

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072122\
 Data File : VN073562.D
 Acq On : 21 Jul 2022 17:59
 Operator : JC\MD
 Sample : N3771-01 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2V

Quant Time: Jul 22 08:01:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

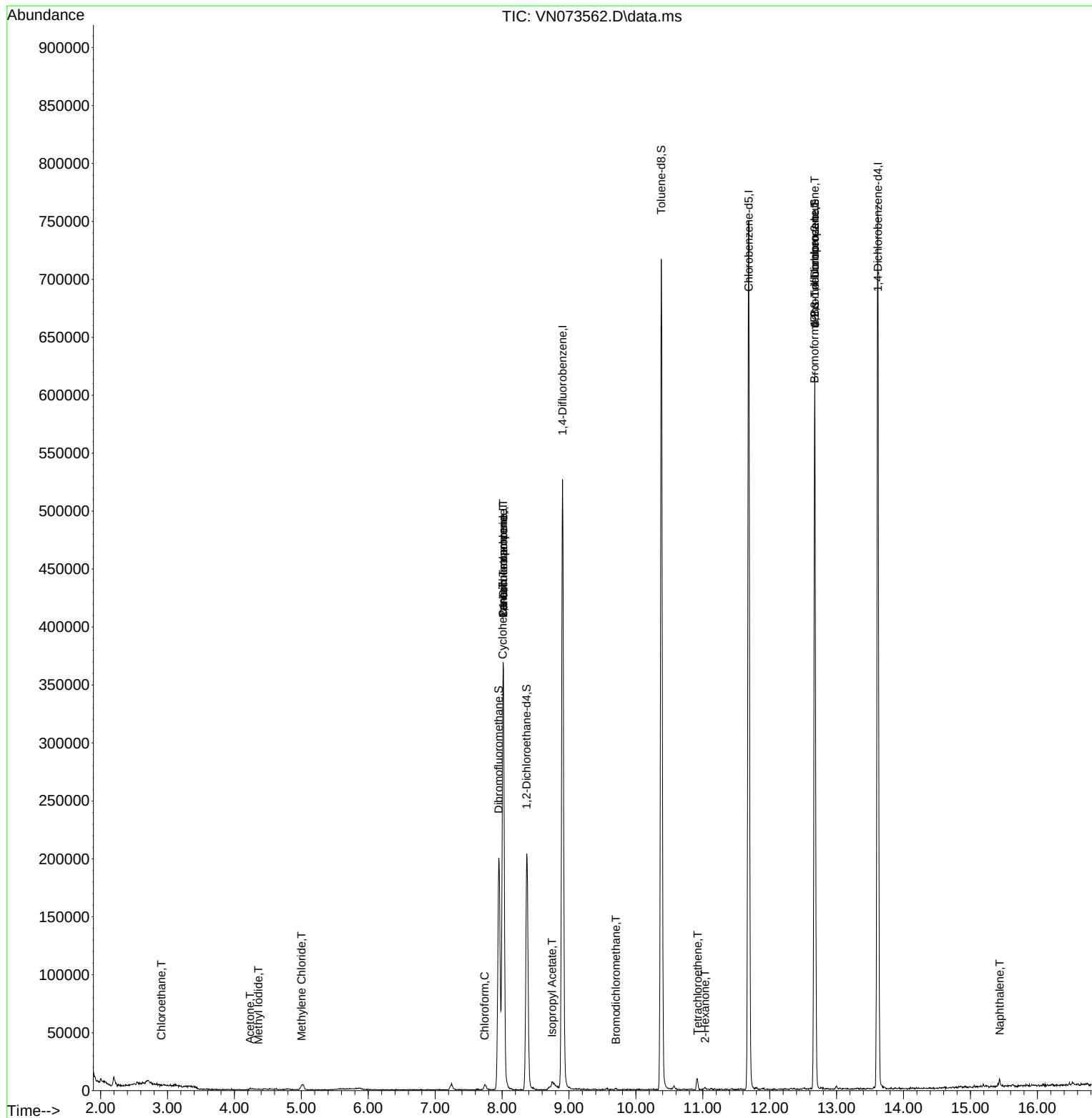
Internal Standards						
1) Pentafluorobenzene	8.016	168	287436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	462294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	426905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	207470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	170660	41.128	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	82.260%	
35) Dibromofluoromethane	7.951	113	148305	48.218	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.440%	
50) Toluene-d8	10.380	98	490268	44.880	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	89.760%	
62) 4-Bromofluorobenzene	12.674	95	205631	48.983	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	97.960%	
Target Compounds						
					Qvalue	
6) Chloroethane	2.910	64	862	0.423	ug/l #	42
10) Methyl Iodide	4.357	142	228	3.780	ug/l #	44
16) Acetone	4.234	43	1937	0.832	ug/l	97
20) Methylene Chloride	5.004	84	3950	0.965	ug/l #	91
30) Chloroform	7.739	83	4785	0.690	ug/l	97
31) Cyclohexane	8.010	56	7281	1.071	ug/l #	40
36) 1,1-Dichloropropene	8.016	75	22938	4.847	ug/l #	48
38) Carbon Tetrachloride	8.016	117	28479	5.819	ug/l #	17
43) Isopropyl Acetate	8.745	43	6860	0.668	ug/l #	53
47) Bromodichloromethane	9.704	83	1017	0.208	ug/l #	58
59) 2-Hexanone	11.033	43	1125	0.226	ug/l	77
64) Tetrachloroethene	10.922	164	2101	0.603	ug/l #	83
71) Bromoform	12.669	173	1708	0.657	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	107536	19.823	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	107536	54.363	ug/l #	10
95) Naphthalene	15.439	128	5138	0.321	ug/l	96

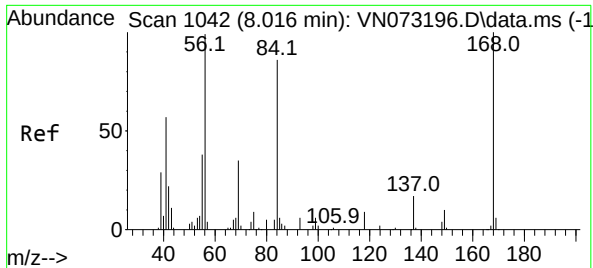
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

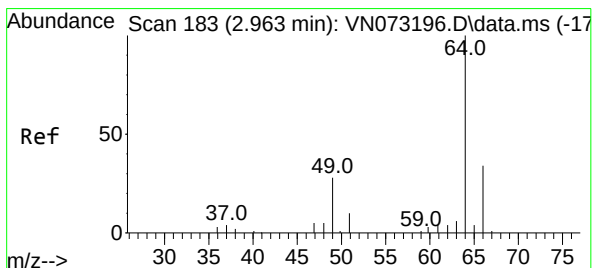
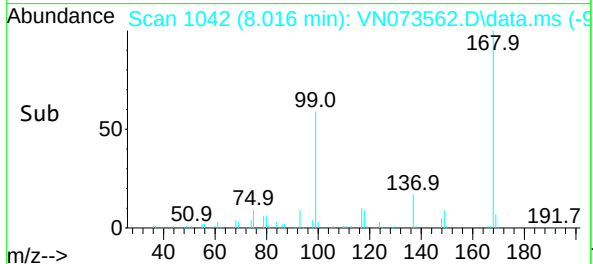
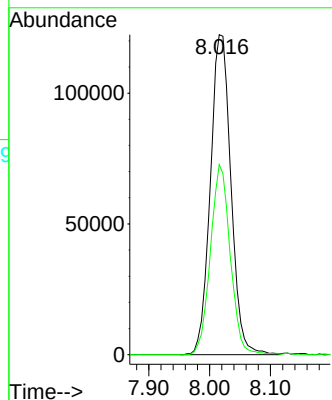
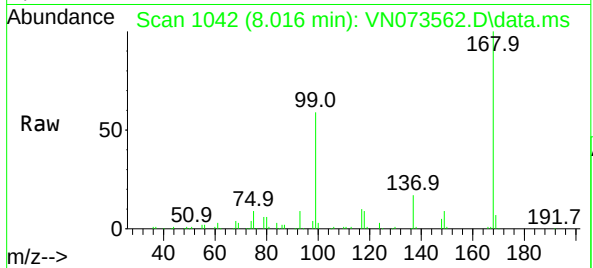




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

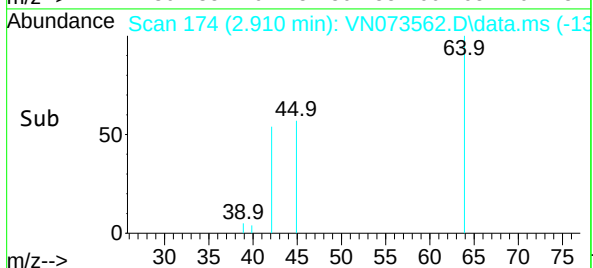
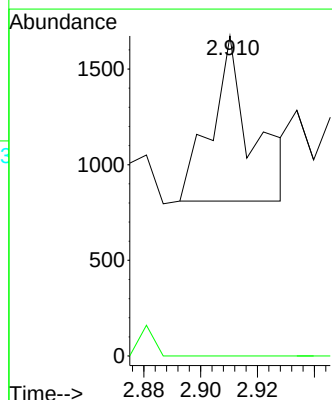
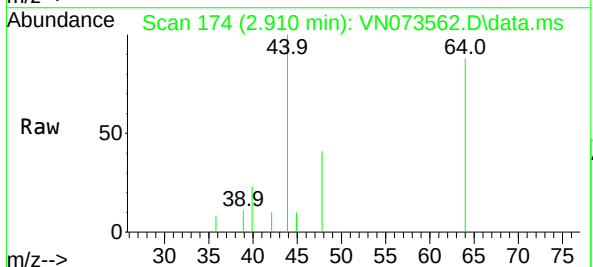
Instrument :
MSVOA_N
ClientSampleId :
MW-2V

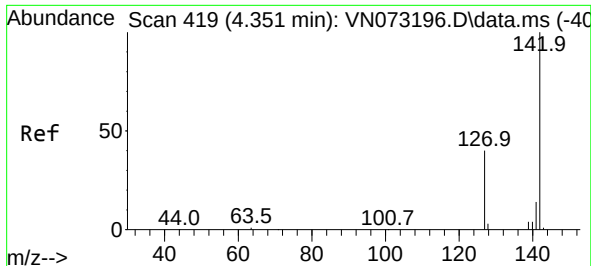
Tgt Ion:168 Resp: 287436
Ion Ratio Lower Upper
168 100
99 59.4 42.3 63.5



#6
Chloroethane
Concen: 0.423 ug/l
RT: 2.910 min Scan# 174
Delta R.T. -0.053 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

Tgt Ion: 64 Resp: 862
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

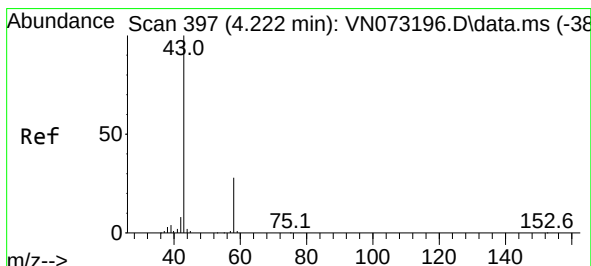
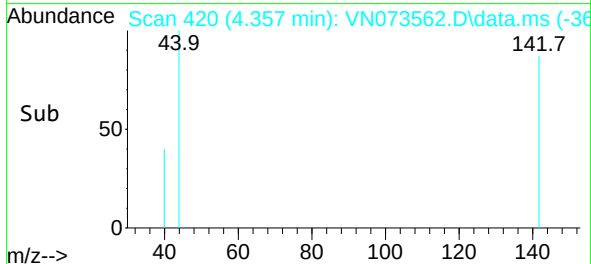
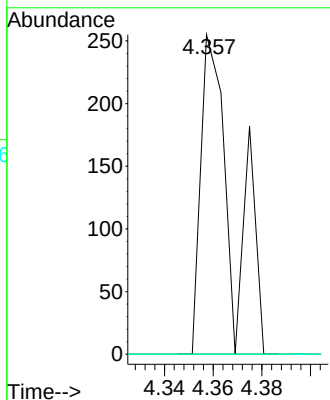
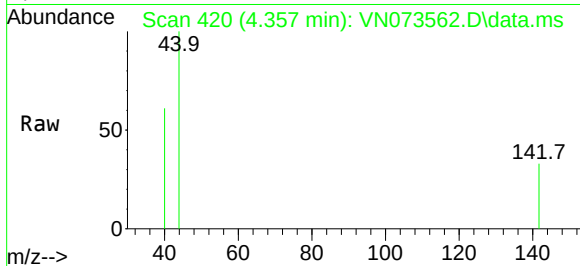




#10
Methyl Iodide
Concen: 3.780 ug/l
RT: 4.357 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

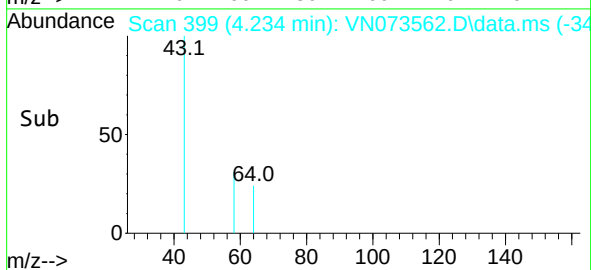
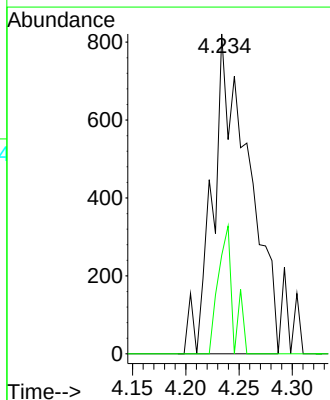
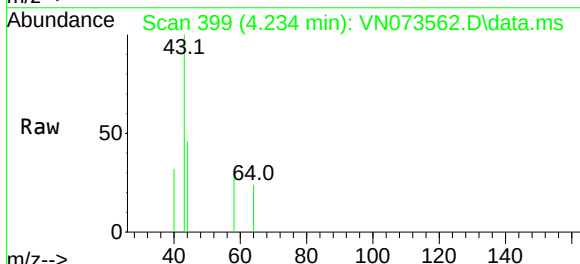
Instrument :
MSVOA_N
ClientSampleId :
MW-2V

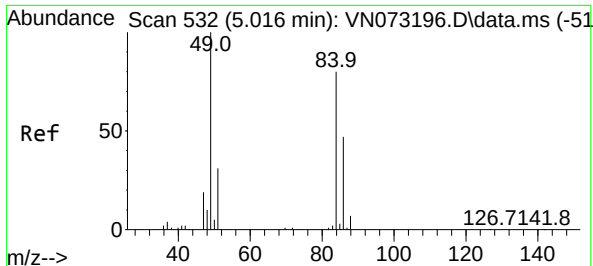
Tgt Ion:	142	Resp:	228
Ion	Ratio	Lower	Upper
142	100		
127	0.0	31.3	46.9#
141	0.0	11.2	16.8#



#16
Acetone
Concen: 0.832 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

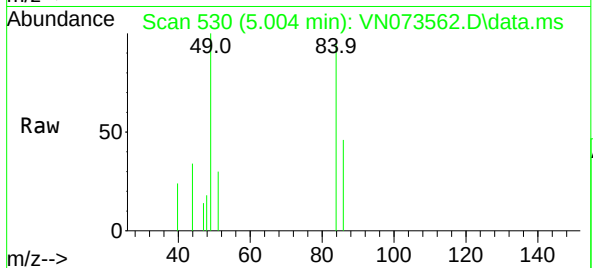
Tgt Ion:	43	Resp:	1937
Ion	Ratio	Lower	Upper
43	100		
58	30.8	26.0	39.0



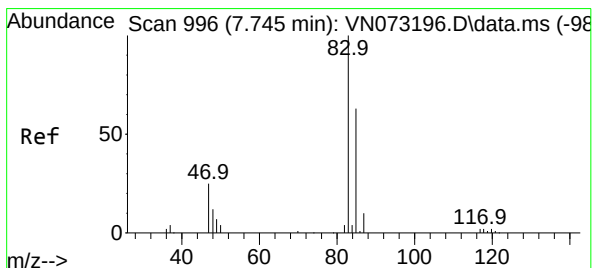
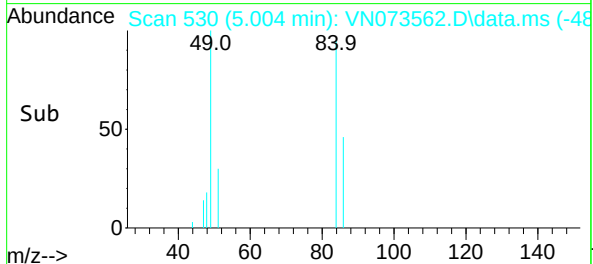
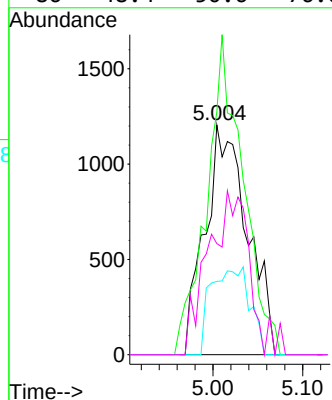


#20
Methylene Chloride
Concen: 0.965 ug/l
RT: 5.004 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

Instrument :
MSVOA_N
ClientSampleId :
MW-2V

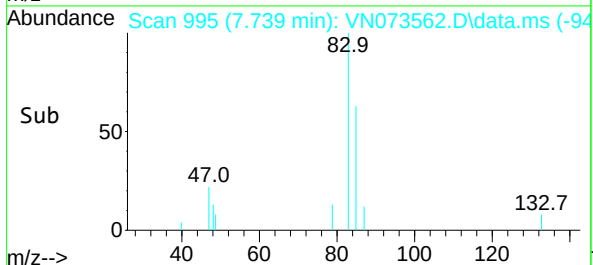
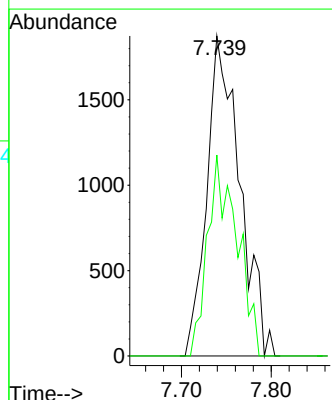
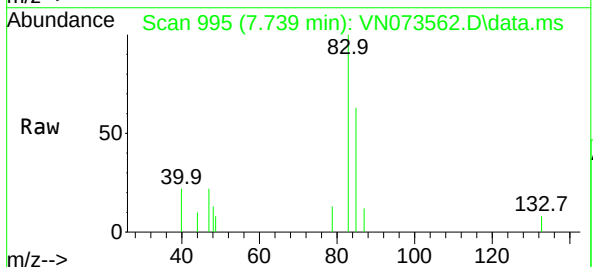


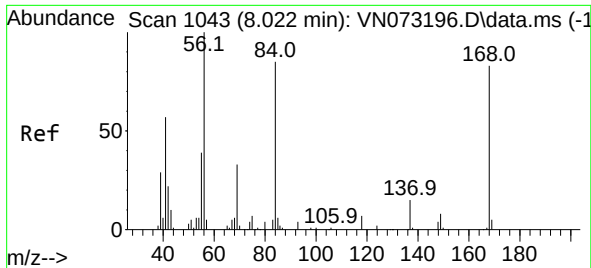
Tgt Ion: 84 Resp: 3950
Ion Ratio Lower Upper
84 100
49 105.7 88.3 132.5
51 32.0 28.2 42.2
86 48.4 50.6 76.0#



#30
Chloroform
Concen: 0.690 ug/l
RT: 7.739 min Scan# 995
Delta R.T. -0.006 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

Tgt Ion: 83 Resp: 4785
Ion Ratio Lower Upper
83 100
85 62.8 51.8 77.8

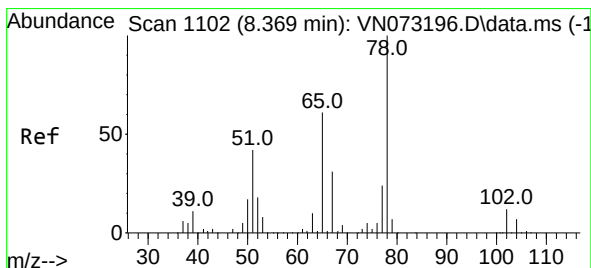
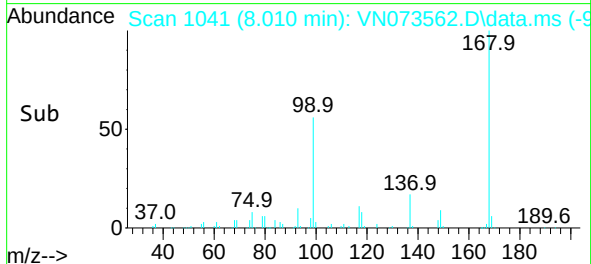
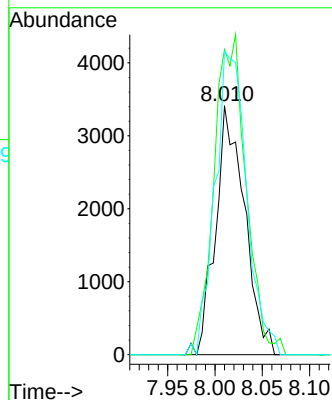
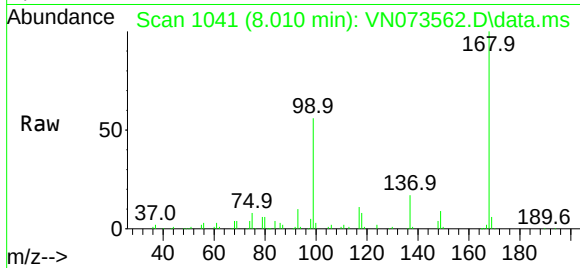




#31
Cyclohexane
Concen: 1.071 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

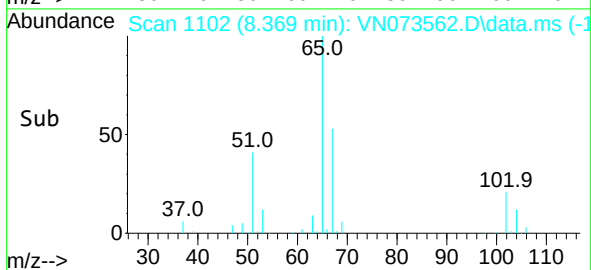
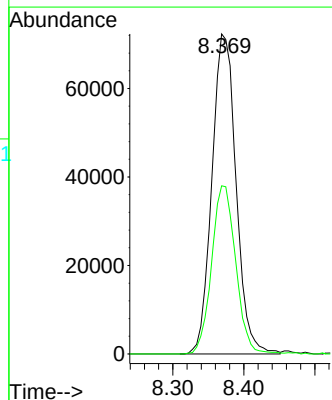
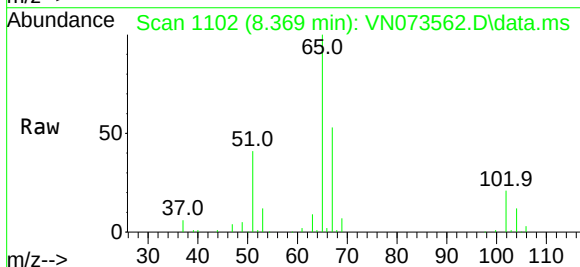
Instrument :
MSVOA_N
ClientSampleId :
MW-2V

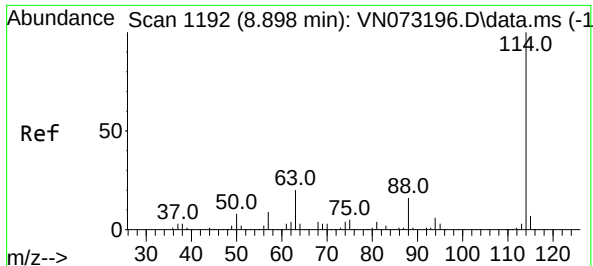
Tgt Ion: 56 Resp: 7281
Ion Ratio Lower Upper
56 100
69 122.6 27.8 41.8#
84 121.7 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 41.128 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

Tgt Ion: 65 Resp: 170660
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8

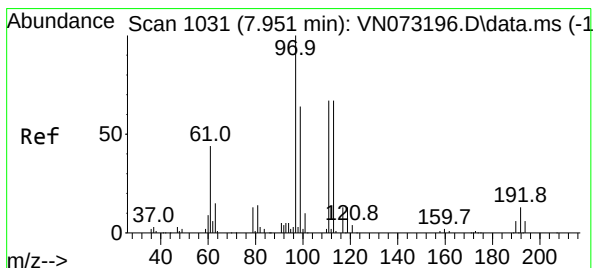
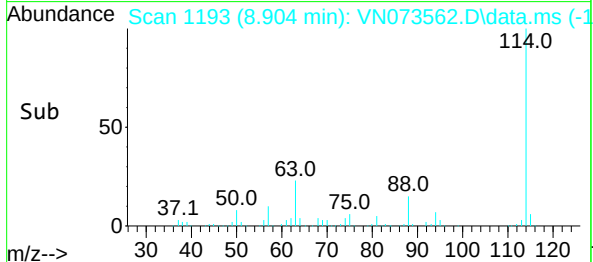
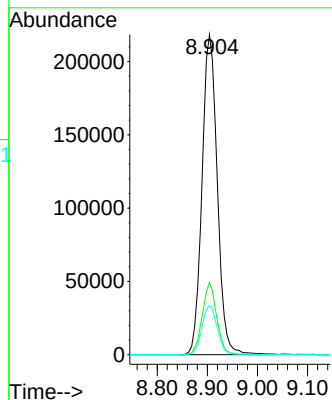
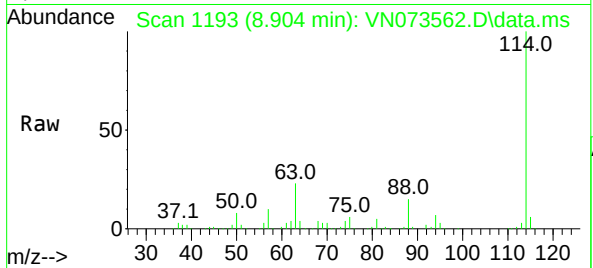




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

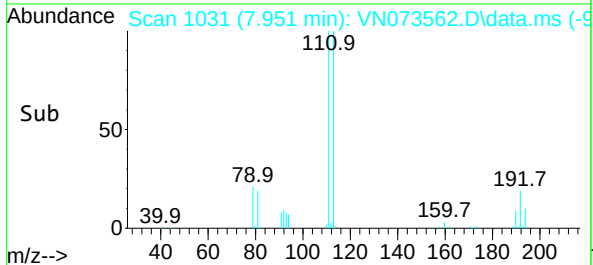
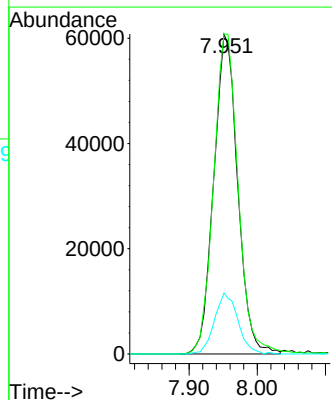
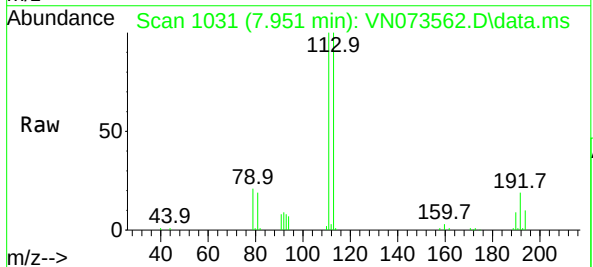
Instrument :
MSVOA_N
ClientSampleId :
MW-2V

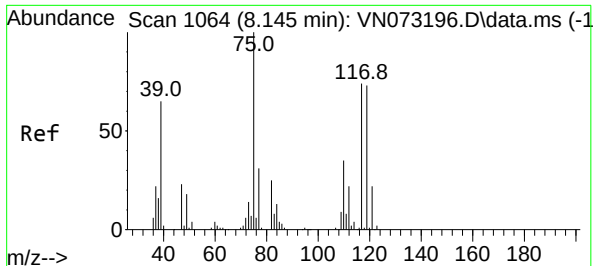
Tgt Ion:114 Resp: 462294
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.0
88 15.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.218 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

Tgt Ion:113 Resp: 148305
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 18.6 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.847 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073562.D

Acq: 21 Jul 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

MW-2V

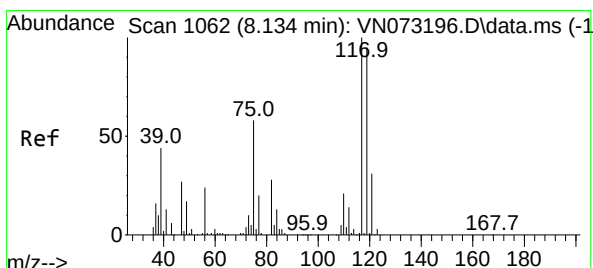
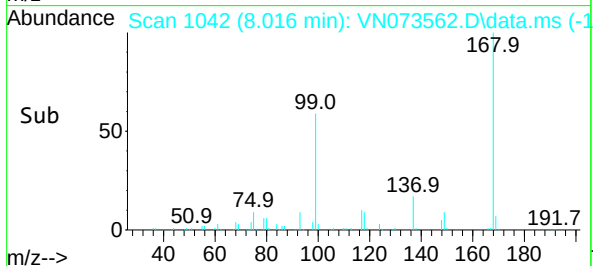
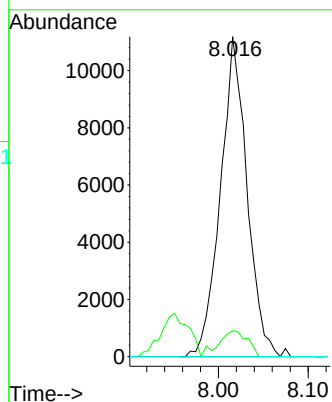
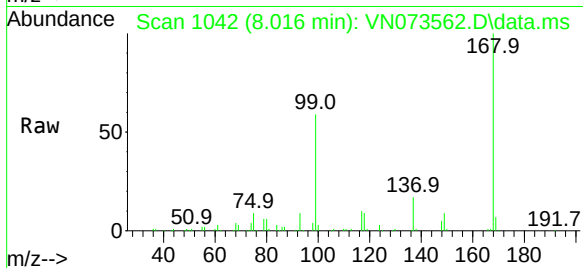
Tgt Ion: 75 Resp: 22938

Ion Ratio Lower Upper

75 100

110 7.9 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.819 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073562.D

Acq: 21 Jul 2022 17:59

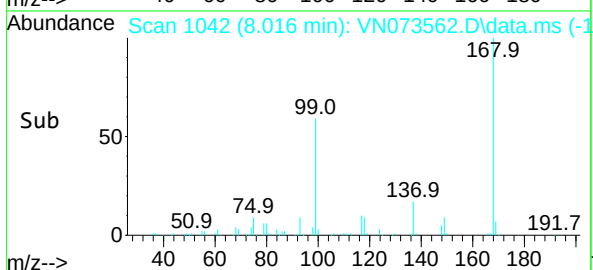
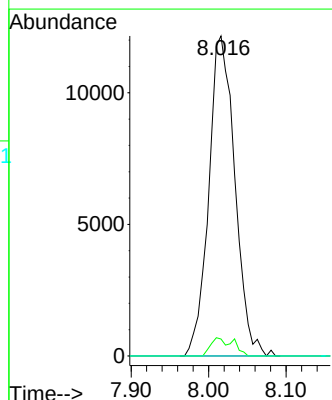
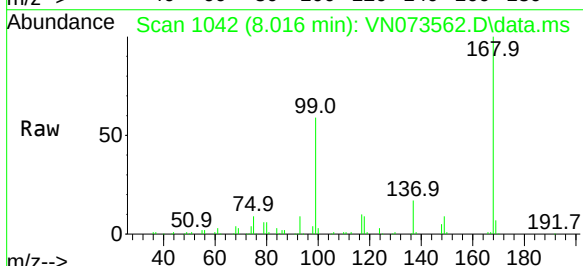
Tgt Ion: 117 Resp: 28479

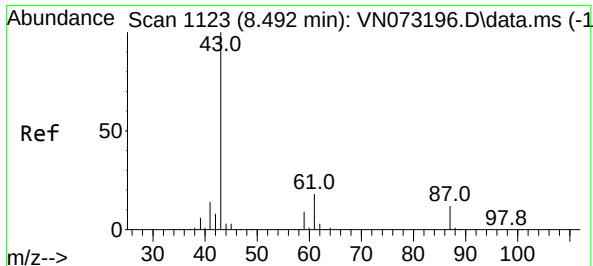
Ion Ratio Lower Upper

117 100

119 5.3 75.8 113.8#

121 0.0 24.6 37.0#

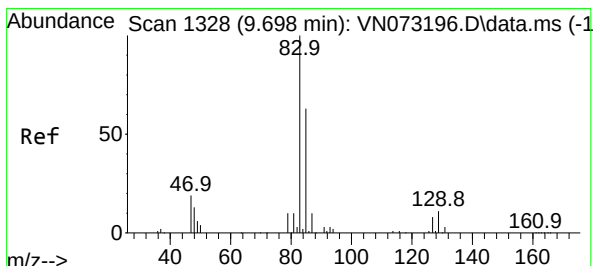
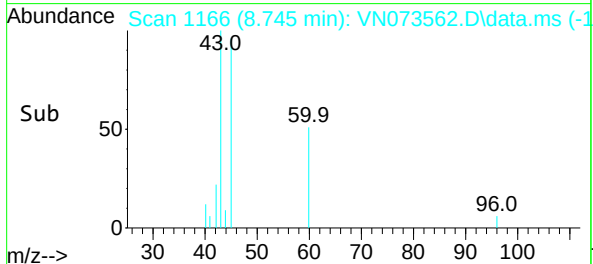
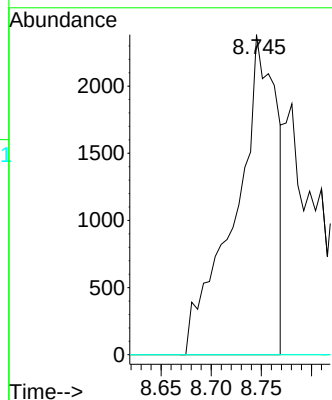
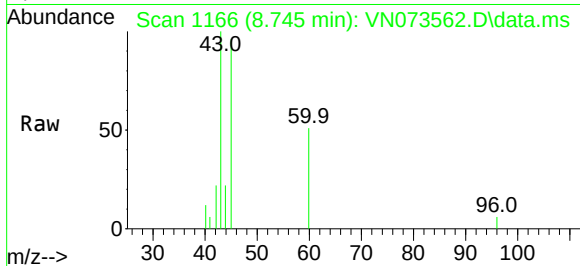




#43
Isopropyl Acetate
Concen: 0.668 ug/l
RT: 8.745 min Scan# 1166
Delta R.T. 0.253 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

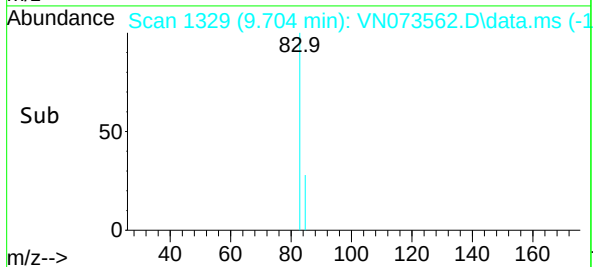
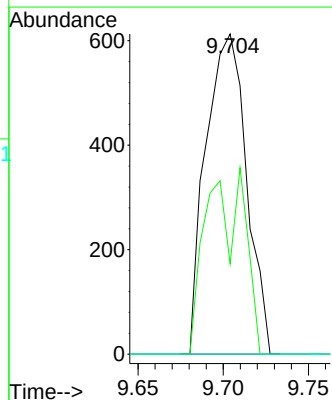
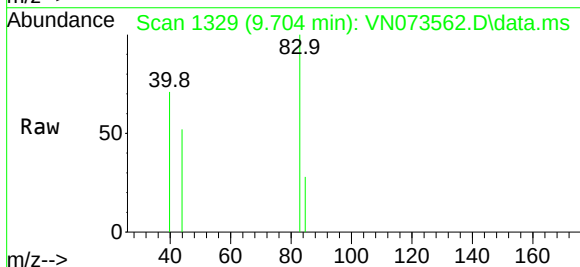
Instrument :
MSVOA_N
ClientSampleId :
MW-2V

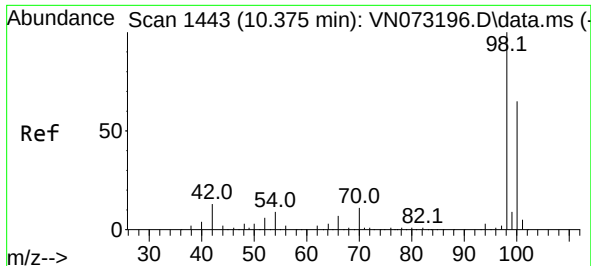
Tgt Ion: 43 Resp: 6860
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#47
Bromodichloromethane
Concen: 0.208 ug/l
RT: 9.704 min Scan# 1329
Delta R.T. 0.006 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

Tgt Ion: 83 Resp: 1017
Ion Ratio Lower Upper
83 100
85 28.2 50.5 75.7#
127 0.0 6.8 10.2#

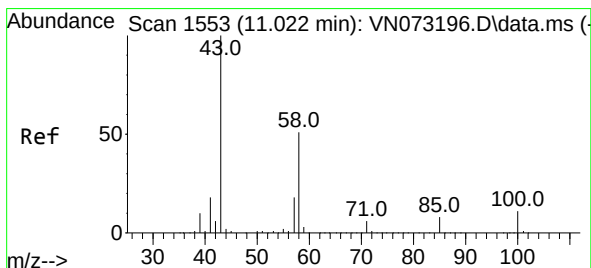
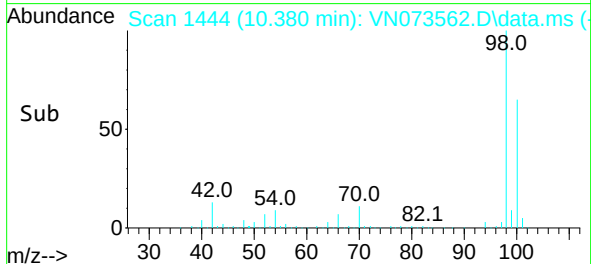
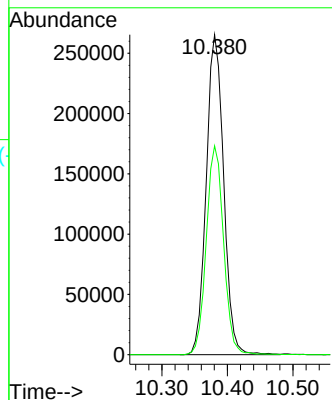
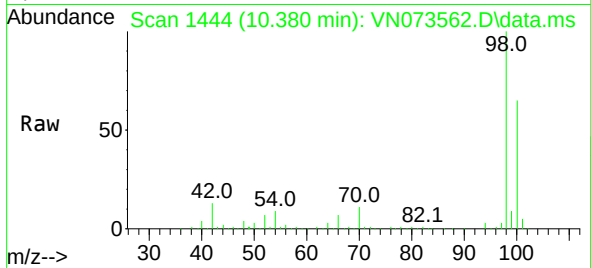




#50
Toluene-d8
Concen: 44.880 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

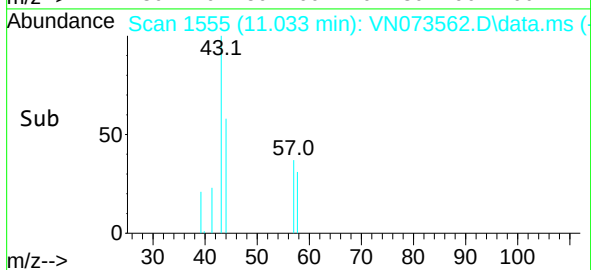
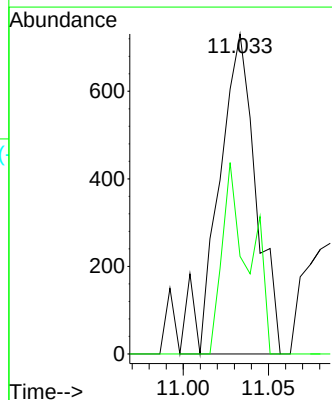
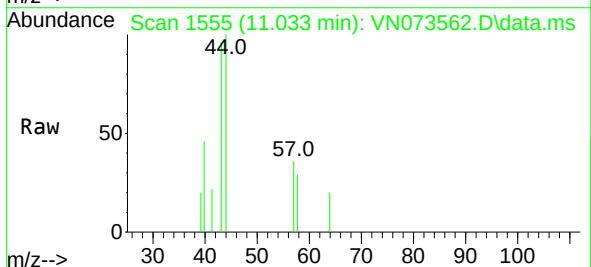
Instrument :
MSVOA_N
ClientSampleId :
MW-2V

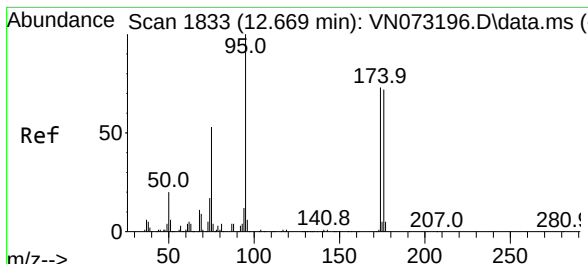
Tgt Ion: 98 Resp: 490268
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#59
2-Hexanone
Concen: 0.226 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.011 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

Tgt Ion: 43 Resp: 1125
Ion Ratio Lower Upper
43 100
58 42.4 29.7 89.1



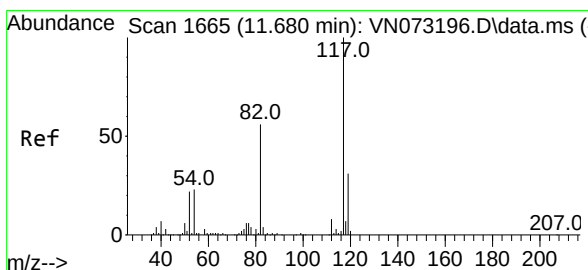
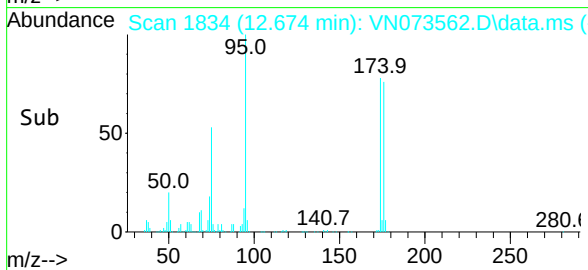
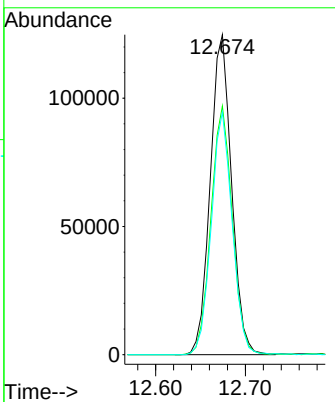
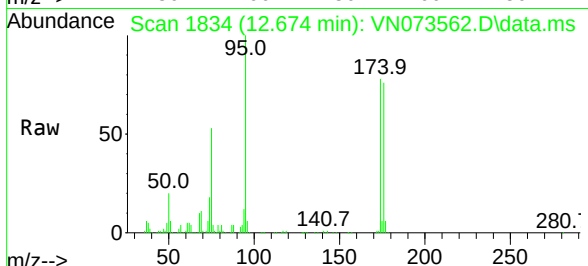


#62
4-Bromofluorobenzene
Concen: 48.983 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

Instrument :
MSVOA_N
ClientSampleId :
MW-2V

Tgt Ion: 95 Resp: 205631

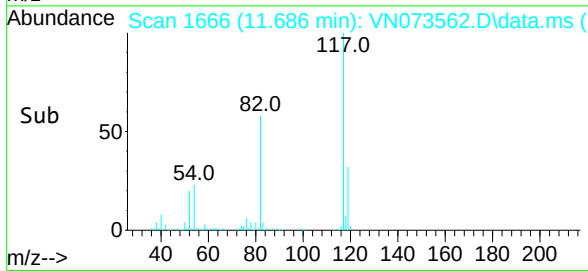
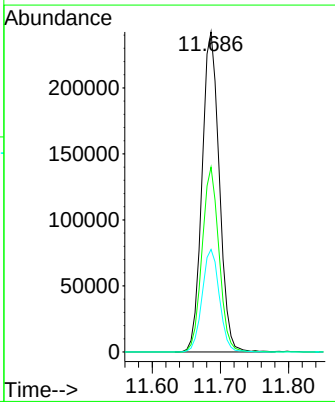
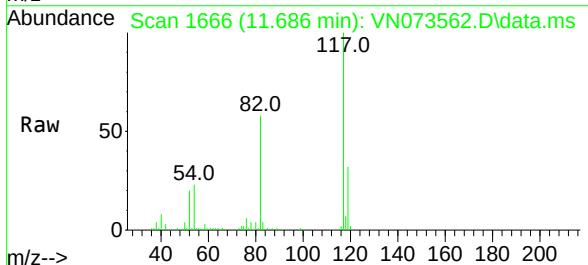
Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	167.6
176	74.5	0.0	163.4

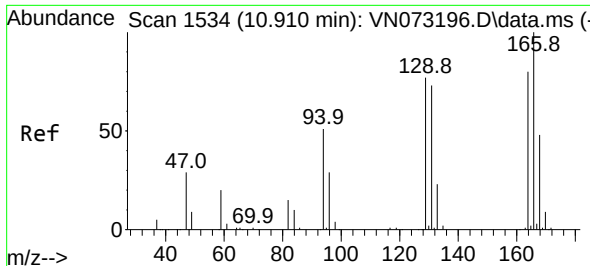


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

Tgt Ion: 117 Resp: 426905

Ion	Ratio	Lower	Upper
117	100		
82	57.8	44.2	66.2
119	32.1	25.4	38.0

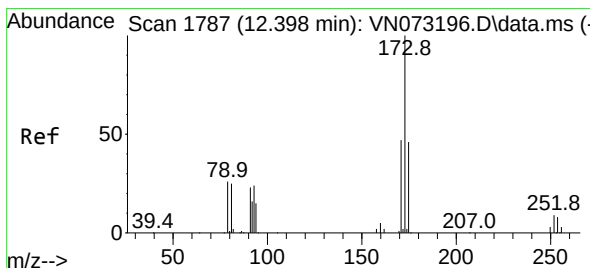
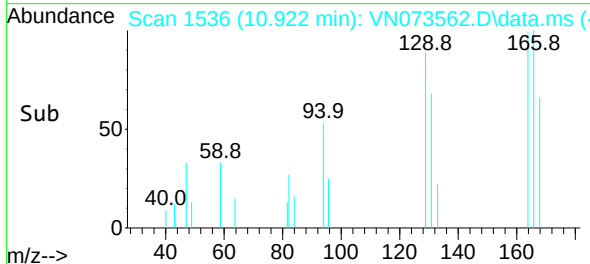
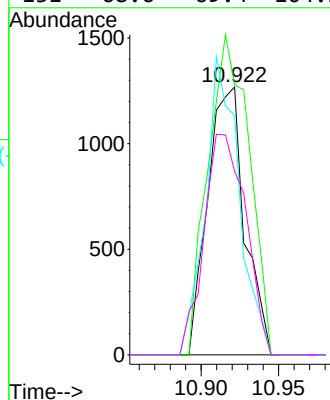
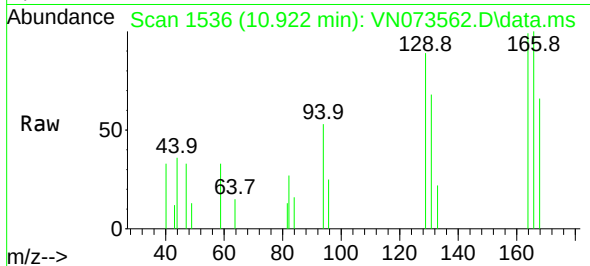




#64
Tetrachloroethene
Concen: 0.603 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

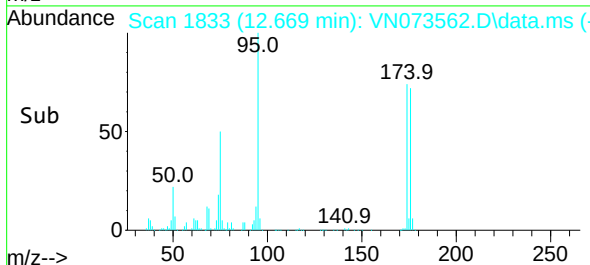
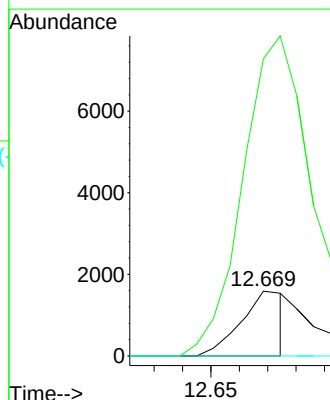
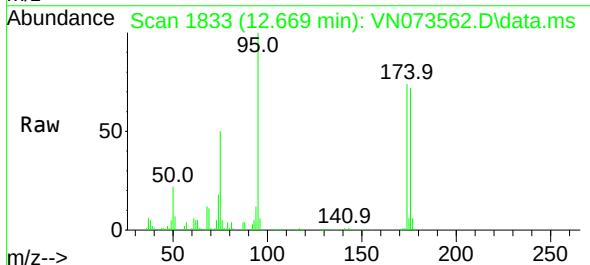
Instrument :
MSVOA_N
ClientSampleId :
MW-2V

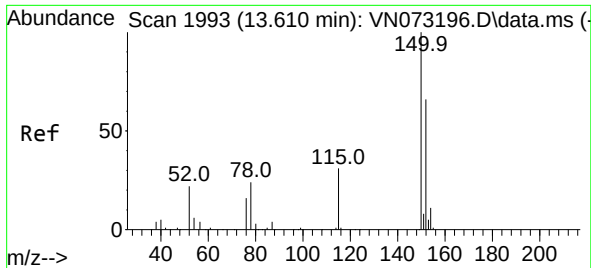
Tgt Ion:164 Resp: 2101
Ion Ratio Lower Upper
164 100
166 100.9 104.2 156.2#
129 89.4 73.9 110.9
131 68.6 69.4 104.2#



#71
Bromoform
Concen: 0.657 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

Tgt Ion:173 Resp: 1708
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

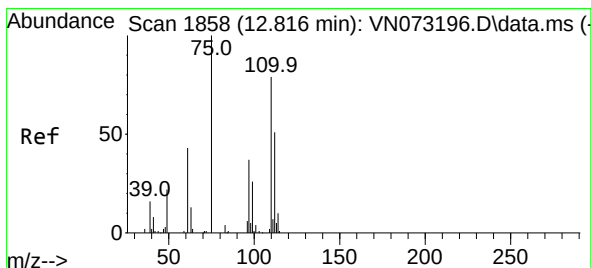
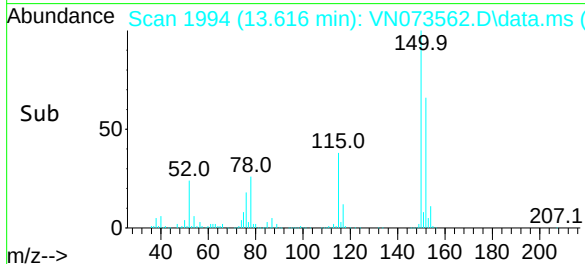
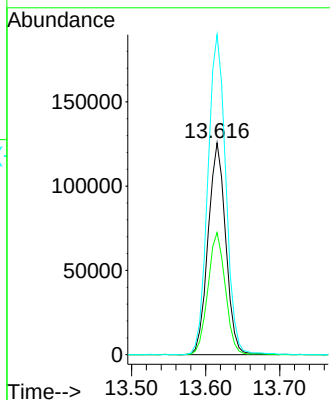
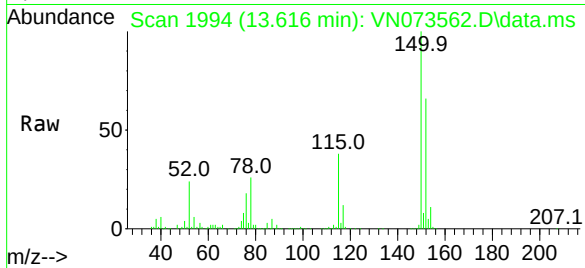




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1993
 Delta R.T. 0.006 min
 Lab File: VN073562.D
 Acq: 21 Jul 2022 17:59

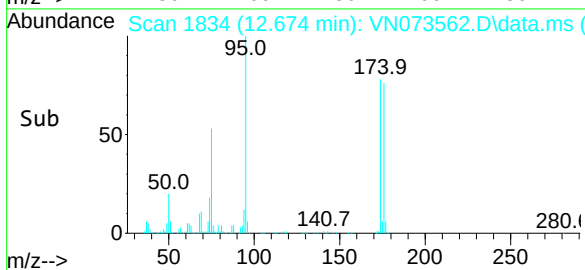
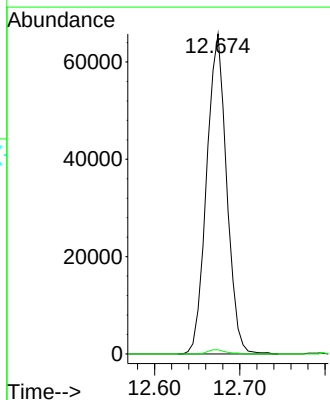
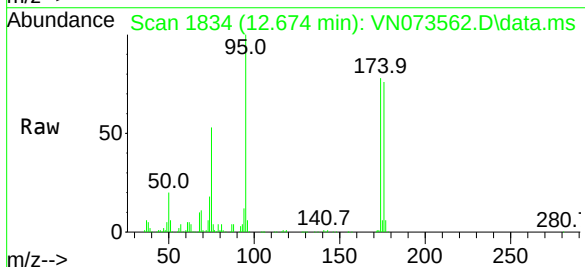
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2V

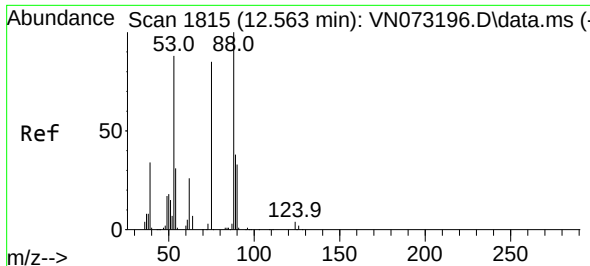
Tgt Ion:152 Resp: 207470
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.9 86.7
 150 154.1 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 19.823 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.142 min
 Lab File: VN073562.D
 Acq: 21 Jul 2022 17:59

Tgt Ion: 75 Resp: 107536
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#

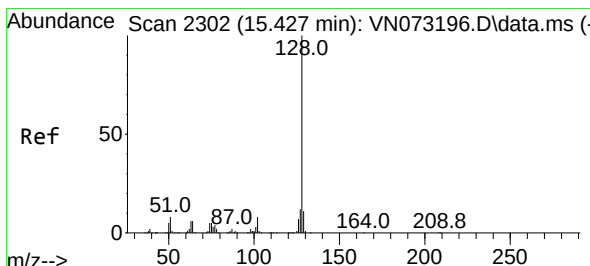
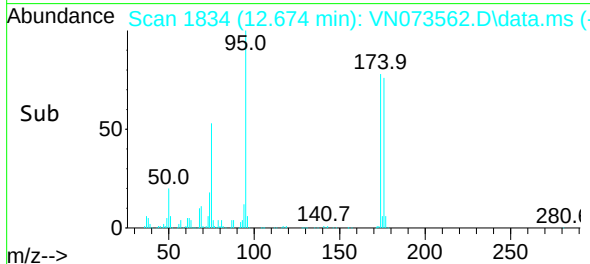
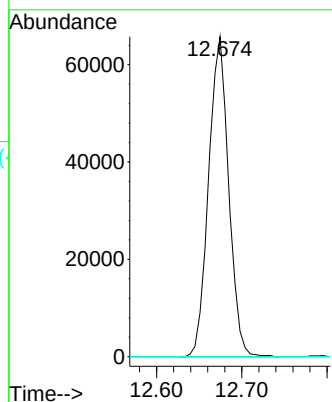
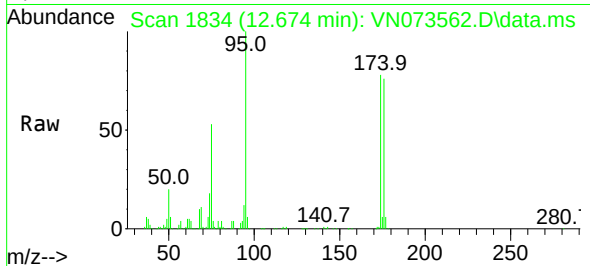




#81
trans-1,4-Dichloro-2-butene
Concen: 54.363 ug/l
RT: 12.674 min Scan# 1815
Delta R.T. 0.111 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

Instrument :
MSVOA_N
ClientSampleId :
MW-2V

Tgt Ion: 75 Resp: 107536
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 0.321 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.012 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

Tgt Ion: 128 Resp: 5138
Ion Ratio Lower Upper
128 100
127 11.4 10.3 15.5
129 12.1 8.6 13.0

