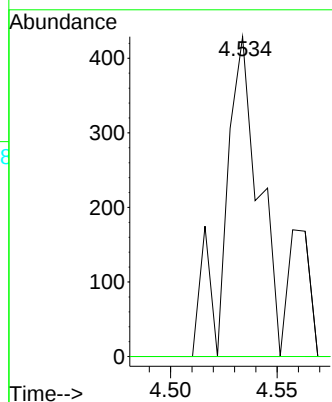
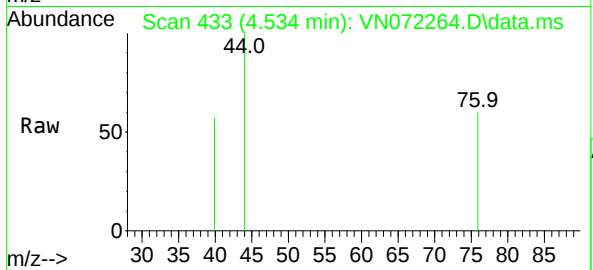




#17
Carbon Disulfide
Concen: 0.474 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

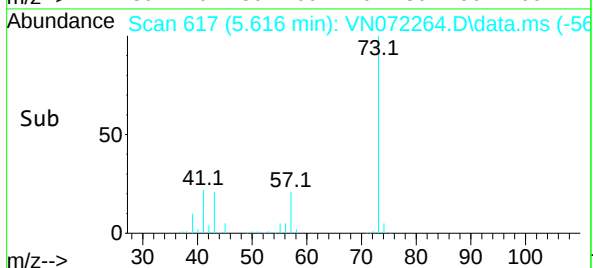
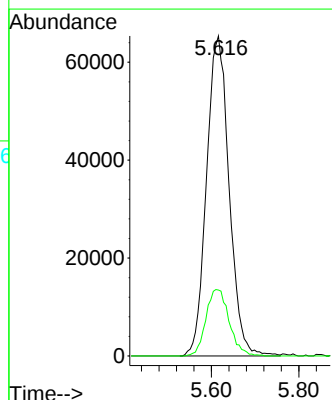
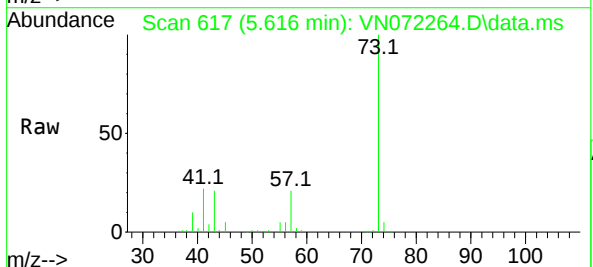
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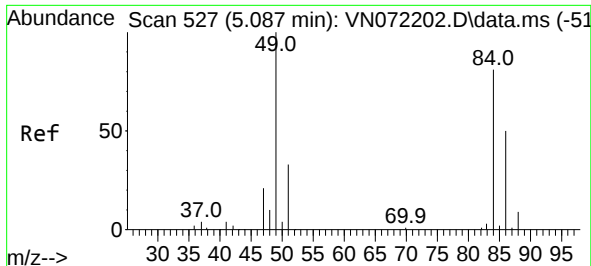
Tgt Ion: 76 Resp: 475
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#19
Methyl tert-butyl Ether
Concen: 33.088 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

Tgt Ion: 73 Resp: 235024
Ion Ratio Lower Upper
73 100
57 20.6 17.6 26.4

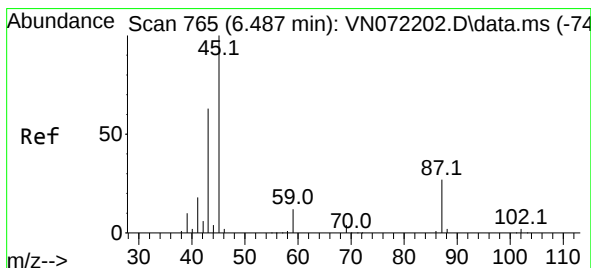
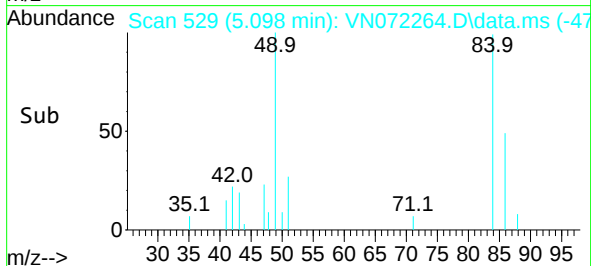
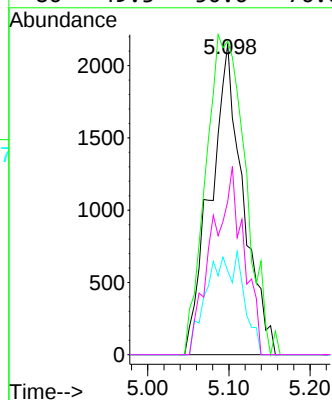
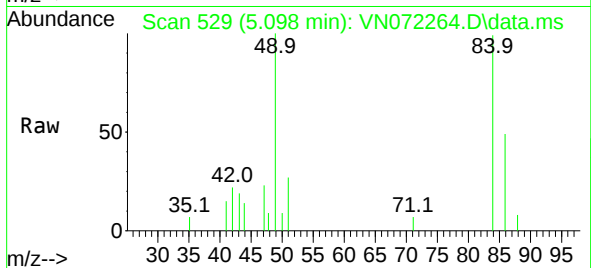




#20
Methylene Chloride
Concen: 2.491 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

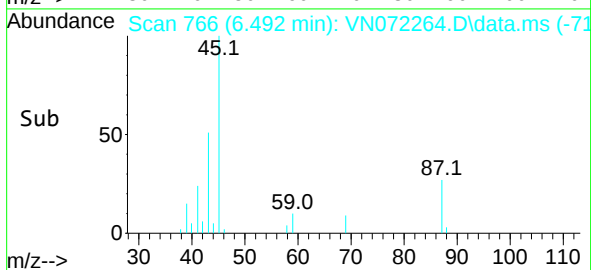
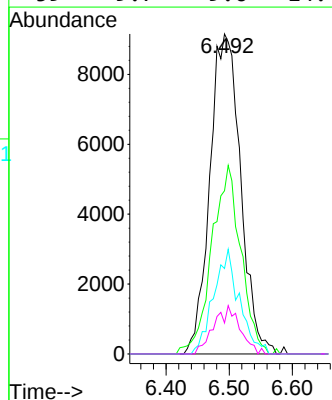
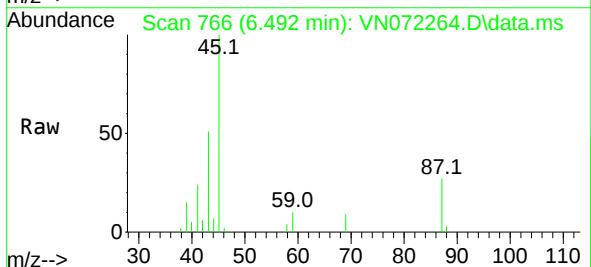
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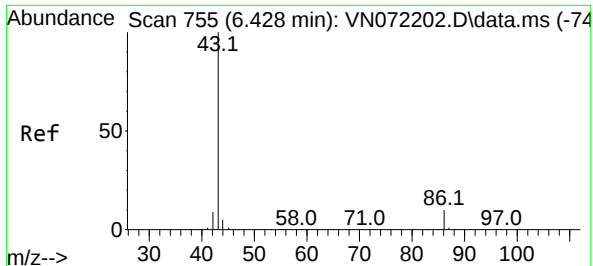
Tgt Ion: 84	Resp: 5997
Ion Ratio	Lower Upper
84 100	
49 100.8	88.3 132.5
51 26.9	28.2 42.2#
86 49.3	50.6 76.0#



#22
Diisopropyl ether
Concen: 3.986 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN072264.D
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Tgt Ion: 45	Resp: 30893
Ion Ratio	Lower Upper
45 100	
43 51.0	46.6 70.0
87 26.7	24.3 36.5
59 9.7	9.6 14.4

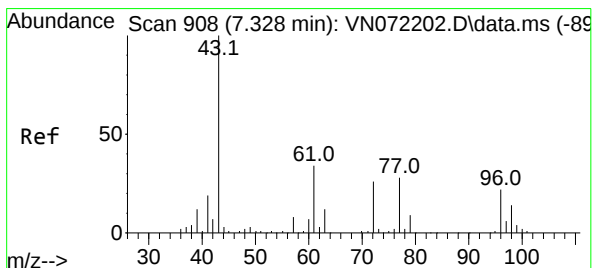
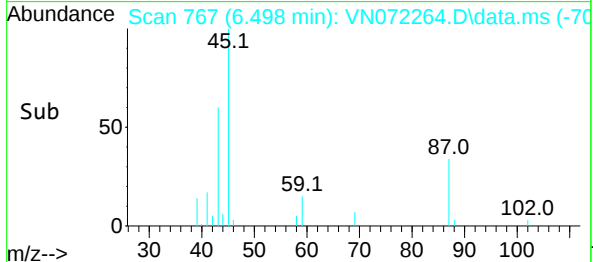
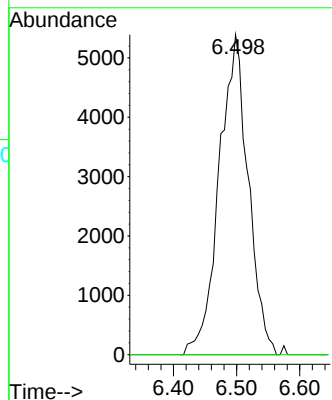
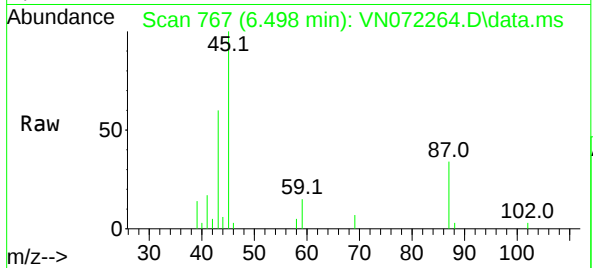




#23
 Vinyl Acetate
 Concen: 2.651 ug/l
 RT: 6.498 min Scan# 710
 Delta R.T. 0.070 min
 Lab File: VN072264.D
 Acq: 29 Apr 2022 12:58

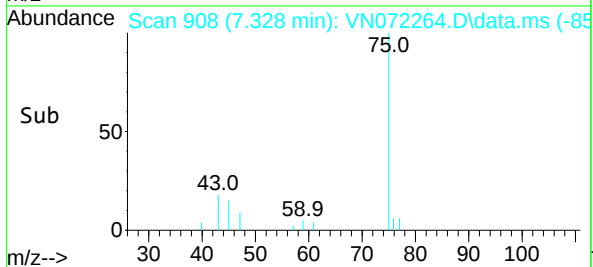
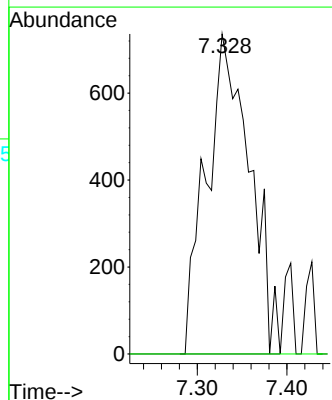
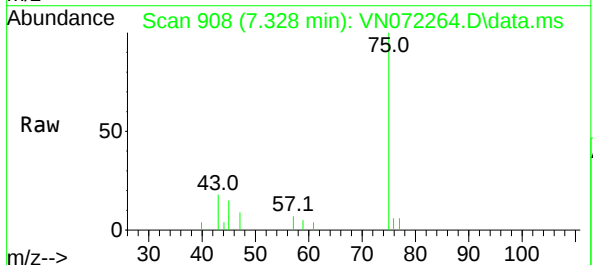
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-17IRDL

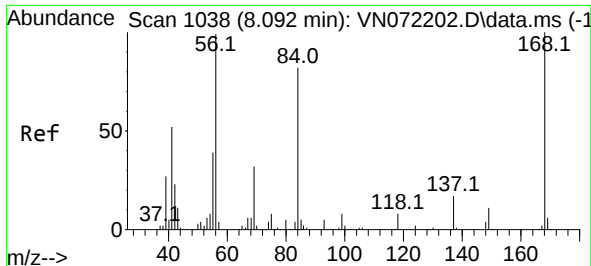
Tgt Ion: 43 Resp: 17255
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#25
 2-Butanone
 Concen: 1.239 ug/l
 RT: 7.328 min Scan# 908
 Delta R.T. -0.000 min
 Lab File: VN072264.D
 Acq: 29 Apr 2022 12:58

Tgt Ion: 43 Resp: 2478
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.7 35.5#

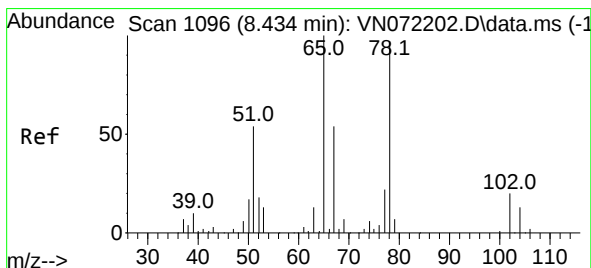
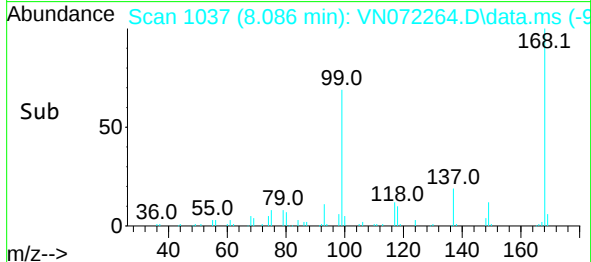
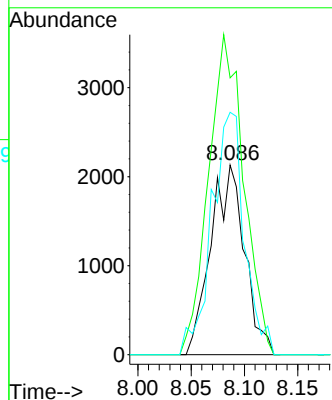
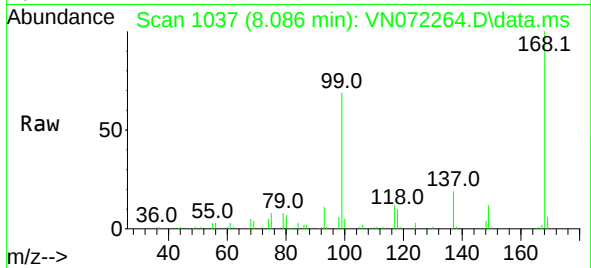




#31
Cyclohexane
Concen: 1.211 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

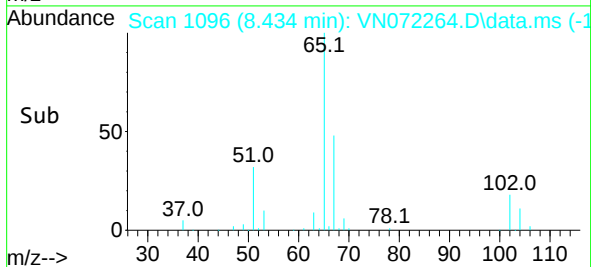
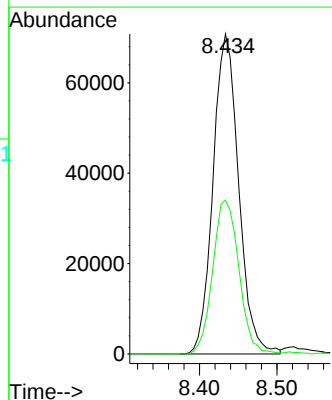
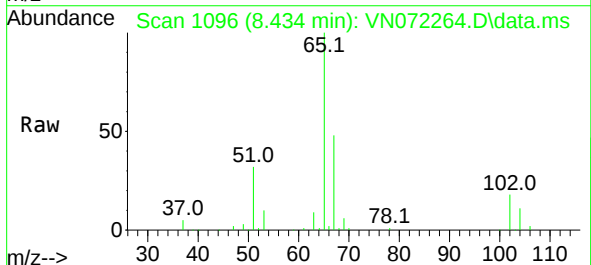
Instrument :
MSVOA_N
ClientSampleId :
MW-17IRDL

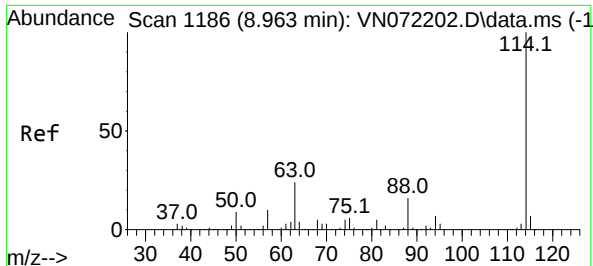
Tgt Ion: 56 Resp: 4712
Ion Ratio Lower Upper
56 100
69 145.9 27.8 41.8#
84 127.8 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 55.754 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

Tgt Ion: 65 Resp: 162397
Ion Ratio Lower Upper
65 100
67 49.2 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: VN072264.D

Acq: 29 Apr 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

MW-17IRDL

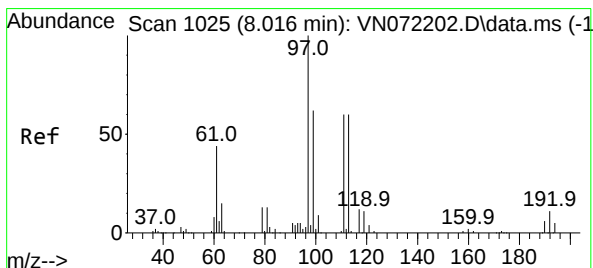
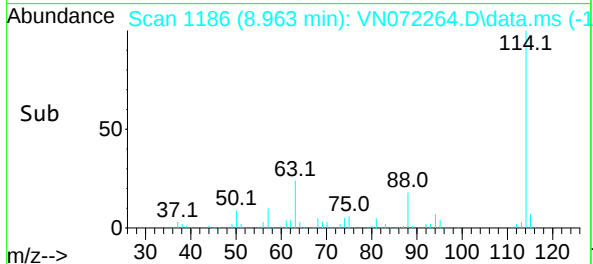
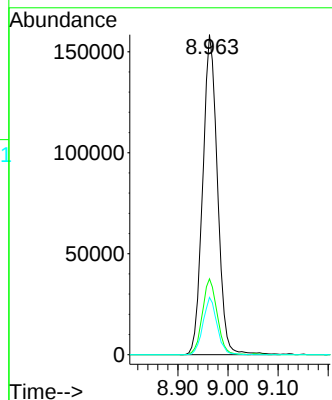
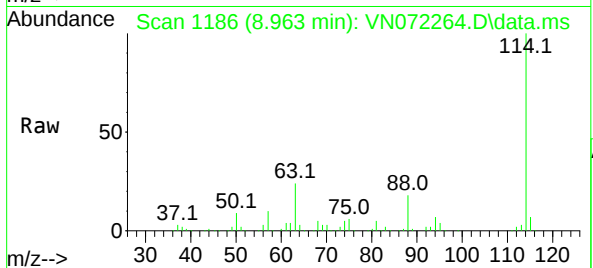
Tgt Ion:114 Resp: 324480

Ion Ratio Lower Upper

114 100

63 23.7 0.0 40.0

88 17.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.270 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072264.D

Acq: 29 Apr 2022 12:58

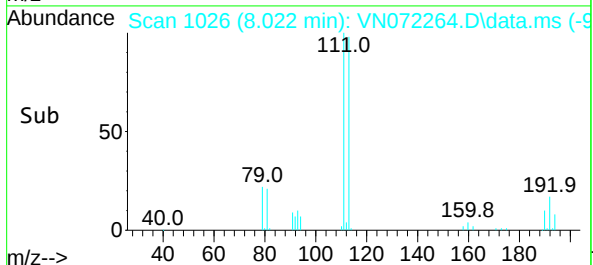
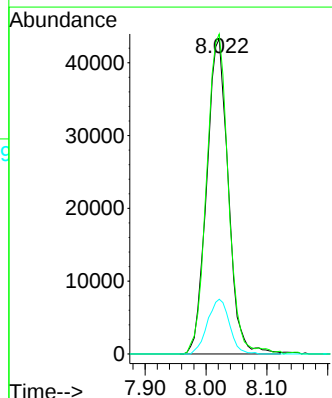
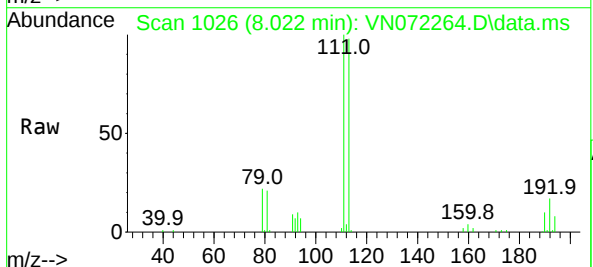
Tgt Ion:113 Resp: 106481

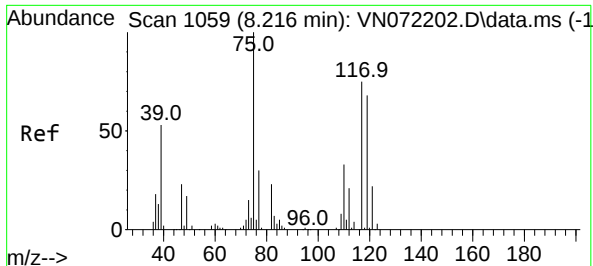
Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 17.6 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.524 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072264.D

Acq: 29 Apr 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

MW-17IRDL

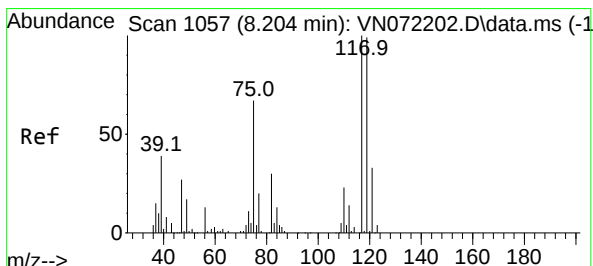
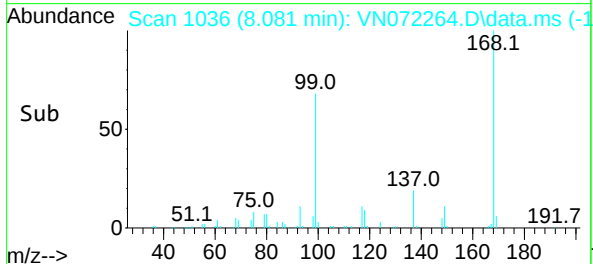
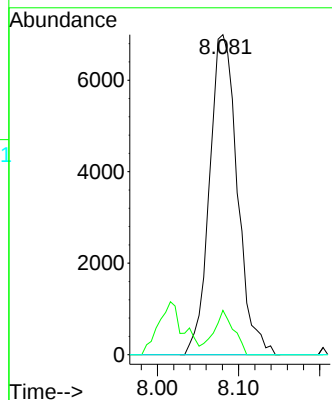
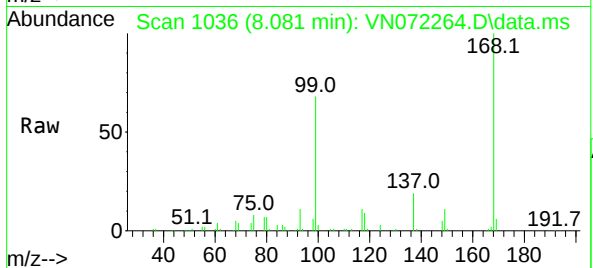
Tgt Ion: 75 Resp: 16699

Ion Ratio Lower Upper

75 100

110 10.1 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.976 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN072264.D

Acq: 29 Apr 2022 12:58

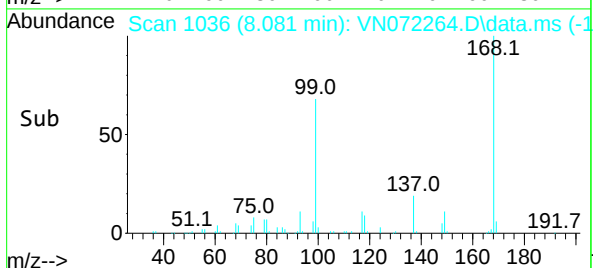
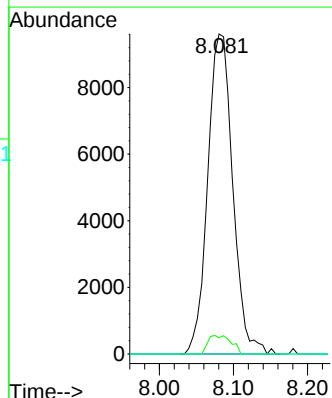
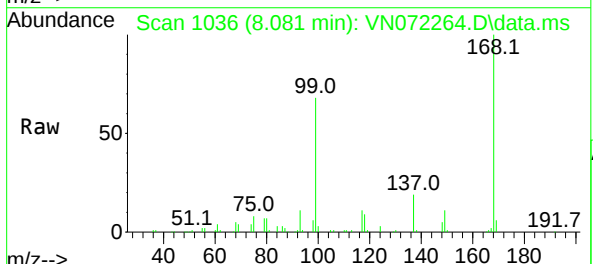
Tgt Ion: 117 Resp: 22585

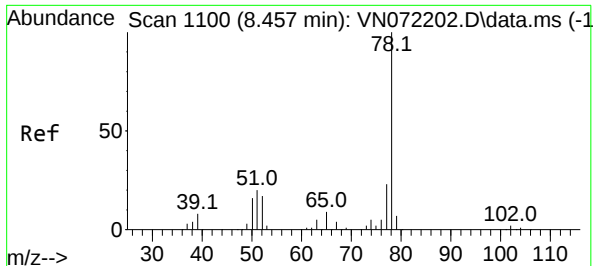
Ion Ratio Lower Upper

117 100

119 5.1 75.8 113.8#

121 0.0 24.6 37.0#

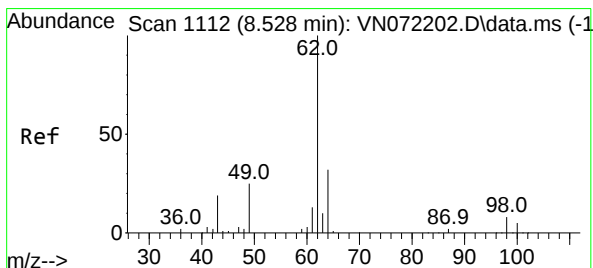
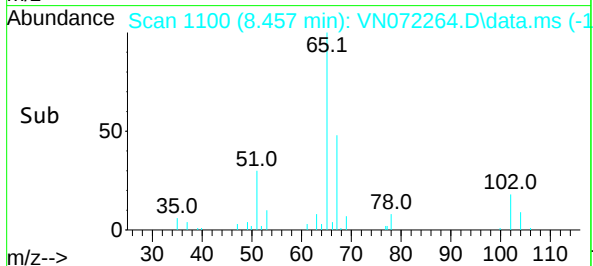
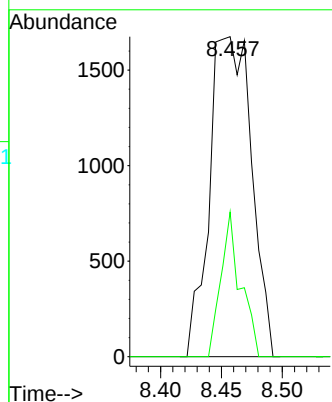
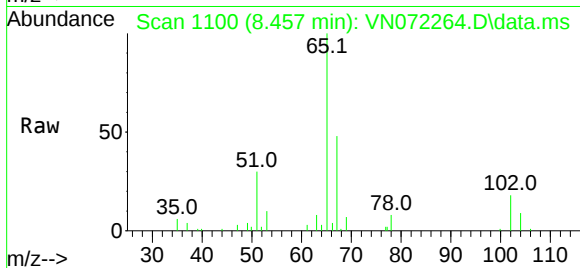




#40
Benzene
Concen: 0.429 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

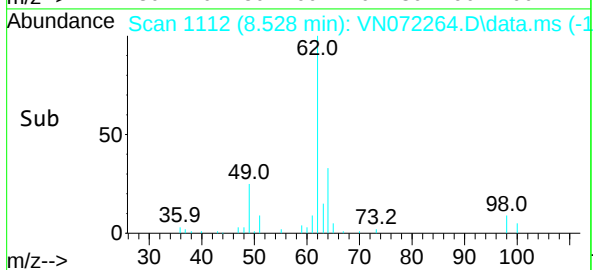
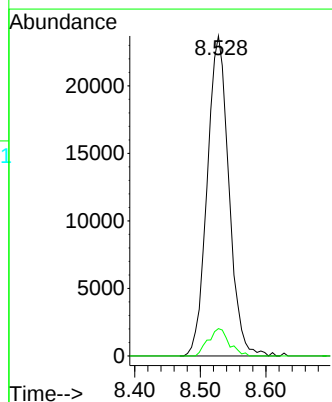
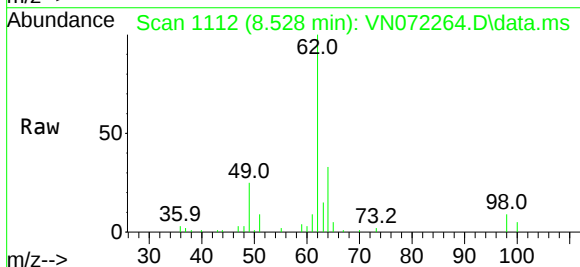
Instrument :
MSVOA_N
ClientSampleId :
MW-17IRDL

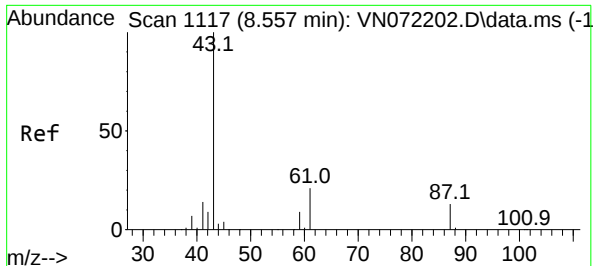
Tgt Ion: 78 Resp: 4020
Ion Ratio Lower Upper
78 100
77 45.2 19.4 29.0#



#42
1,2-Dichloroethane
Concen: 15.164 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

Tgt Ion: 62 Resp: 54437
Ion Ratio Lower Upper
62 100
98 8.2 0.0 19.4





#43

Isopropyl Acetate

Concen: 0.819 ug/l

RT: 8.569 min Scan# 1119

Delta R.T. 0.012 min

Lab File: VN072264.D

Acq: 29 Apr 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

MW-17IRDL

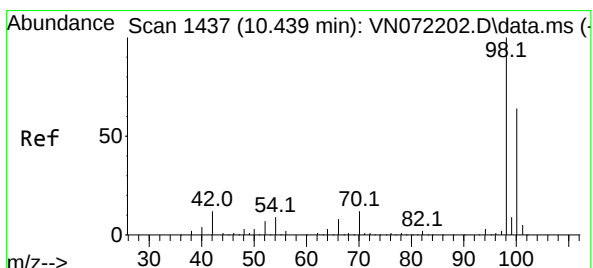
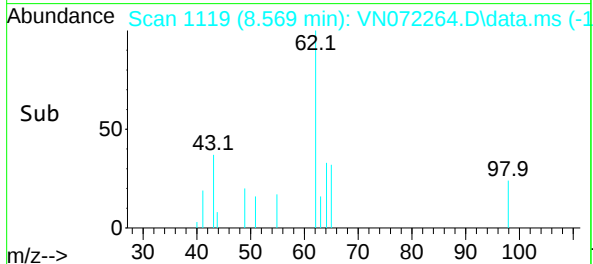
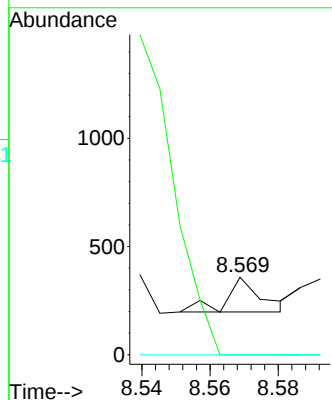
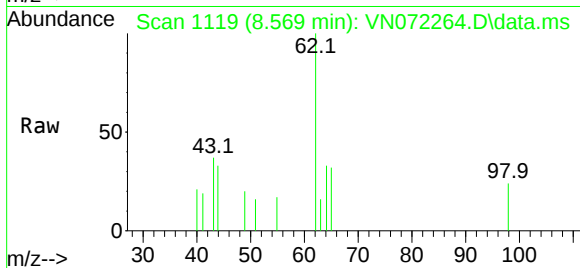
Tgt Ion: 43 Resp: 113

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#50

Toluene-d8

Concen: 47.208 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072264.D

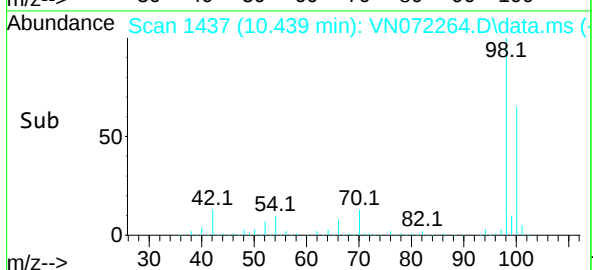
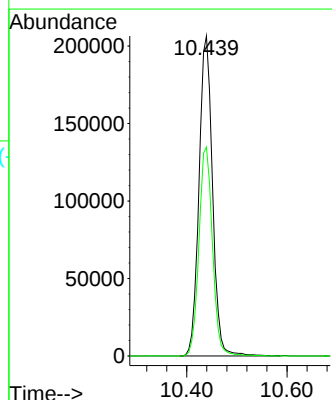
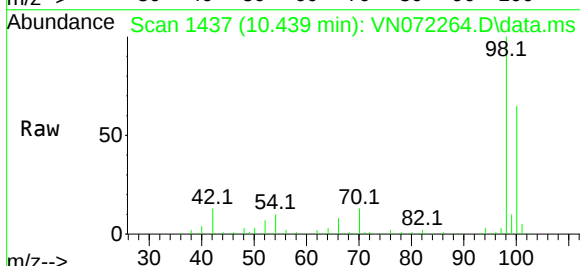
Acq: 29 Apr 2022 12:58

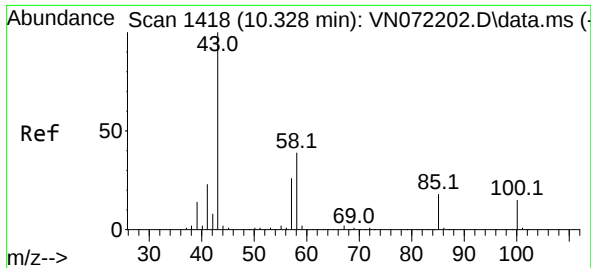
Tgt Ion: 98 Resp: 385254

Ion Ratio Lower Upper

98 100

100 65.6 52.6 78.8

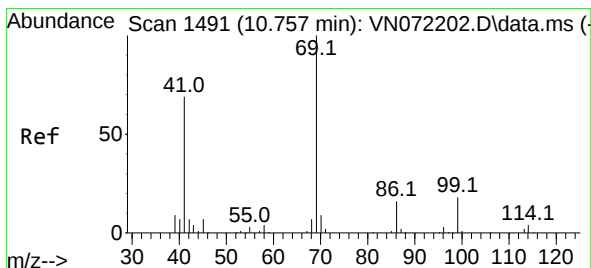
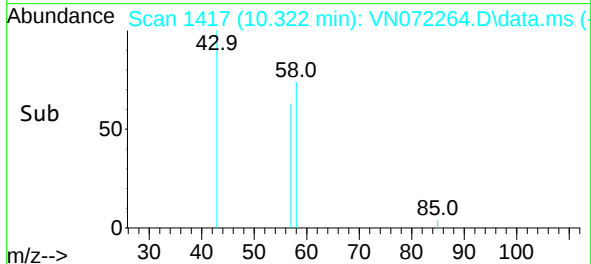
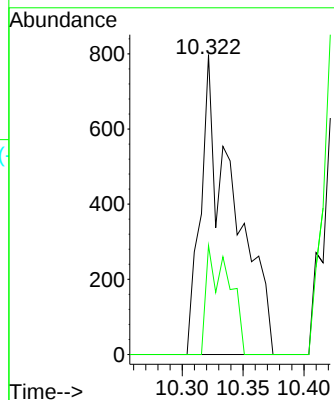
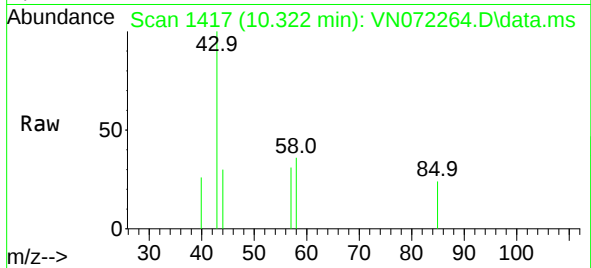




#51
4-Methyl-2-Pentanone
Concen: 0.393 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

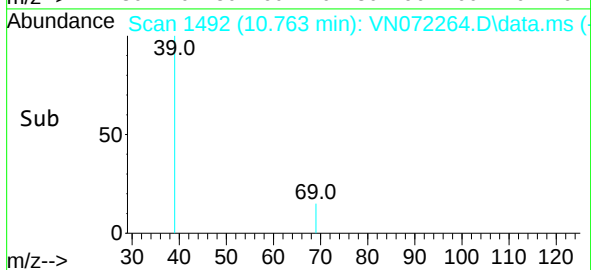
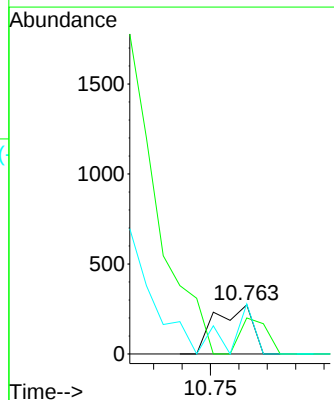
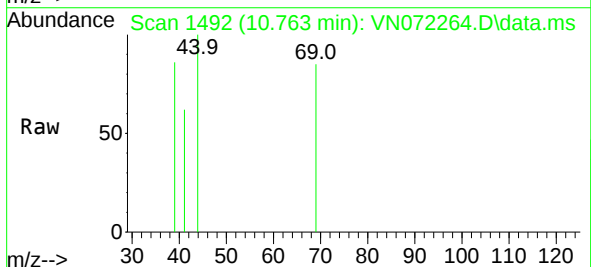
Instrument :
MSVOA_N
ClientSampleId :
MW-17IRDL

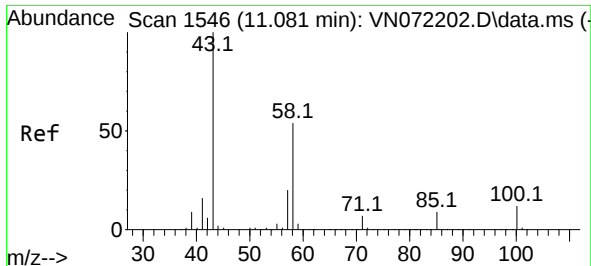
Tgt Ion: 43 Resp: 1488
Ion Ratio Lower Upper
43 100
58 25.3 34.1 51.1#



#56
Ethyl methacrylate
Concen: 2.422 ug/l
RT: 10.763 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

Tgt Ion: 69 Resp: 244
Ion Ratio Lower Upper
69 100
41 0.0 47.8 71.6#
39 63.1 27.3 40.9#

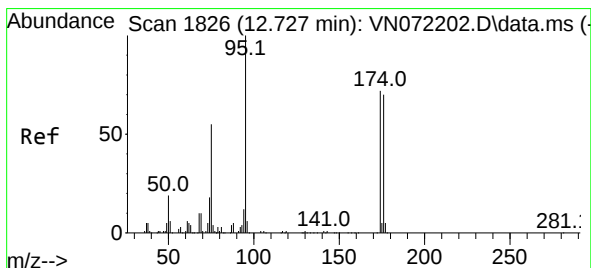
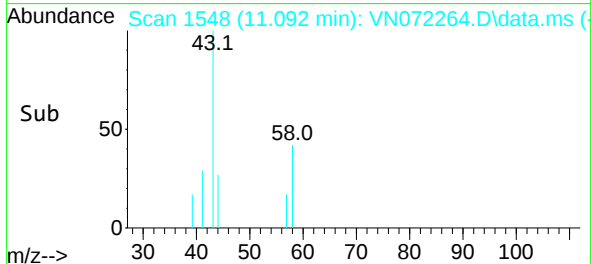
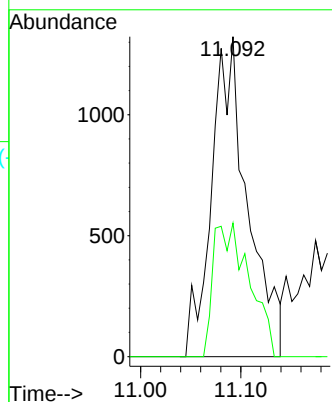
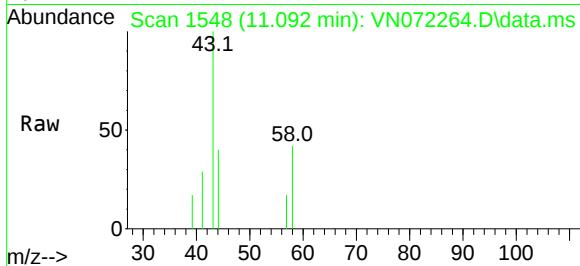




#59
2-Hexanone
Concen: 1.244 ug/l
RT: 11.092 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

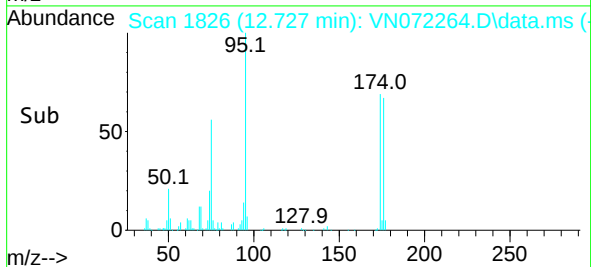
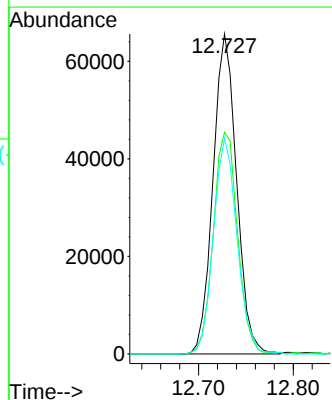
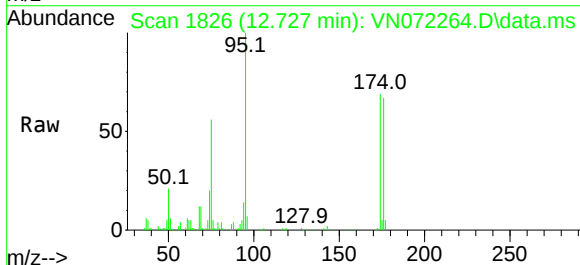
Instrument :
MSVOA_N
ClientSampleId :
MW-17IRDL

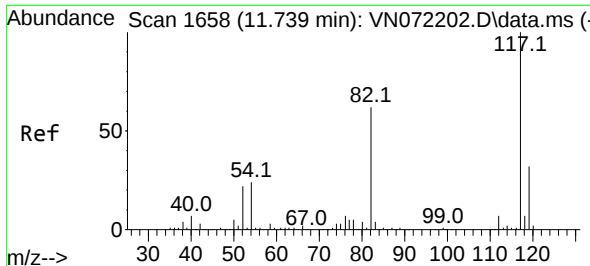
Tgt Ion: 43 Resp: 3320
Ion Ratio Lower Upper
43 100
58 41.5 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 41.875 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

Tgt Ion: 95 Resp: 113428
Ion Ratio Lower Upper
95 100
174 71.5 0.0 167.6
176 67.8 0.0 163.4

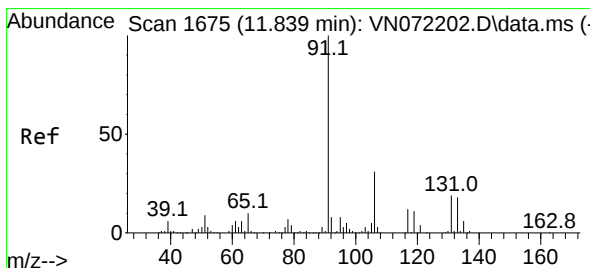
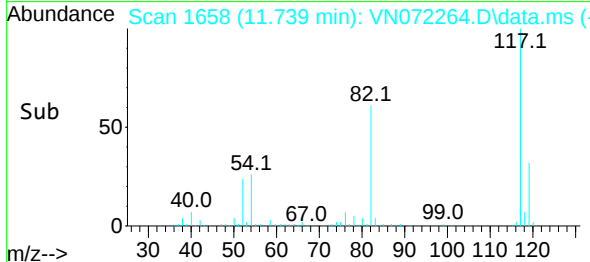
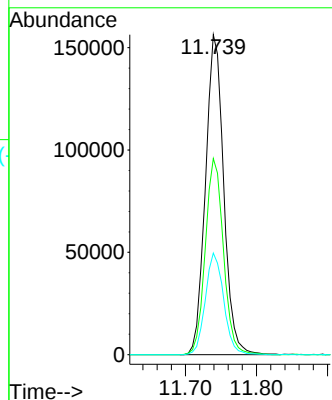
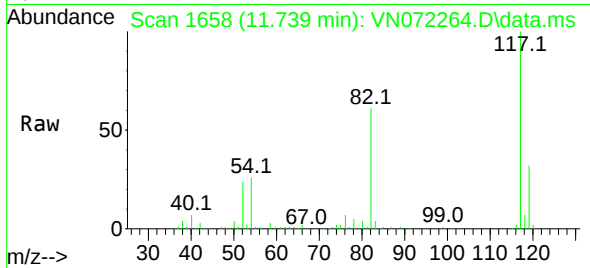




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

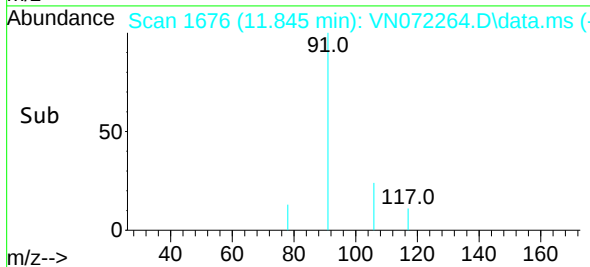
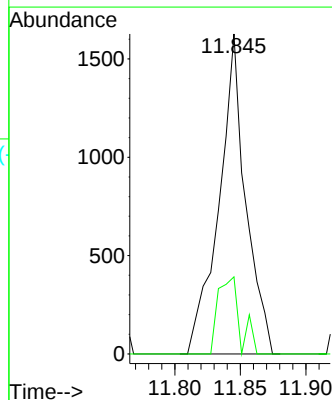
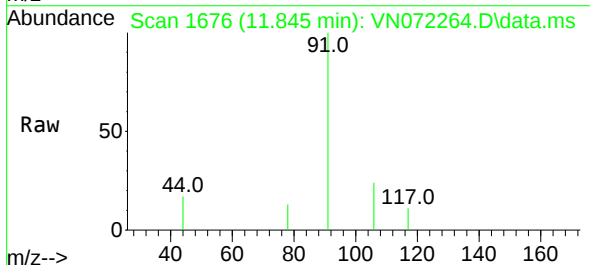
Instrument :
MSVOA_N
ClientSampleId :
MW-17IRDL

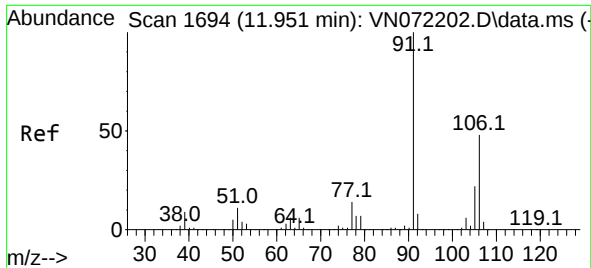
Tgt Ion:117 Resp: 279299
Ion Ratio Lower Upper
117 100
82 61.3 44.2 66.2
119 31.7 25.4 38.0



#67
Ethyl Benzene
Concen: 0.234 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

Tgt Ion: 91 Resp: 2304
Ion Ratio Lower Upper
91 100
106 24.1 24.9 37.3#

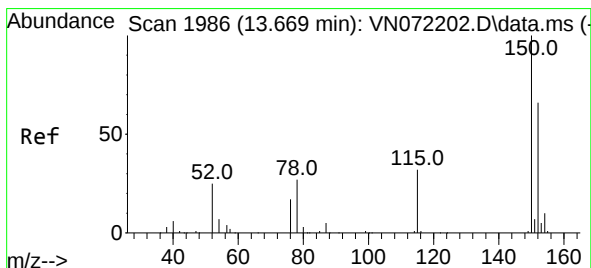
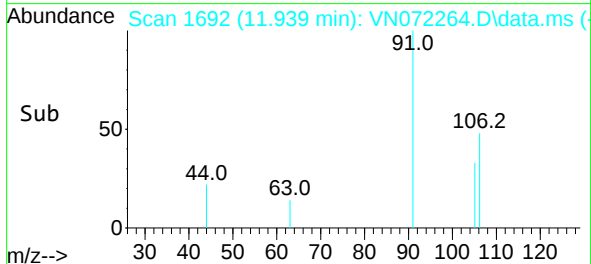
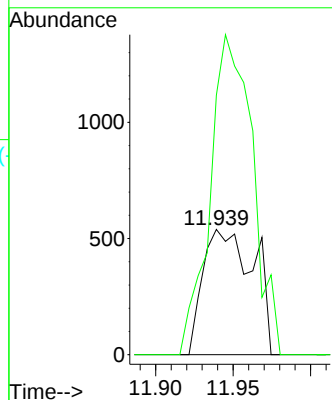
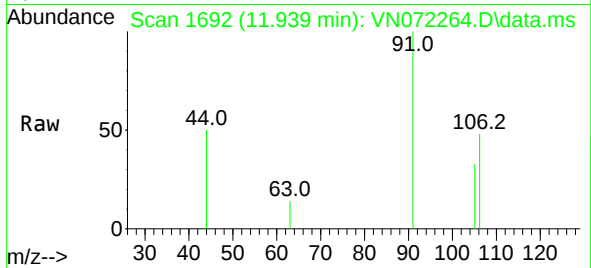




#68
m/p-Xylenes
Concen: 0.334 ug/l
RT: 11.939 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

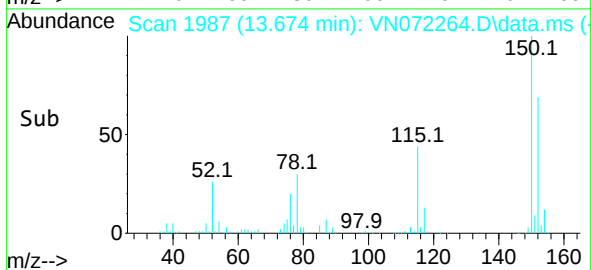
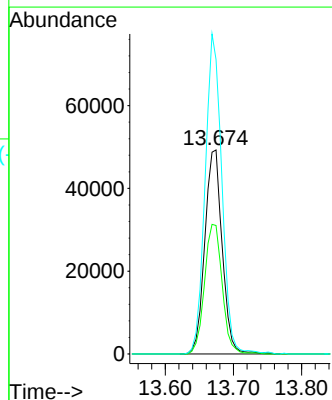
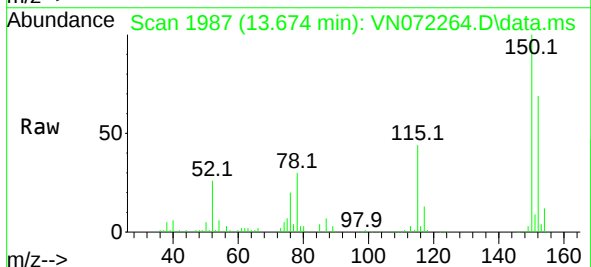
Instrument :
MSVOA_N
ClientSampleId :
MW-17IRDL

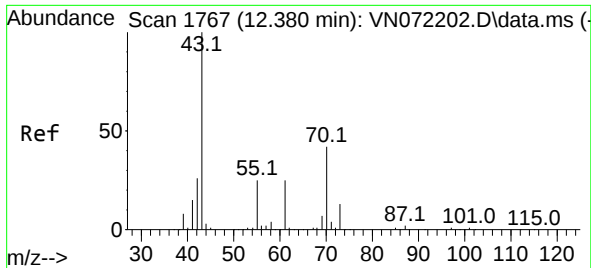
Tgt Ion:106 Resp: 1221
Ion Ratio Lower Upper
106 100
91 215.1 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

Tgt Ion:152 Resp: 87510
Ion Ratio Lower Upper
152 100
115 64.6 28.9 86.7
150 150.8 0.0 356.2

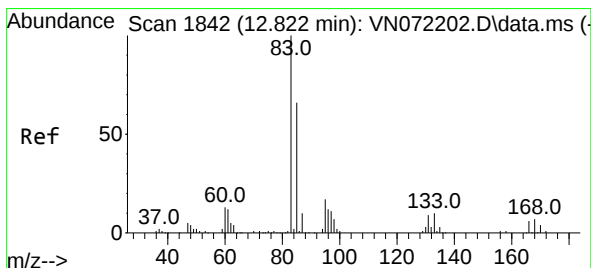
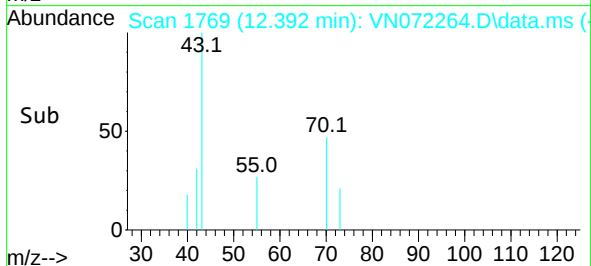
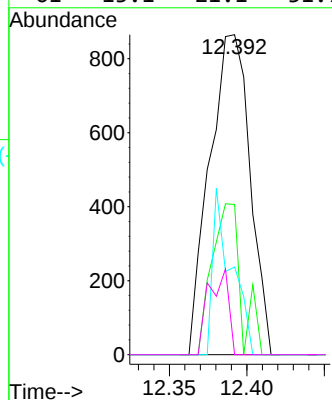
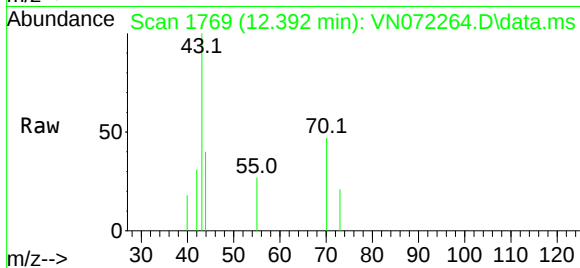




#74
N-amy1 acetate
Concen: 0.542 ug/l
RT: 12.392 min Scan# 1769
Delta R.T. 0.012 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

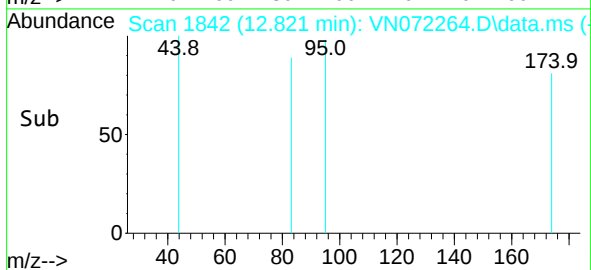
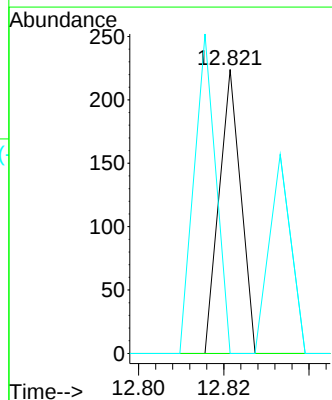
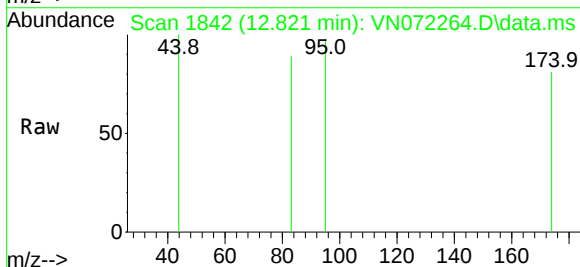
Instrument :
MSVOA_N
ClientSampleId :
MW-17IRDL

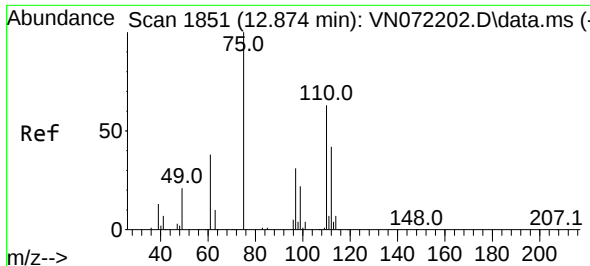
Tgt Ion: 43	Resp:	1569
Ion	Ratio	Lower Upper
43	100	
70	34.0	39.0 58.4#
55	24.0	21.1 31.7
61	13.1	21.1 31.7#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

Tgt Ion: 83	Resp:	79
Ion	Ratio	Lower Upper
83	100	
131	0.0	5.3 15.9#
85	112.7	32.3 96.9#

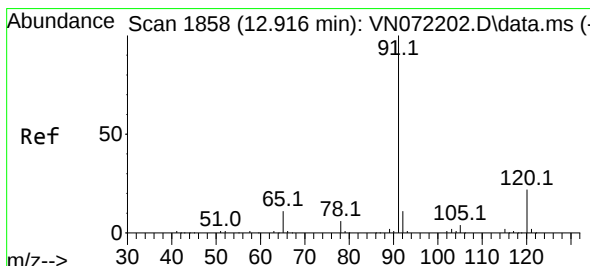
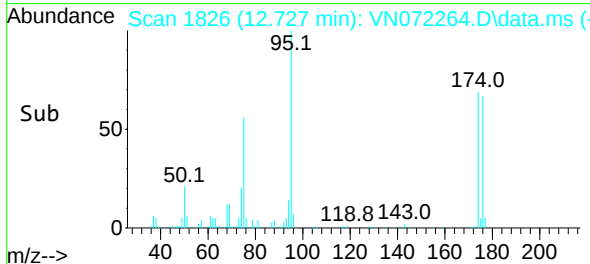
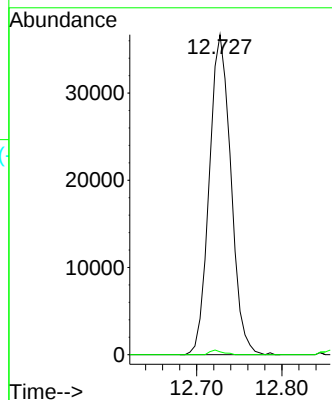
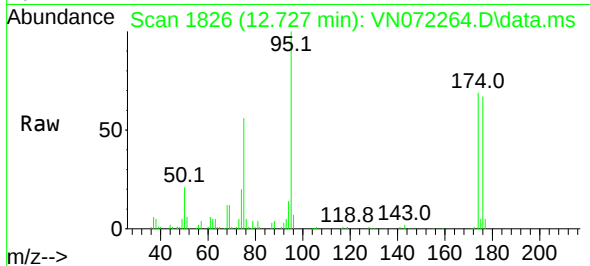




#76
1,2,3-Trichloropropane
Concen: 32.924 ug/l
RT: 12.727 min Scan# 1851
Delta R.T. -0.147 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

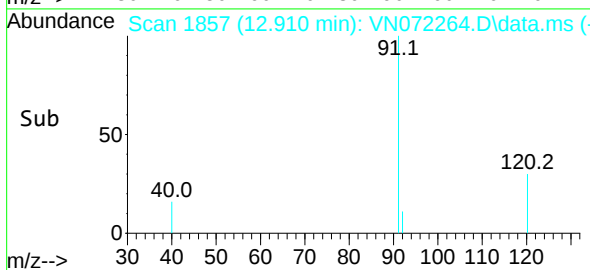
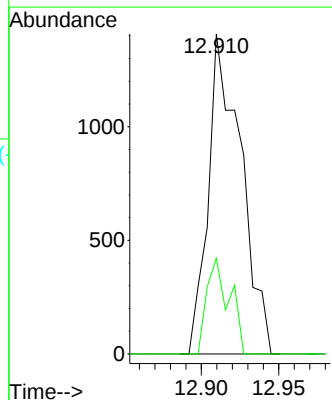
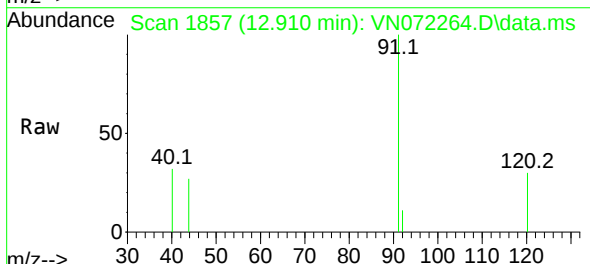
Instrument :
MSVOA_N
ClientSampleId :
MW-17IRDL

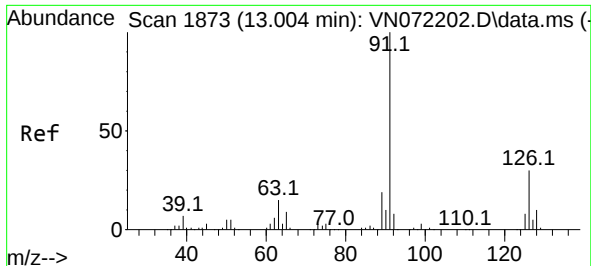
Tgt Ion: 75 Resp: 64819
Ion Ratio Lower Upper
75 100
77 0.9 98.5 295.5#



#78
n-propylbenzene
Concen: 0.243 ug/l
RT: 12.910 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

Tgt Ion: 91 Resp: 2066
Ion Ratio Lower Upper
91 100
120 20.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 0.209 ug/l

RT: 13.098 min Scan# 11

Delta R.T. 0.094 min

Lab File: VN072264.D

Acq: 29 Apr 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

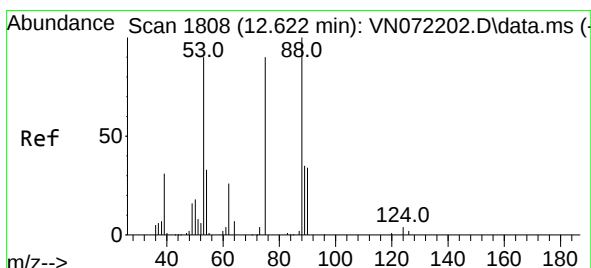
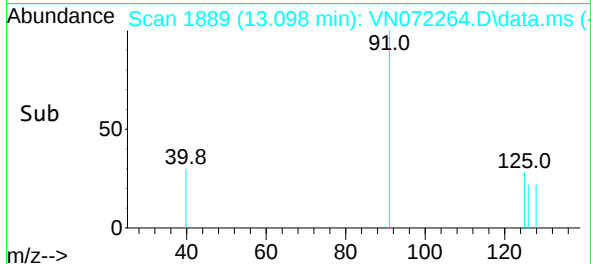
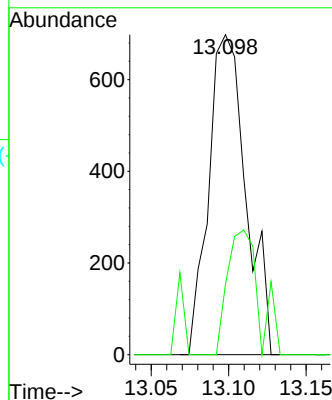
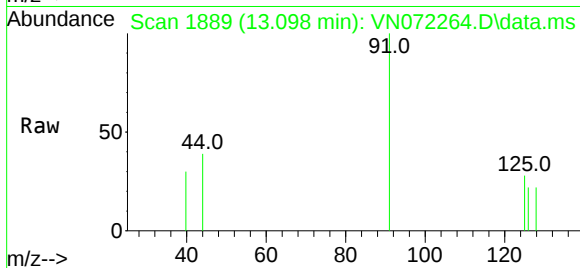
MW-17IRDL

Tgt Ion: 91 Resp: 1170

Ion Ratio Lower Upper

91 100

126 32.6 17.3 51.9



#81

trans-1,4-Dichloro-2-butene

Concen: 85.645 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.105 min

Lab File: VN072264.D

Acq: 29 Apr 2022 12:58

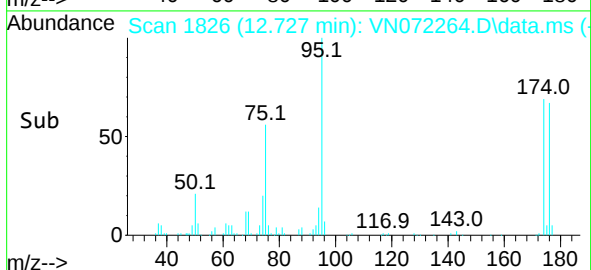
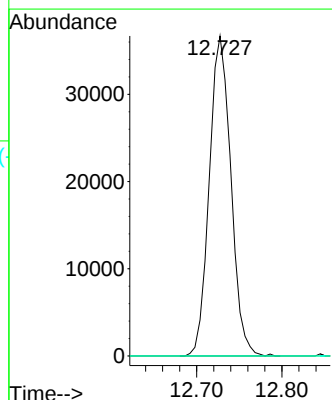
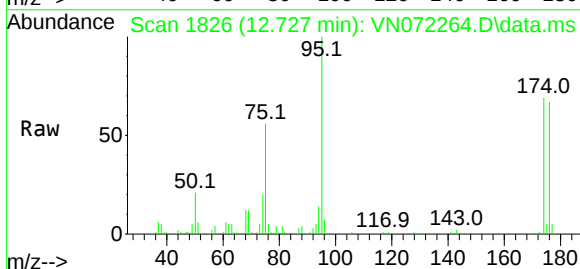
Tgt Ion: 75 Resp: 64819

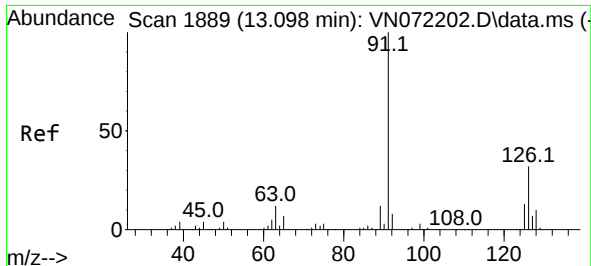
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 37.2 55.8#

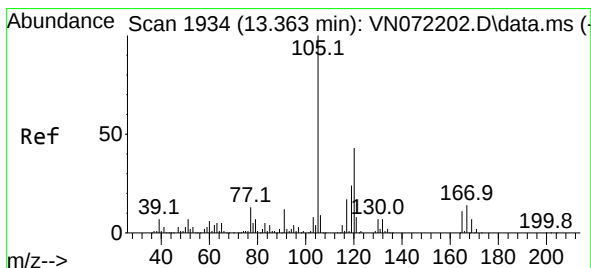
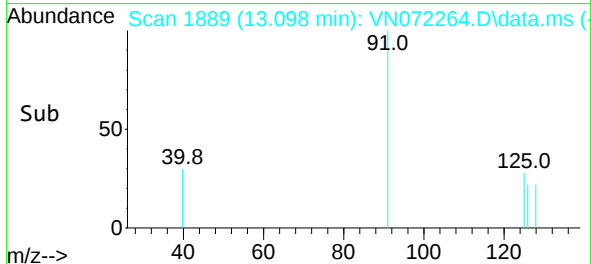
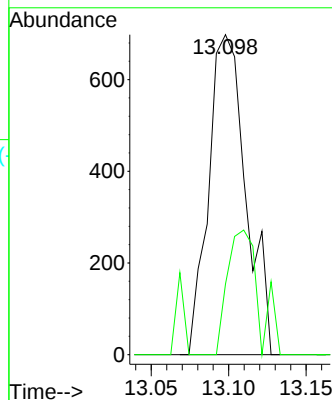
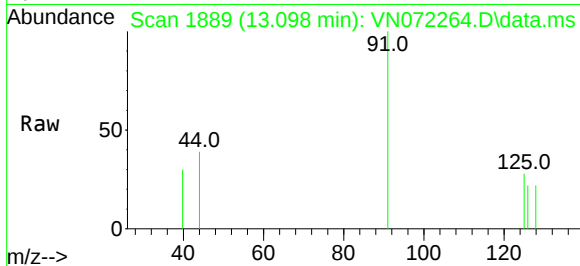




#82
4-Chlorotoluene
Concen: 0.225 ug/l
RT: 13.098 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

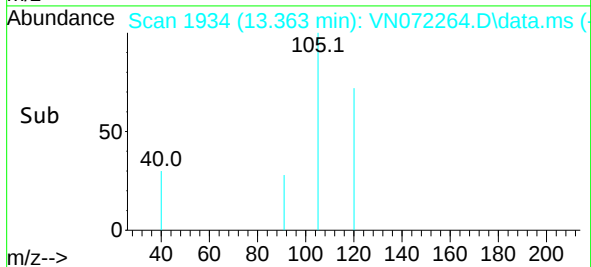
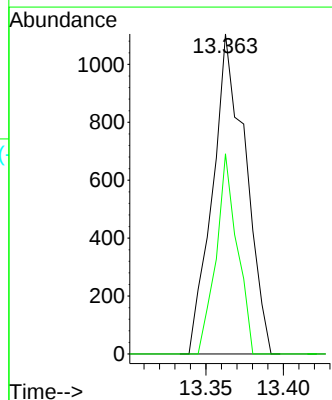
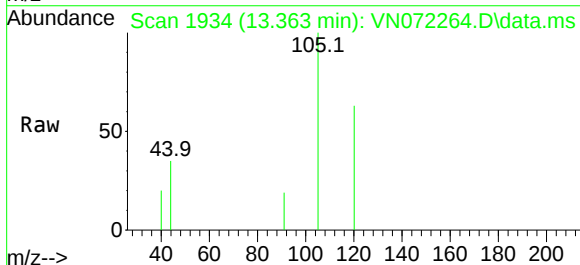
Instrument :
MSVOA_N
ClientSampleId :
MW-17IRDL

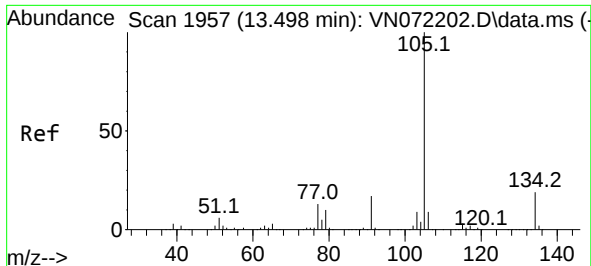
Tgt Ion: 91 Resp: 1170
Ion Ratio Lower Upper
91 100
126 32.6 17.2 51.6



#84
1,2,4-Trimethylbenzene
Concen: 0.262 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

Tgt Ion: 105 Resp: 1630
Ion Ratio Lower Upper
105 100
120 40.0 23.3 69.8

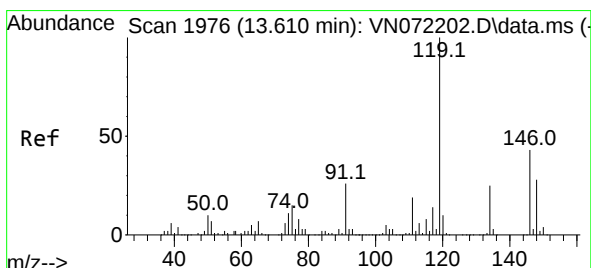
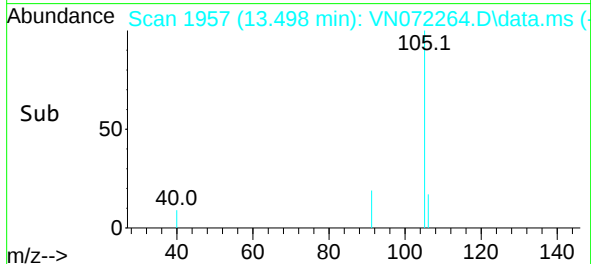
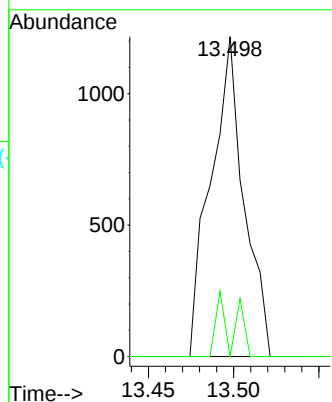
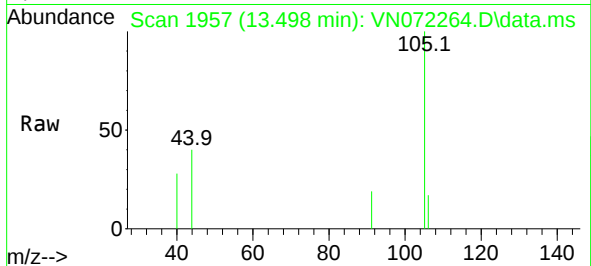




#85
 sec-Butylbenzene
 Concen: 0.223 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072264.D
 Acq: 29 Apr 2022 12:58

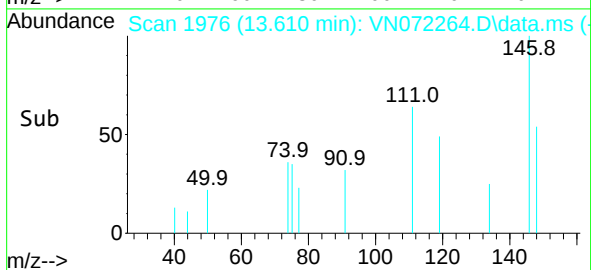
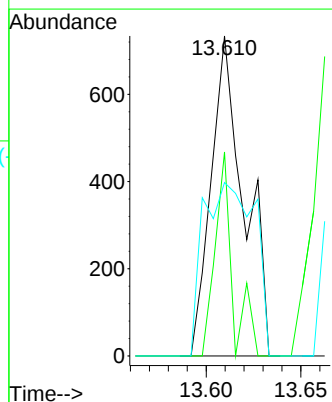
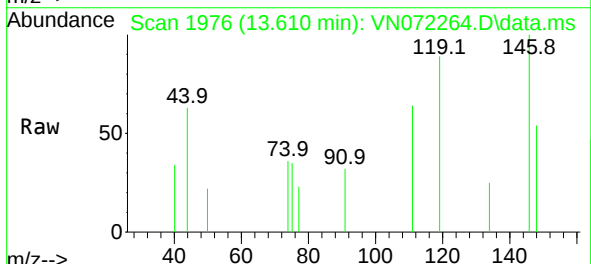
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 MW-17IRDL

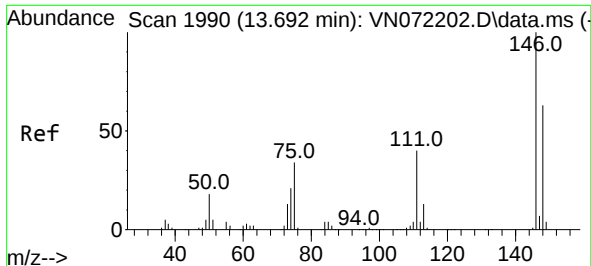
Tgt Ion:105 Resp: 1645
 Ion Ratio Lower Upper
 105 100
 134 10.0 10.4 31.1#



#87
 1,3-Dichlorobenzene
 Concen: 0.300 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072264.D
 Acq: 29 Apr 2022 12:58

Tgt Ion:146 Resp: 888
 Ion Ratio Lower Upper
 146 100
 111 33.4 20.0 60.0
 148 84.6 32.0 96.0

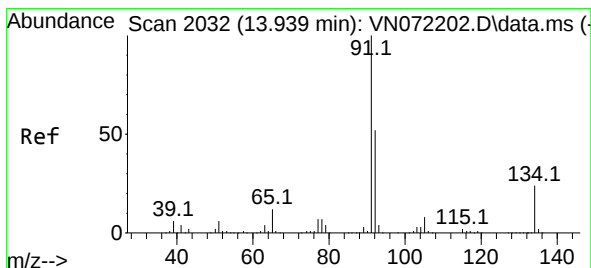
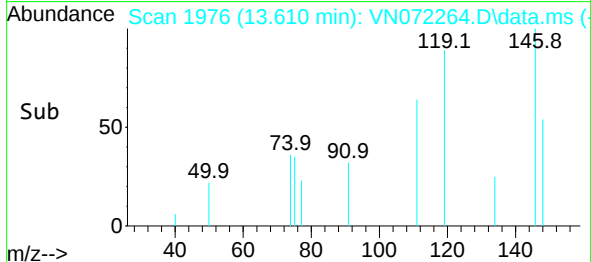
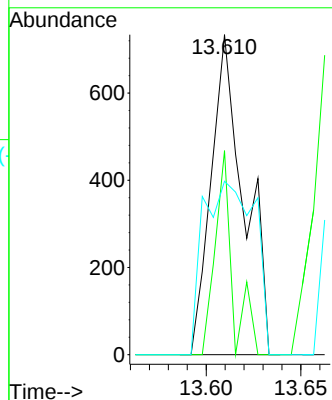
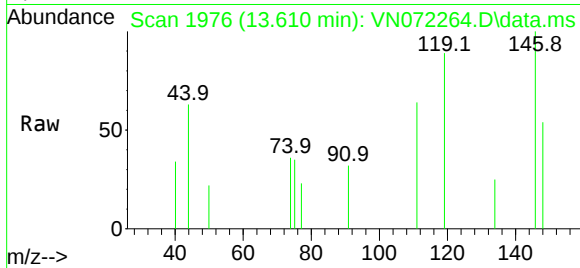




#88
 1,4-Dichlorobenzene
 Concen: 0.309 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.082 min
 Lab File: VN072264.D
 Acq: 29 Apr 2022 12:58

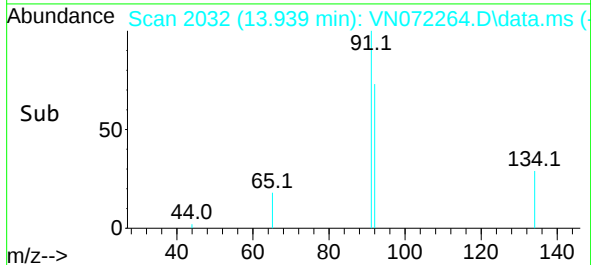
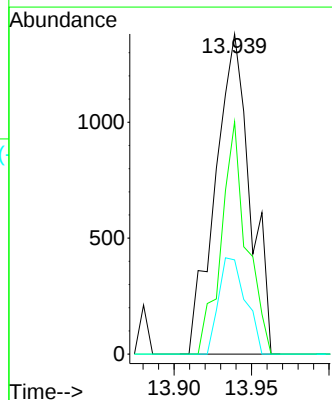
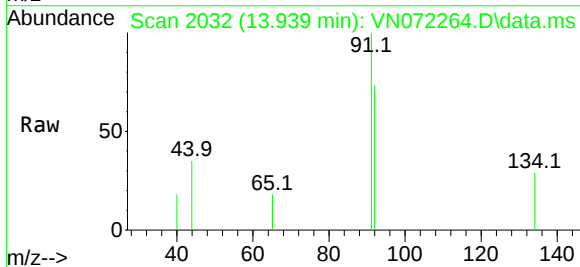
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 ClientSampleId :
 MW-17IRDL

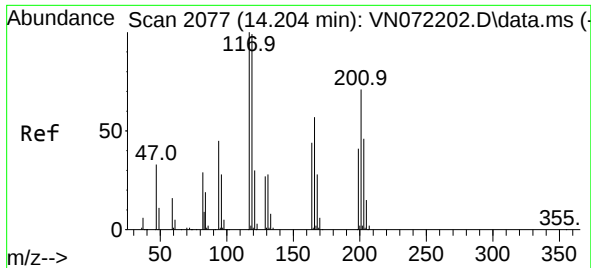
Tgt Ion:146 Resp: 888
 Ion Ratio Lower Upper
 146 100
 111 33.4 19.1 57.1
 148 84.6 31.4 94.3



#89
 n-Butylbenzene
 Concen: 0.490 ug/l
 RT: 13.939 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VN072264.D
 Acq: 29 Apr 2022 12:58

Tgt Ion: 91 Resp: 2155
 Ion Ratio Lower Upper
 91 100
 92 52.7 26.9 80.7
 134 23.4 13.6 40.8

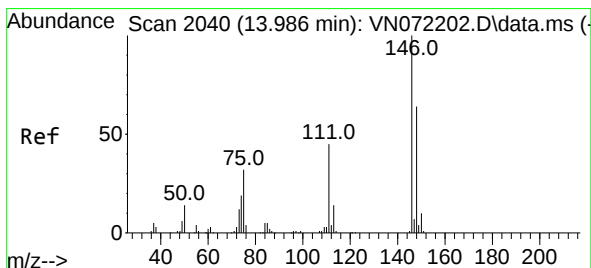
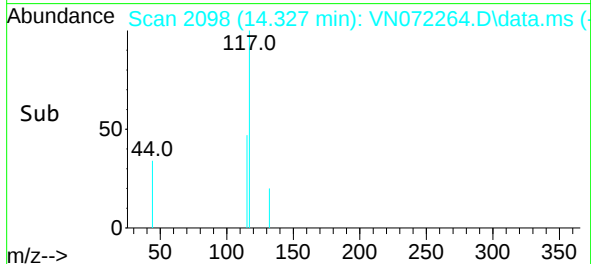
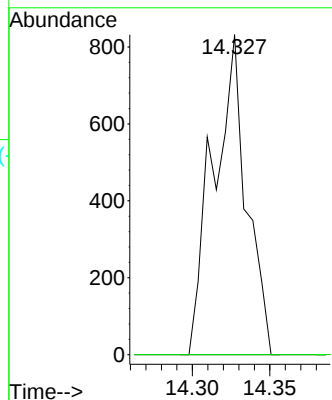
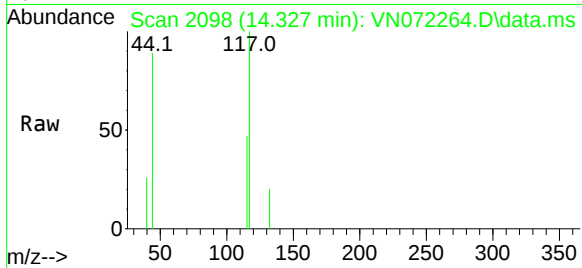




#90
Hexachloroethane
Concen: 0.994 ug/l
RT: 14.327 min Scan# 2098
Delta R.T. 0.123 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

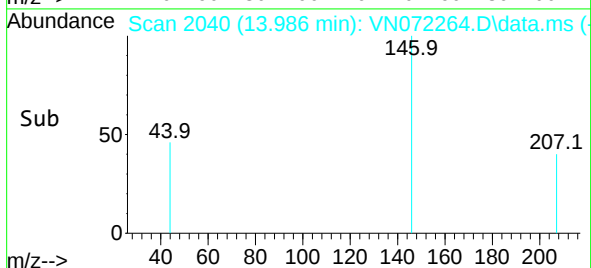
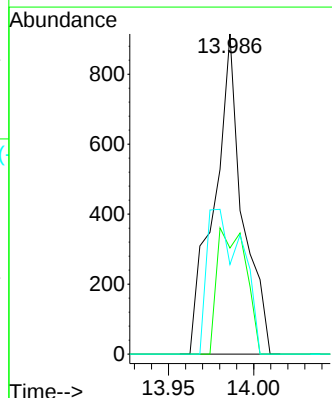
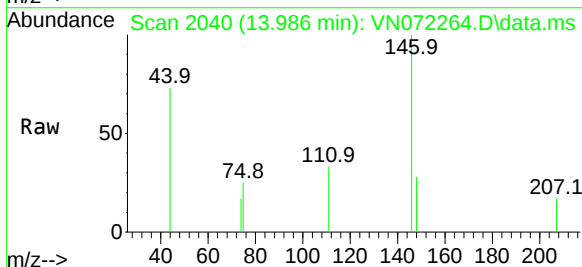
Instrument :
MSVOA_N
ClientSampleId :
MW-17IRDL

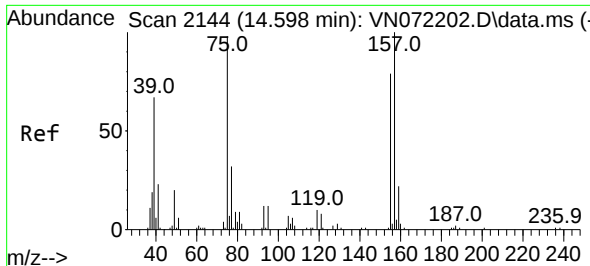
Tgt Ion:117 Resp: 1239
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#91
1,2-Dichlorobenzene
Concen: 0.364 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

Tgt Ion:146 Resp: 1062
Ion Ratio Lower Upper
146 100
111 39.9 20.9 62.8
148 55.3 32.1 96.3

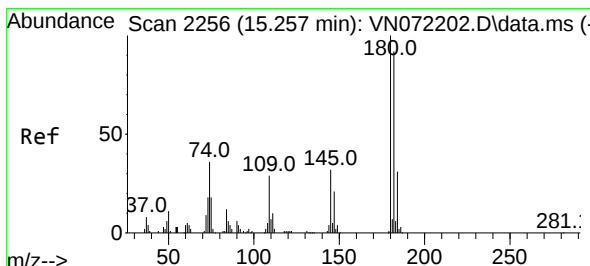
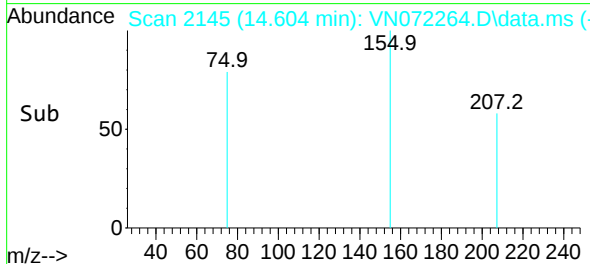
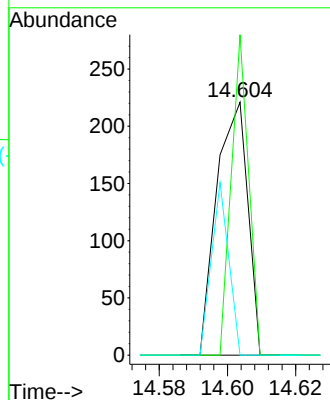
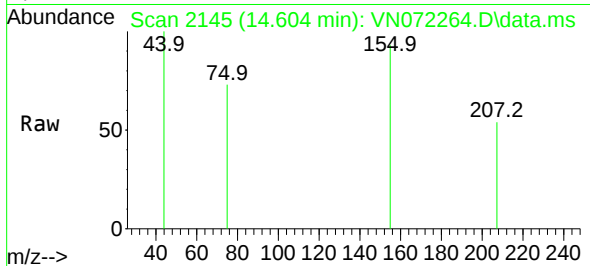




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.262 ug/l
 RT: 14.604 min Scan# 2144
 Delta R.T. 0.006 min
 Lab File: VN072264.D
 Acq: 29 Apr 2022 12:58

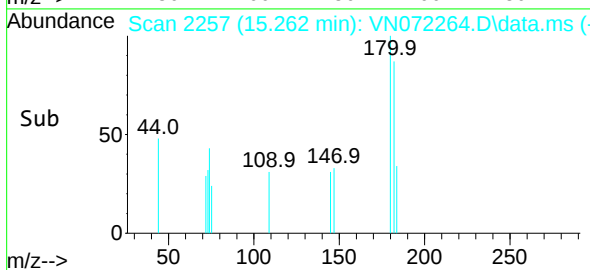
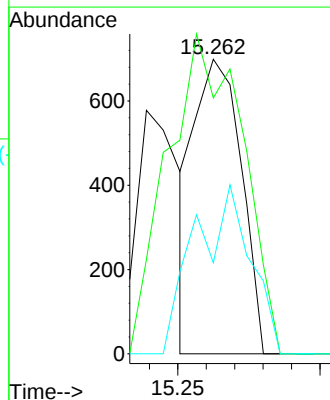
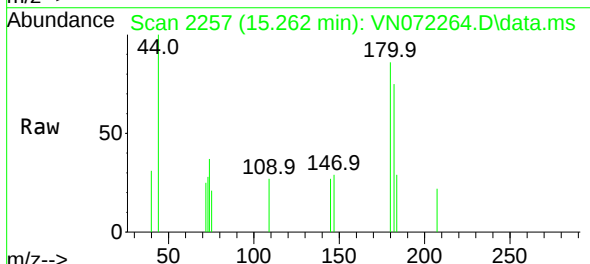
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-17IRDL

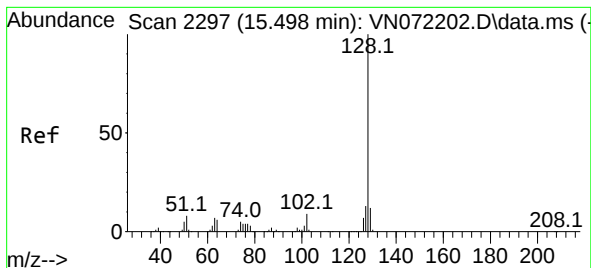
Tgt Ion: 75 Resp: 140
 Ion Ratio Lower Upper
 75 100
 155 70.7 44.9 134.5
 157 37.9 59.0 176.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.982 ug/l
 RT: 15.262 min Scan# 2257
 Delta R.T. 0.005 min
 Lab File: VN072264.D
 Acq: 29 Apr 2022 12:58

Tgt Ion: 180 Resp: 797
 Ion Ratio Lower Upper
 180 100
 182 174.7 47.5 142.5#
 145 68.5 14.5 43.5#





#95

Naphthalene

Concen: 5.507 ug/l

RT: 15.504 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072264.D

Acq: 29 Apr 2022 12:58

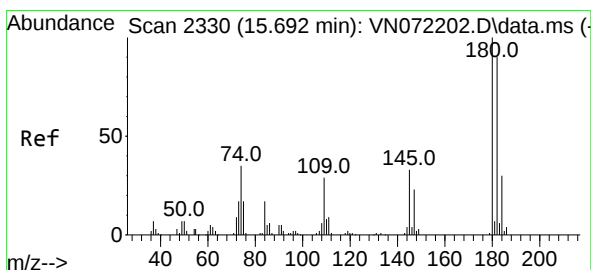
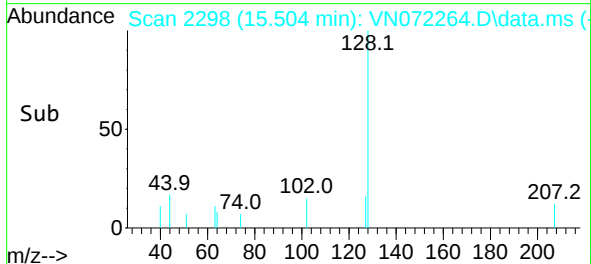
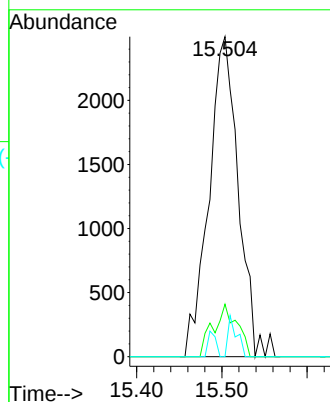
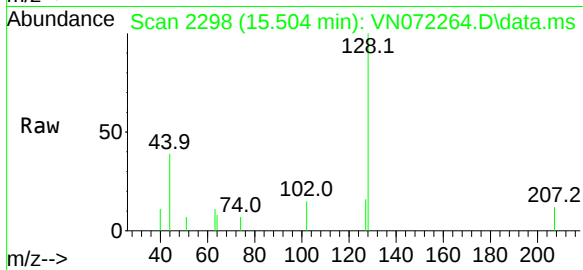
Instrument :

MSVOA_N

ClientSampleId :

MW-17IRDL

Tgt Ion:128	Resp:	5989
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.3 15.5
129	3.8	8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 3.759 ug/l

RT: 15.686 min Scan# 2329

Delta R.T. -0.006 min

Lab File: VN072264.D

Acq: 29 Apr 2022 12:58

Tgt Ion:180	Resp:	1540
Ion Ratio	Lower	Upper
180	100	
182	106.8	47.8 143.3
145	3.5	15.5 46.5#

