

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072454.D
 Acq On : 12 May 2022 15:44
 Operator : JC\MD
 Sample : N2800-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Quant Time: May 13 02:45:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

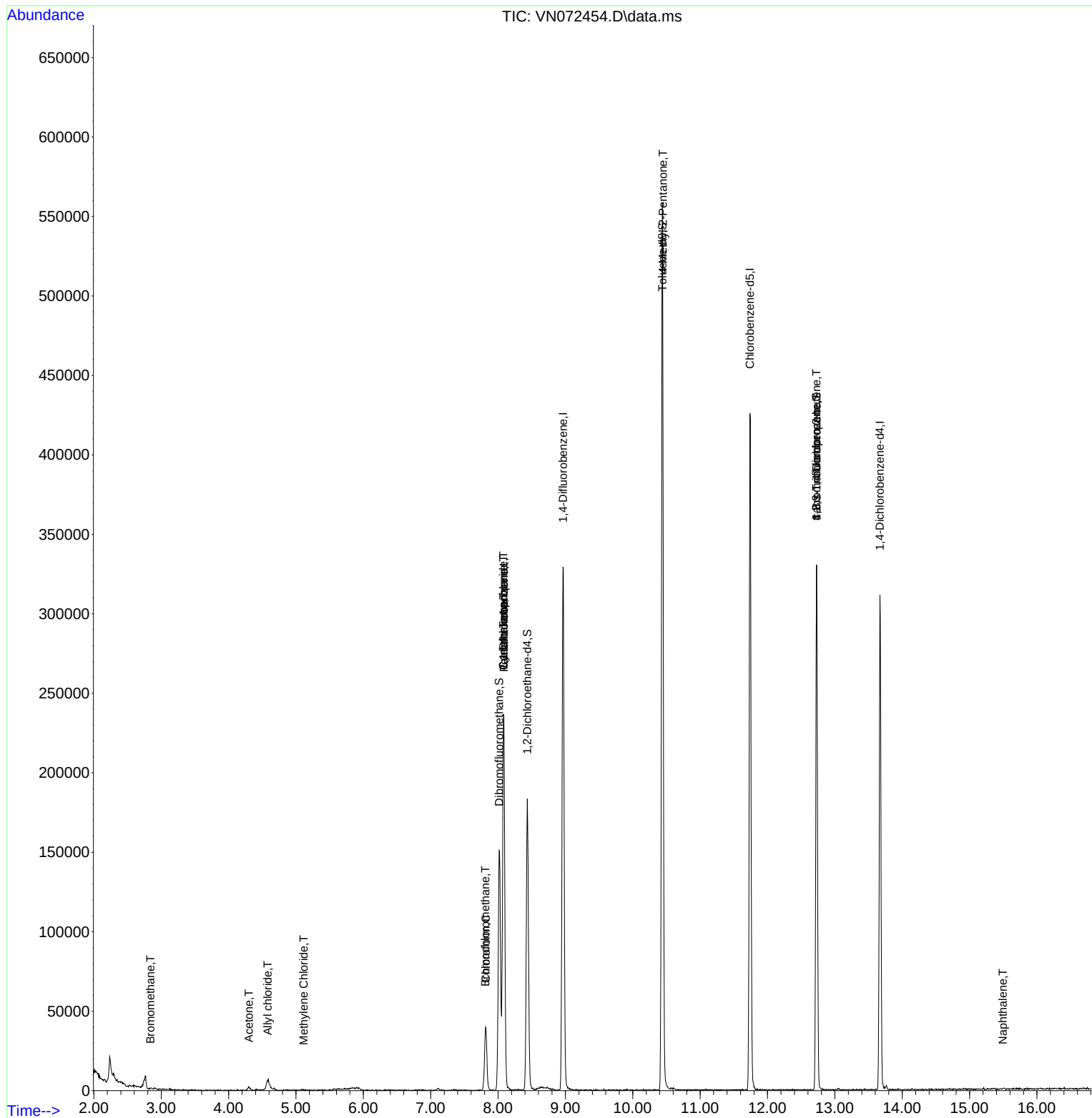
Internal Standards						
1) Pentafluorobenzene	8.086	168	172678	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	283412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	242703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	84286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	164600	62.234	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 124.460%	
35) Dibromofluoromethane	8.016	113	109902	58.287	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 116.580%	
50) Toluene-d8	10.439	98	376519	52.432	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.860%	
62) 4-Bromofluorobenzene	12.727	95	110819	46.468	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 92.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	816	Below Cal	#	43
5) Bromomethane	2.840	94	415	0.380	ug/l #	2
6) Chloroethane	3.028	64	436	Below Cal	#	42
14) Allyl chloride	4.581	41	850	0.263	ug/l #	60
16) Acetone	4.298	43	2711	2.588	ug/l #	88
20) Methylene Chloride	5.116	84	543	0.253	ug/l #	43
28) Bromochloromethane	7.810	49	3112	1.976	ug/l #	8
30) Chloroform	7.816	83	39191	10.384	ug/l	99
31) Cyclohexane	8.081	56	4104	1.171	ug/l #	58
36) 1,1-Dichloropropene	8.081	75	15053	5.558	ug/l #	50
38) Carbon Tetrachloride	8.081	117	19128	6.311	ug/l #	15
51) 4-Methyl-2-Pentanone	10.445	43	1640	0.529	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	61197	27.838	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	61197	92.868	ug/l #	10
95) Naphthalene	15.492	128	406	3.271	ug/l #	69

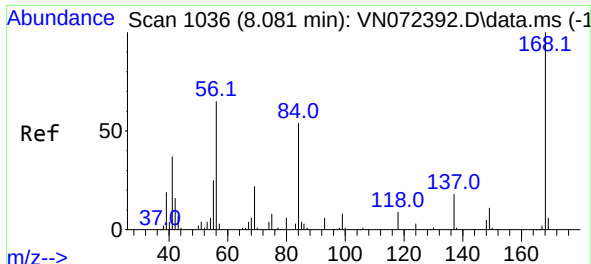
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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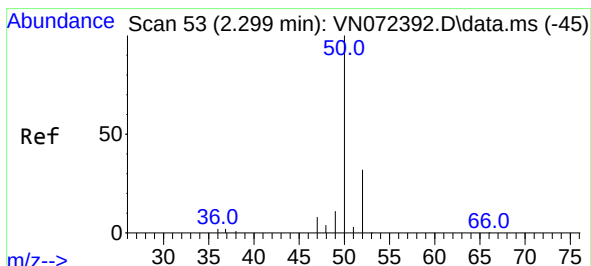
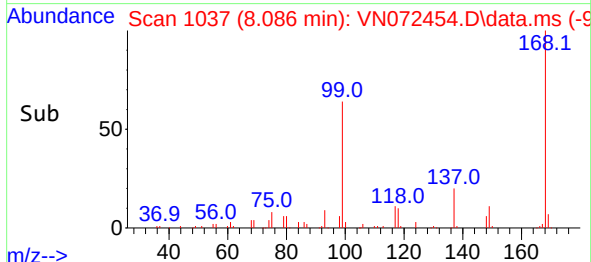
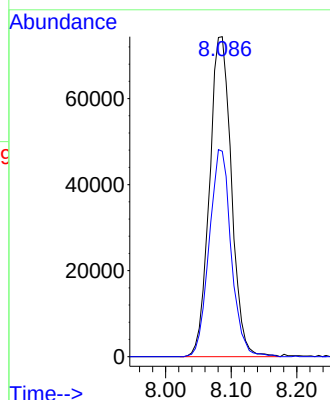
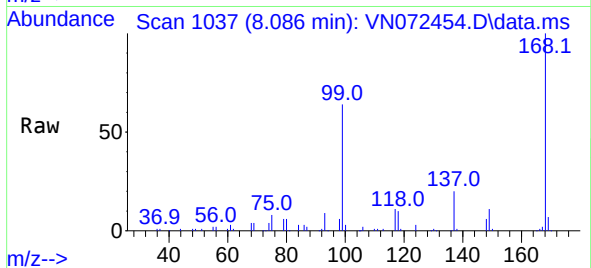




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

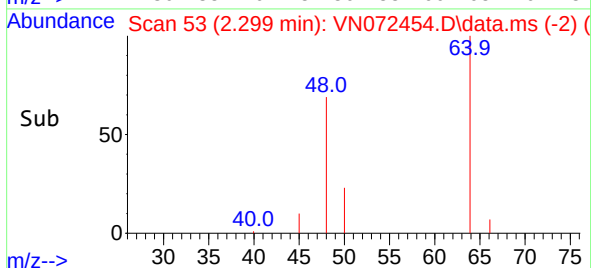
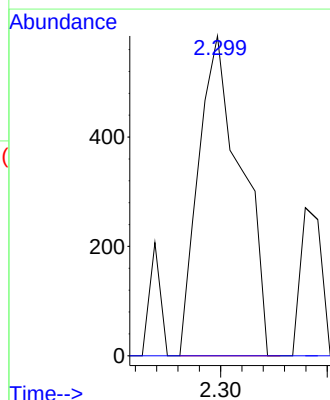
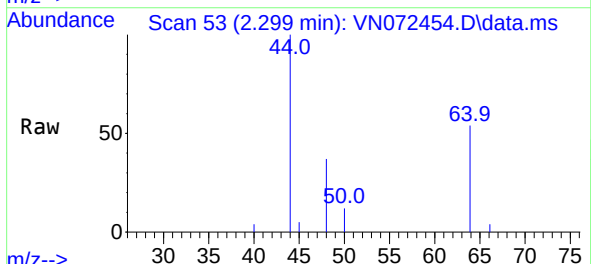
Instrument :
MSVOA_N
ClientSampleId :
MW-14

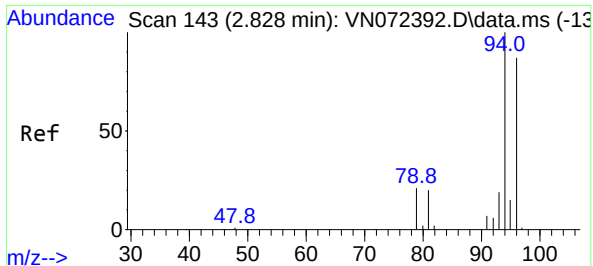
Tgt Ion:168 Resp: 172678
Ion Ratio Lower Upper
168 100
99 64.2 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

Tgt Ion: 50 Resp: 816
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

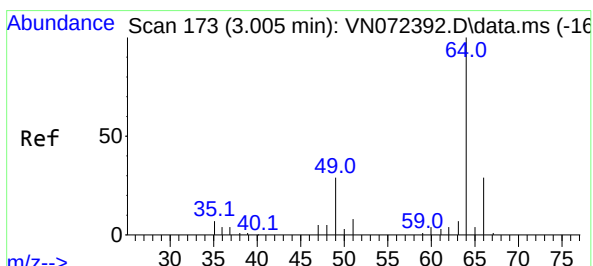
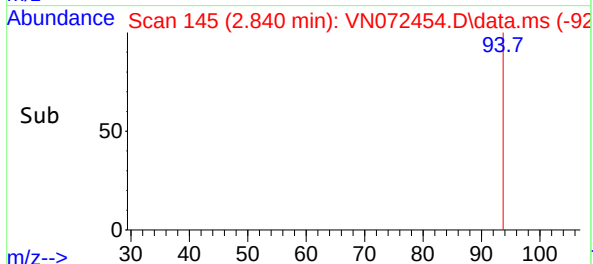
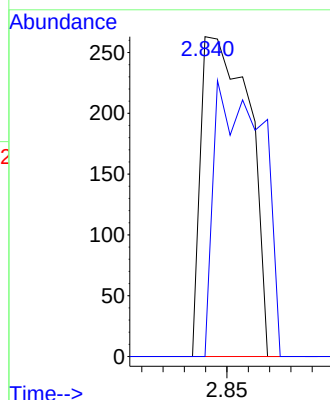
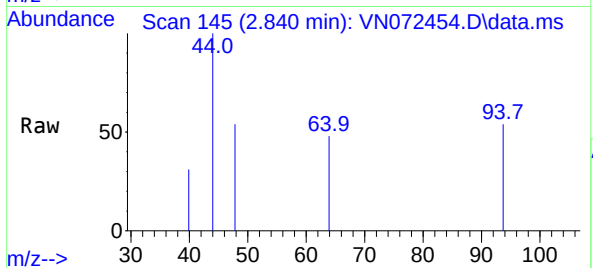




#5
Bromomethane
Concen: 0.380 ug/l
RT: 2.840 min Scan# 14
Delta R.T. 0.012 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

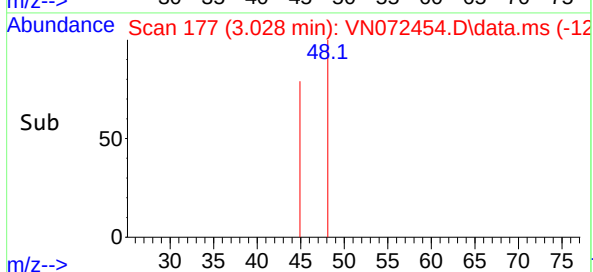
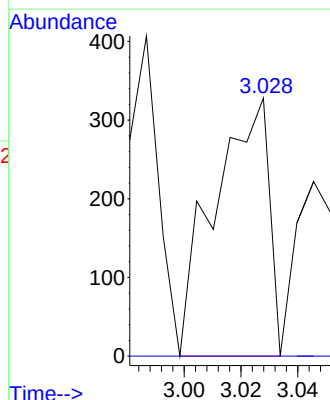
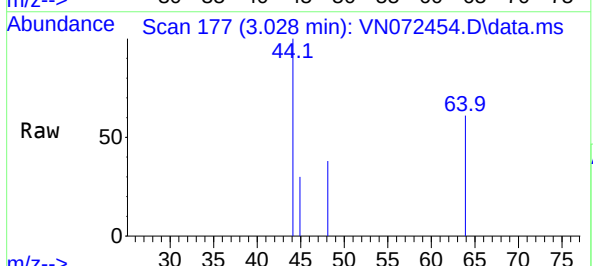
Instrument :
MSVOA_N
ClientSampleId :
MW-14

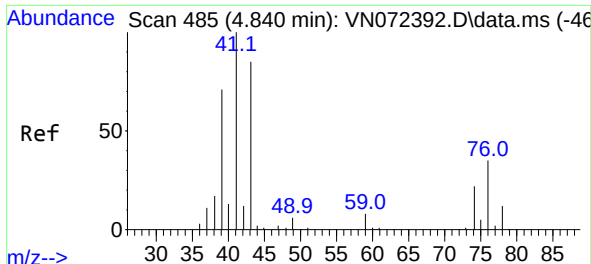
Tgt Ion: 94 Resp: 415
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 3.028 min Scan# 177
Delta R.T. 0.023 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

Tgt Ion: 64 Resp: 436
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

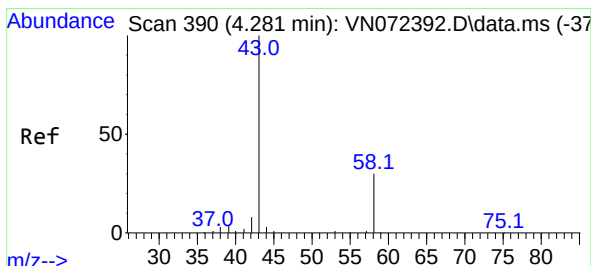
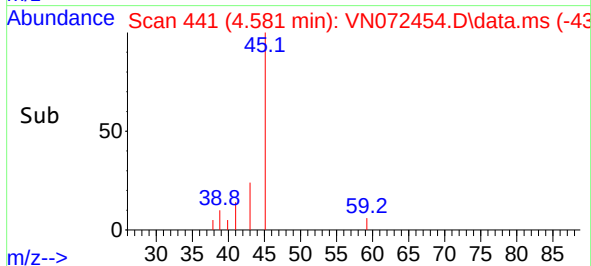
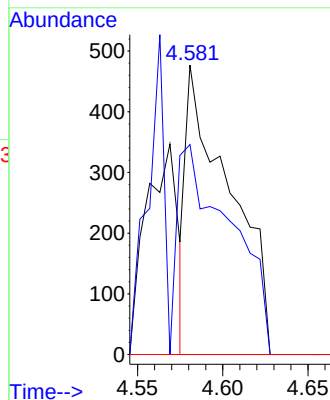
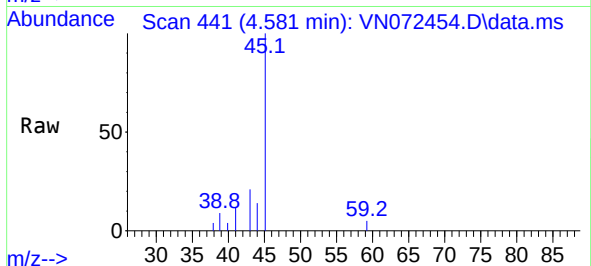




#14
Allyl chloride
Concen: 0.263 ug/l
RT: 4.581 min Scan# 41
Delta R.T. -0.259 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

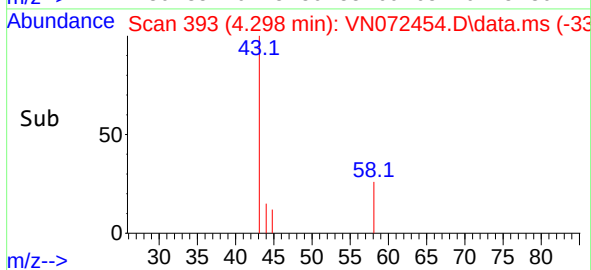
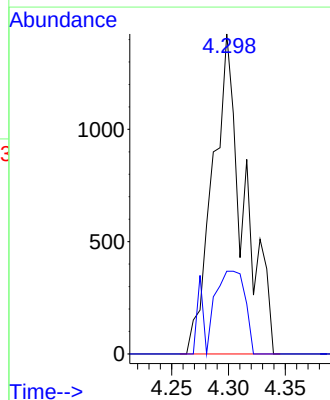
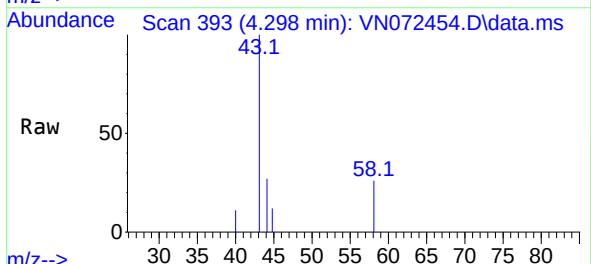
Instrument :
MSVOA_N
ClientSampleId :
MW-14

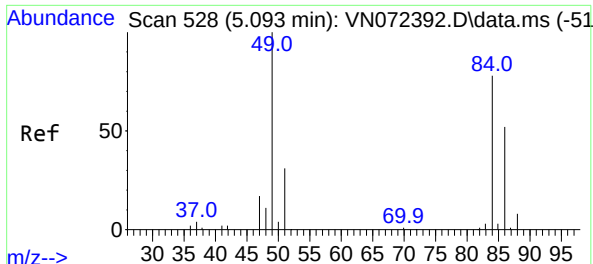
Tgt Ion: 41 Resp: 850
Ion Ratio Lower Upper
41 100
39 88.9 53.2 79.8#
76 0.0 29.9 44.9#



#16
Acetone
Concen: 2.588 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.017 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

Tgt Ion: 43 Resp: 2711
Ion Ratio Lower Upper
43 100
58 25.8 26.0 39.0#



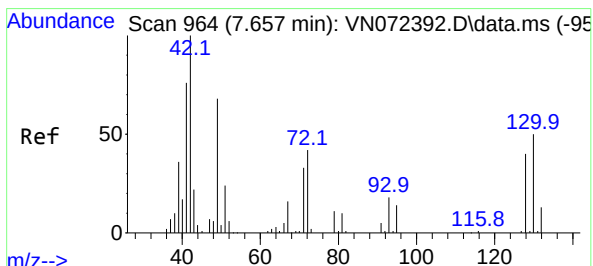
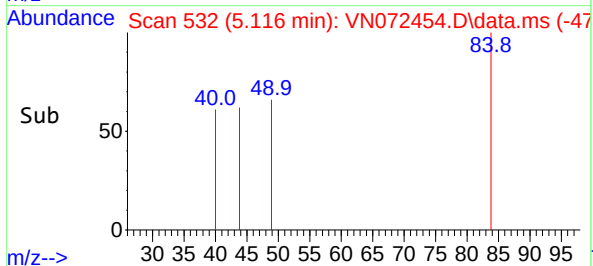
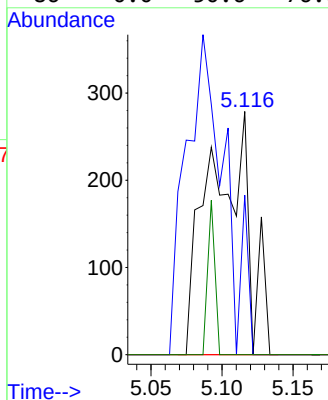
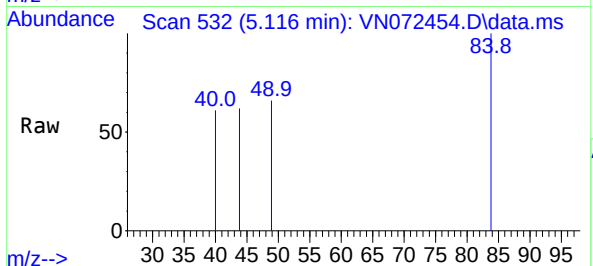


#20
Methylene Chloride
Concen: 0.253 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.023 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

Instrument :
MSVOA_N
ClientSampleId :
MW-14

Tgt Ion: 84 Resp: 543

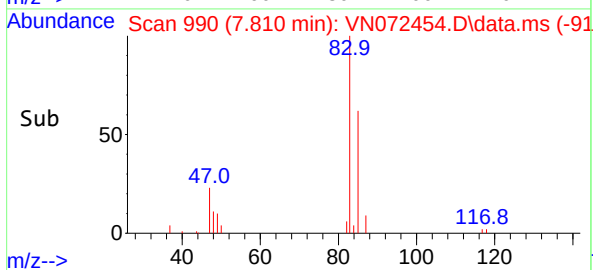
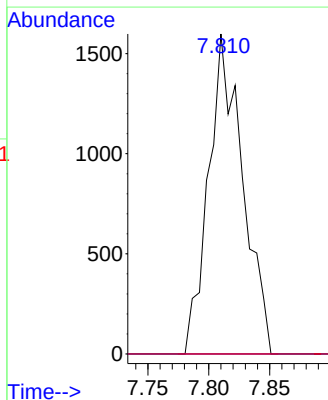
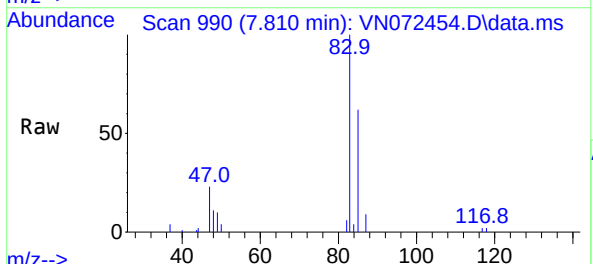
Ion	Ratio	Lower	Upper
84	100		
49	65.6	88.3	132.5#
51	0.0	28.2	42.2#
86	0.0	50.6	76.0#

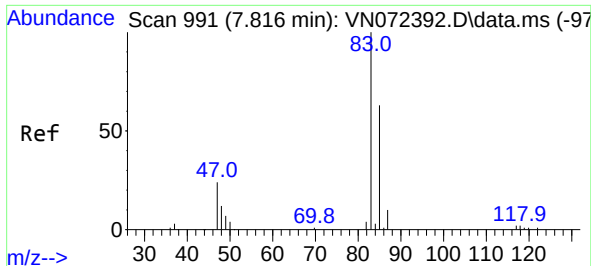


#28
Bromochloromethane
Concen: 1.976 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.153 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

Tgt Ion: 49 Resp: 3112

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	0.0	69.7	104.5#

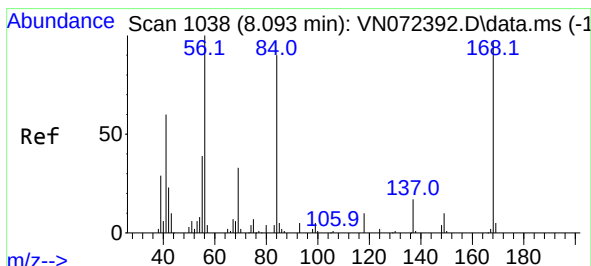
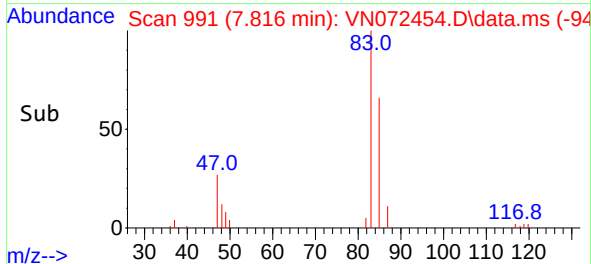
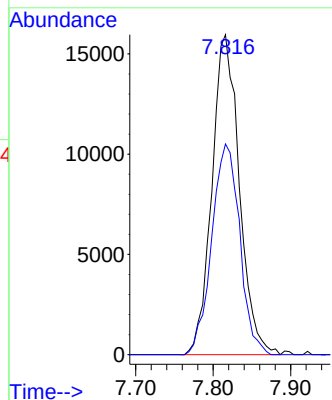
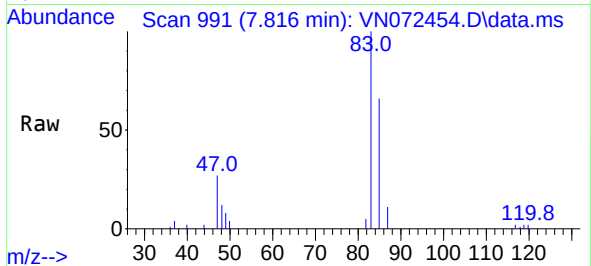




#30
Chloroform
Concen: 10.384 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

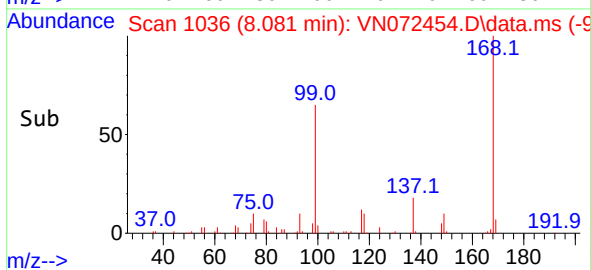
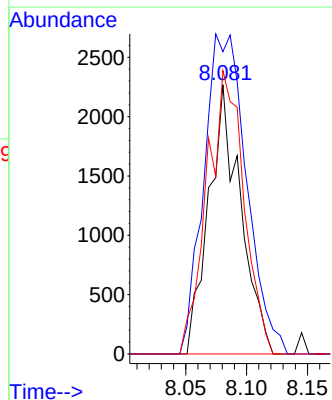
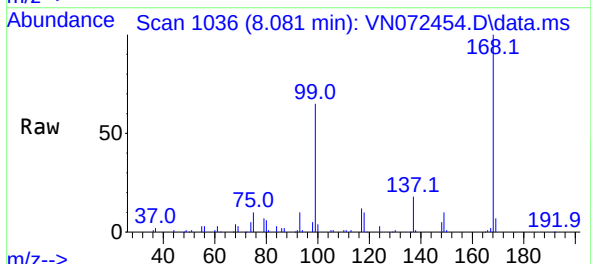
Instrument :
MSVOA_N
ClientSampleId :
MW-14

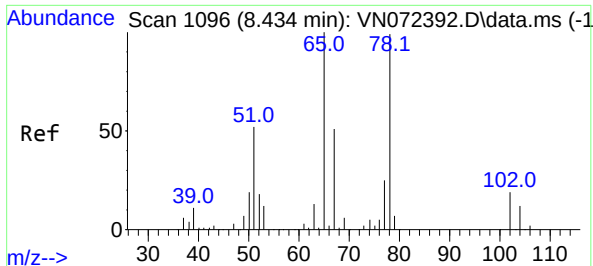
Tgt Ion: 83 Resp: 39191
Ion Ratio Lower Upper
83 100
85 65.9 51.8 77.8



#31
Cyclohexane
Concen: 1.171 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

Tgt Ion: 56 Resp: 4104
Ion Ratio Lower Upper
56 100
69 112.2 27.8 41.8#
84 105.2 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 62.234 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072454.D

Acq: 12 May 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

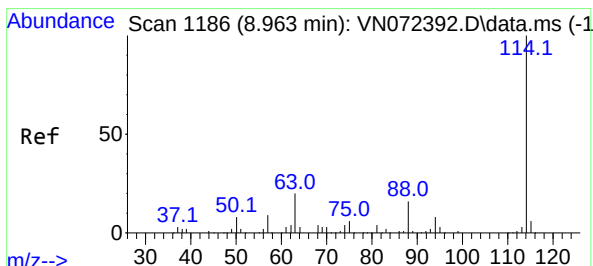
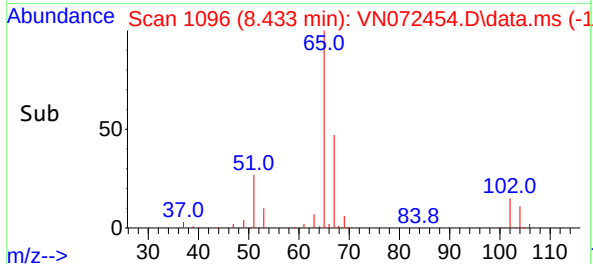
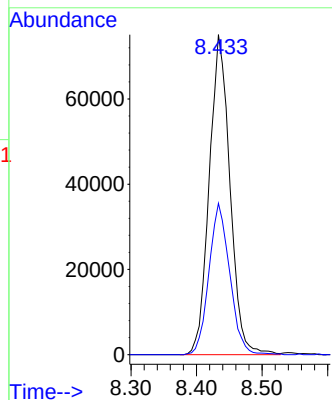
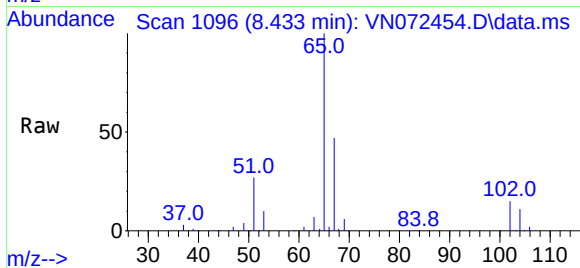
MW-14

Tgt Ion: 65 Resp: 164600

Ion Ratio Lower Upper

65 100

67 47.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072454.D

Acq: 12 May 2022 15:44

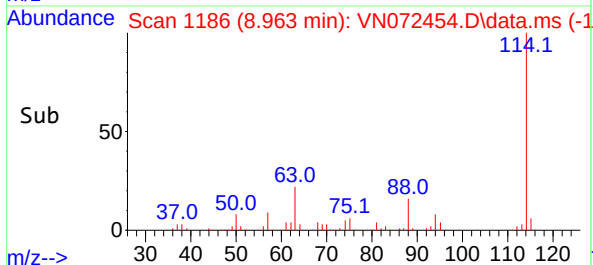
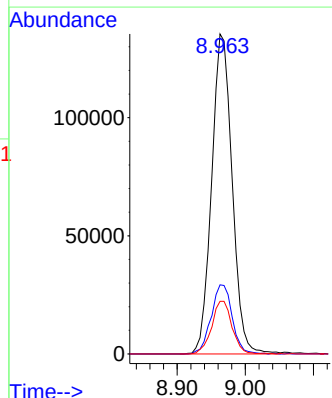
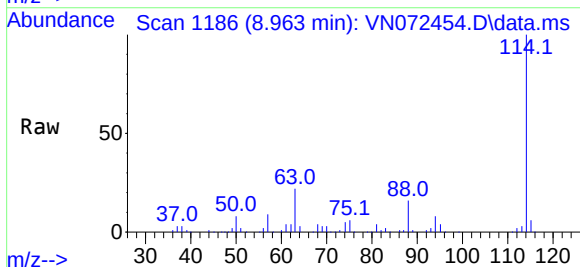
Tgt Ion: 114 Resp: 283412

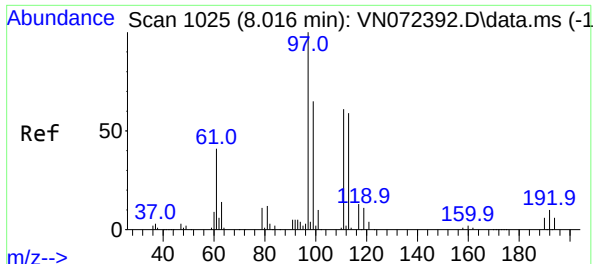
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 16.5 0.0 32.6

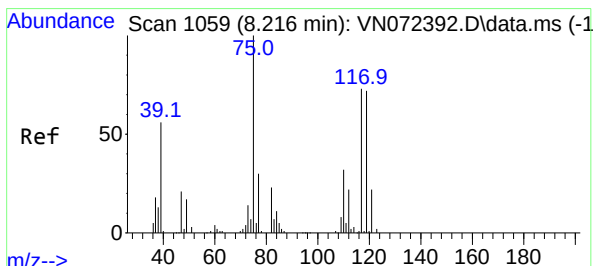
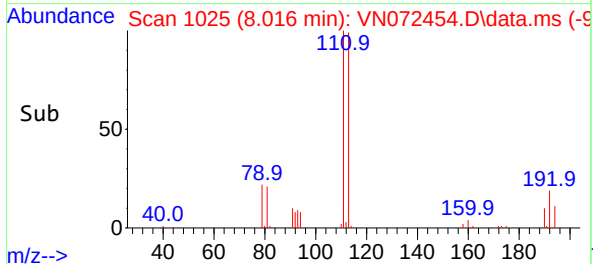
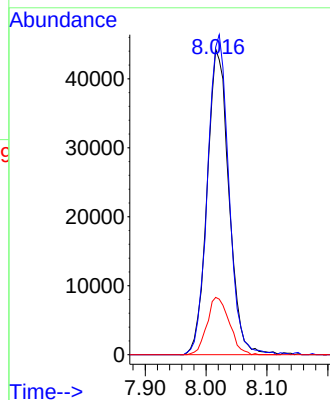
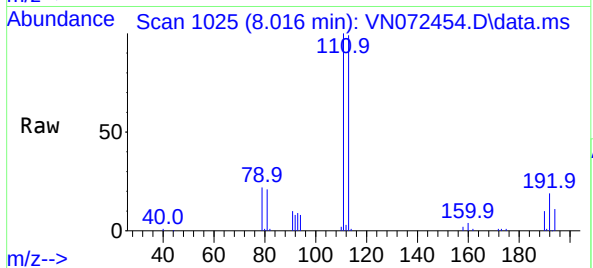




#35
Dibromofluoromethane
Concen: 58.287 ug/l
RT: 8.016 min Scan# 109902
Delta R.T. -0.000 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

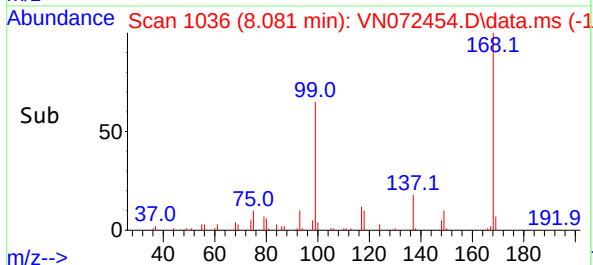
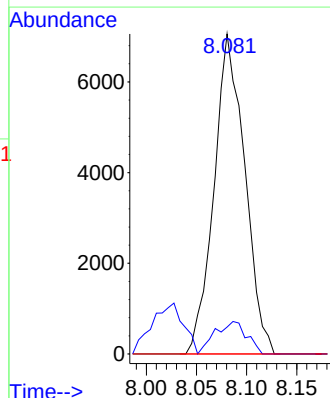
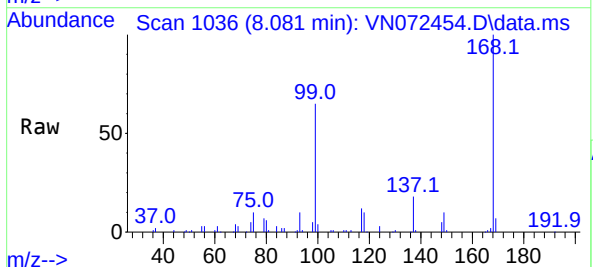
Instrument :
MSVOA_N
ClientSampleId :
MW-14

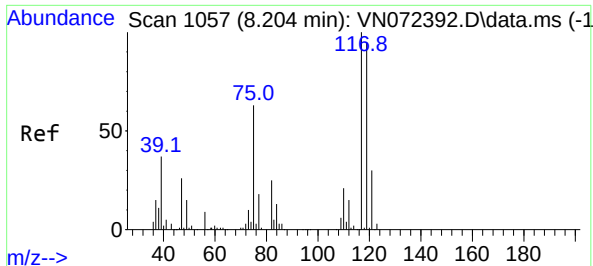
Tgt Ion:113 Resp: 109902
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 19.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.558 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

Tgt Ion: 75 Resp: 15053
Ion Ratio Lower Upper
75 100
110 10.4 18.3 54.8#
77 0.0 25.1 37.7#

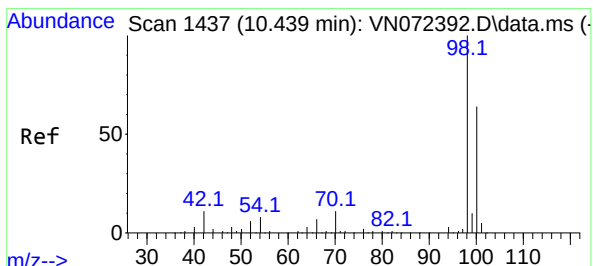
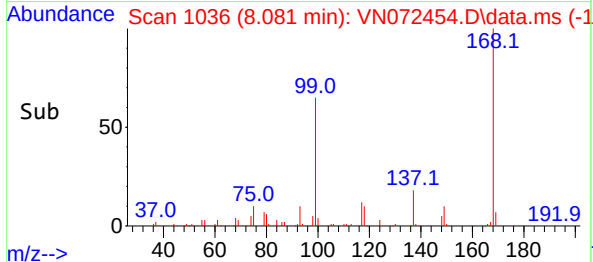
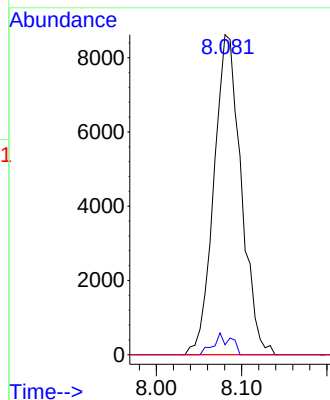
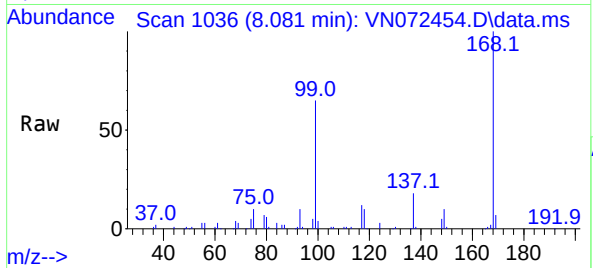




#38
Carbon Tetrachloride
Concen: 6.311 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.123 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

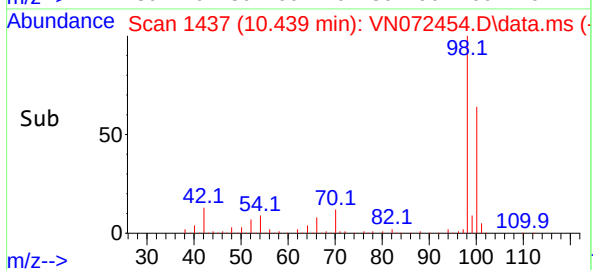
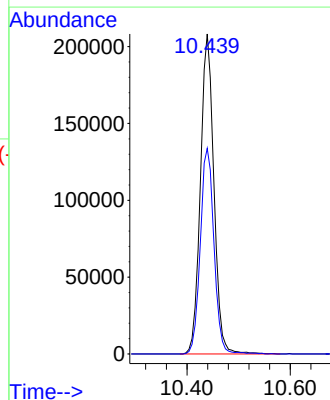
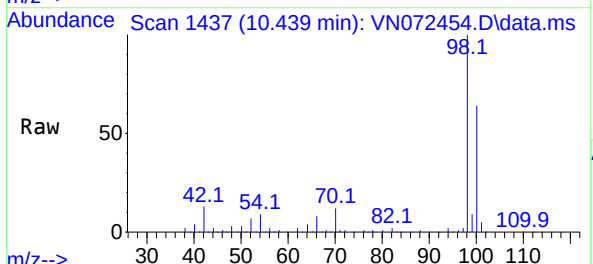
Instrument :
MSVOA_N
ClientSampleId :
MW-14

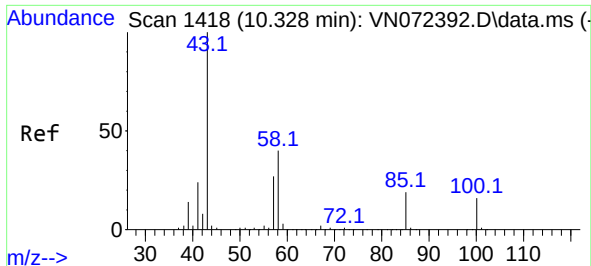
Tgt Ion:117 Resp: 19128
Ion Ratio Lower Upper
117 100
119 3.1 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 52.432 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

Tgt Ion: 98 Resp: 376519
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

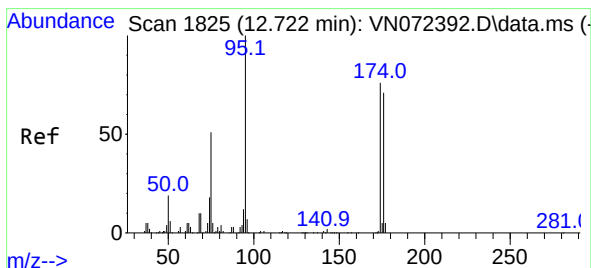
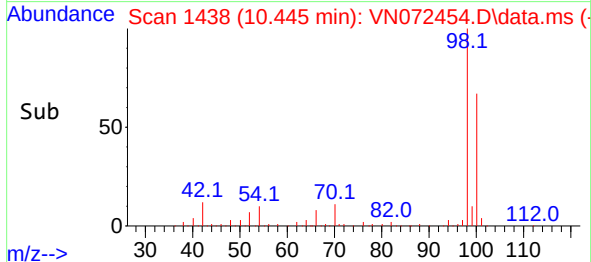
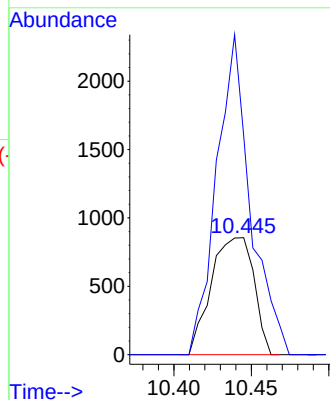
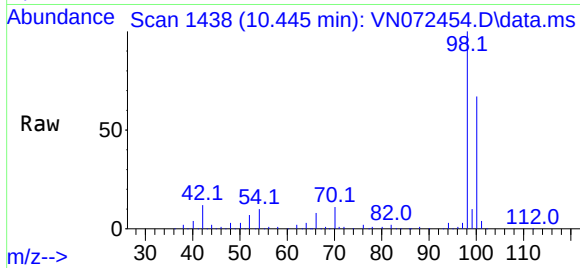




#51
4-Methyl-2-Pentanone
Concen: 0.529 ug/l
RT: 10.445 min Scan# 1418
Delta R.T. 0.117 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

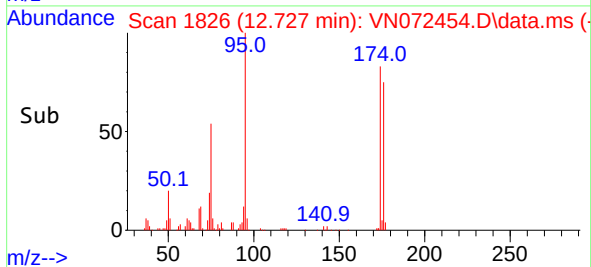
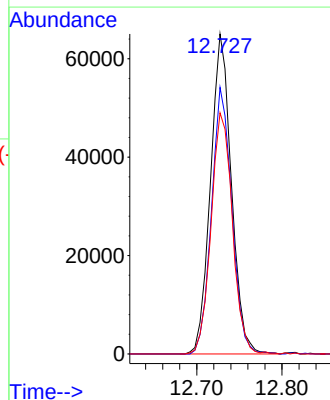
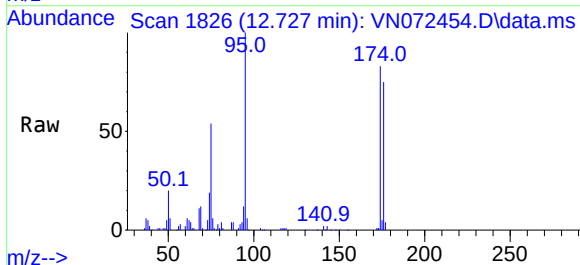
Instrument :
MSVOA_N
ClientSampleId :
MW-14

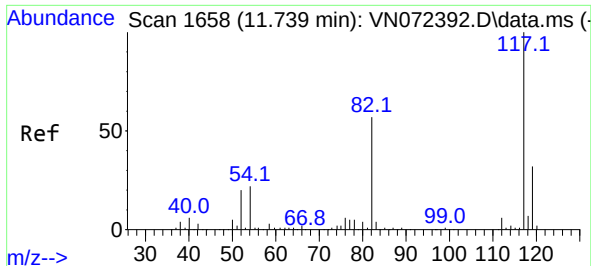
Tgt Ion: 43 Resp: 1640
Ion Ratio Lower Upper
43 100
58 216.8 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 46.468 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

Tgt Ion: 95 Resp: 110819
Ion Ratio Lower Upper
95 100
174 81.4 0.0 167.6
176 76.9 0.0 163.4

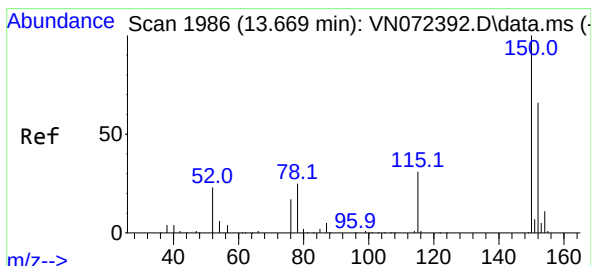
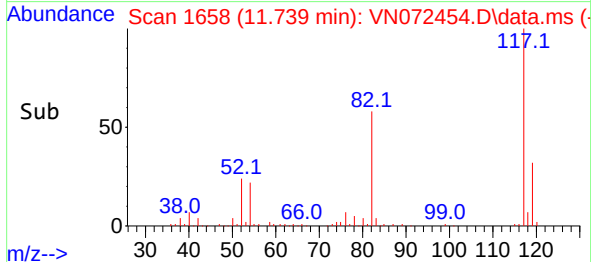
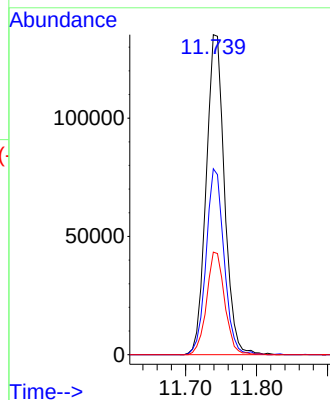
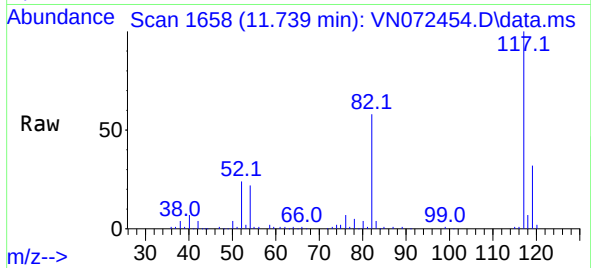




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

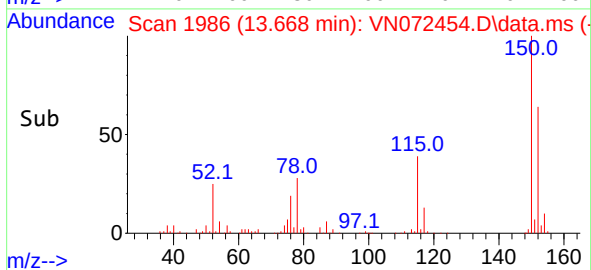
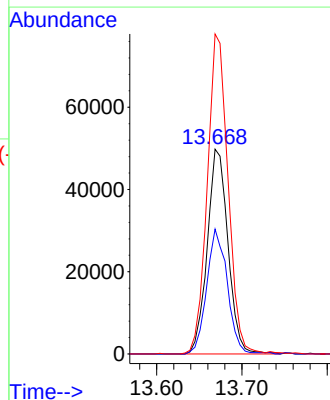
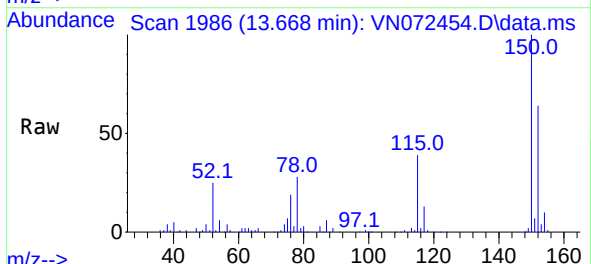
Instrument :
MSVOA_N
ClientSampleId :
MW-14

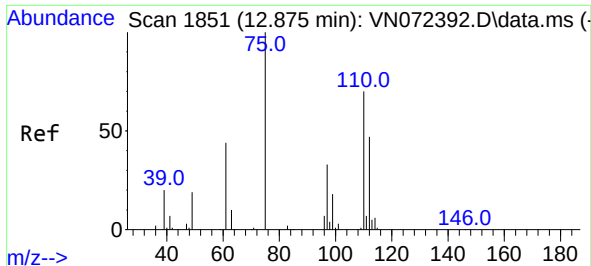
Tgt Ion:117 Resp: 242703
Ion Ratio Lower Upper
117 100
82 58.1 44.2 66.2
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

Tgt Ion:152 Resp: 84286
Ion Ratio Lower Upper
152 100
115 60.6 28.9 86.7
150 155.7 0.0 356.2

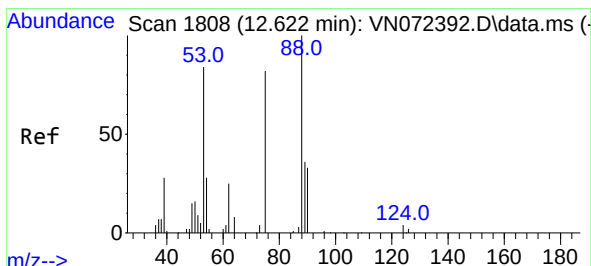
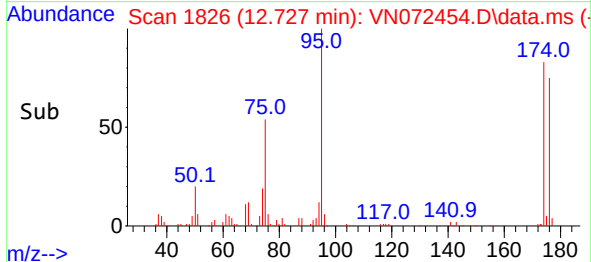
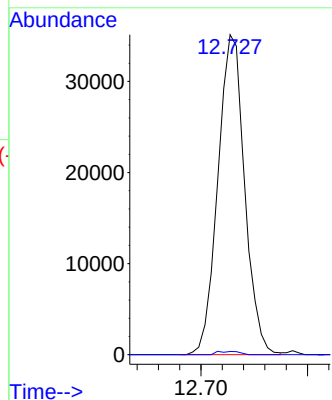
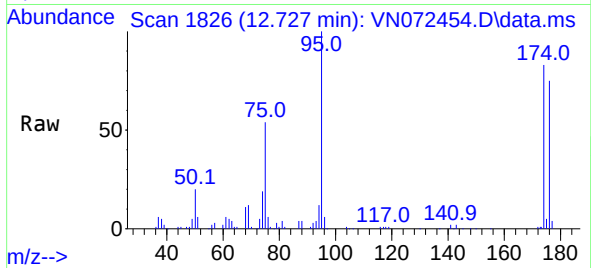




#76
1,2,3-Trichloropropane
Concen: 27.838 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.148 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

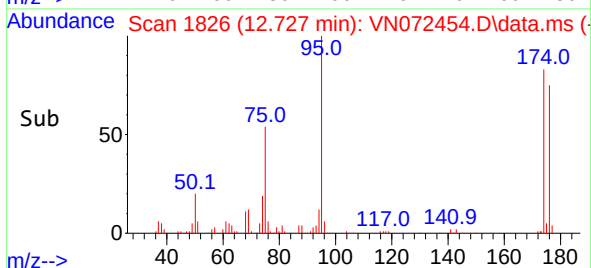
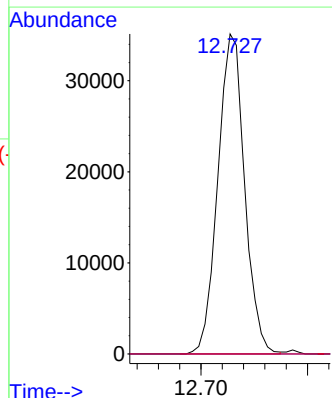
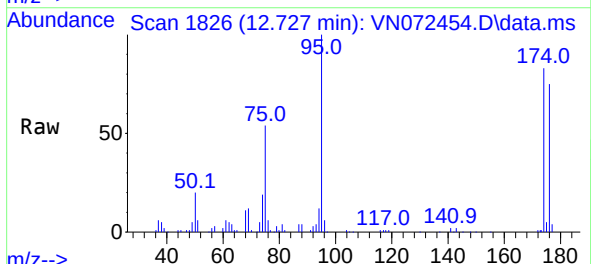
Instrument :
MSVOA_N
ClientSampleId :
MW-14

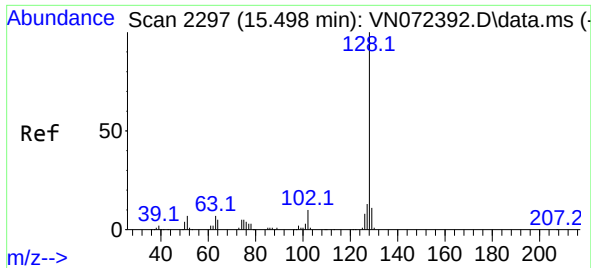
Tgt Ion: 75 Resp: 61197
Ion Ratio Lower Upper
75 100
77 0.9 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.868 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

Tgt Ion: 75 Resp: 61197
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95

Naphthalene

Concen: 3.271 ug/l

RT: 15.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN072454.D

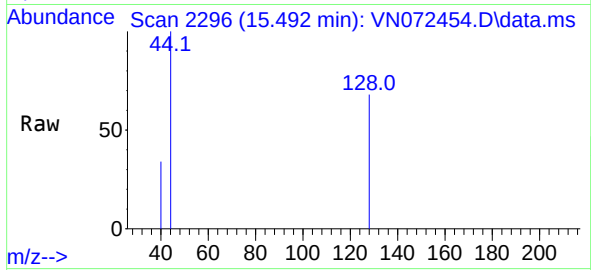
Acq: 12 May 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

MW-14



Tgt Ion:128 Resp: 406

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#

