

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062022\
 Data File : VN072959.D
 Acq On : 20 Jun 2022 14:16
 Operator : JC\MD
 Sample : N3357-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Quant Time: Jun 21 05:55:05 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)

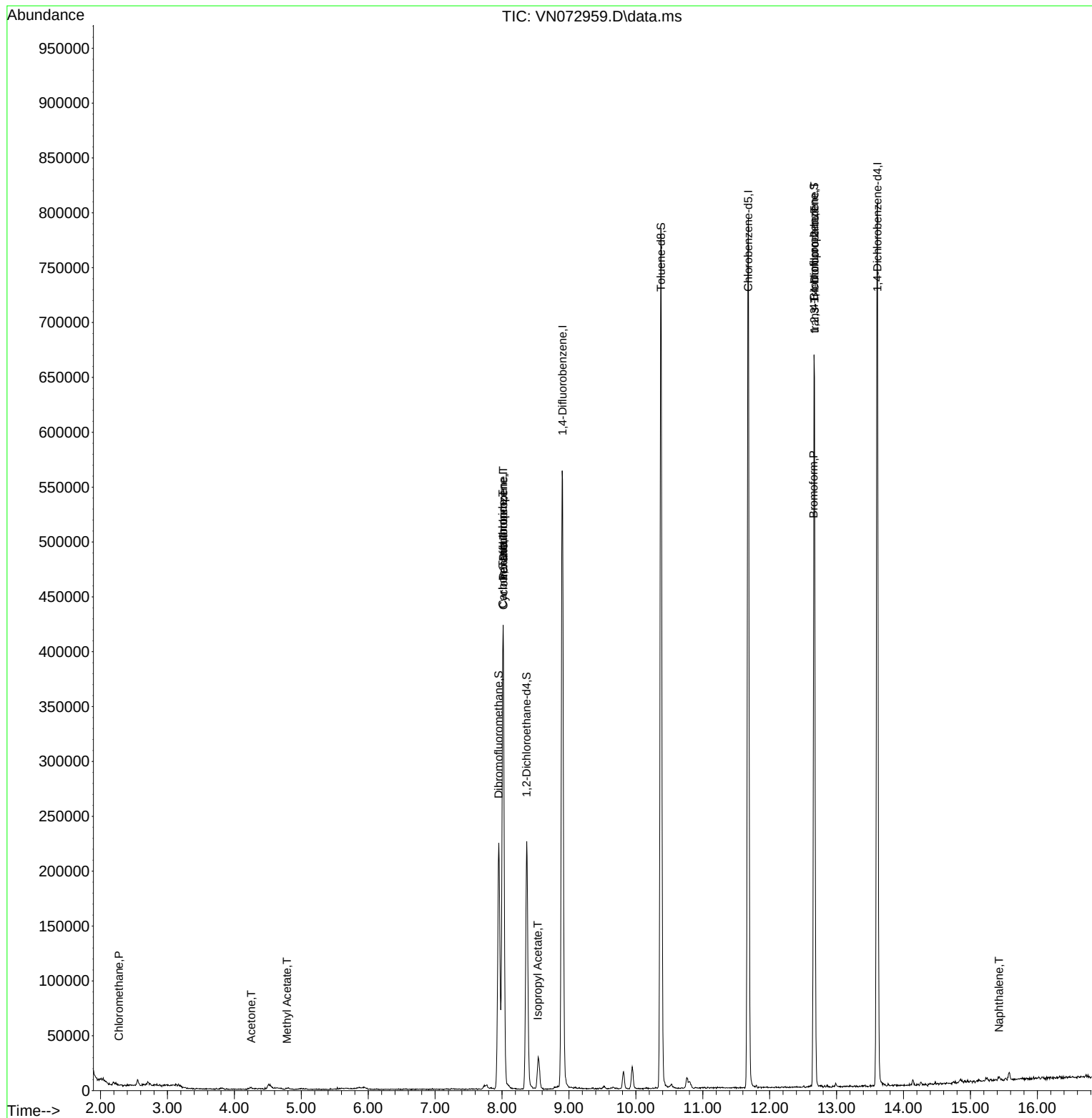
Internal Standards						
1) Pentafluorobenzene	8.016	168	326389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	513158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	462890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	223739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	188472	42.711	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.420%
35) Dibromofluoromethane	7.951	113	164164	51.758	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.520%
50) Toluene-d8	10.375	98	536403	45.449	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.900%
62) 4-Bromofluorobenzene	12.663	95	230194	54.241	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.480%
Target Compounds						
					Qvalue	
3) Chloromethane	2.275	50	525	0.725	ug/l #	43
16) Acetone	4.252	43	3433	1.415	ug/l	98
18) Methyl Acetate	4.787	43	1444	0.224	ug/l	100
20) Methylene Chloride	5.016	84	95	Below Cal	#	10
31) Cyclohexane	8.022	56	7091	1.188	ug/l #	6
36) 1,1-Dichloropropene	8.016	75	26207	6.106	ug/l #	48
38) Carbon Tetrachloride	8.010	117	32537	7.207	ug/l #	17
43) Isopropyl Acetate	8.534	43	6667	0.679	ug/l #	53
71) Bromoform	12.657	173	1279	0.493	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	118606	21.865	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	118606	59.049	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.451	75	55	Below Cal	#	1
95) Naphthalene	15.427	128	3498	0.202	ug/l	96

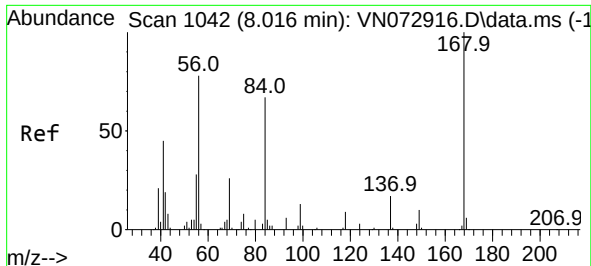
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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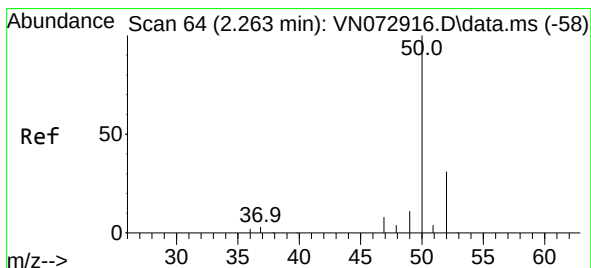
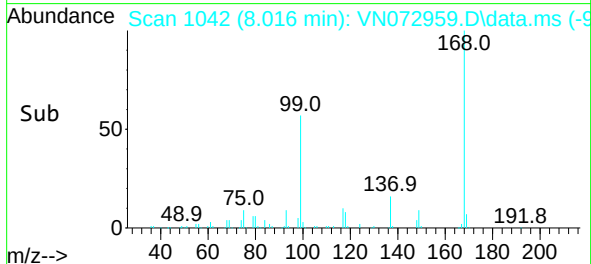
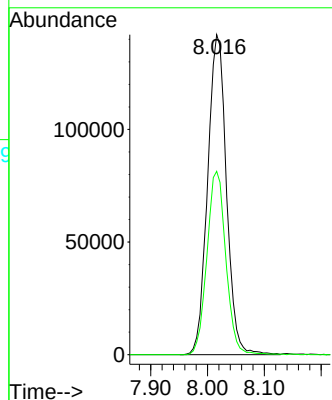
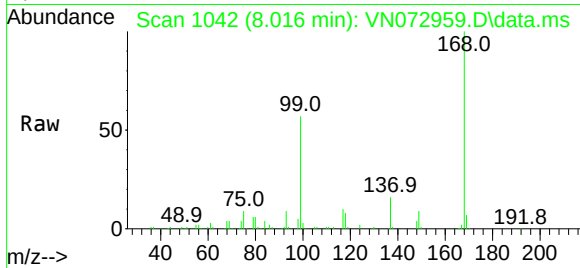




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN072959.D
Acq: 20 Jun 2022 14:16

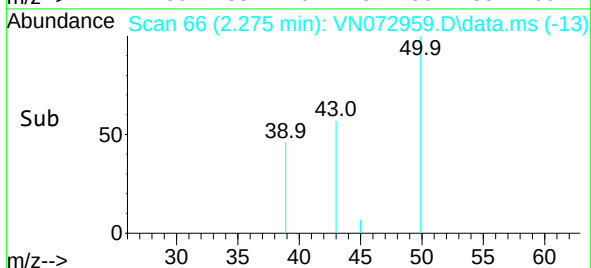
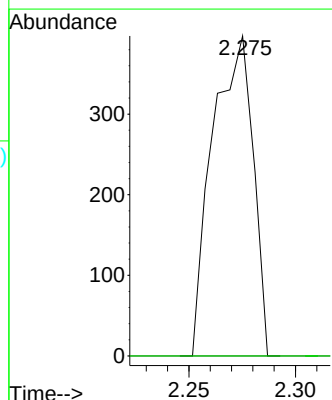
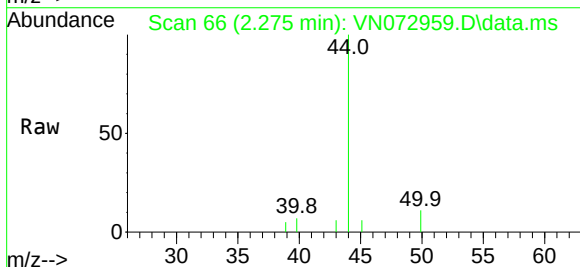
Instrument :
MSVOA_N
ClientSampleId :
MW-5

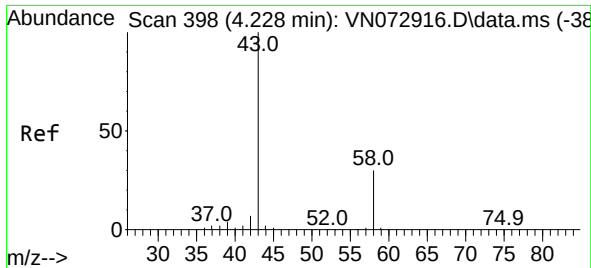
Tgt Ion:168 Resp: 326389
Ion Ratio Lower Upper
168 100
99 57.3 42.3 63.5



#3
Chloromethane
Concen: 0.725 ug/l
RT: 2.275 min Scan# 66
Delta R.T. 0.012 min
Lab File: VN072959.D
Acq: 20 Jun 2022 14:16

Tgt Ion: 50 Resp: 525
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

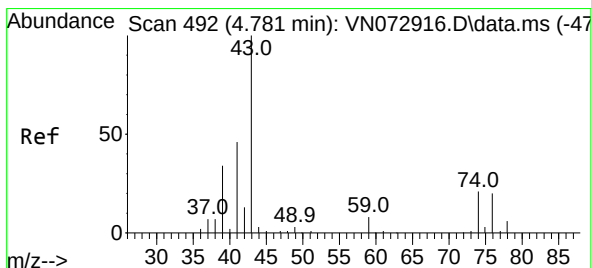
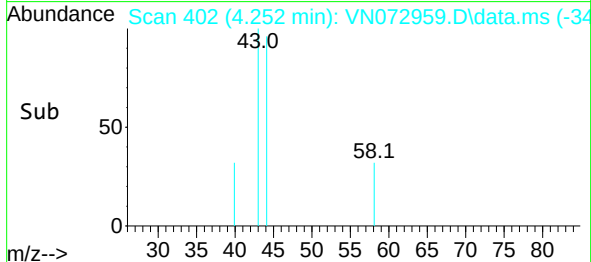
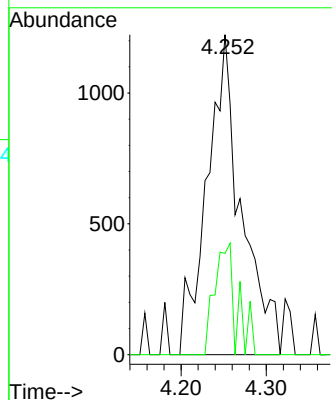
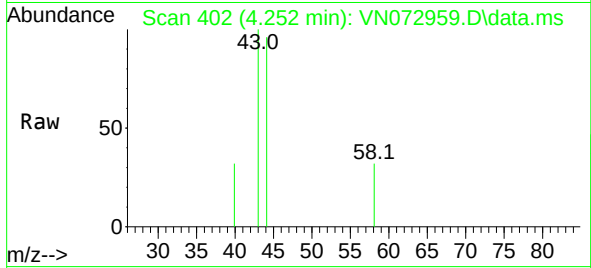




#16
Acetone
Concen: 1.415 ug/l
RT: 4.252 min Scan# 402
Delta R.T. 0.024 min
Lab File: VN072959.D
Acq: 20 Jun 2022 14:16

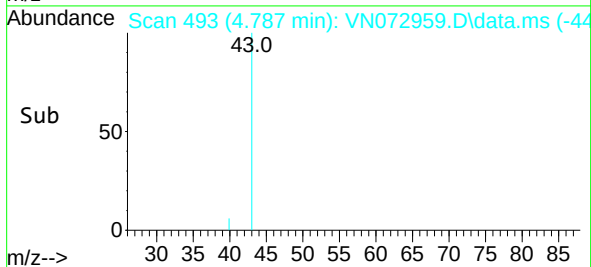
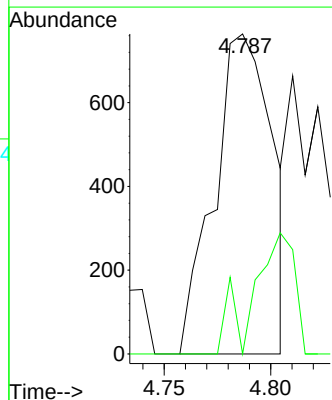
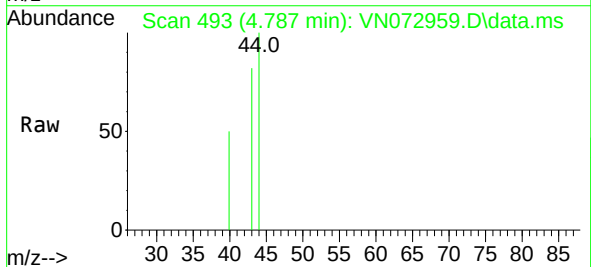
Instrument :
MSVOA_N
ClientSampleId :
MW-5

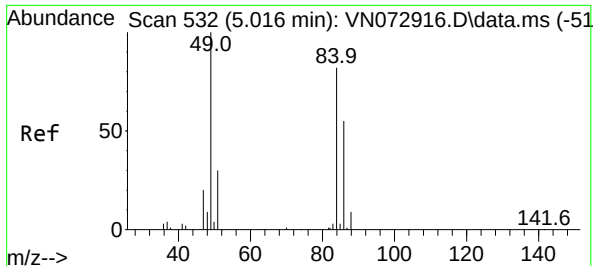
Tgt Ion: 43 Resp: 3433
Ion Ratio Lower Upper
43 100
58 31.6 26.0 39.0



#18
Methyl Acetate
Concen: 0.224 ug/l
RT: 4.787 min Scan# 493
Delta R.T. 0.006 min
Lab File: VN072959.D
Acq: 20 Jun 2022 14:16

Tgt Ion: 43 Resp: 1444
Ion Ratio Lower Upper
43 100
74 27.1 21.6 32.4

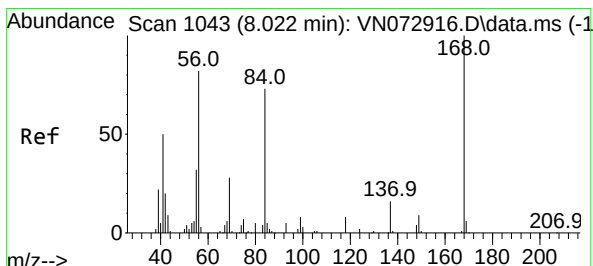
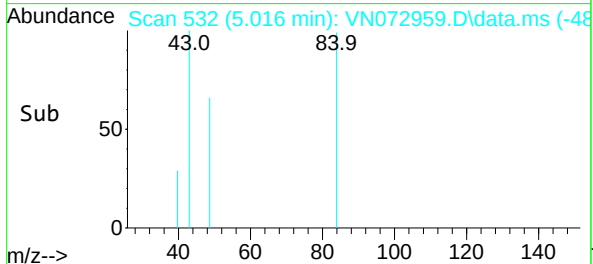
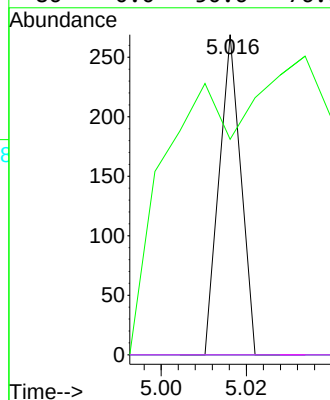
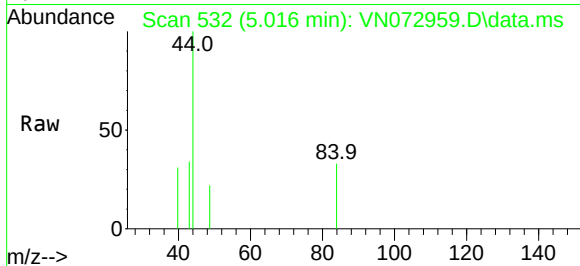




#20
Methylene Chloride
Concen: Below Cal
RT: 5.016 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072959.D
Acq: 20 Jun 2022 14:16

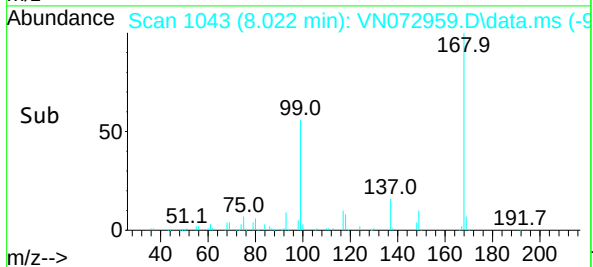
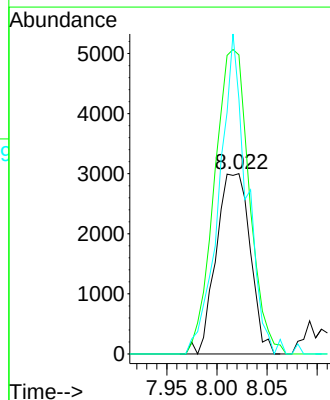
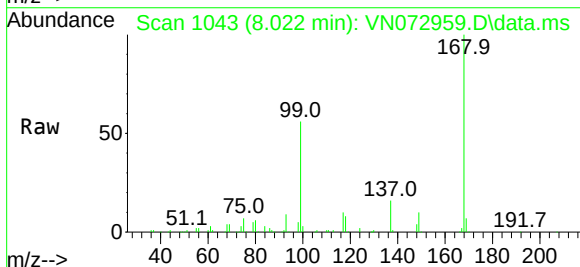
Instrument :
MSVOA_N
ClientSampleId :
MW-5

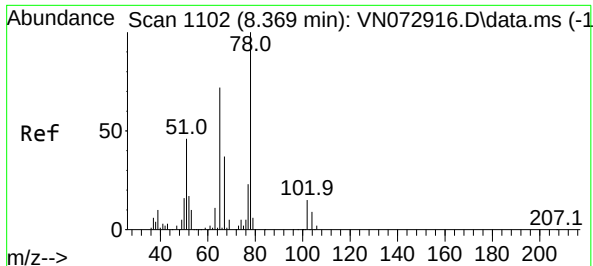
Tgt Ion:	84	Resp:	95
Ion	Ratio	Lower	Upper
84	100		
49	0.0	88.3	132.5#
51	0.0	28.2	42.2#
86	0.0	50.6	76.0#



#31
Cyclohexane
Concen: 1.188 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN072959.D
Acq: 20 Jun 2022 14:16

Tgt Ion:	56	Resp:	7091
Ion	Ratio	Lower	Upper
56	100		
69	165.8	27.8	41.8#
84	141.3	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 42.711 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072959.D

Acq: 20 Jun 2022 14:16

Instrument :

MSVOA_N

ClientSampleId :

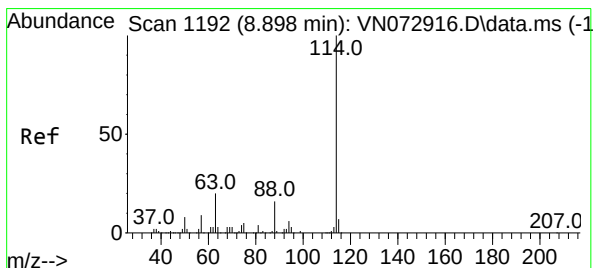
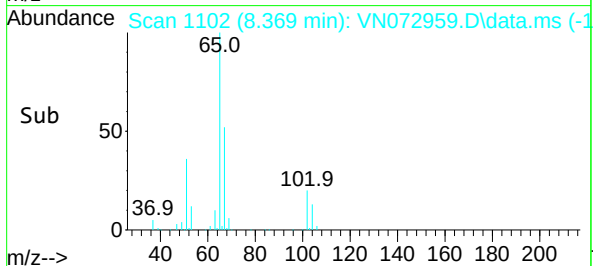
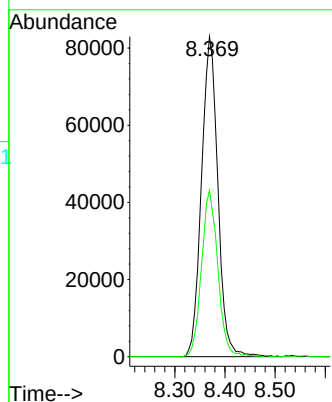
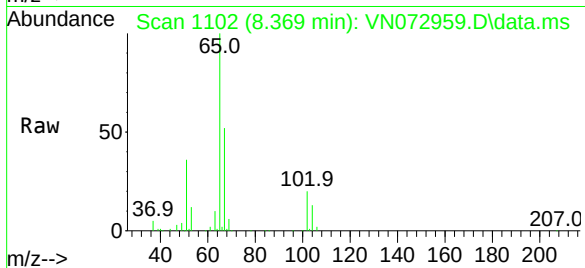
MW-5

Tgt Ion: 65 Resp: 188472

Ion Ratio Lower Upper

65 100

67 51.6 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: VN072959.D

Acq: 20 Jun 2022 14:16

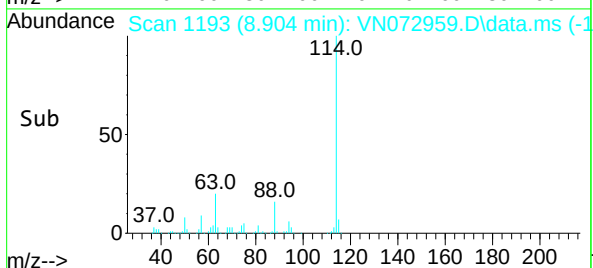
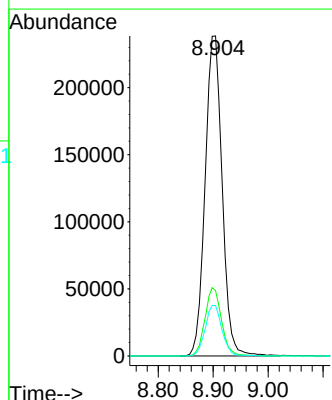
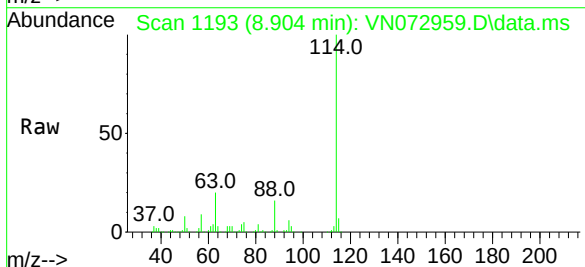
Tgt Ion: 114 Resp: 513158

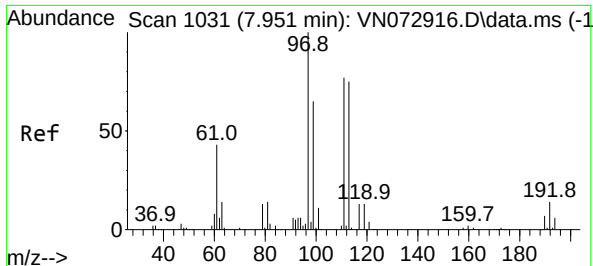
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.758 ug/l

RT: 7.951 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VN072959.D

Acq: 20 Jun 2022 14:16

Instrument :

MSVOA_N

ClientSampleId :

MW-5

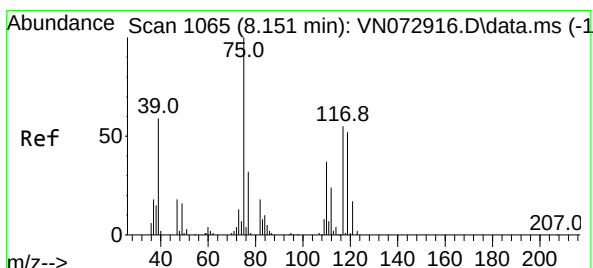
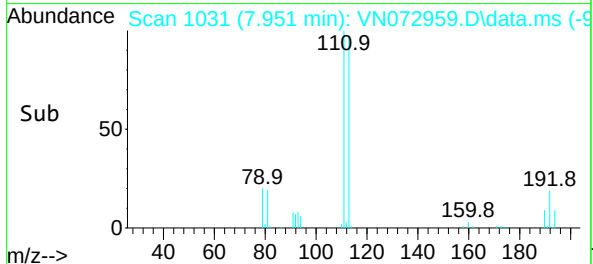
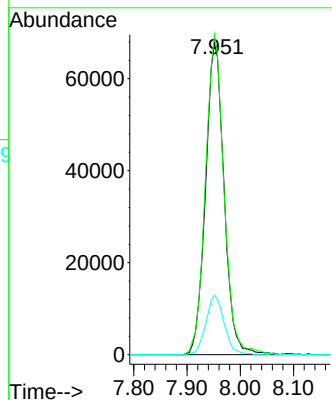
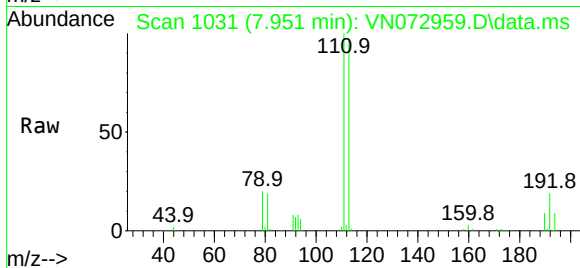
Tgt Ion:113 Resp: 164164

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 18.8 17.0 25.6



#36

1,1-Dichloropropene

Concen: 6.106 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN072959.D

Acq: 20 Jun 2022 14:16

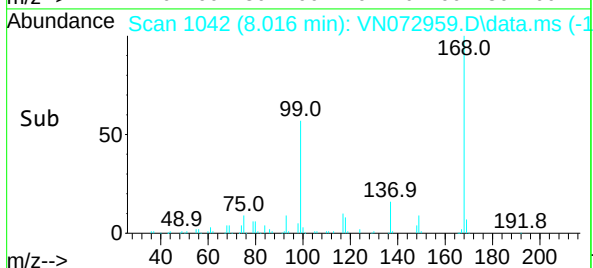
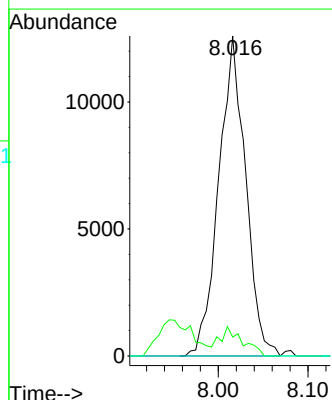
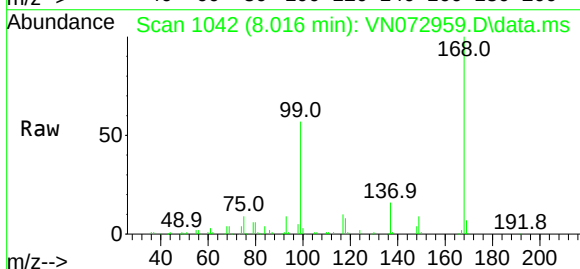
Tgt Ion: 75 Resp: 26207

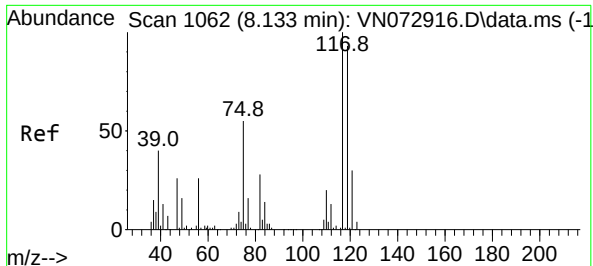
Ion Ratio Lower Upper

75 100

110 7.7 18.3 54.8#

77 0.0 25.1 37.7#

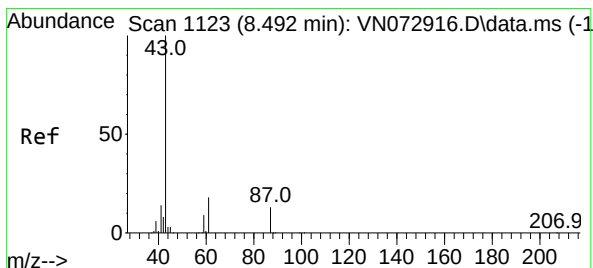
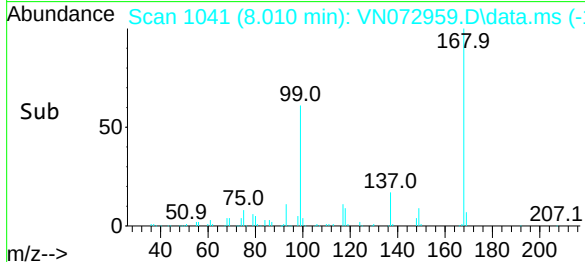
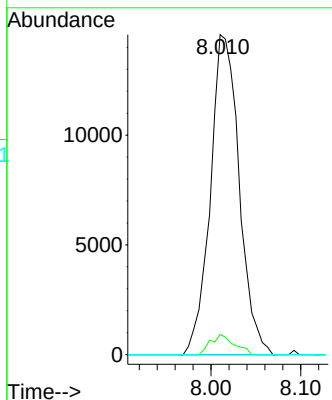
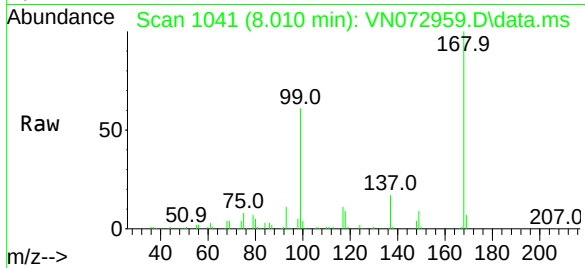




#38
Carbon Tetrachloride
Concen: 7.207 ug/l
RT: 8.010 min Scan# 1130
Delta R.T. -0.123 min
Lab File: VN072959.D
Acq: 20 Jun 2022 14:16

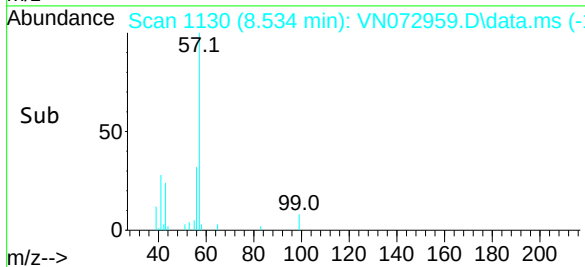
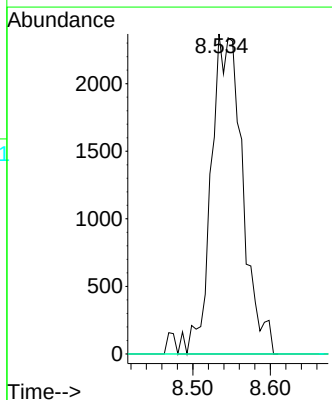
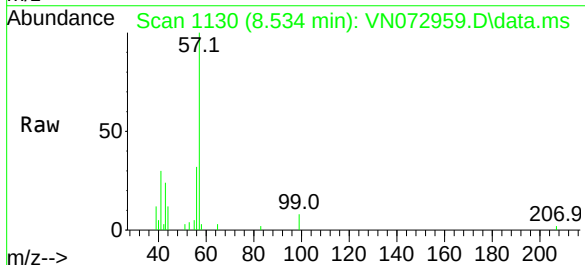
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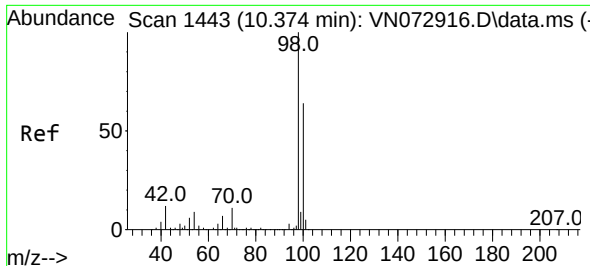
Tgt Ion: 117 Resp: 32537
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.679 ug/l
RT: 8.534 min Scan# 1130
Delta R.T. 0.041 min
Lab File: VN072959.D
Acq: 20 Jun 2022 14:16

Tgt Ion: 43 Resp: 6667
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

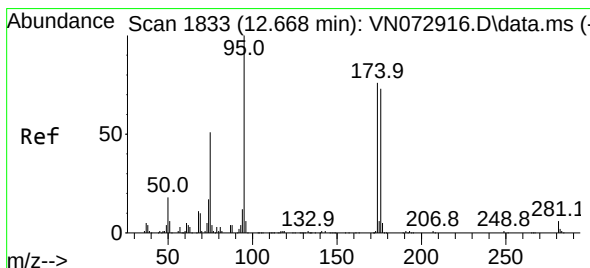
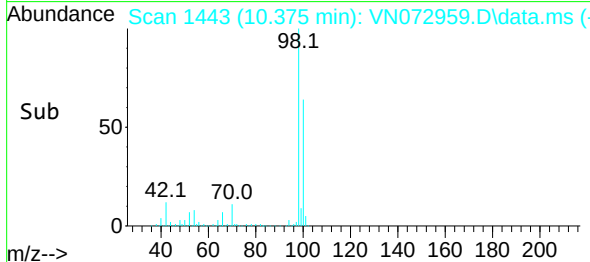
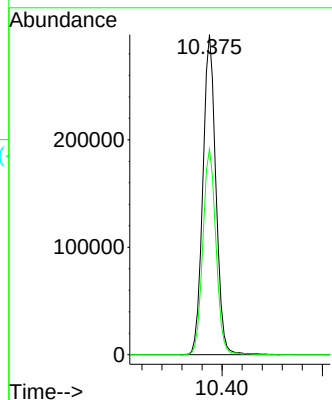
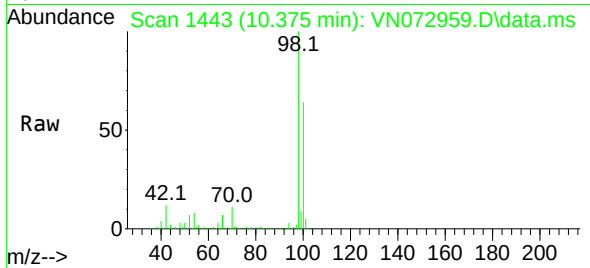




#50
Toluene-d8
Concen: 45.449 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072959.D
Acq: 20 Jun 2022 14:16

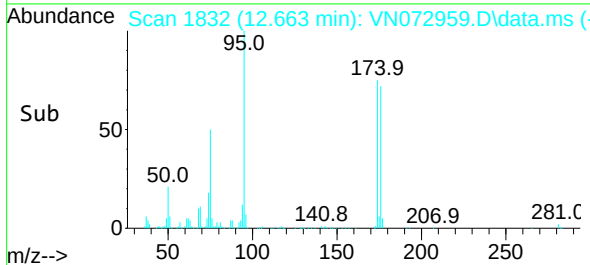
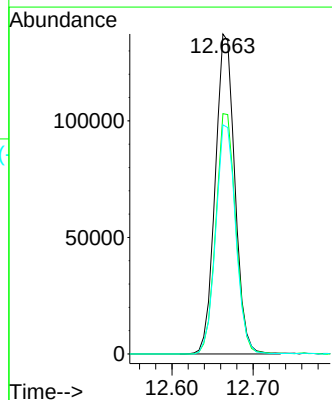
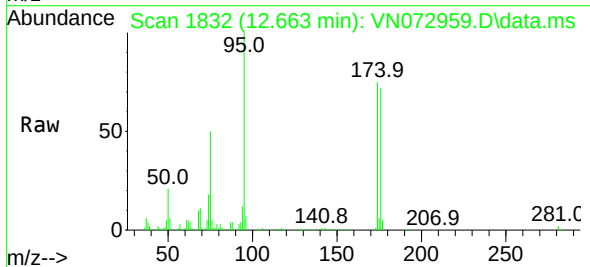
Instrument :
MSVOA_N
ClientSampleId :
MW-5

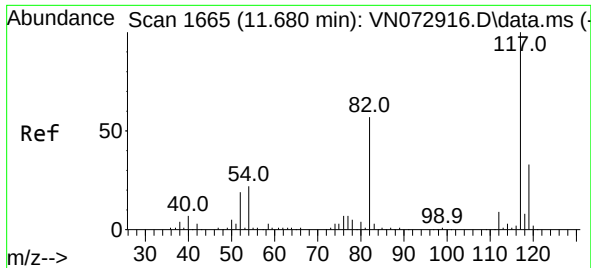
Tgt Ion: 98 Resp: 536403
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.241 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN072959.D
Acq: 20 Jun 2022 14:16

Tgt Ion: 95 Resp: 230194
Ion Ratio Lower Upper
95 100
174 76.0 0.0 167.6
176 72.9 0.0 163.4

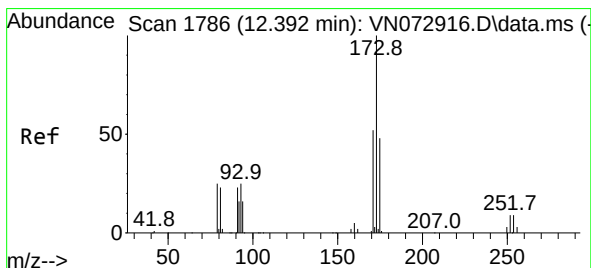
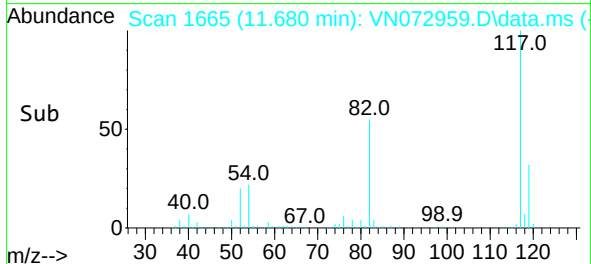
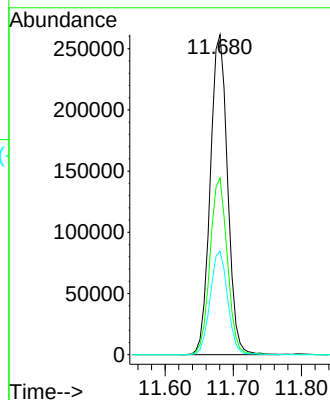
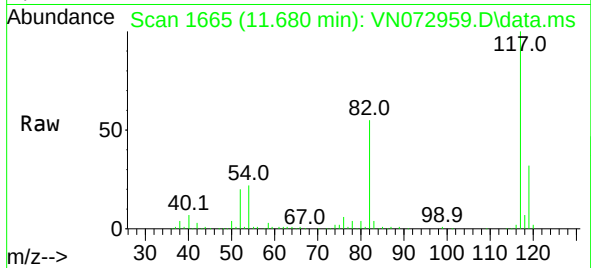




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072959.D
Acq: 20 Jun 2022 14:16

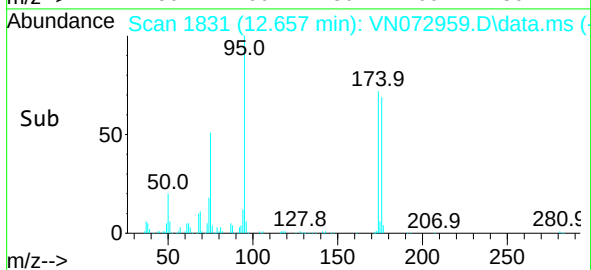
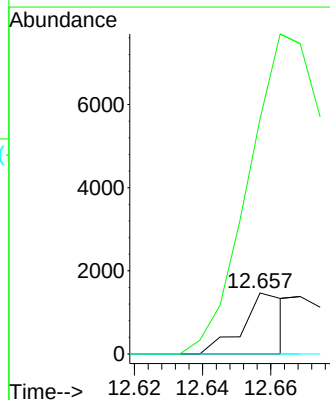
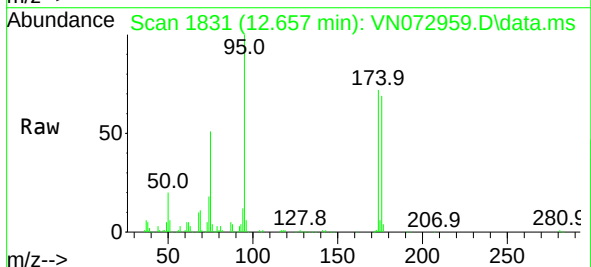
Instrument :
MSVOA_N
ClientSampleId :
MW-5

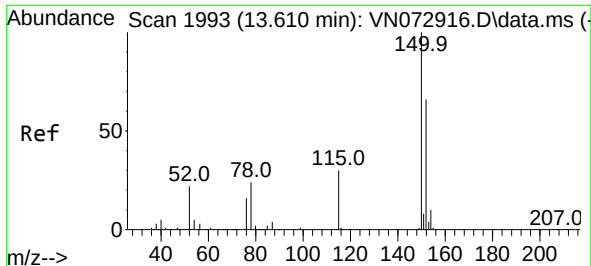
Tgt Ion:117 Resp: 462890
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.4 25.4 38.0



#71
Bromoform
Concen: 0.493 ug/l
RT: 12.657 min Scan# 1831
Delta R.T. 0.265 min
Lab File: VN072959.D
Acq: 20 Jun 2022 14:16

Tgt Ion:173 Resp: 1279
Ion Ratio Lower Upper
173 100
175 704.6 24.6 73.6#
254 0.0 0.1 0.1#

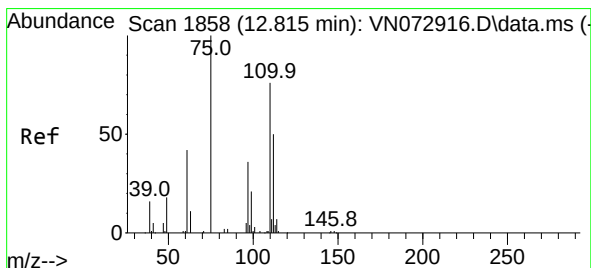
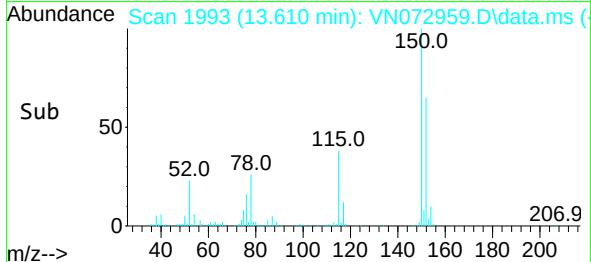
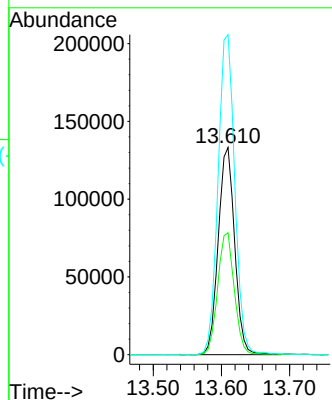
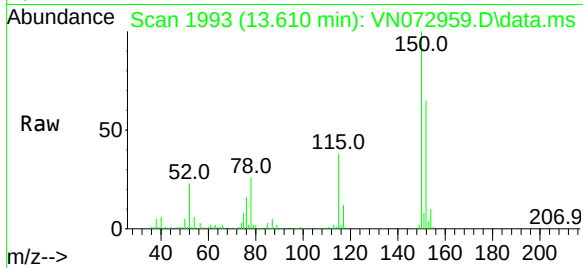




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. 0.000 min
 Lab File: VN072959.D
 Acq: 20 Jun 2022 14:16

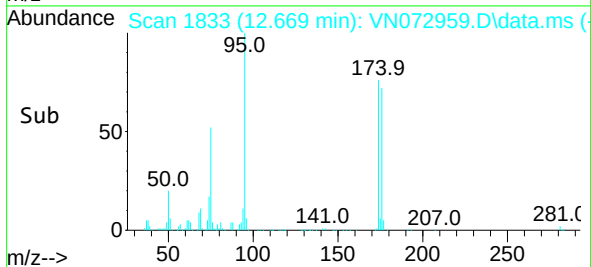
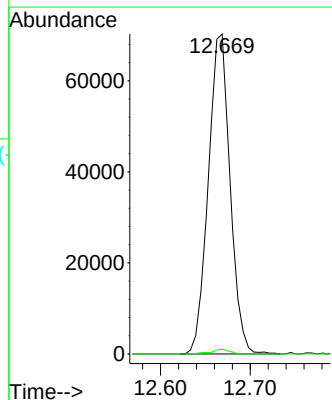
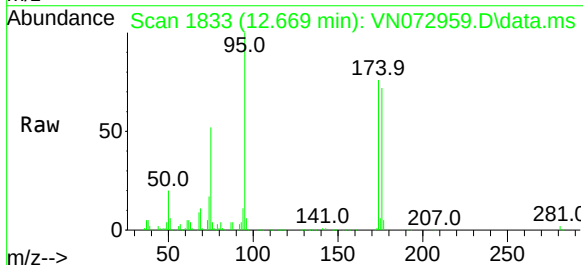
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

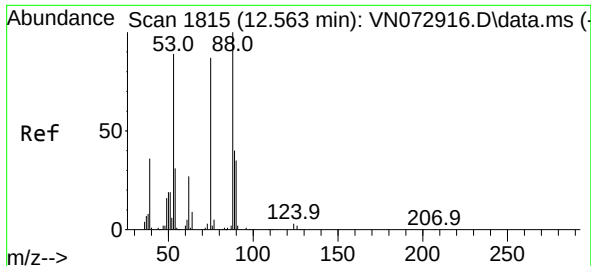
Tgt Ion:152 Resp: 223739
 Ion Ratio Lower Upper
 152 100
 115 59.6 28.9 86.7
 150 156.9 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 21.865 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN072959.D
 Acq: 20 Jun 2022 14:16

Tgt Ion: 75 Resp: 118606
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#

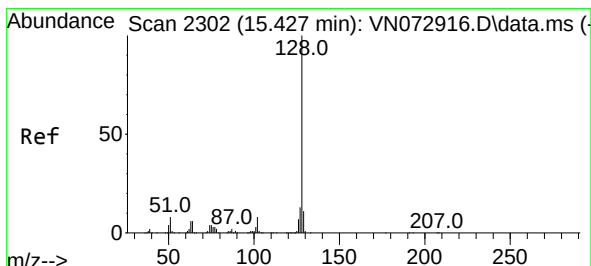
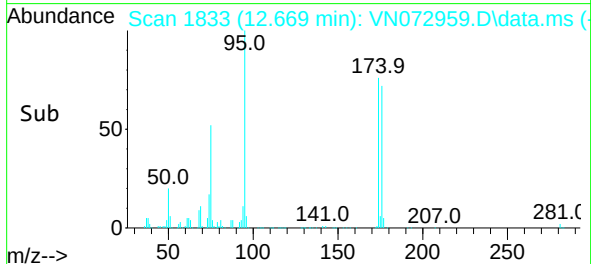
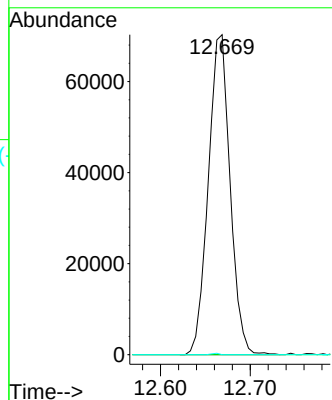
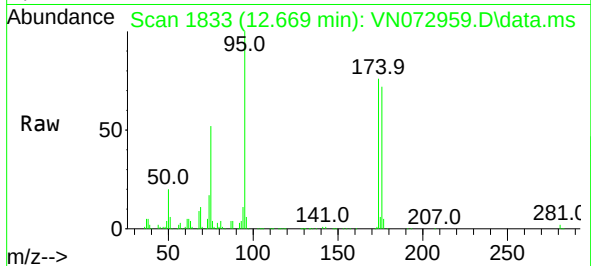




#81
trans-1,4-Dichloro-2-butene
Concen: 59.049 ug/l
RT: 12.669 min Scan# 1815
Delta R.T. 0.106 min
Lab File: VN072959.D
Acq: 20 Jun 2022 14:16

Instrument :
MSVOA_N
ClientSampleId :
MW-5

Tgt Ion: 75 Resp: 118606
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#



#95
Naphthalene
Concen: 0.202 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN072959.D
Acq: 20 Jun 2022 14:16

Tgt Ion: 128 Resp: 3498
Ion Ratio Lower Upper
128 100
127 11.6 10.3 15.5
129 9.0 8.6 13.0

