

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072122\
 Data File : VN073566.D
 Acq On : 21 Jul 2022 19:38
 Operator : JC\MD
 Sample : N3771-05 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11F

Quant Time: Jul 22 08:02:26 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)

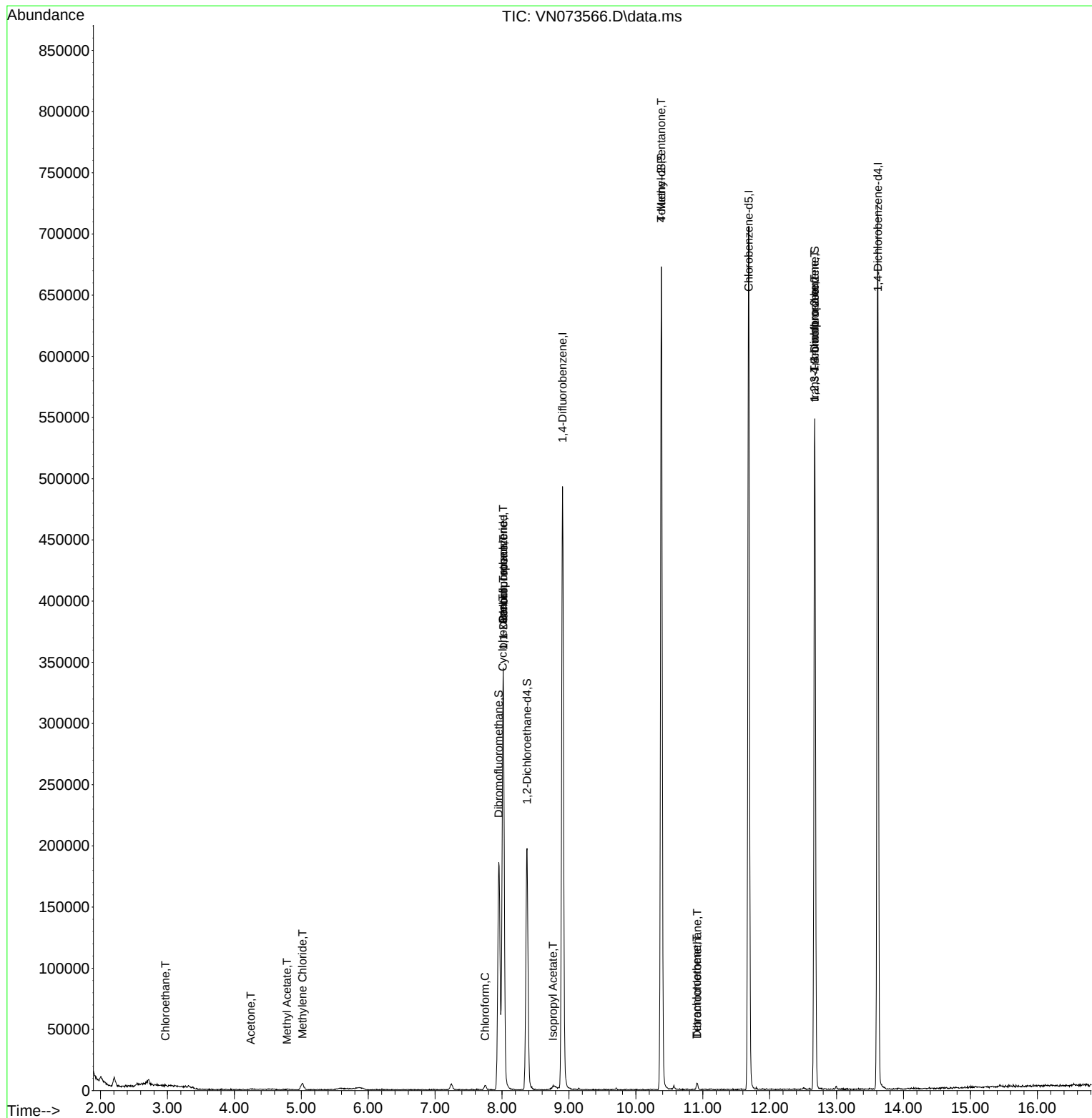
Internal Standards						
1) Pentafluorobenzene	8.016	168	260956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	427055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	394490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	188016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	160388	42.575	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.140%		
35) Dibromofluoromethane	7.951	113	136182	47.930	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.860%		
50) Toluene-d8	10.381	98	450342	44.627	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.260%		
62) 4-Bromofluorobenzene	12.674	95	184945	47.691	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.380%		
Target Compounds						
					Qvalue	
6) Chloroethane	2.969	64	737	0.398	ug/l #	42
16) Acetone	4.246	43	1038	0.491	ug/l #	42
18) Methyl Acetate	4.787	43	1370	0.231	ug/l #	48
20) Methylene Chloride	5.016	84	4012	1.080	ug/l	93
30) Chloroform	7.745	83	3493	0.555	ug/l	92
31) Cyclohexane	8.010	56	5607	0.909	ug/l #	14
36) 1,1-Dichloropropene	8.022	75	22073	5.049	ug/l #	49
38) Carbon Tetrachloride	8.016	117	26040	5.760	ug/l #	16
43) Isopropyl Acetate	8.763	43	2799	0.295	ug/l #	53
51) 4-Methyl-2-Pentanone	10.381	43	2817	0.468	ug/l #	1
60) Dibromochloromethane	10.916	129	1057	0.323	ug/l #	11
64) Tetrachloroethene	10.910	164	1180	0.366	ug/l #	82
76) 1,2,3-Trichloropropane	12.669	75	99717	20.283	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	99717	55.626	ug/l #	10

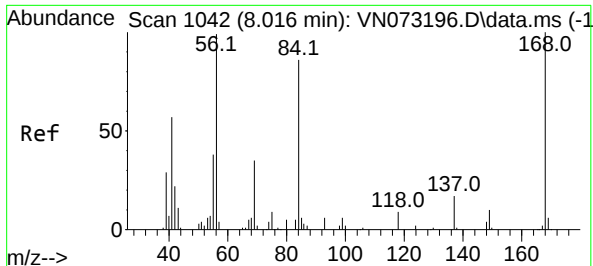
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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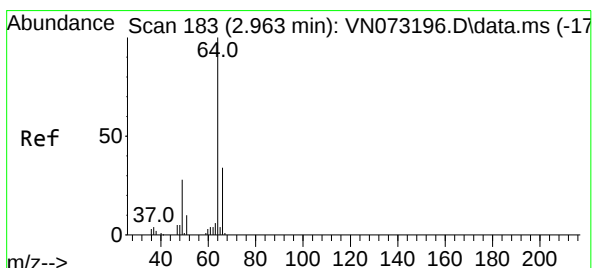
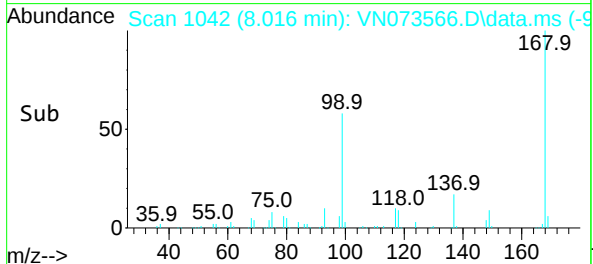
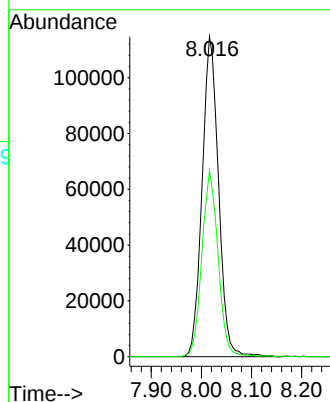
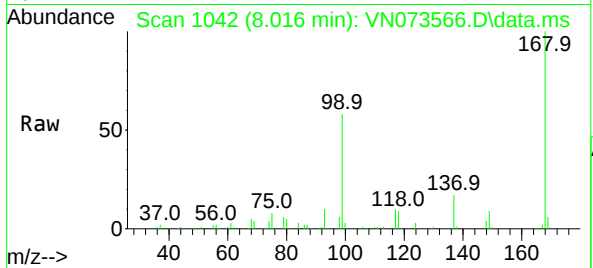




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

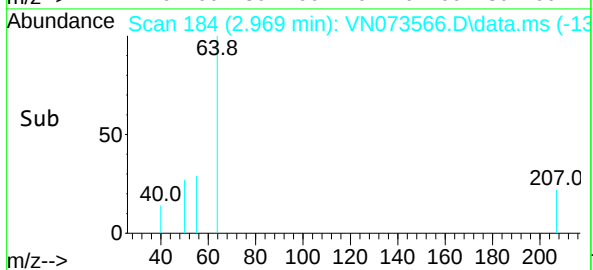
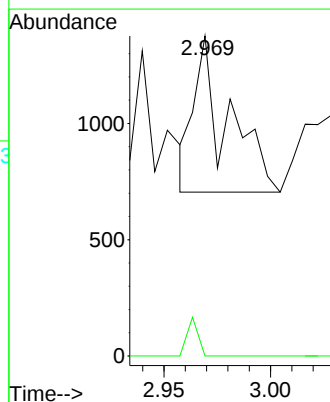
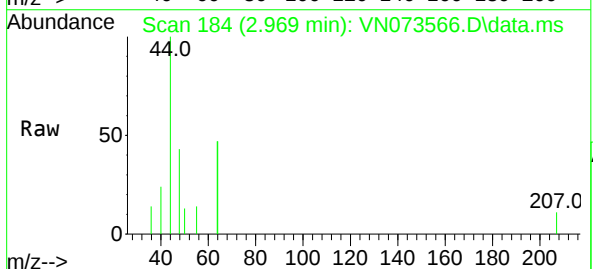
Instrument :
MSVOA_N
ClientSampleId :
MW-11F

Tgt Ion:168 Resp: 260956
Ion Ratio Lower Upper
168 100
99 58.2 42.3 63.5



#6
Chloroethane
Concen: 0.398 ug/l
RT: 2.969 min Scan# 184
Delta R.T. 0.006 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

Tgt Ion: 64 Resp: 737
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

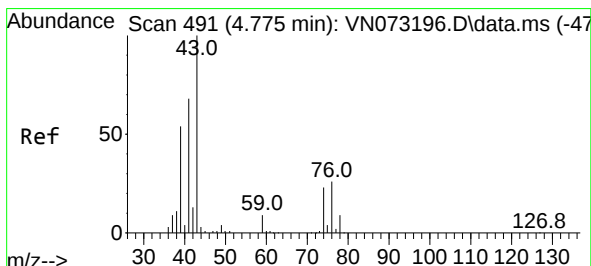
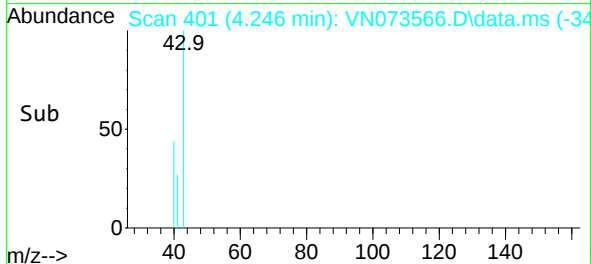
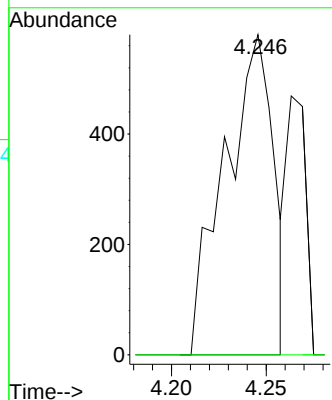
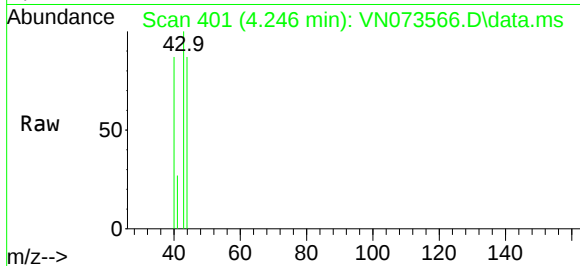




#16
Acetone
Concen: 0.491 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

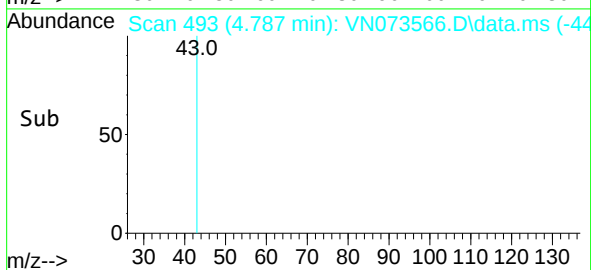
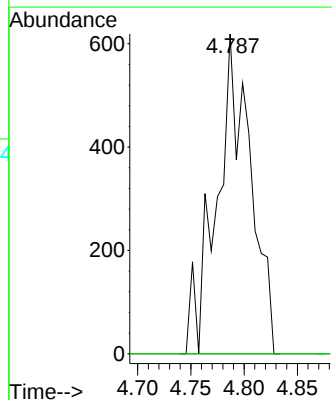
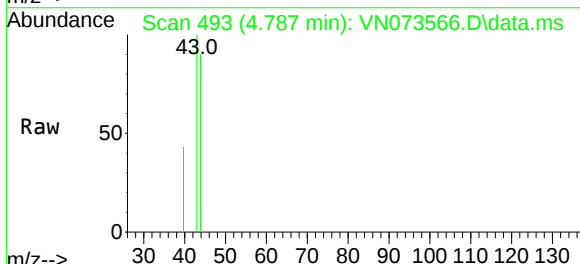
Instrument :
MSVOA_N
ClientSampleId :
MW-11F

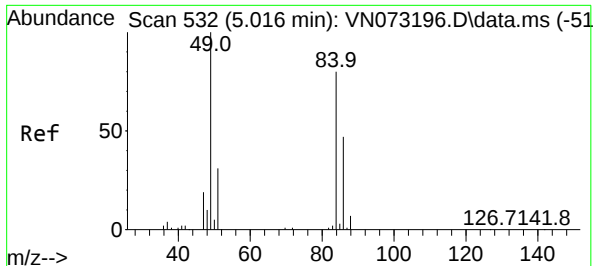
Tgt Ion: 43 Resp: 1038
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#18
Methyl Acetate
Concen: 0.231 ug/l
RT: 4.787 min Scan# 493
Delta R.T. 0.012 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

Tgt Ion: 43 Resp: 1370
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



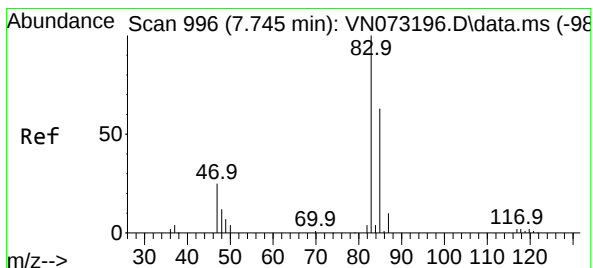
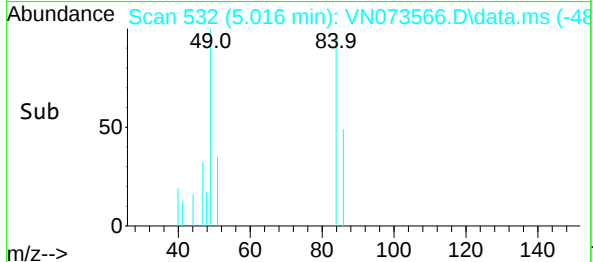
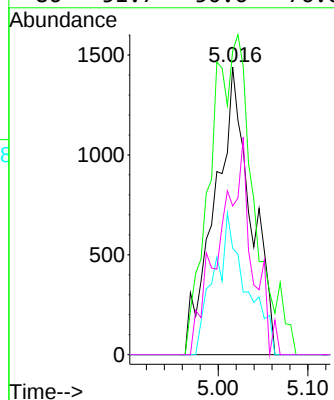
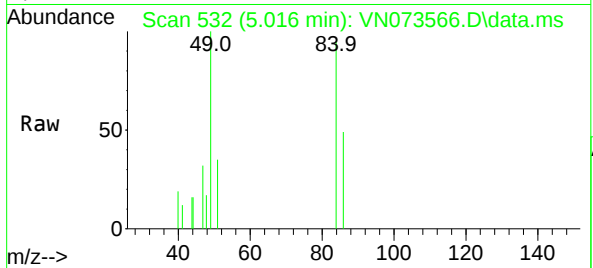


#20
Methylene Chloride
Concen: 1.080 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

Instrument :
MSVOA_N
ClientSampleId :
MW-11F

Tgt Ion: 84 Resp: 4012

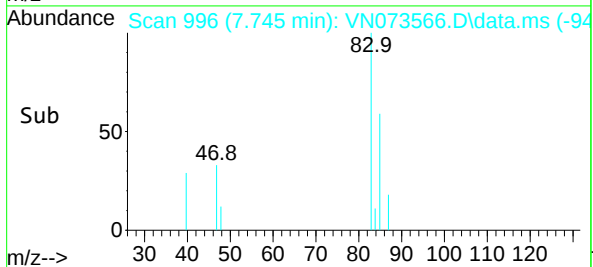
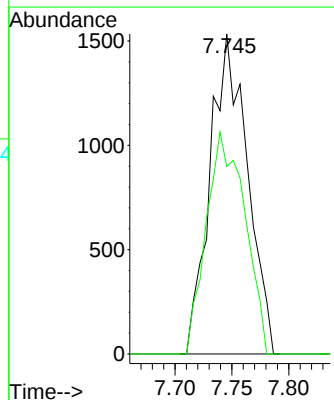
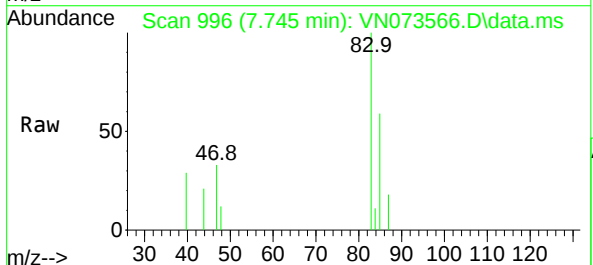
Ion	Ratio	Lower	Upper
84	100		
49	105.7	88.3	132.5
51	37.0	28.2	42.2
86	51.7	50.6	76.0

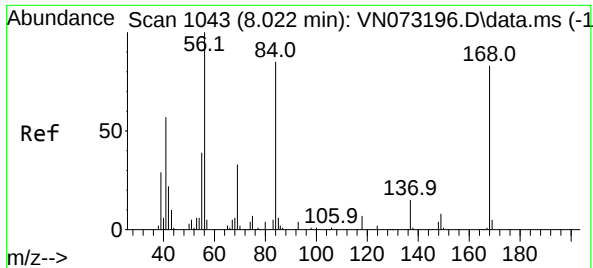


#30
Chloroform
Concen: 0.555 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

Tgt Ion: 83 Resp: 3493

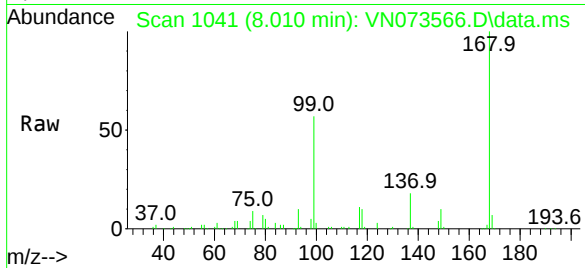
Ion	Ratio	Lower	Upper
83	100		
85	58.6	51.8	77.8



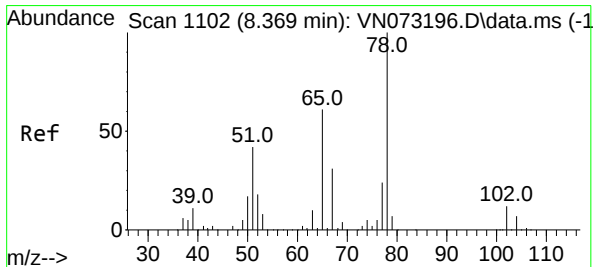
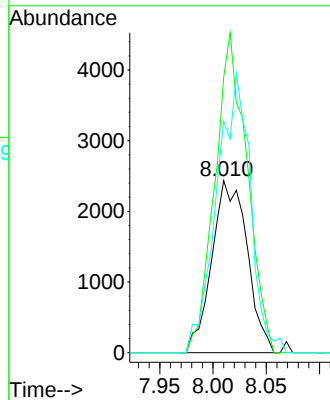
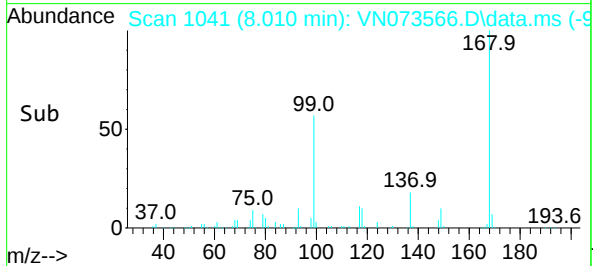


#31
Cyclohexane
Concen: 0.909 ug/l
RT: 8.010 min Scan# 1103
Delta R.T. -0.012 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

Instrument :
MSVOA_N
ClientSampleId :
MW-11F

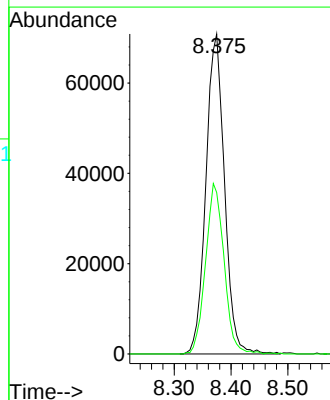
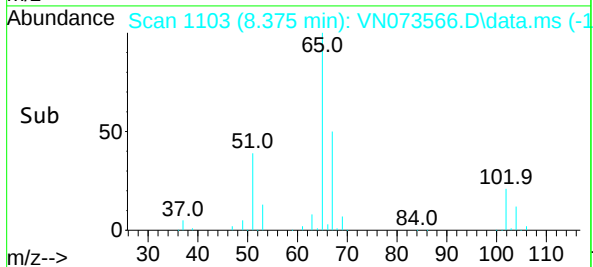
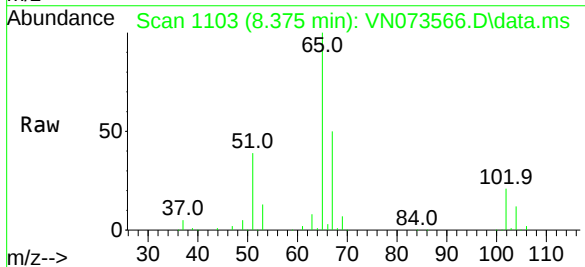


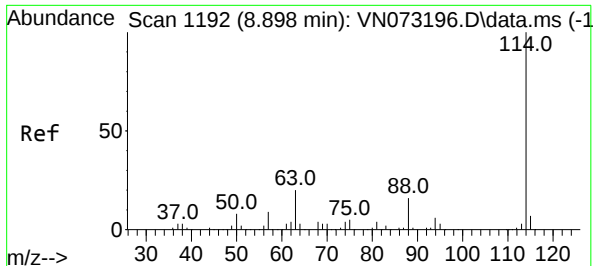
Tgt Ion: 56 Resp: 5607
Ion Ratio Lower Upper
56 100
69 160.3 27.8 41.8#
84 134.5 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 42.575 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

Tgt Ion: 65 Resp: 160388
Ion Ratio Lower Upper
65 100
67 53.1 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: VN073566.D

Acq: 21 Jul 2022 19:38

Instrument :

MSVOA_N

ClientSampleId :

MW-11F

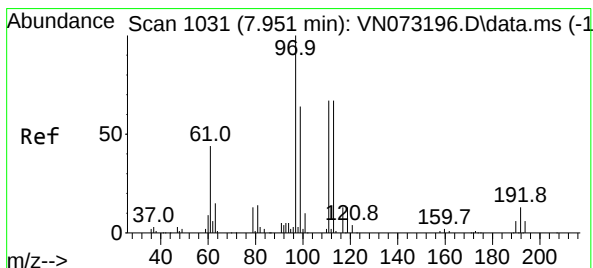
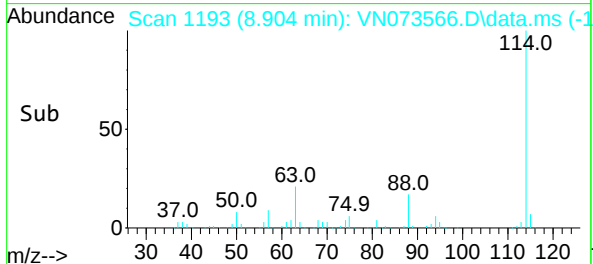
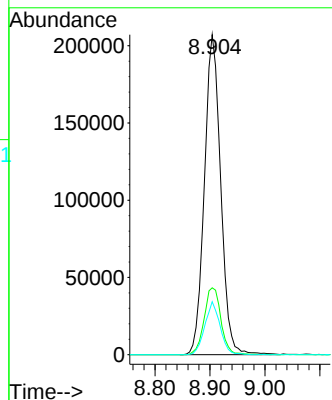
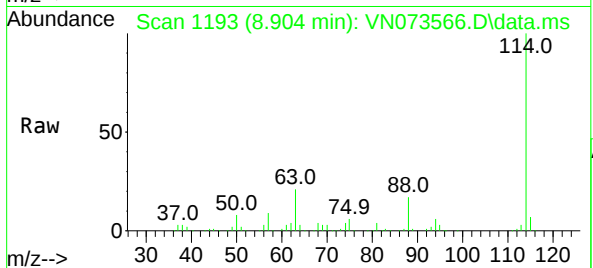
Tgt Ion:114 Resp: 427055

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

88 16.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.930 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073566.D

Acq: 21 Jul 2022 19:38

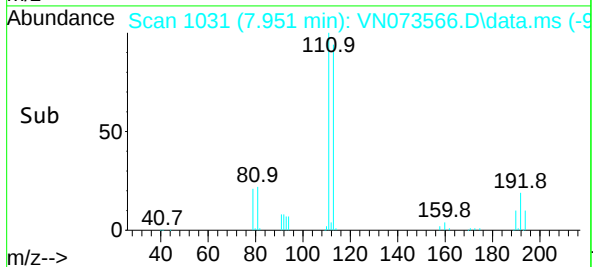
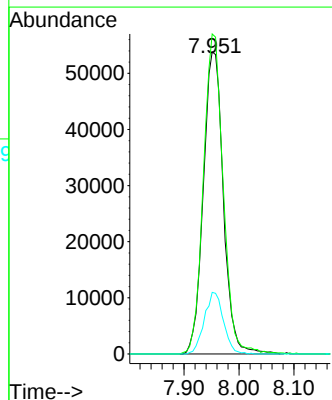
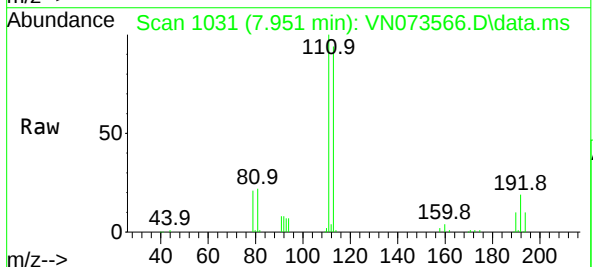
Tgt Ion:113 Resp: 136182

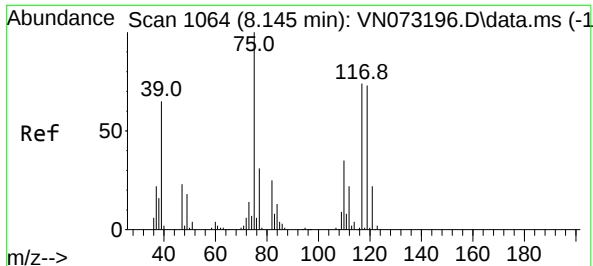
Ion Ratio Lower Upper

113 100

111 104.8 81.4 122.0

192 19.5 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.049 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.123 min

Lab File: VN073566.D

Acq: 21 Jul 2022 19:38

Instrument :

MSVOA_N

ClientSampleId :

MW-11F

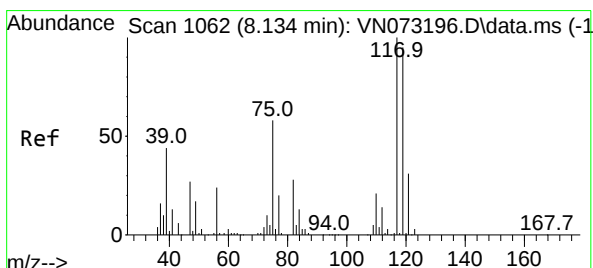
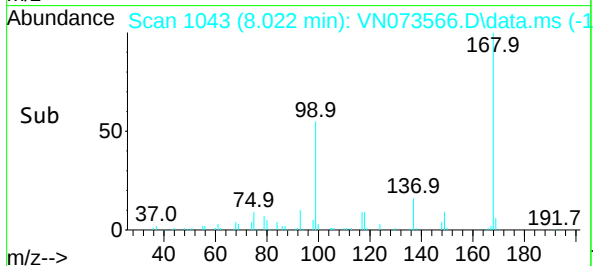
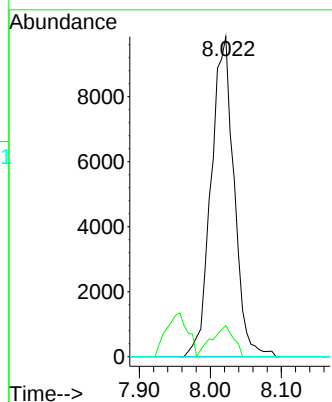
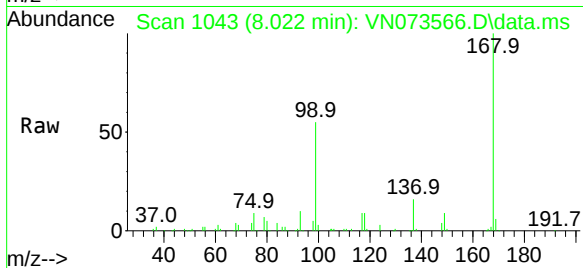
Tgt Ion: 75 Resp: 22073

Ion Ratio Lower Upper

75 100

110 9.3 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.760 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073566.D

Acq: 21 Jul 2022 19:38

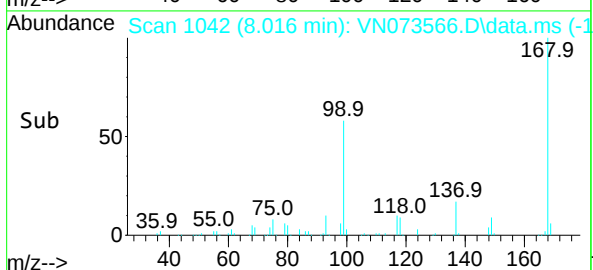
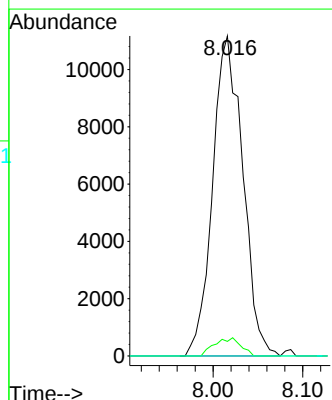
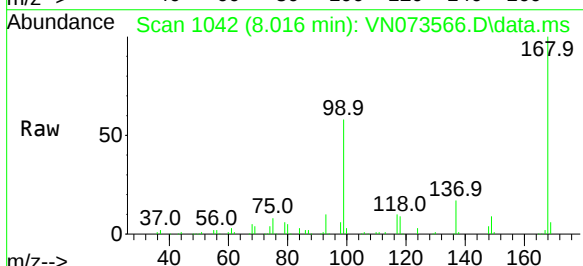
Tgt Ion: 117 Resp: 26040

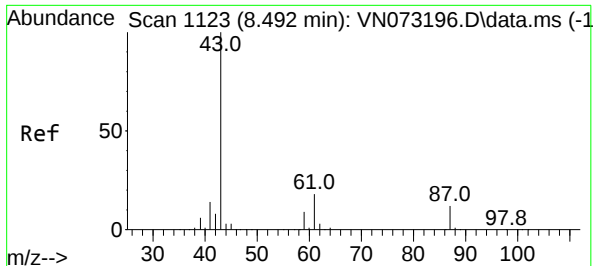
Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.8#

121 0.0 24.6 37.0#

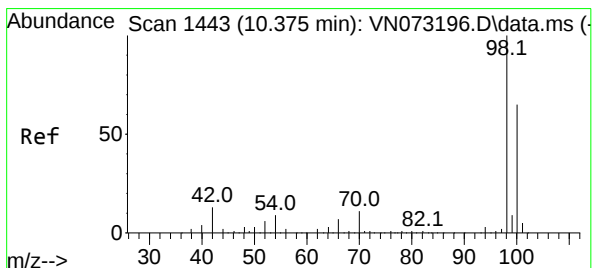
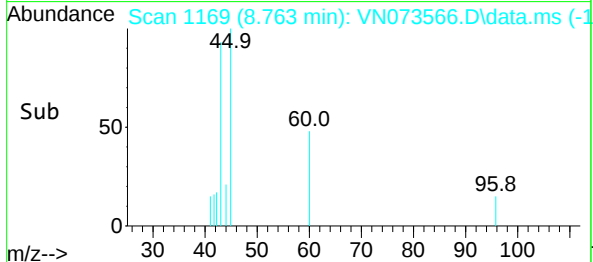
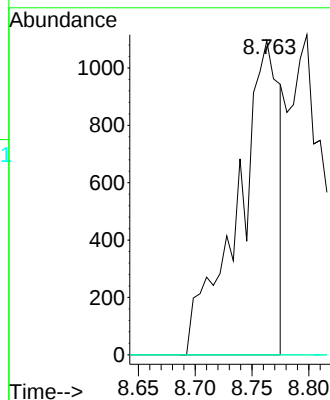
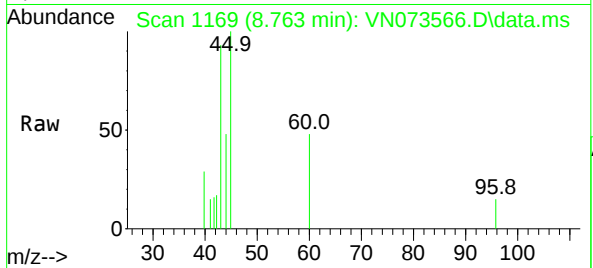




#43
Isopropyl Acetate
Concen: 0.295 ug/l
RT: 8.763 min Scan# 1123
Delta R.T. 0.271 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

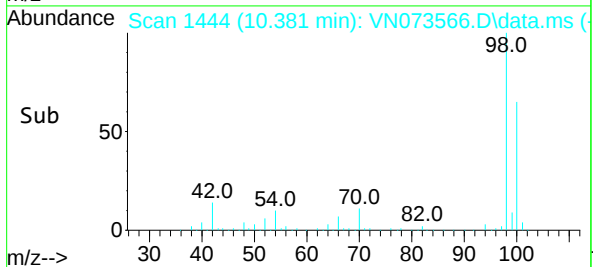
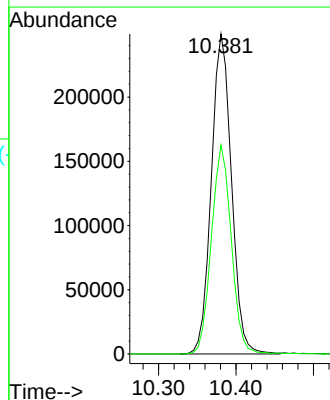
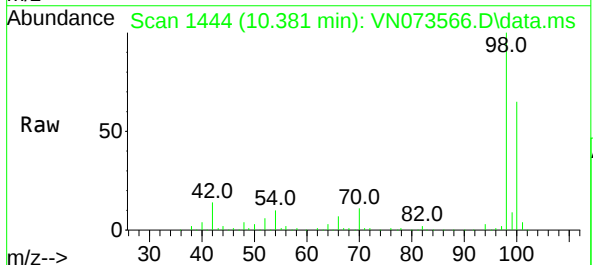
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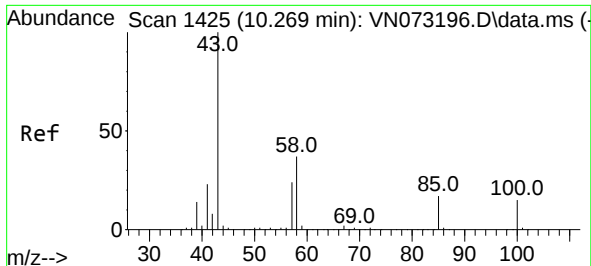
Tgt Ion: 43 Resp: 2799
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 44.627 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

Tgt Ion: 98 Resp: 450342
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

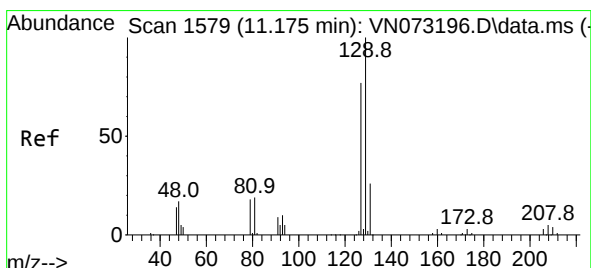
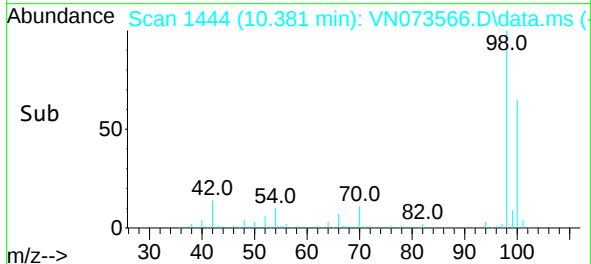
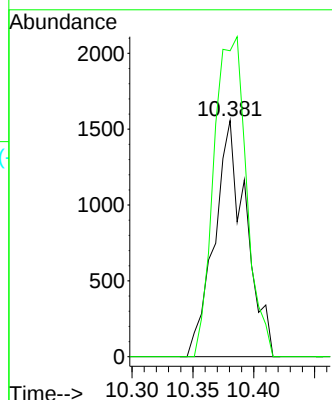
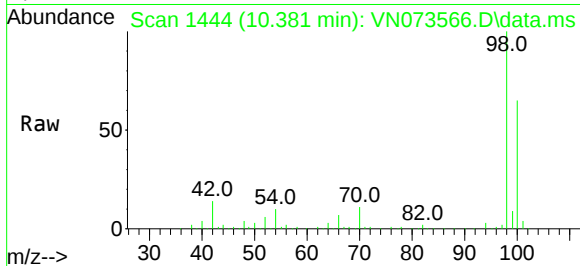




#51
4-Methyl-2-Pentanone
Concen: 0.468 ug/l
RT: 10.381 min Scan# 14
Delta R.T. 0.111 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

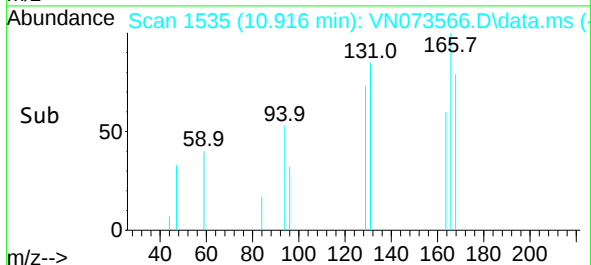
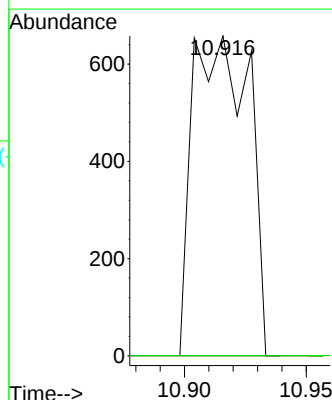
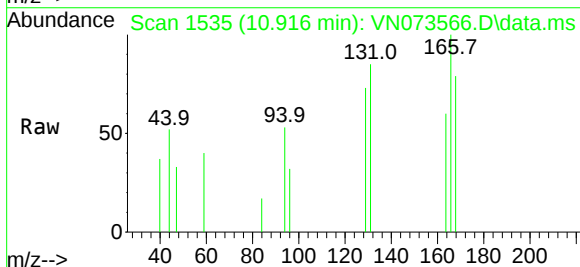
Instrument :
MSVOA_N
ClientSampleId :
MW-11F

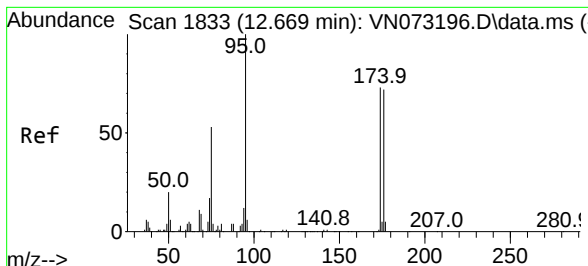
Tgt Ion: 43 Resp: 2817
Ion Ratio Lower Upper
43 100
58 139.7 34.1 51.1#



#60
Dibromochloromethane
Concen: 0.323 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.259 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

Tgt Ion: 129 Resp: 1057
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

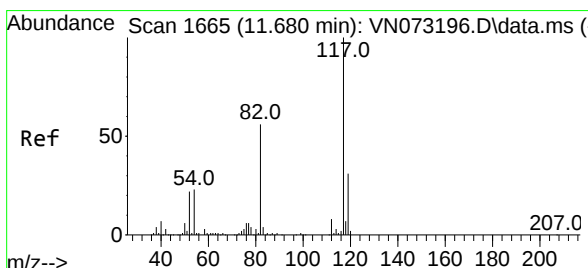
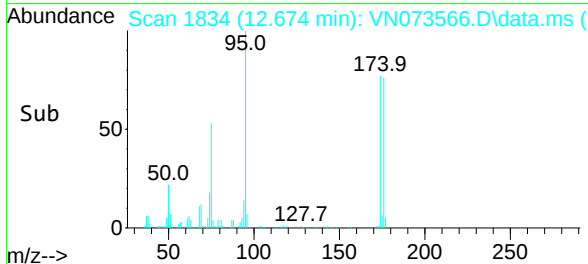
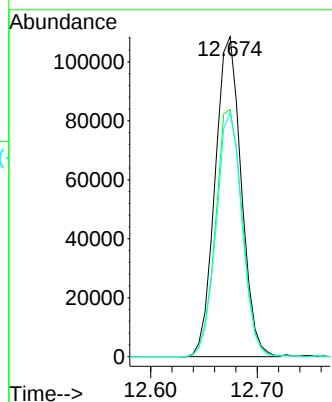
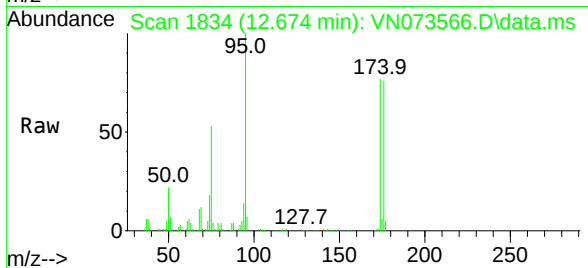




#62
4-Bromofluorobenzene
Concen: 47.691 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

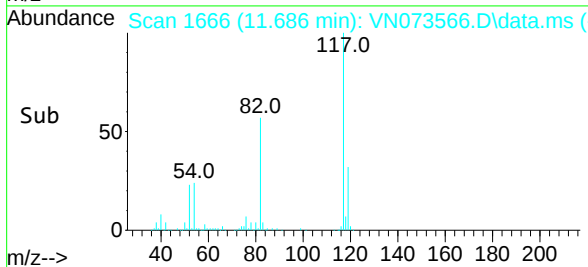
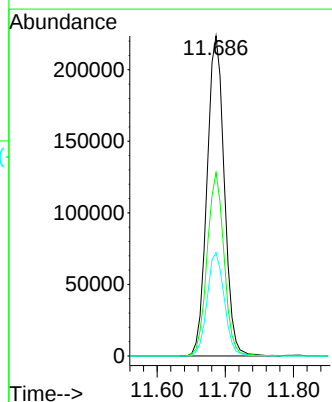
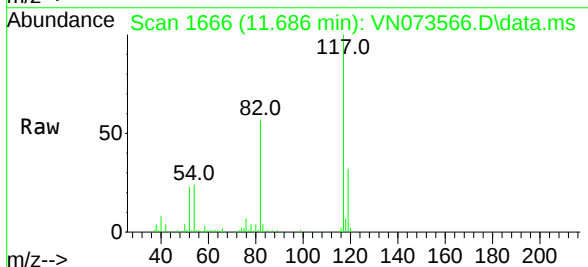
Instrument :
MSVOA_N
ClientSampleId :
MW-11F

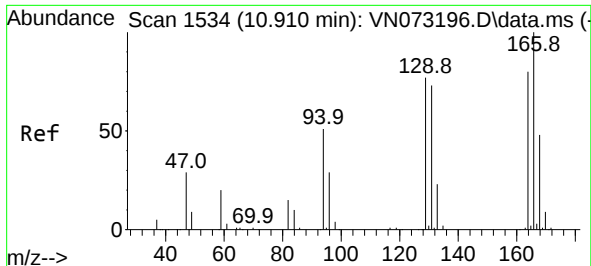
Tgt Ion: 95 Resp: 184945
Ion Ratio Lower Upper
95 100
174 78.8 0.0 167.6
176 75.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

Tgt Ion: 117 Resp: 394490
Ion Ratio Lower Upper
117 100
82 57.3 44.2 66.2
119 32.3 25.4 38.0

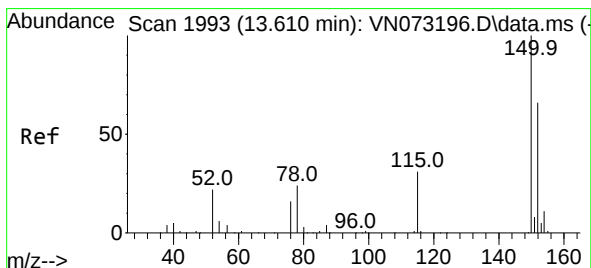
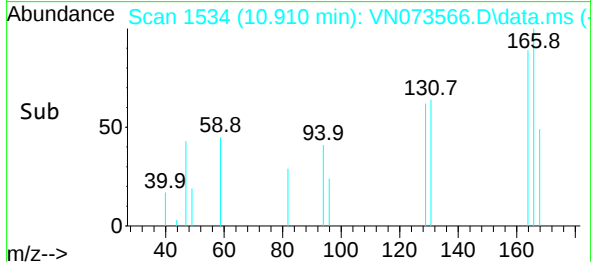
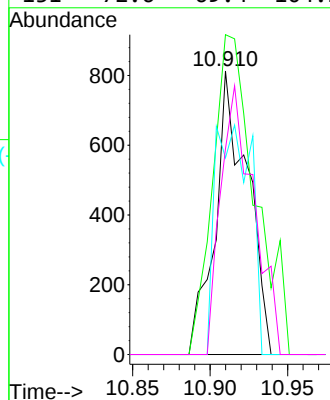
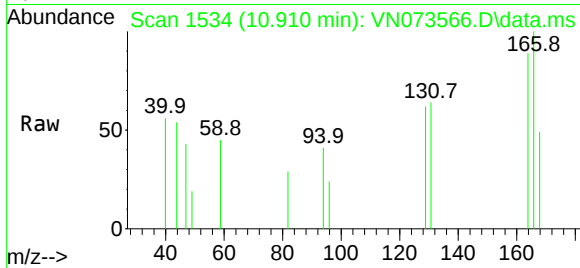




#64
Tetrachloroethene
Concen: 0.366 ug/l
RT: 10.910 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

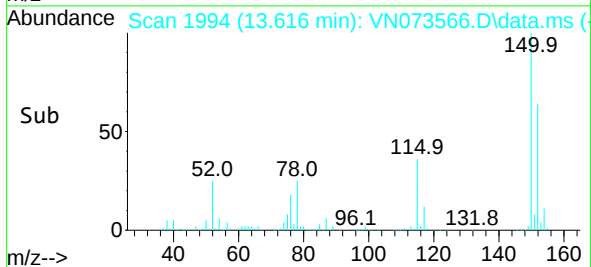
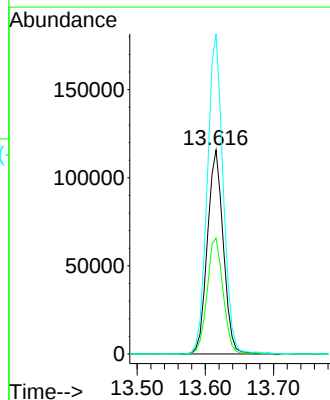
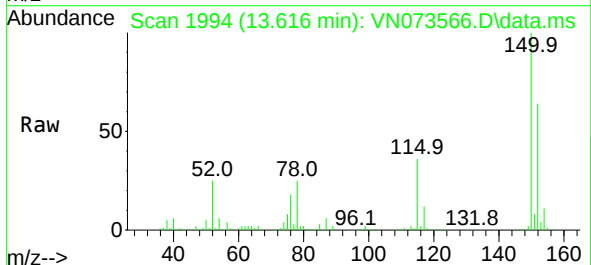
Instrument :
MSVOA_N
ClientSampleId :
MW-11F

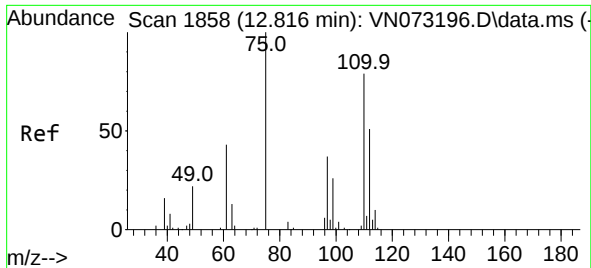
Tgt Ion:164 Resp: 1180
Ion Ratio Lower Upper
164 100
166 112.8 104.2 156.2
129 69.4 73.9 110.9#
131 72.6 69.4 104.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

Tgt Ion:152 Resp: 188016
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.7
150 156.6 0.0 356.2

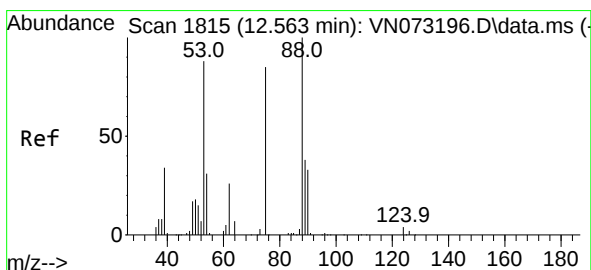
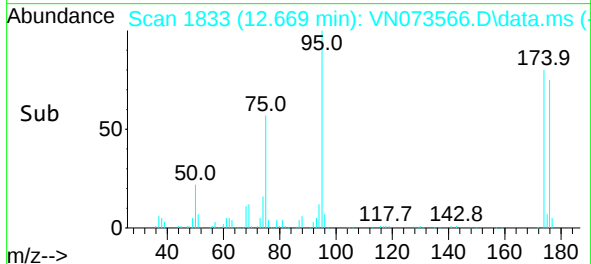
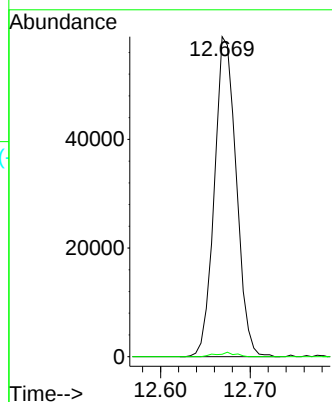
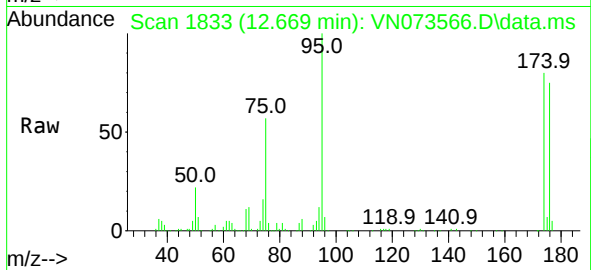




#76
1,2,3-Trichloropropane
Concen: 20.283 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

Instrument :
MSVOA_N
ClientSampleId :
MW-11F

Tgt Ion: 75 Resp: 99717
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.626 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

Tgt Ion: 75 Resp: 99717
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

