

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062022\
 Data File : VN072960.D
 Acq On : 20 Jun 2022 14:40
 Operator : JC\MD
 Sample : N3357-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

Quant Time: Jun 21 05:55:15 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)

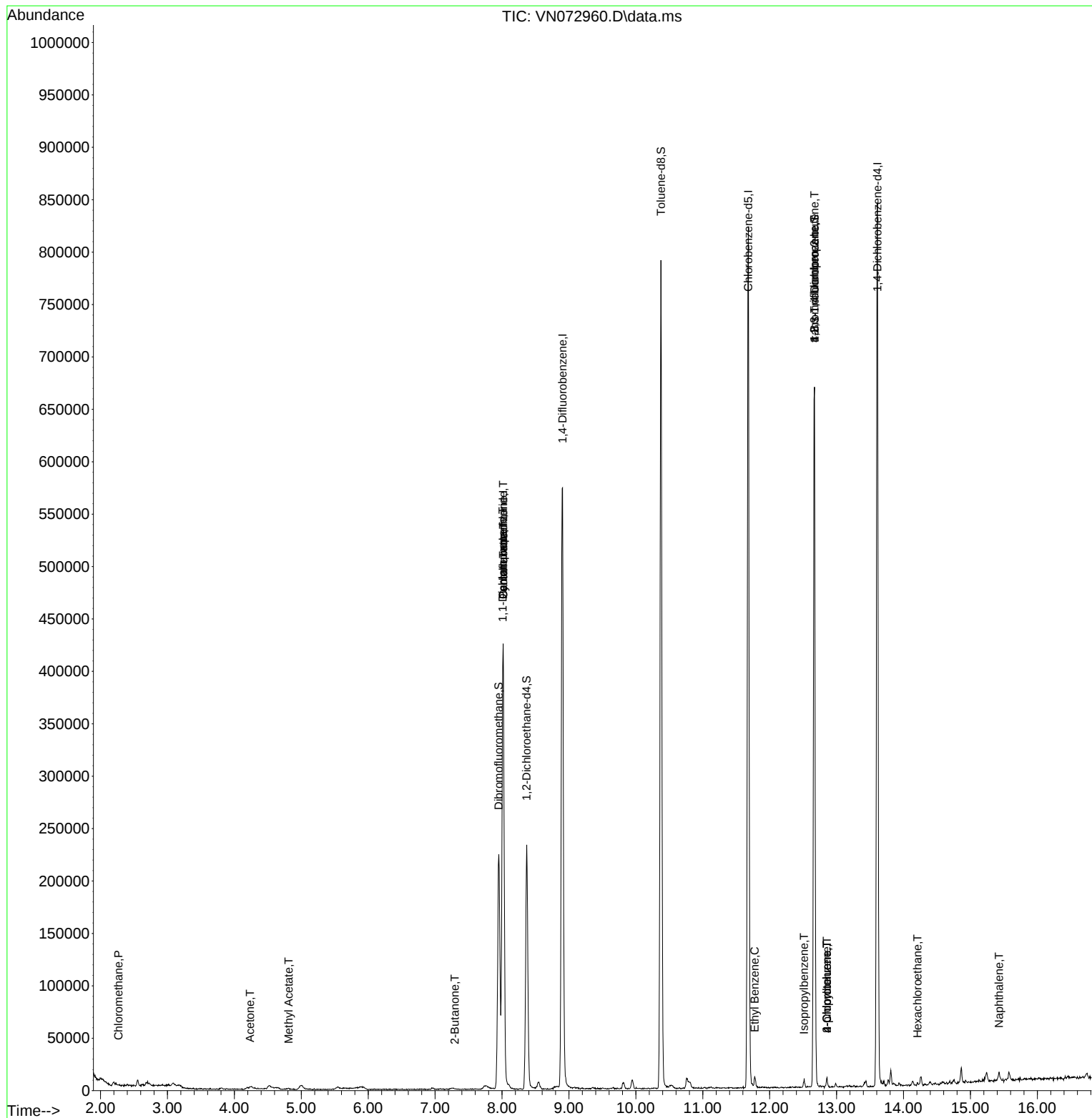
Internal Standards						
1) Pentafluorobenzene	8.016	168	332757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	526763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	479005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	231935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	195259	43.403	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.800%
35) Dibromofluoromethane	7.951	113	166358	51.095	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.180%
50) Toluene-d8	10.375	98	545727	45.045	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.080%
62) 4-Bromofluorobenzene	12.669	95	237396	54.493	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.980%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	400	0.685	ug/l #	43
16) Acetone	4.234	43	6737	2.724	ug/l #	73
18) Methyl Acetate	4.810	43	2463	0.374	ug/l #	52
20) Methylene Chloride	4.987	84	57	Below Cal	#	10
25) 2-Butanone	7.292	43	1665	0.424	ug/l	97
31) Cyclohexane	8.016	56	7042	1.157	ug/l #	17
36) 1,1-Dichloropropene	8.010	75	25747	5.844	ug/l #	49
38) Carbon Tetrachloride	8.016	117	33700	7.272	ug/l #	15
67) Ethyl Benzene	11.775	91	6888	0.418	ug/l	100
73) Isopropylbenzene	12.516	105	4752	0.265	ug/l	99
76) 1,2,3-Trichloropropane	12.669	75	123448	21.953	ug/l #	1
78) n-propylbenzene	12.857	91	7083	0.359	ug/l	93
79) 2-Chlorotoluene	12.857	91	7083	0.554	ug/l #	40
81) trans-1,4-Dichloro-2-b...	12.669	75	123448	59.287	ug/l #	10
82) 4-Chlorotoluene	12.857	91	7083	0.586	ug/l #	40
90) Hexachloroethane	14.210	117	1182	0.430	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.510	75	66	Below Cal	#	1
95) Naphthalene	15.427	128	7079	0.395	ug/l	98

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

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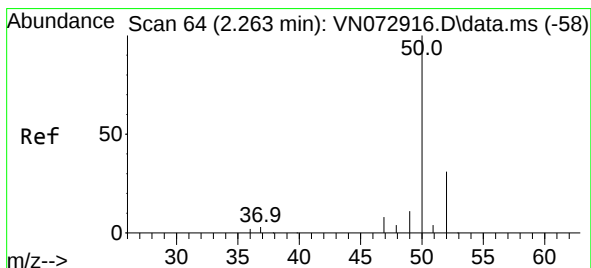
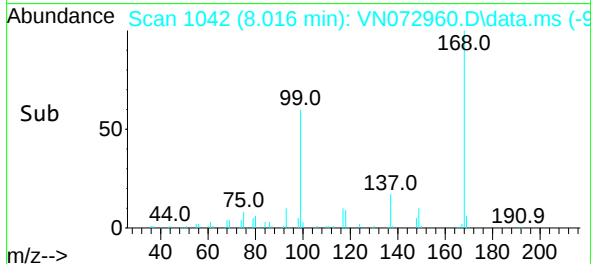
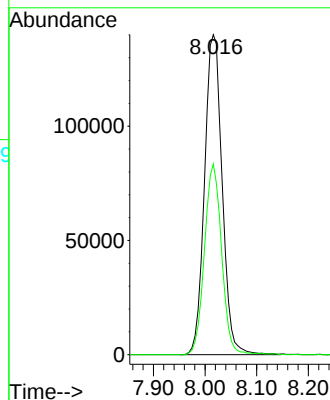
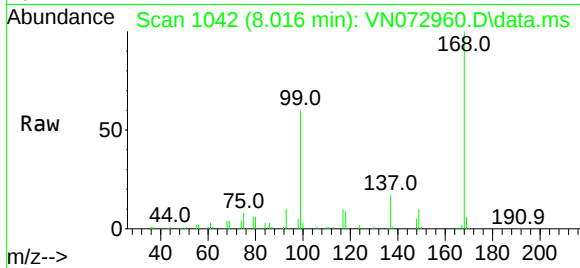




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072960.D
Acq: 20 Jun 2022 14:40

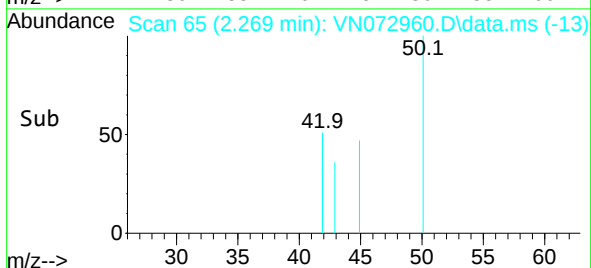
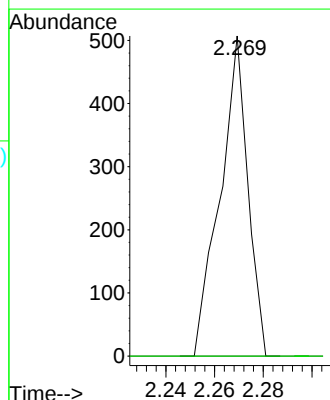
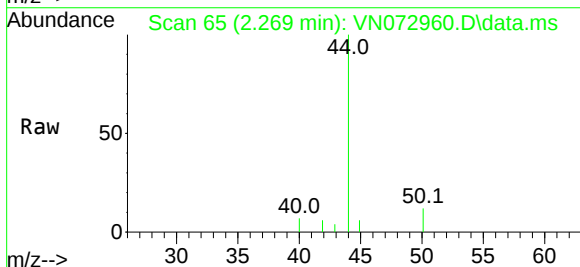
Instrument :
MSVOA_N
ClientSampleId :
MW-7

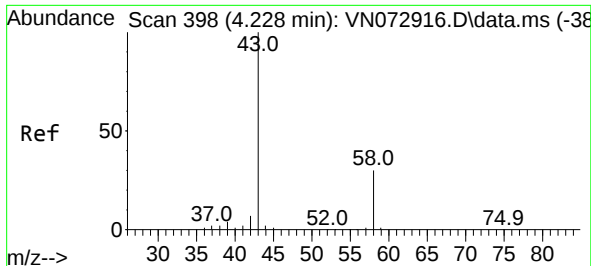
Tgt Ion:168 Resp: 332757
Ion Ratio Lower Upper
168 100
99 59.6 42.3 63.5



#3
Chloromethane
Concen: 0.685 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN072960.D
Acq: 20 Jun 2022 14:40

Tgt Ion: 50 Resp: 400
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

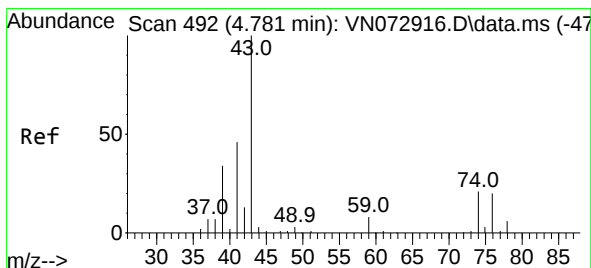
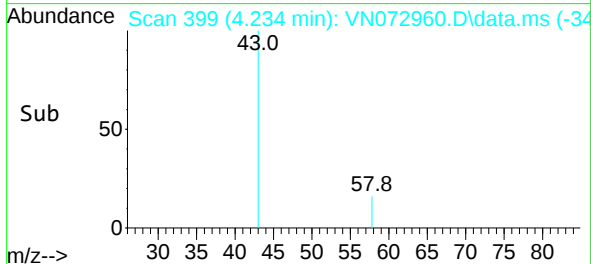
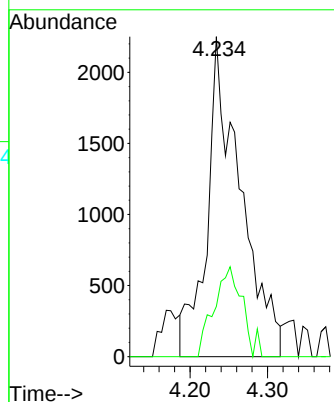
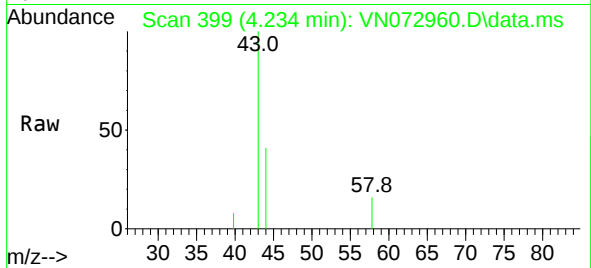




#16
Acetone
Concen: 2.724 ug/l
RT: 4.234 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN072960.D
Acq: 20 Jun 2022 14:40

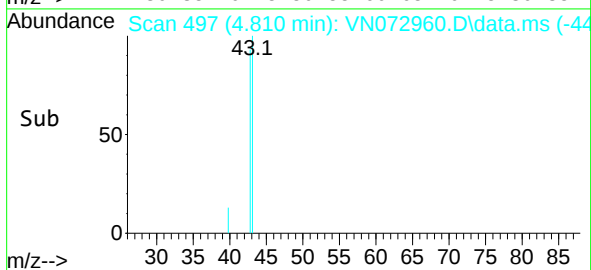
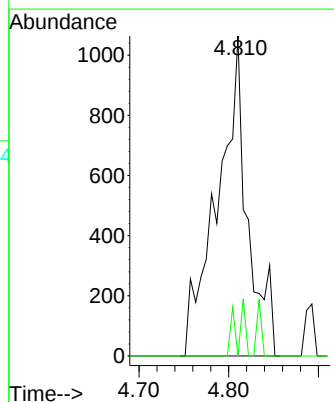
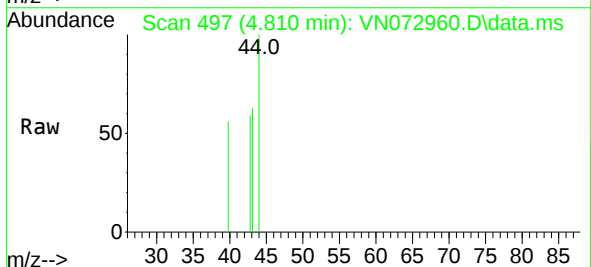
Instrument :
MSVOA_N
ClientSampleId :
MW-7

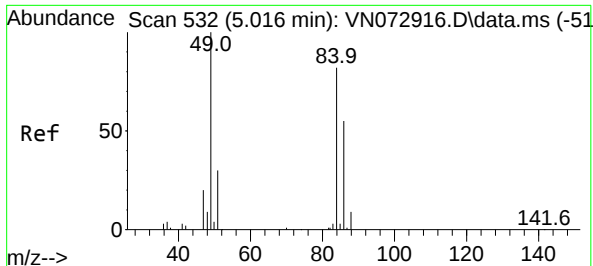
Tgt Ion: 43 Resp: 6737
Ion Ratio Lower Upper
43 100
58 17.3 26.0 39.0#



#18
Methyl Acetate
Concen: 0.374 ug/l
RT: 4.810 min Scan# 497
Delta R.T. 0.030 min
Lab File: VN072960.D
Acq: 20 Jun 2022 14:40

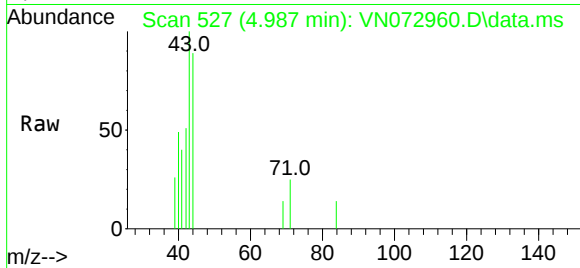
Tgt Ion: 43 Resp: 2463
Ion Ratio Lower Upper
43 100
74 2.3 21.6 32.4#



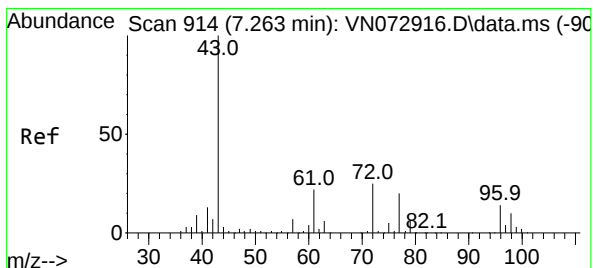
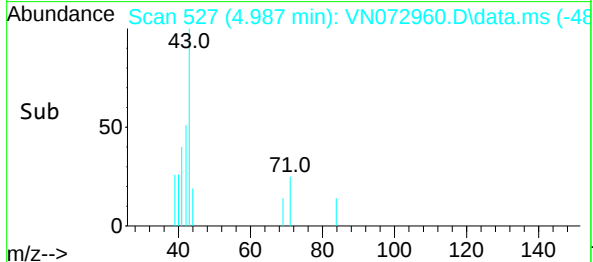
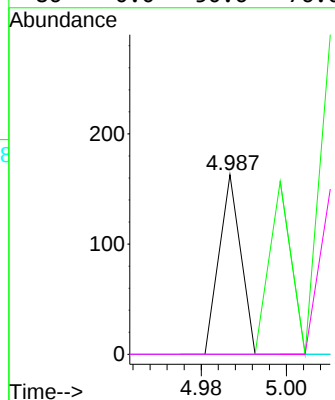


#20
Methylene Chloride
Concen: Below Cal
RT: 4.987 min Scan# 51
Delta R.T. -0.029 min
Lab File: VN072960.D
Acq: 20 Jun 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
MW-7

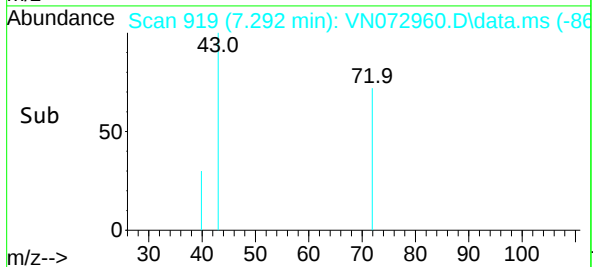
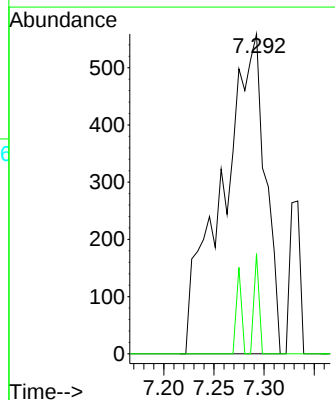
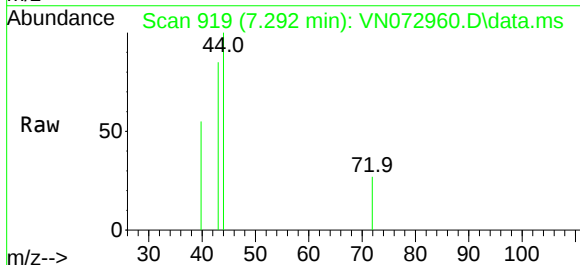


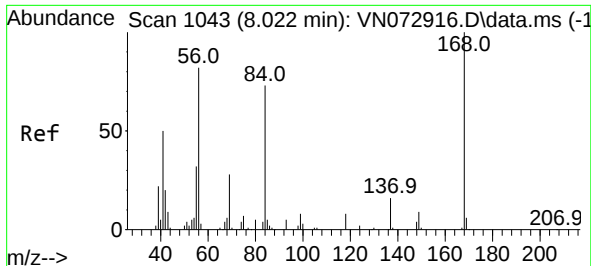
Tgt Ion:	84	Resp:	57
Ion	Ratio	Lower	Upper
84	100		
49	0.0	88.3	132.5#
51	0.0	28.2	42.2#
86	0.0	50.6	76.0#



#25
2-Butanone
Concen: 0.424 ug/l
RT: 7.292 min Scan# 919
Delta R.T. 0.030 min
Lab File: VN072960.D
Acq: 20 Jun 2022 14:40

Tgt Ion:	43	Resp:	1665
Ion	Ratio	Lower	Upper
43	100		
72	31.3	23.7	35.5

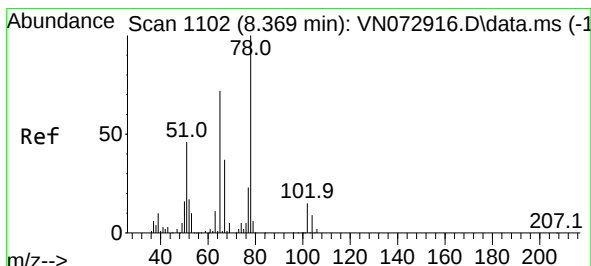
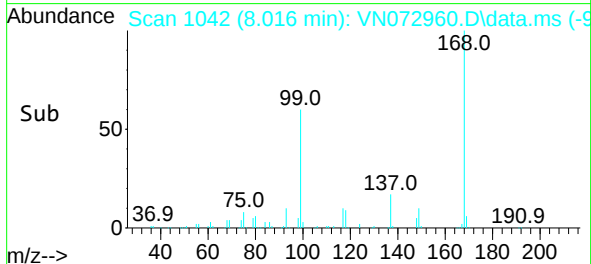
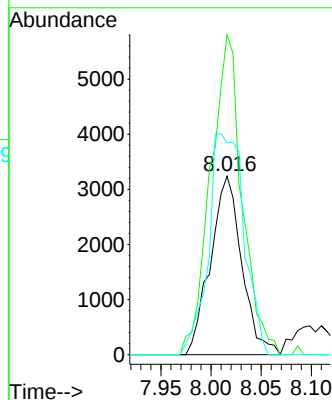
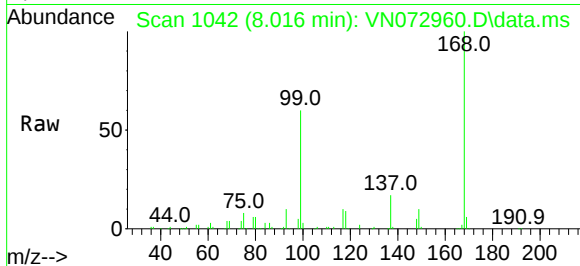




#31
Cyclohexane
Concen: 1.157 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN072960.D
Acq: 20 Jun 2022 14:40

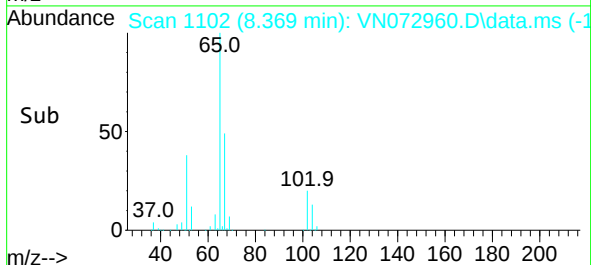
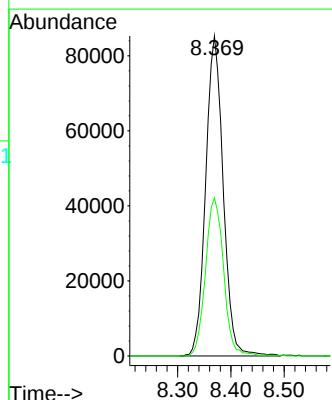
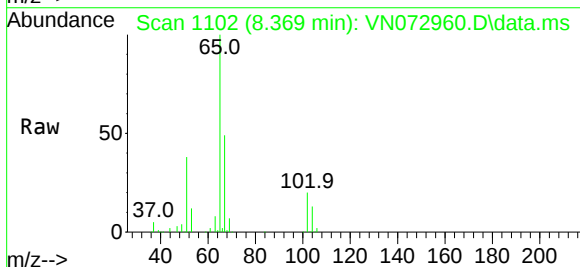
Instrument :
MSVOA_N
ClientSampleId :
MW-7

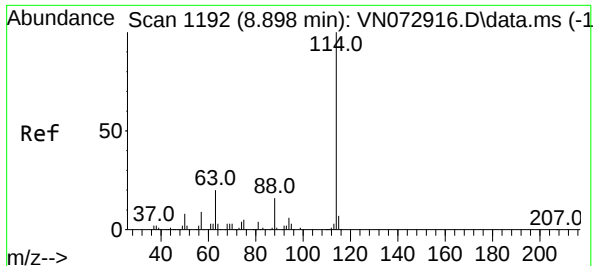
Tgt Ion: 56 Resp: 7042
Ion Ratio Lower Upper
56 100
69 179.4 27.8 41.8#
84 118.8 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 43.403 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN072960.D
Acq: 20 Jun 2022 14:40

Tgt Ion: 65 Resp: 195259
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN072960.D

Acq: 20 Jun 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

MW-7

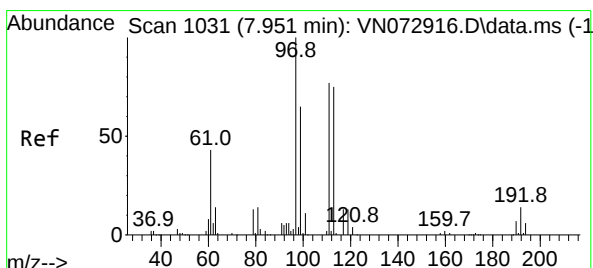
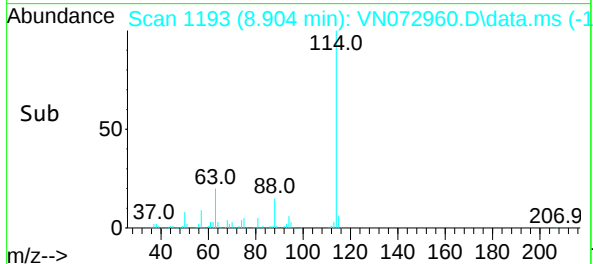
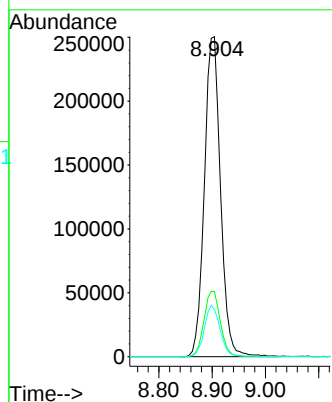
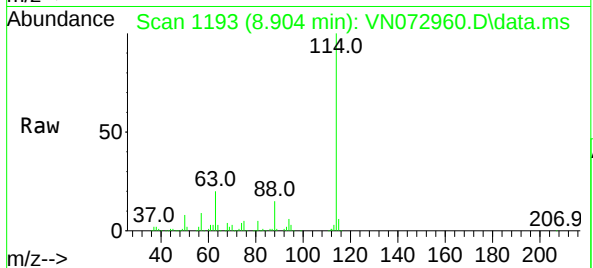
Tgt Ion:114 Resp: 526763

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 14.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.095 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN072960.D

Acq: 20 Jun 2022 14:40

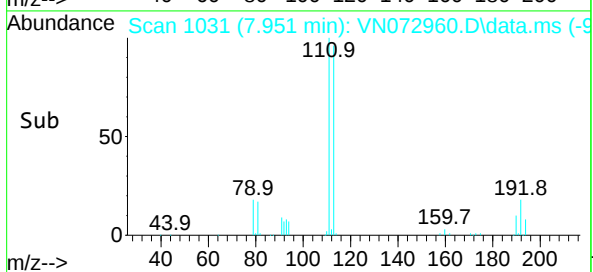
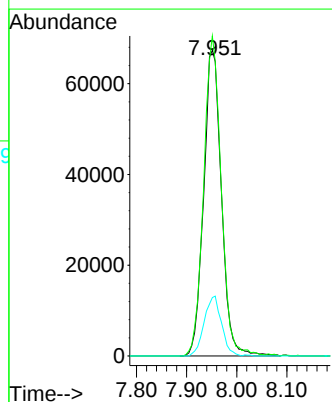
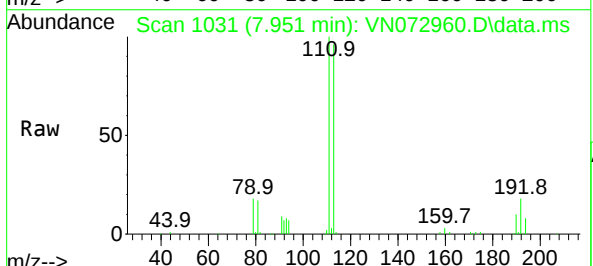
Tgt Ion:113 Resp: 166358

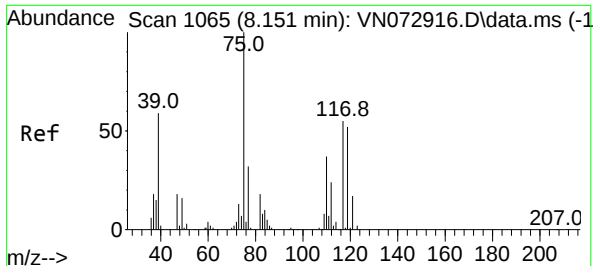
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 19.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.844 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.141 min

Lab File: VN072960.D

Acq: 20 Jun 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

MW-7

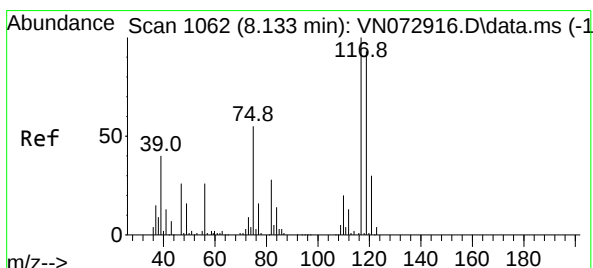
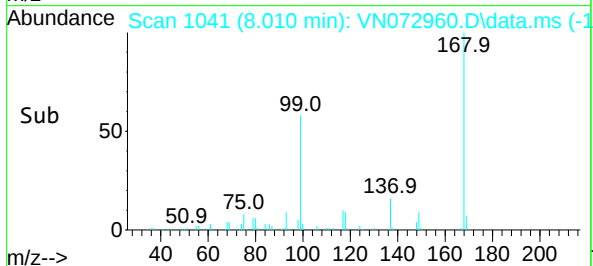
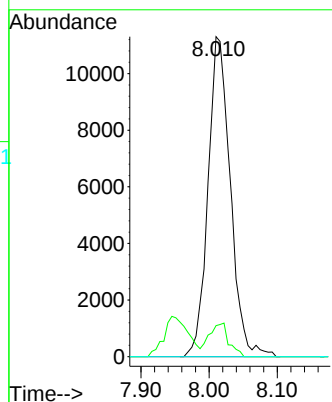
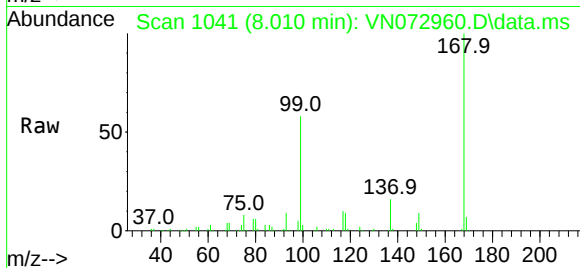
Tgt Ion: 75 Resp: 25747

Ion Ratio Lower Upper

75 100

110 9.3 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 7.272 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.117 min

Lab File: VN072960.D

Acq: 20 Jun 2022 14:40

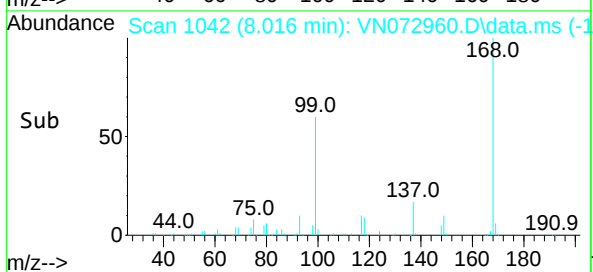
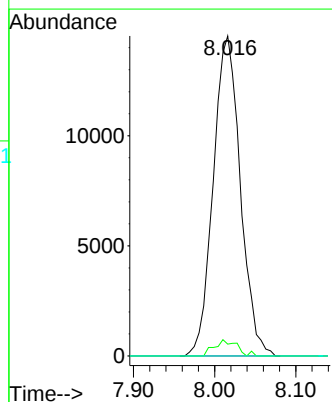
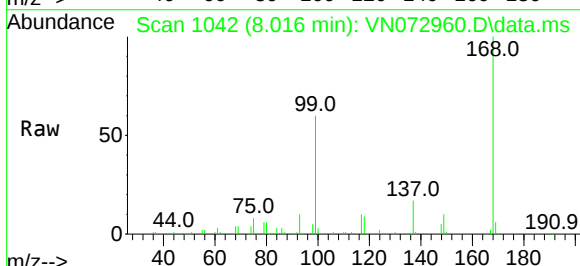
Tgt Ion: 117 Resp: 33700

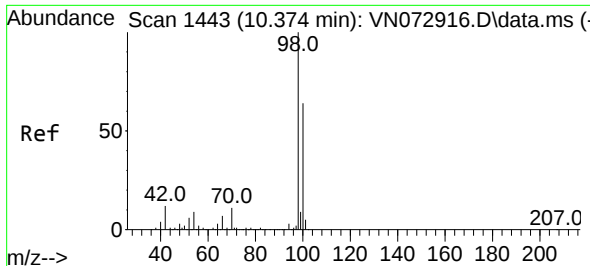
Ion Ratio Lower Upper

117 100

119 3.7 75.8 113.8#

121 0.0 24.6 37.0#

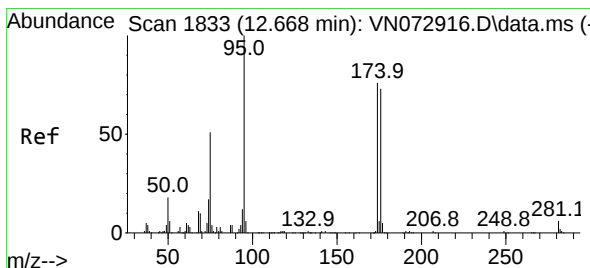
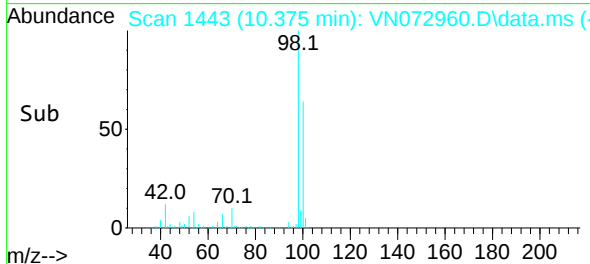
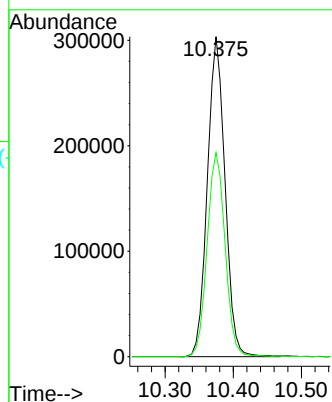
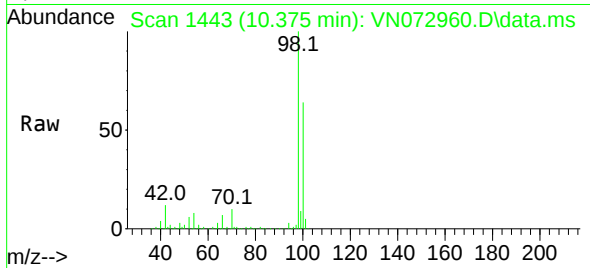




#50
Toluene-d8
Concen: 45.045 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072960.D
Acq: 20 Jun 2022 14:40

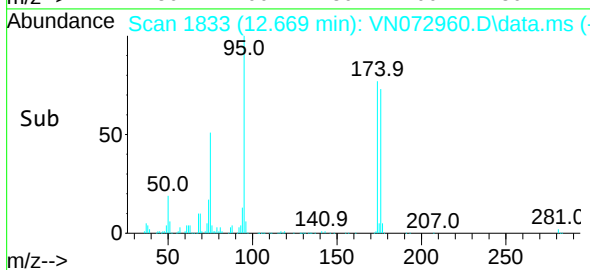
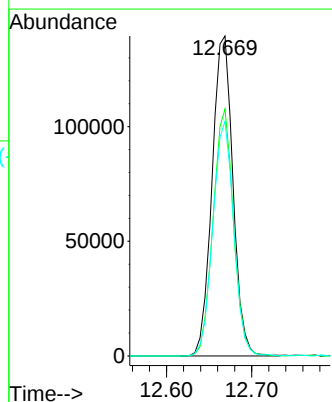
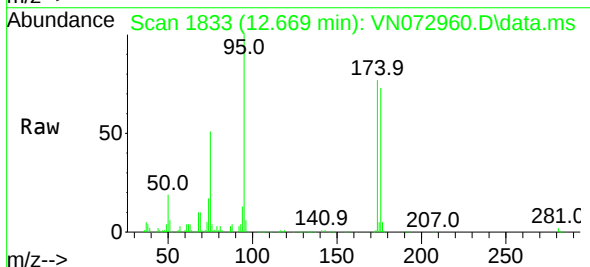
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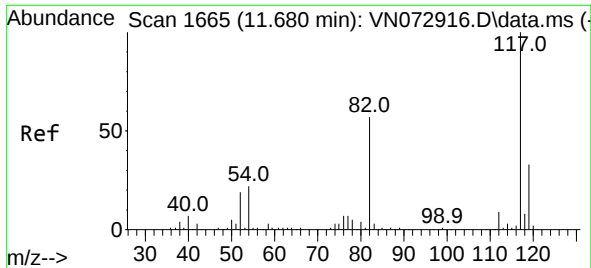
Tgt Ion: 98 Resp: 545727
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.493 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN072960.D
Acq: 20 Jun 2022 14:40

Tgt Ion: 95 Resp: 237396
Ion Ratio Lower Upper
95 100
174 75.7 0.0 167.6
176 73.4 0.0 163.4

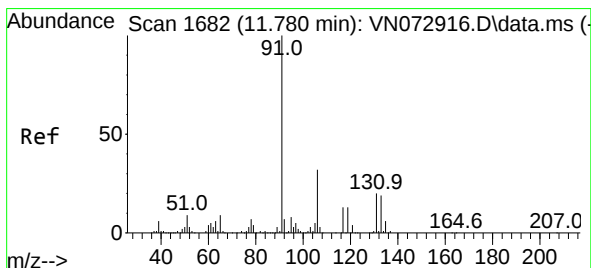
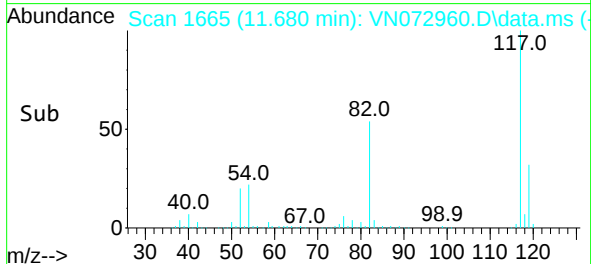
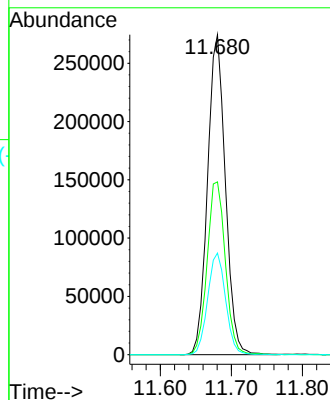
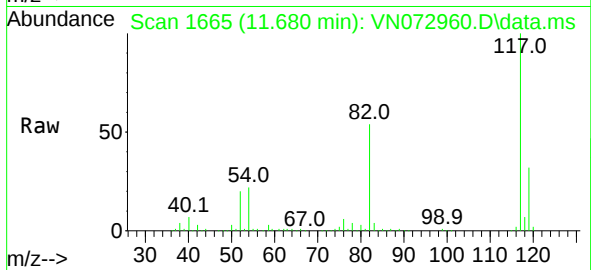




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072960.D
Acq: 20 Jun 2022 14:40

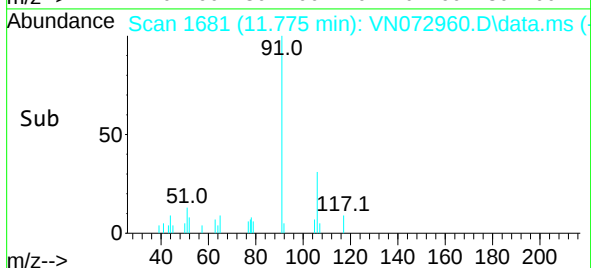
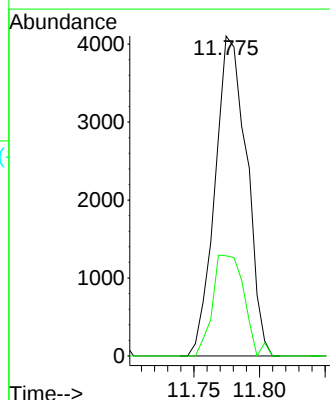
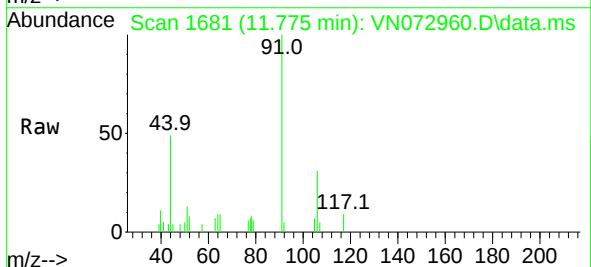
Instrument :
MSVOA_N
ClientSampleId :
MW-7

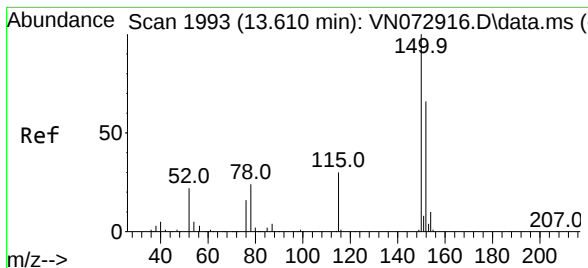
Tgt Ion:117 Resp: 479005
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 31.8 25.4 38.0



#67
Ethyl Benzene
Concen: 0.418 ug/l
RT: 11.775 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN072960.D
Acq: 20 Jun 2022 14:40

Tgt Ion: 91 Resp: 6888
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

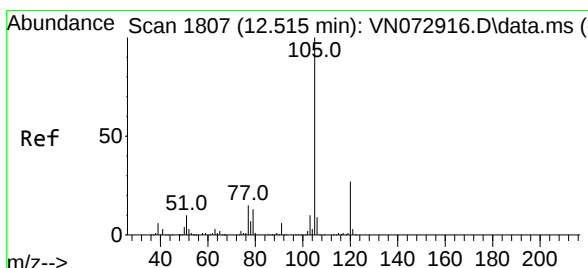
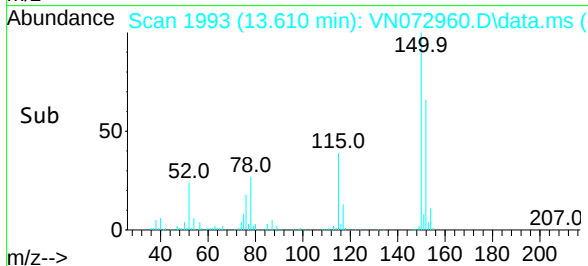
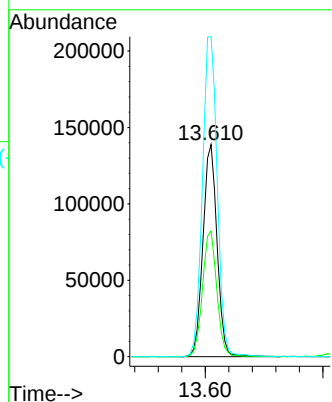
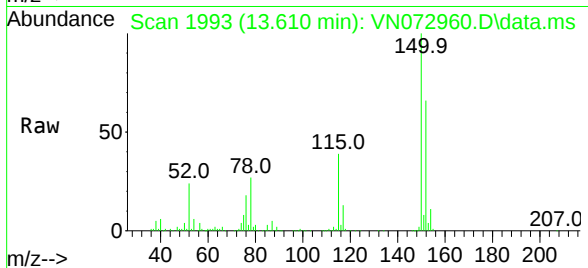




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072960.D
Acq: 20 Jun 2022 14:40

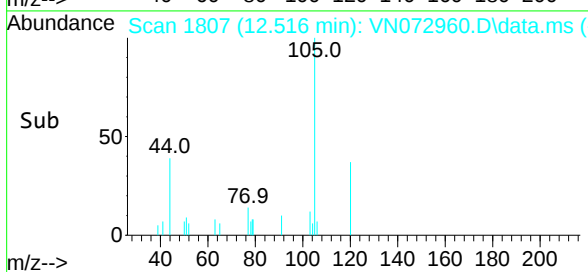
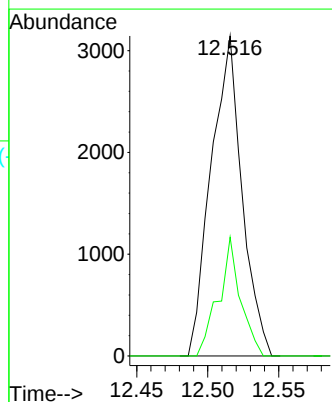
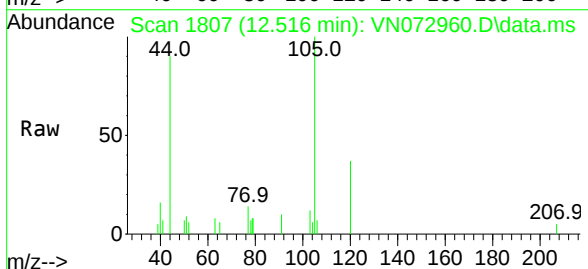
Instrument :
MSVOA_N
ClientSampleId :
MW-7

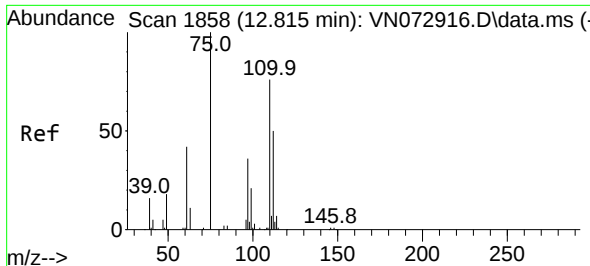
Tgt Ion:152 Resp: 231935
Ion Ratio Lower Upper
152 100
115 60.1 28.9 86.7
150 158.2 0.0 356.2



#73
Isopropylbenzene
Concen: 0.265 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN072960.D
Acq: 20 Jun 2022 14:40

Tgt Ion:105 Resp: 4752
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.4

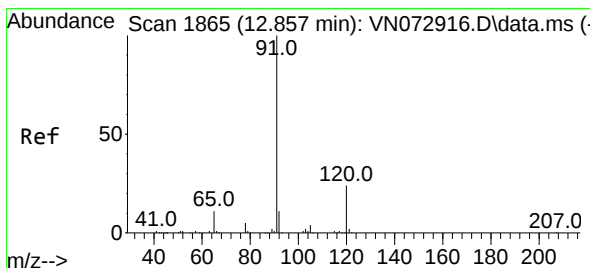
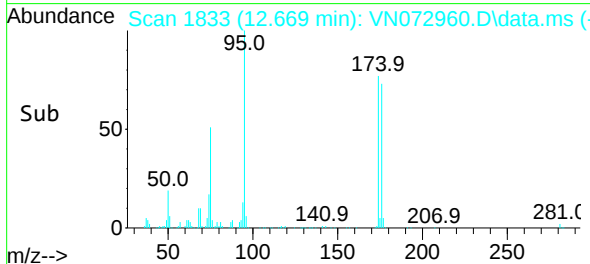
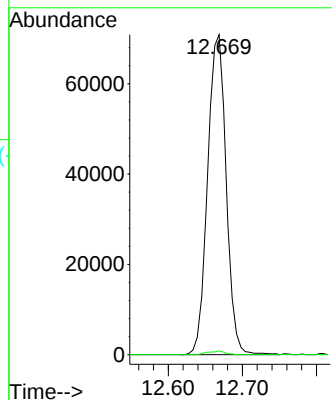
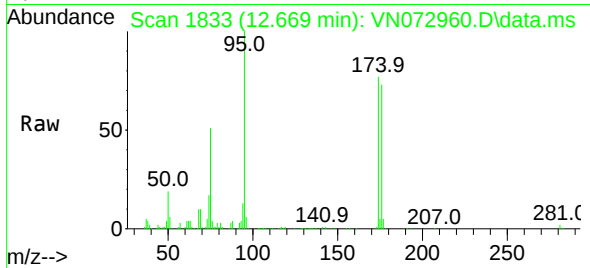




#76
1,2,3-Trichloropropane
Concen: 21.953 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN072960.D
Acq: 20 Jun 2022 14:40

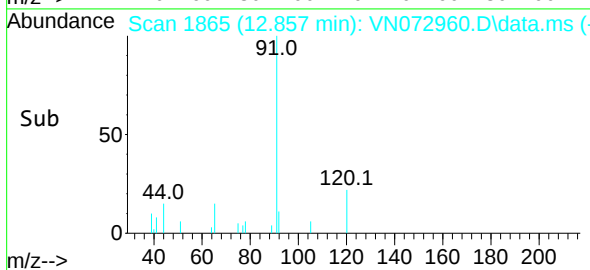
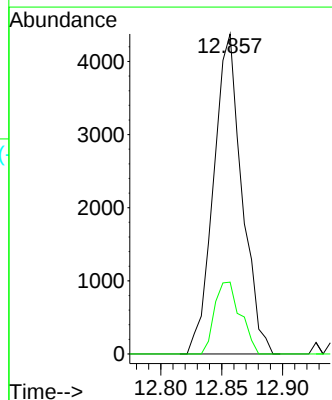
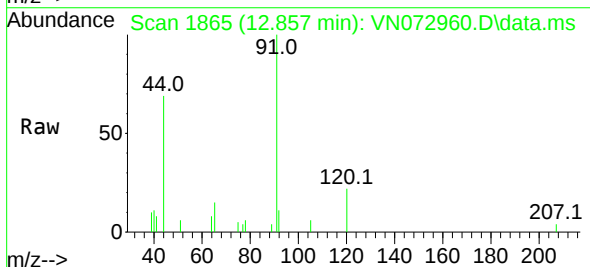
Instrument :
MSVOA_N
ClientSampleId :
MW-7

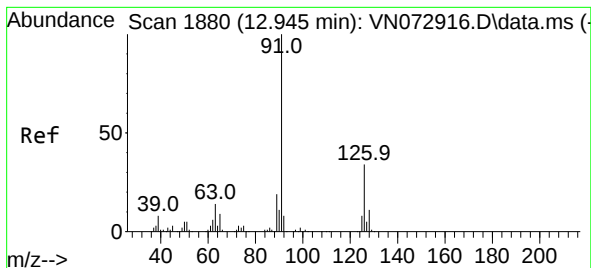
Tgt Ion: 75 Resp: 123448
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#78
n-propylbenzene
Concen: 0.359 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN072960.D
Acq: 20 Jun 2022 14:40

Tgt Ion: 91 Resp: 7083
Ion Ratio Lower Upper
91 100
120 20.4 11.9 35.5





#79

2-Chlorotoluene

Concen: 0.554 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.088 min

Lab File: VN072960.D

Acq: 20 Jun 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

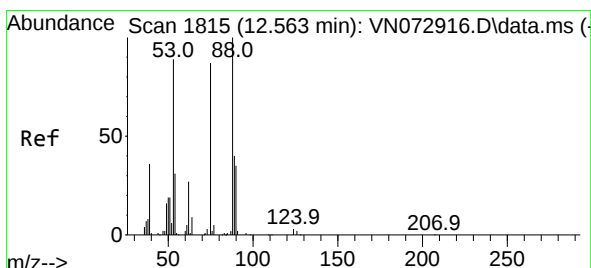
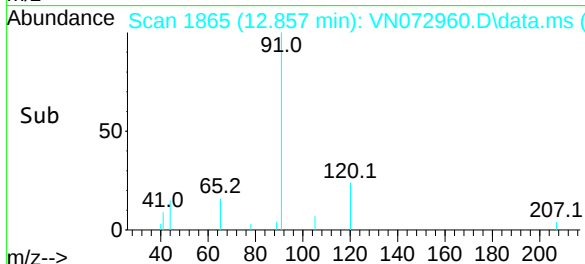
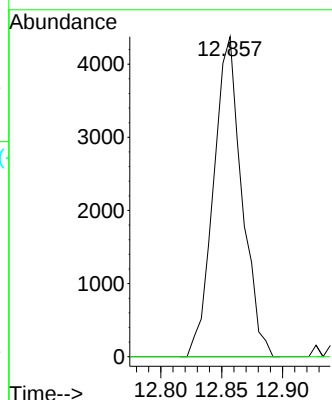
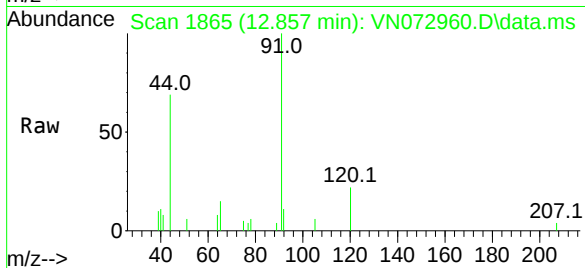
MW-7

Tgt Ion: 91 Resp: 7083

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 59.287 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. 0.106 min

Lab File: VN072960.D

Acq: 20 Jun 2022 14:40

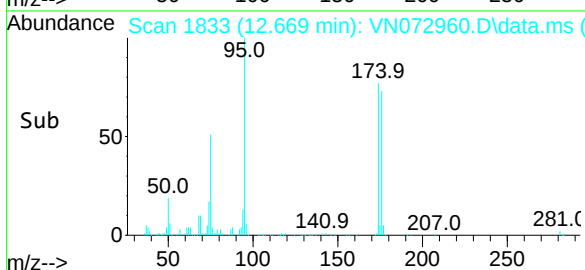
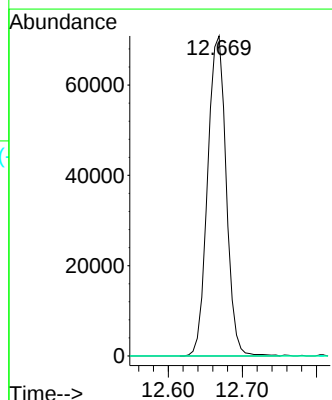
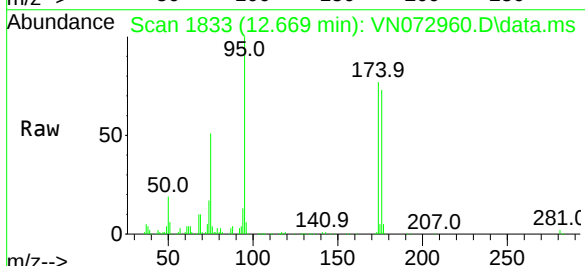
Tgt Ion: 75 Resp: 123448

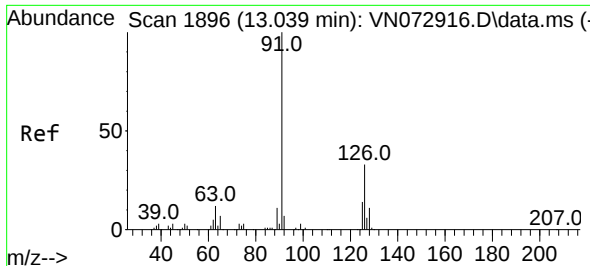
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 37.2 55.8#

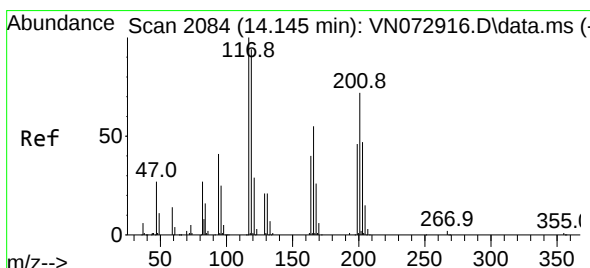
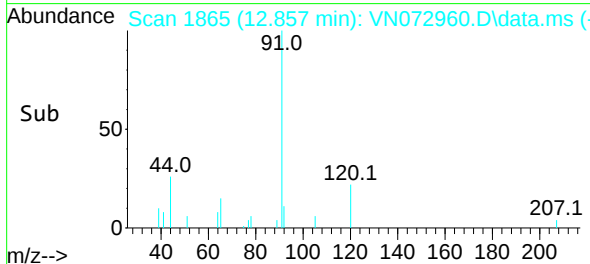
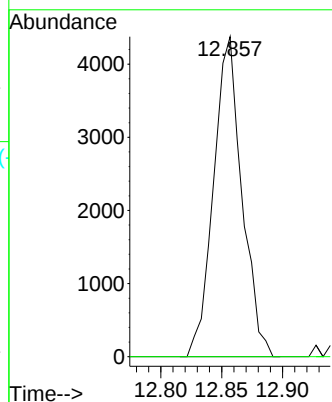
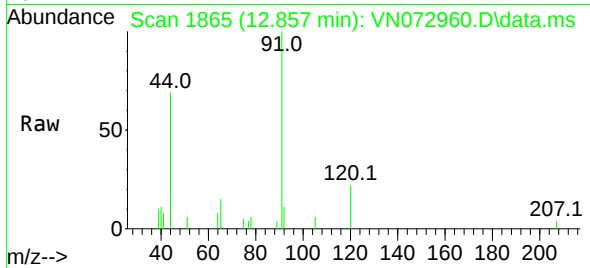




#82
4-Chlorotoluene
Concen: 0.586 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.182 min
Lab File: VN072960.D
Acq: 20 Jun 2022 14:40

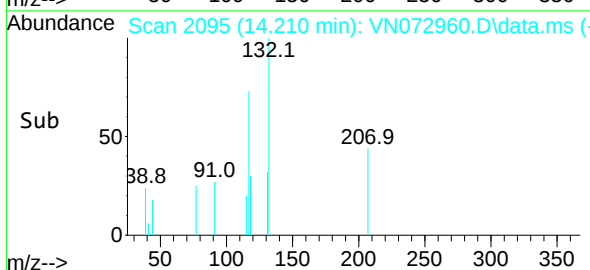
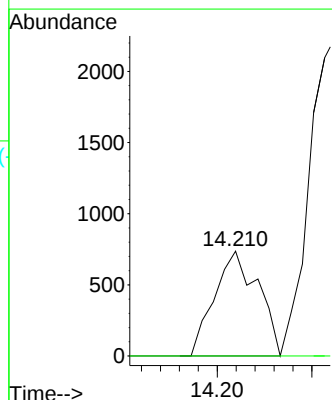
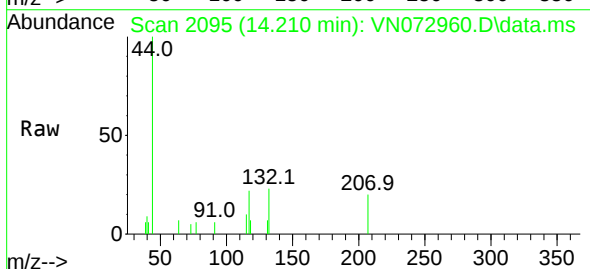
Instrument :
MSVOA_N
ClientSampleId :
MW-7

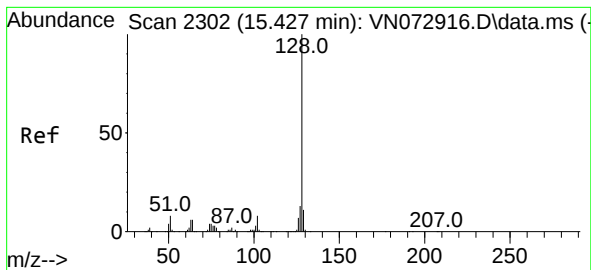
Tgt Ion: 91 Resp: 7083
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#90
Hexachloroethane
Concen: 0.430 ug/l
RT: 14.210 min Scan# 2095
Delta R.T. 0.065 min
Lab File: VN072960.D
Acq: 20 Jun 2022 14:40

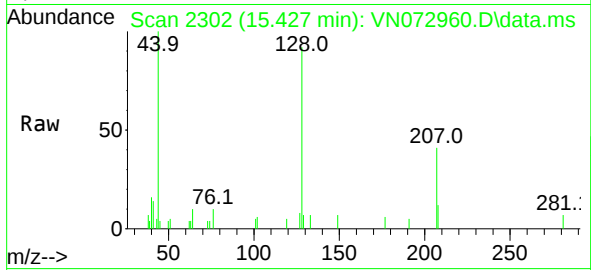
Tgt Ion: 117 Resp: 1182
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#





#95
Naphthalene
Concen: 0.395 ug/l
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072960.D
Acq: 20 Jun 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
MW-7



Tgt Ion:	128	Resp:	7079
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.3	15.5
129	10.2	8.6	13.0

