

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071752.D
 Acq On : 01 Apr 2022 14:55
 Operator : JC\MD
 Sample : N2075-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-178S-20220322

Quant Time: Apr 02 00:54:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

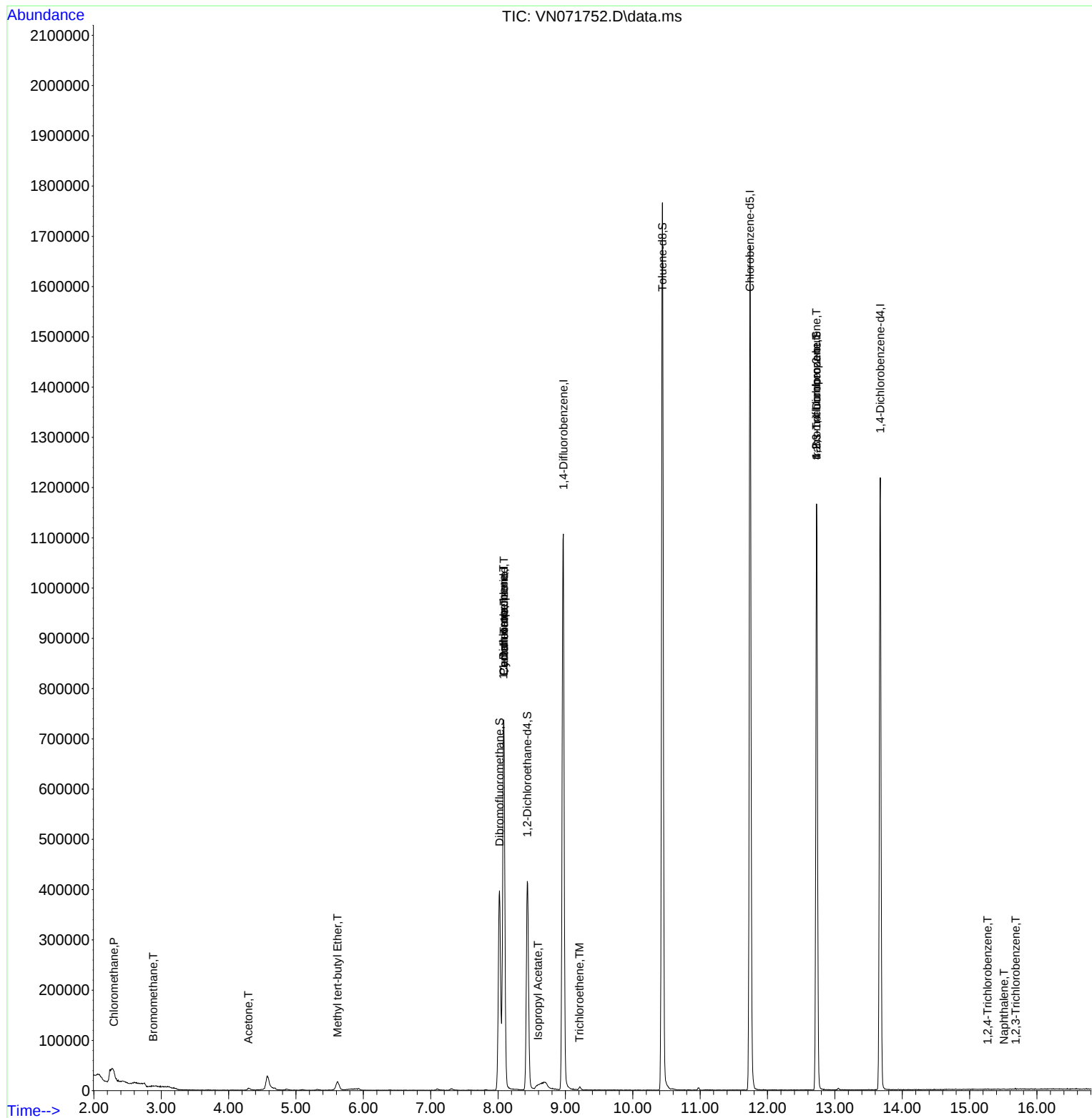
Internal Standards						
1) Pentafluorobenzene	8.087	168	615355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1043439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1040161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	363196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	353190	50.276	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.560%	
35) Dibromofluoromethane	8.022	113	300051	48.868	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.740%	
50) Toluene-d8	10.439	98	1301653	51.823	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.640%	
62) 4-Bromofluorobenzene	12.727	95	422530	52.014	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 104.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	3210	0.518	ug/l	97
5) Bromomethane	2.881	94	1442	0.326	ug/l	87
16) Acetone	4.293	43	5569	1.855	ug/l	95
18) Methyl Acetate	4.863	43	4401	Below Cal	#	80
19) Methyl tert-butyl Ether	5.616	73	27113	1.437	ug/l #	91
31) Cyclohexane	8.087	56	10990	1.150	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	41680	4.861	ug/l #	48
38) Carbon Tetrachloride	8.087	117	55073	6.554	ug/l #	16
43) Isopropyl Acetate	8.592	43	11083	0.710	ug/l #	53
44) Trichloroethene	9.210	130	2397	0.344	ug/l	94
76) 1,2,3-Trichloropropane	12.727	75	202305	24.045	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	202305	74.514	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.268	180	306	2.137	ug/l #	49
95) Naphthalene	15.510	128	818	3.849	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.686	180	80	2.428	ug/l #	12

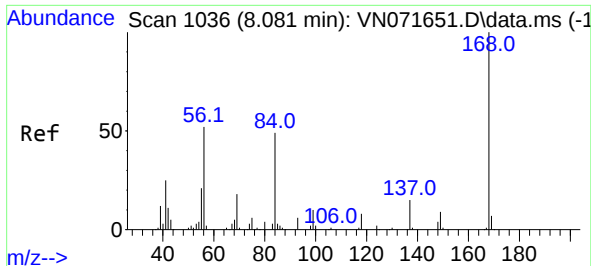
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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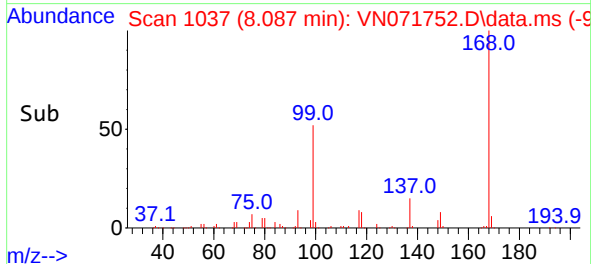
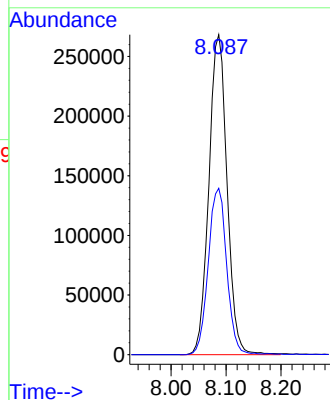
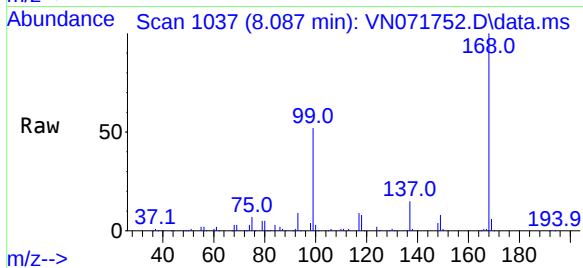




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN071752.D
Acq: 01 Apr 2022 14:55

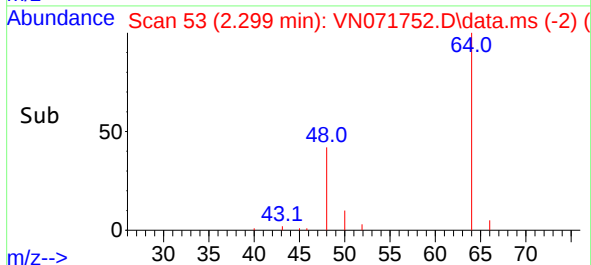
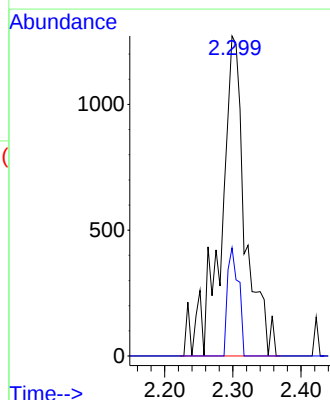
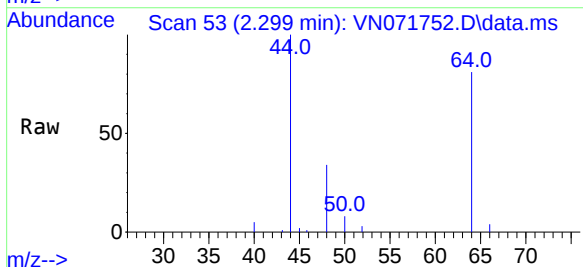
Instrument :
MSVOA_N
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MW-178S-20220322

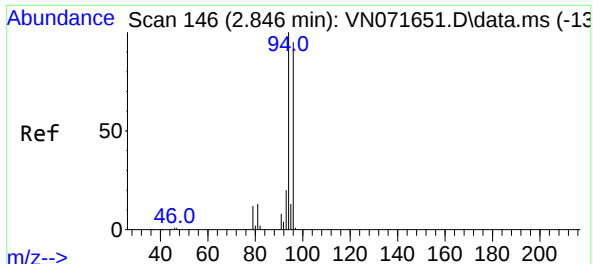
Tgt Ion:168 Resp: 615355
Ion Ratio Lower Upper
168 100
99 52.0 42.3 63.5



#3
Chloromethane
Concen: 0.518 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071752.D
Acq: 01 Apr 2022 14:55

Tgt Ion: 50 Resp: 3210
Ion Ratio Lower Upper
50 100
52 33.8 25.7 38.5

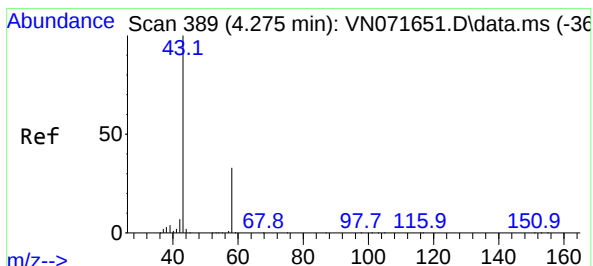
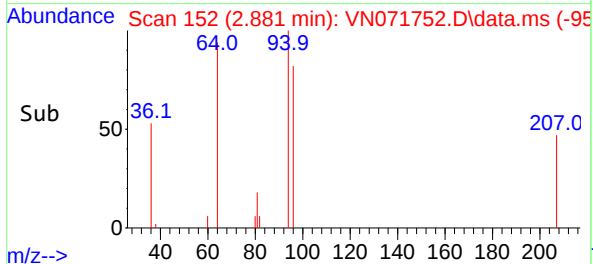
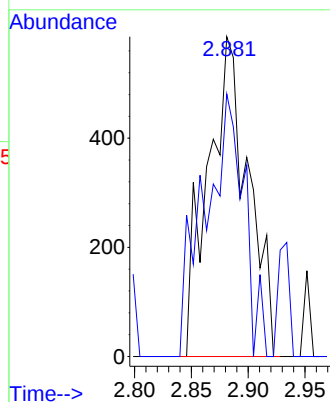
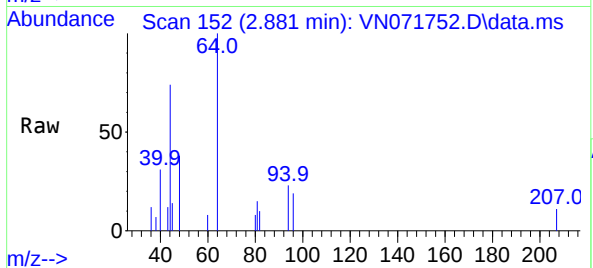




#5
Bromomethane
Concen: 0.326 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN071752.D
Acq: 01 Apr 2022 14:55

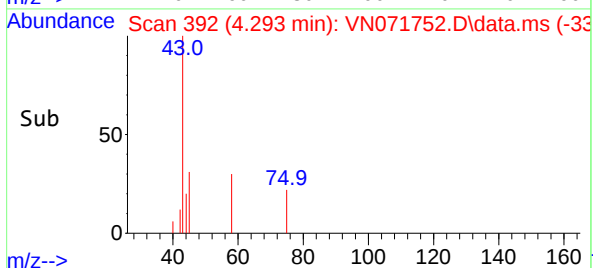
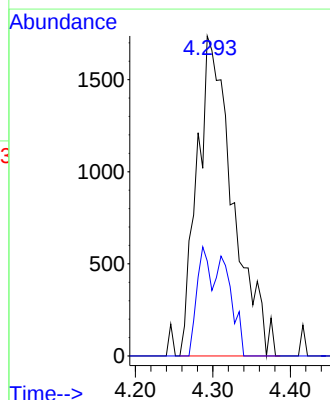
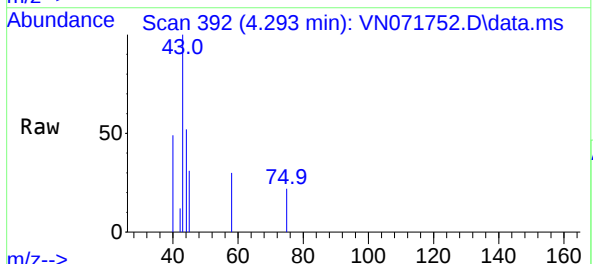
Instrument :
MSVOA_N
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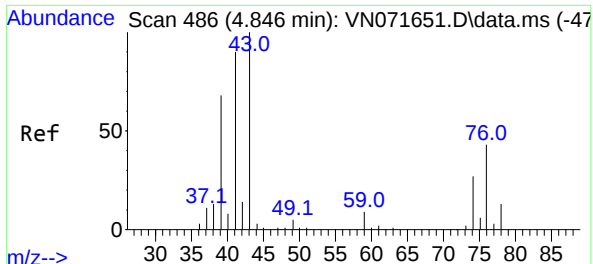
Tgt Ion: 94 Resp: 1442
Ion Ratio Lower Upper
94 100
96 82.1 76.0 114.0



#16
Acetone
Concen: 1.855 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071752.D
Acq: 01 Apr 2022 14:55

Tgt Ion: 43 Resp: 5569
Ion Ratio Lower Upper
43 100
58 29.6 26.0 39.0

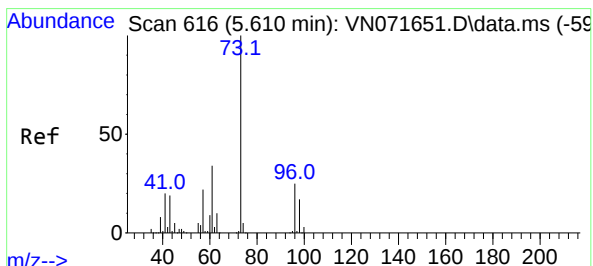
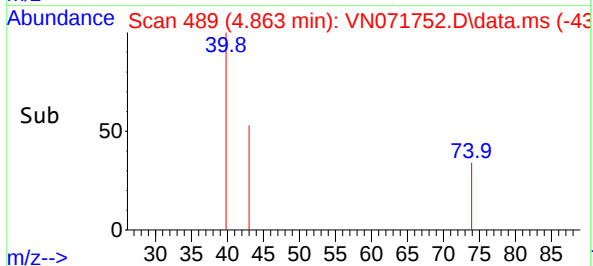
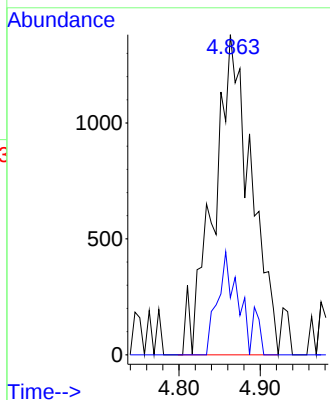
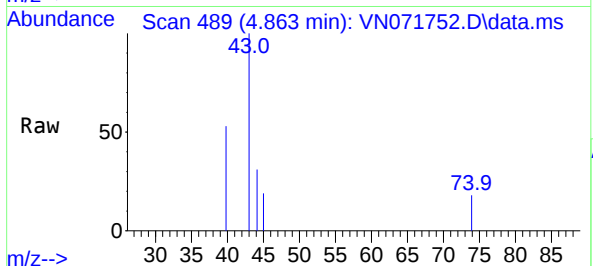




#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN071752.D
Acq: 01 Apr 2022 14:55

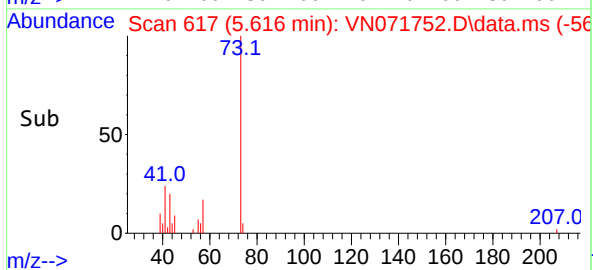
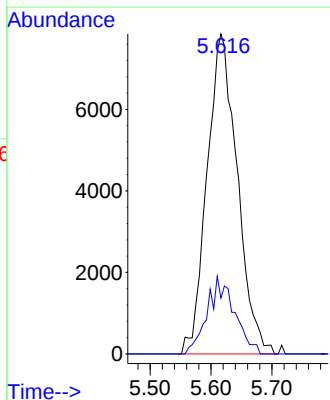
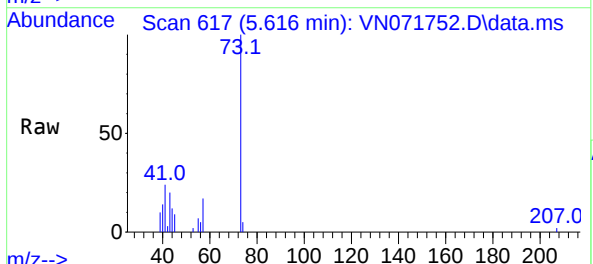
Instrument :
MSVOA_N
ClientSampleId :
MW-178S-20220322

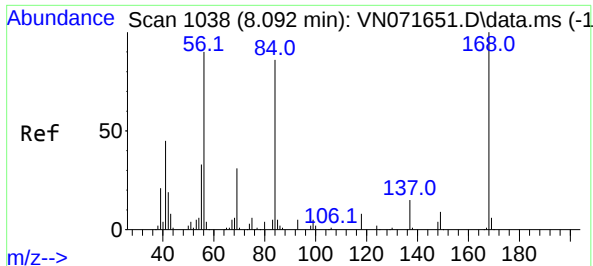
Tgt Ion: 43 Resp: 4401
Ion Ratio Lower Upper
43 100
74 16.9 21.6 32.4#



#19
Methyl tert-butyl Ether
Concen: 1.437 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN071752.D
Acq: 01 Apr 2022 14:55

Tgt Ion: 73 Resp: 27113
Ion Ratio Lower Upper
73 100
57 17.5 17.6 26.4#

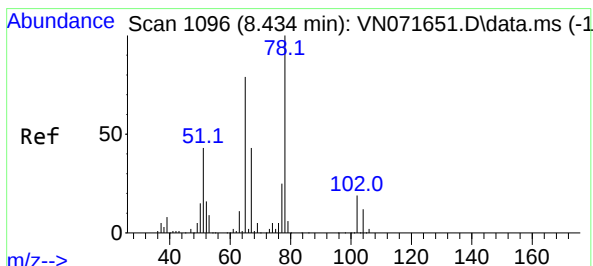
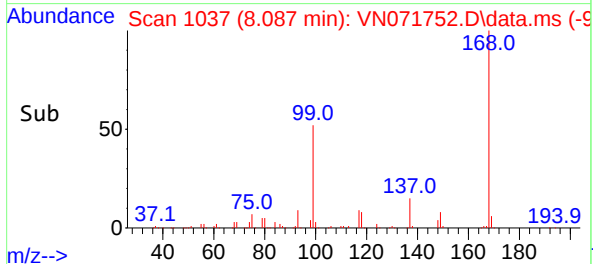
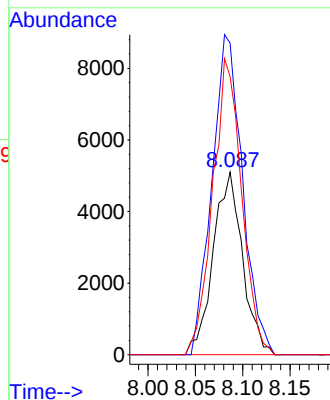
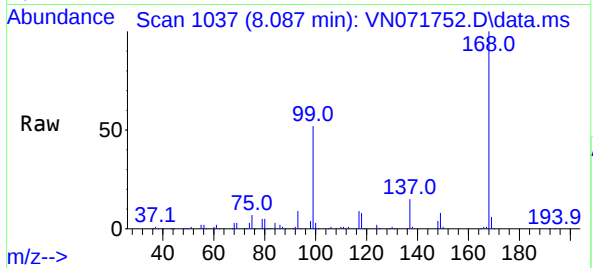




#31
Cyclohexane
Concen: 1.150 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.005 min
Lab File: VN071752.D
Acq: 01 Apr 2022 14:55

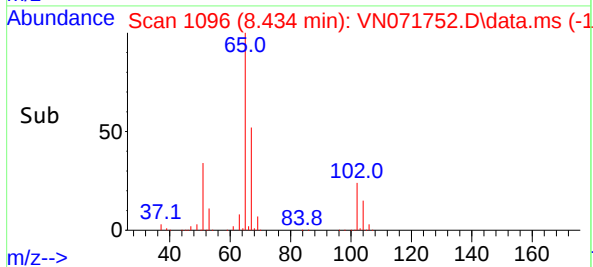
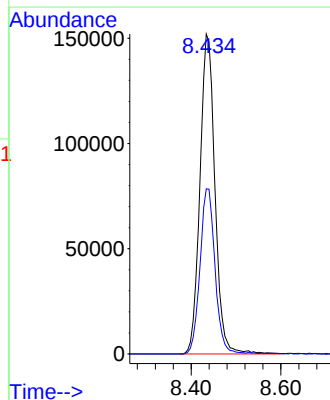
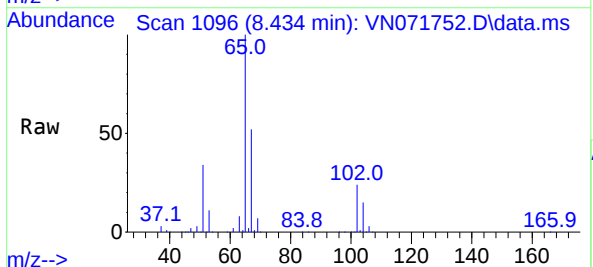
Instrument :
MSVOA_N
ClientSampleId :
MW-178S-20220322

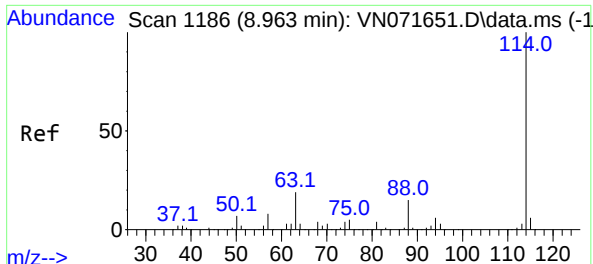
Tgt Ion: 56 Resp: 10990
Ion Ratio Lower Upper
56 100
69 170.5 27.8 41.8#
84 152.2 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 50.276 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071752.D
Acq: 01 Apr 2022 14:55

Tgt Ion: 65 Resp: 353190
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN071752.D

Acq: 01 Apr 2022 14:55

Instrument :

MSVOA_N

ClientSampleId :

MW-178S-20220322

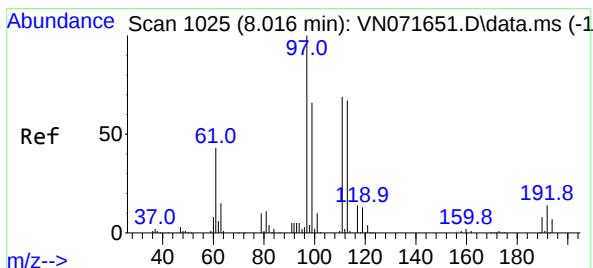
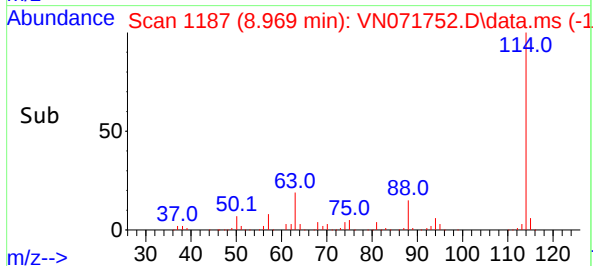
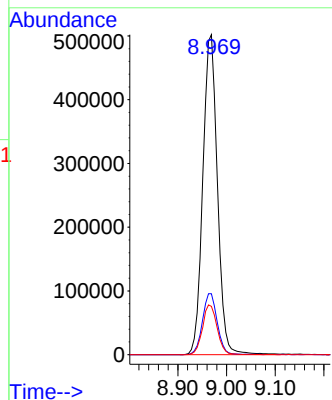
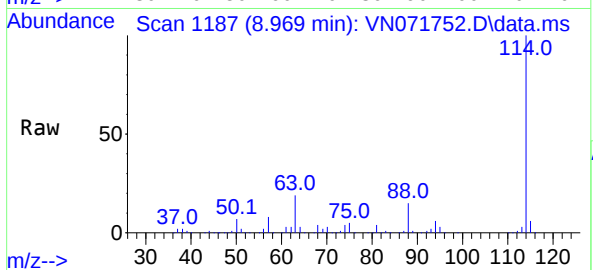
Tgt Ion:114 Resp: 1043439

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.868 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071752.D

Acq: 01 Apr 2022 14:55

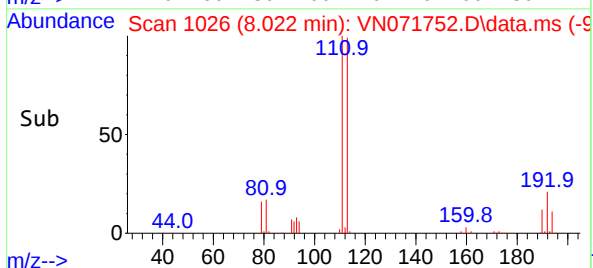
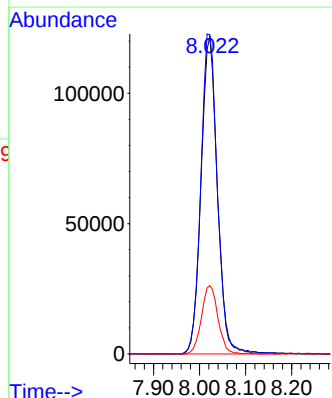
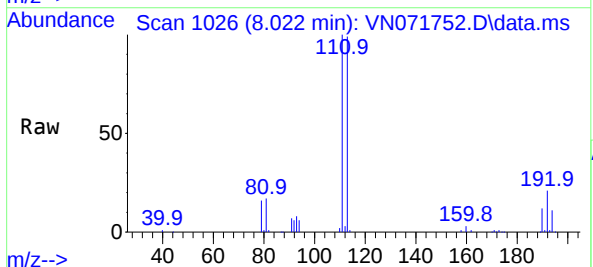
Tgt Ion:113 Resp: 300051

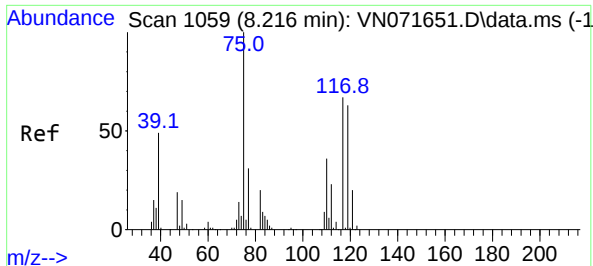
Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 21.7 17.0 25.6

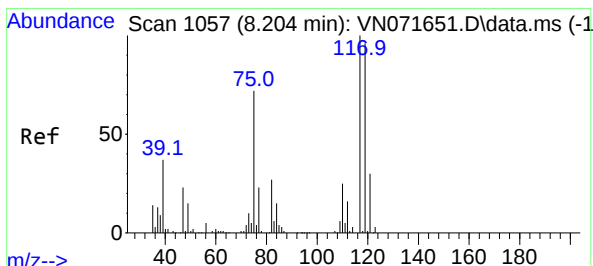
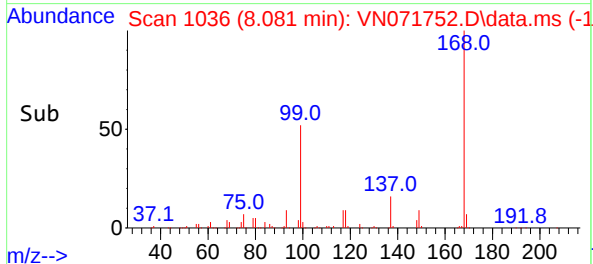
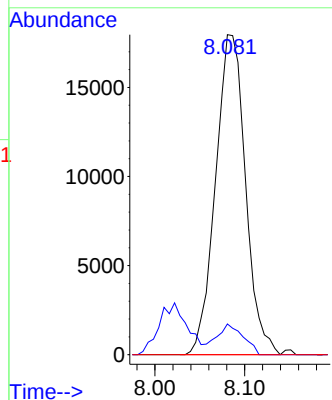
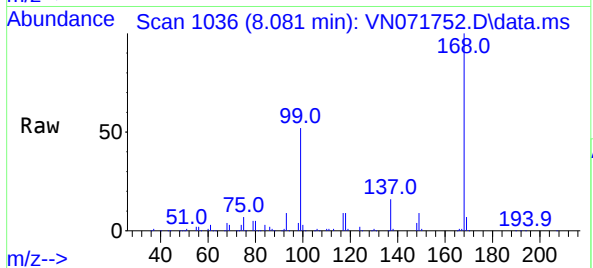




#36
1,1-Dichloropropene
Concen: 4.861 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071752.D
Acq: 01 Apr 2022 14:55

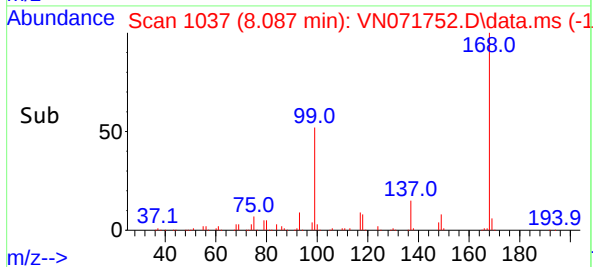
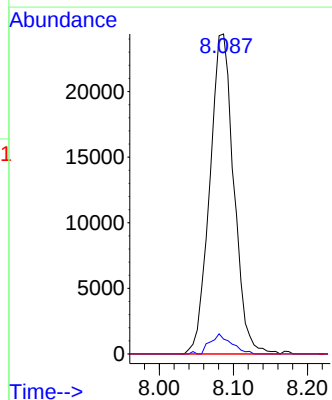
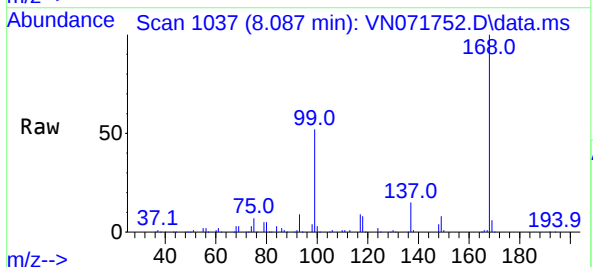
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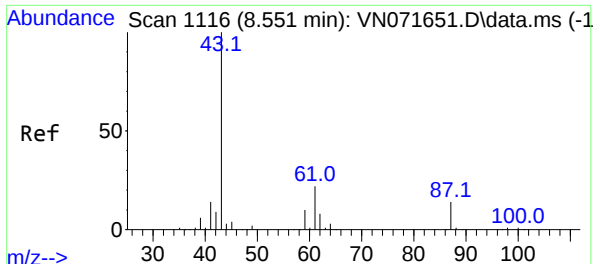
Tgt Ion: 75 Resp: 41680
Ion Ratio Lower Upper
75 100
110 8.3 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.554 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.117 min
Lab File: VN071752.D
Acq: 01 Apr 2022 14:55

Tgt Ion: 117 Resp: 55073
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.8#
121 0.0 24.6 37.0#

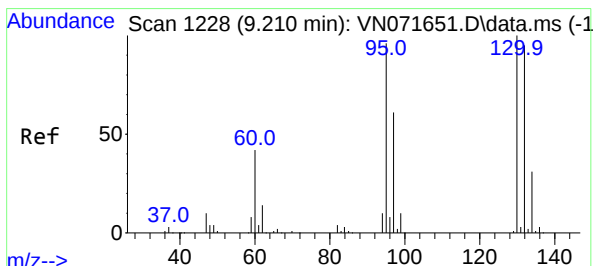
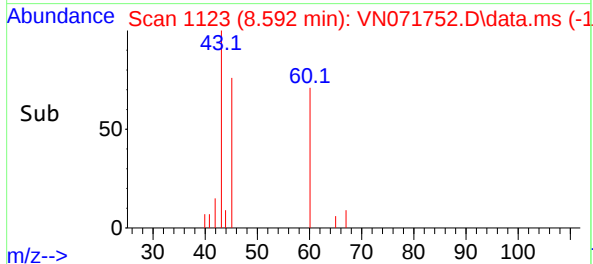
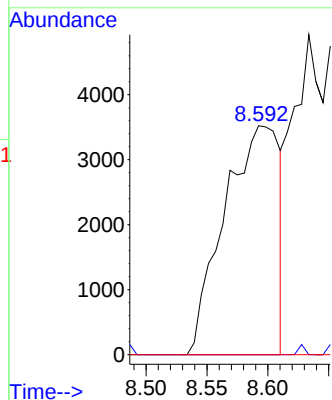
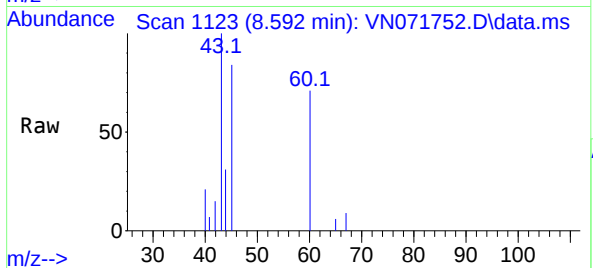




#43
Isopropyl Acetate
Concen: 0.710 ug/l
RT: 8.592 min Scan# 1116
Delta R.T. 0.041 min
Lab File: VN071752.D
Acq: 01 Apr 2022 14:55

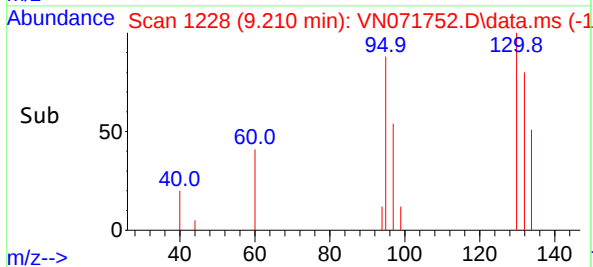
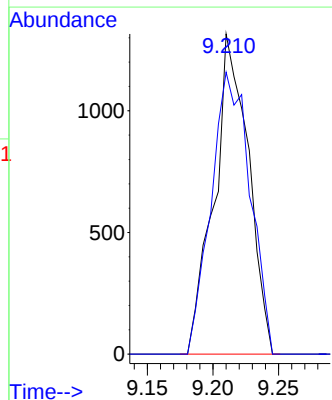
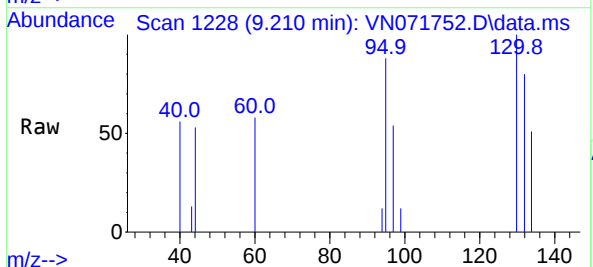
Instrument :
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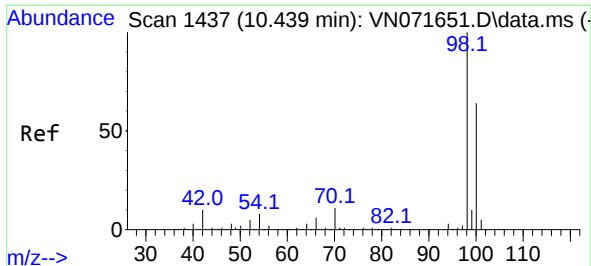
Tgt Ion: 43 Resp: 11083
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#44
Trichloroethene
Concen: 0.344 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN071752.D
Acq: 01 Apr 2022 14:55

Tgt Ion: 130 Resp: 2397
Ion Ratio Lower Upper
130 100
95 88.1 0.0 186.8

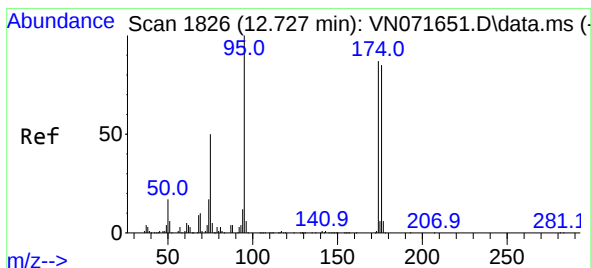
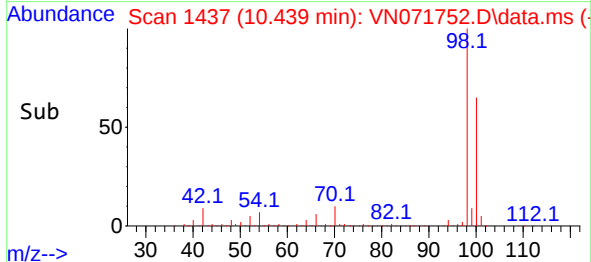
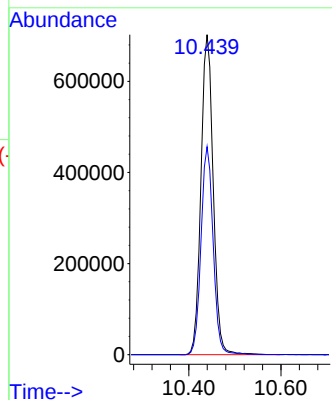
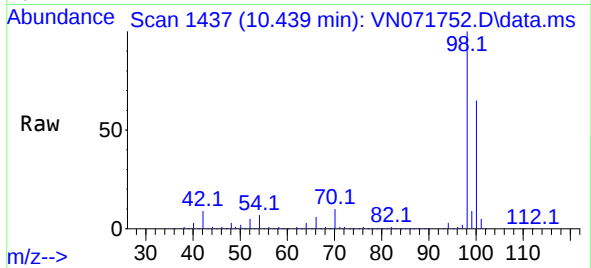




#50
Toluene-d8
Concen: 51.823 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071752.D
Acq: 01 Apr 2022 14:55

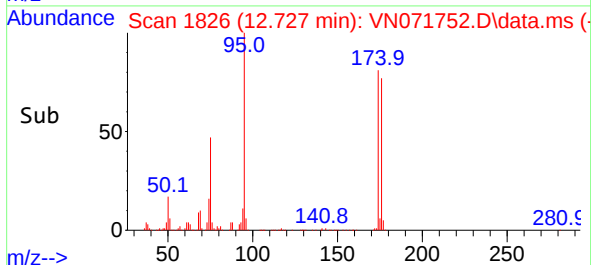
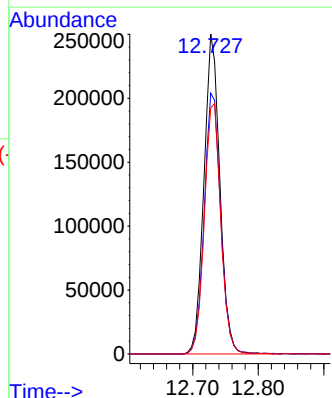
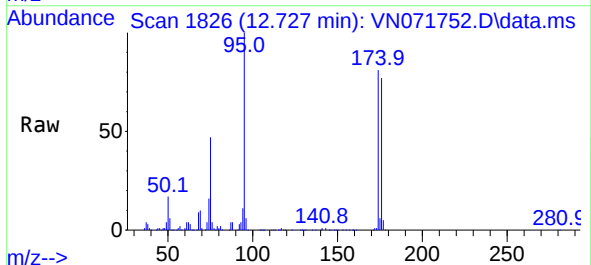
Instrument :
MSVOA_N
ClientSampleId :
MW-178S-20220322

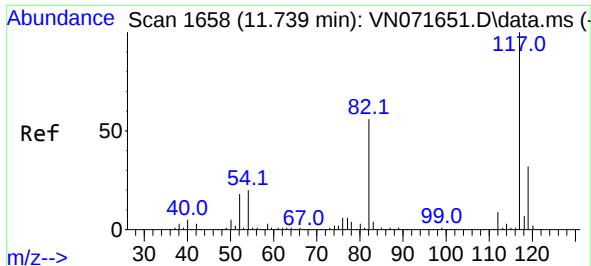
Tgt Ion: 98 Resp: 1301653
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.014 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071752.D
Acq: 01 Apr 2022 14:55

Tgt Ion: 95 Resp: 422530
Ion Ratio Lower Upper
95 100
174 84.6 0.0 167.6
176 81.2 0.0 163.4

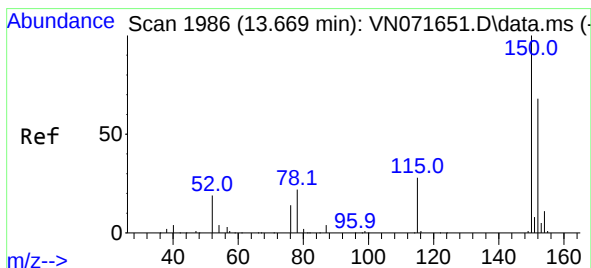
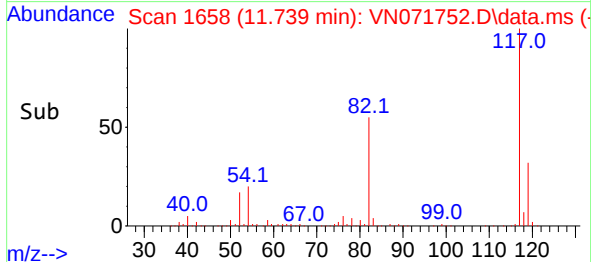
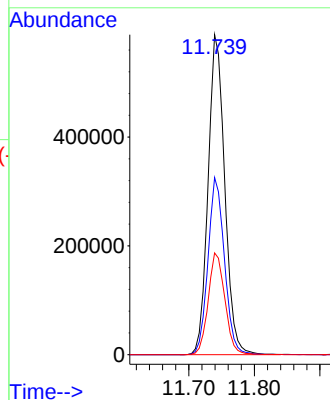
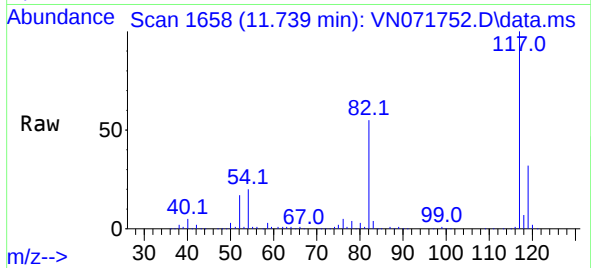




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071752.D
Acq: 01 Apr 2022 14:55

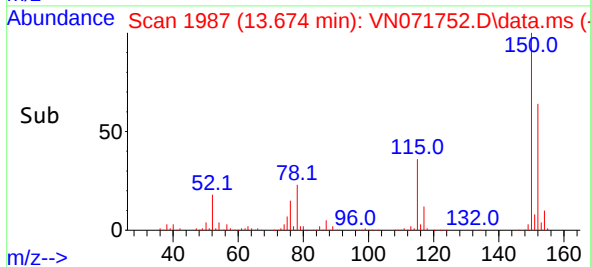
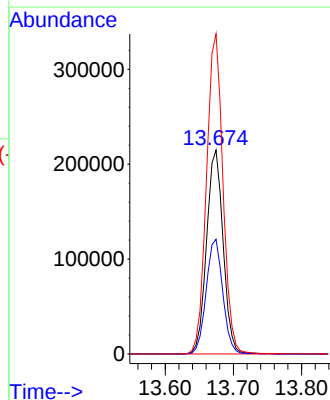
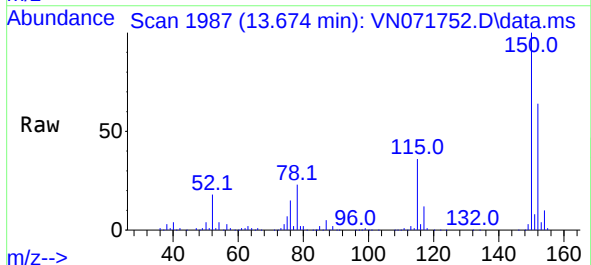
Instrument :
MSVOA_N
ClientSampleId :
MW-178S-20220322

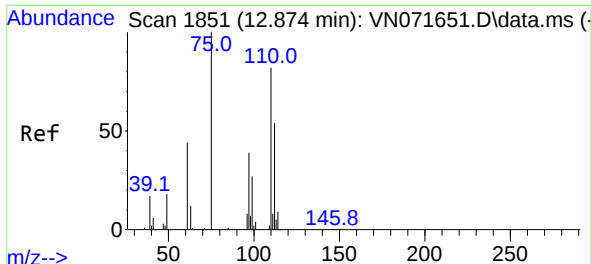
Tgt Ion:117 Resp: 1040161
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071752.D
Acq: 01 Apr 2022 14:55

Tgt Ion:152 Resp: 363196
Ion Ratio Lower Upper
152 100
115 56.6 28.9 86.7
150 156.2 0.0 356.2

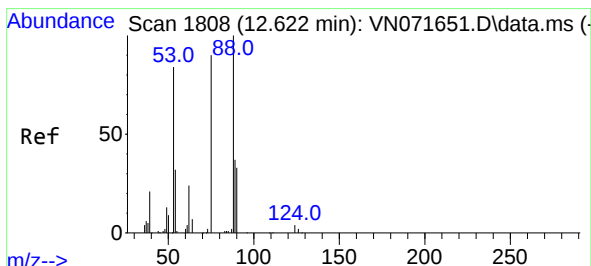
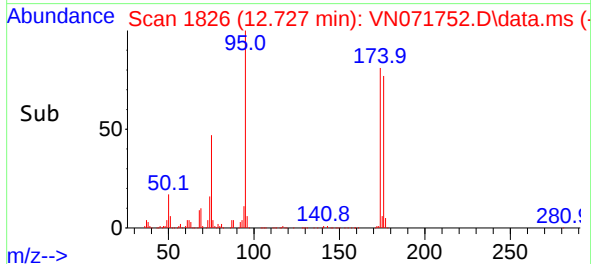
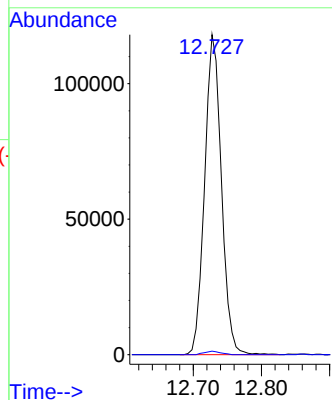
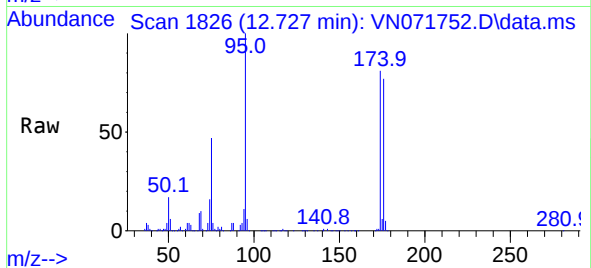




#76
1,2,3-Trichloropropane
Concen: 24.045 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071752.D
Acq: 01 Apr 2022 14:55

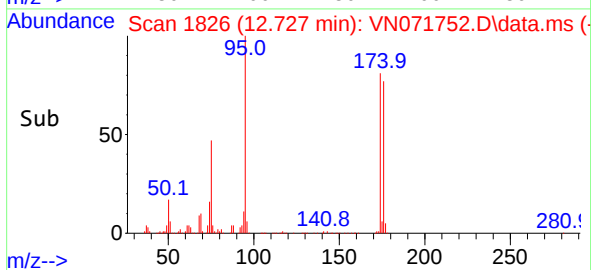
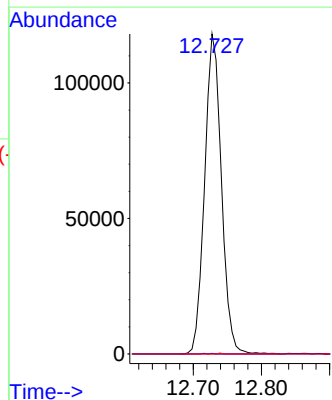
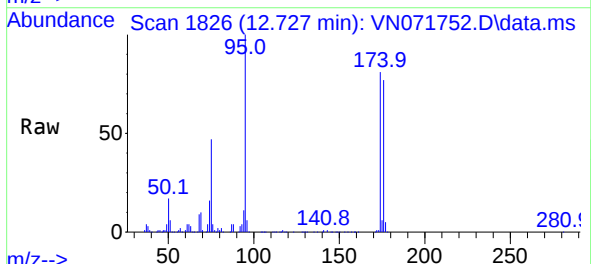
Instrument :
MSVOA_N
ClientSampleId :
MW-178S-20220322

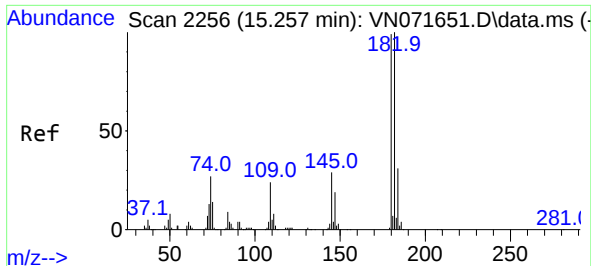
Tgt Ion: 75 Resp: 202305
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.514 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071752.D
Acq: 01 Apr 2022 14:55

Tgt Ion: 75 Resp: 202305
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.1 37.2 55.8#





#93

1,2,4-Trichlorobenzene

Concen: 2.137 ug/l

RT: 15.268 min Scan# 21

Delta R.T. 0.011 min

Lab File: VN071752.D

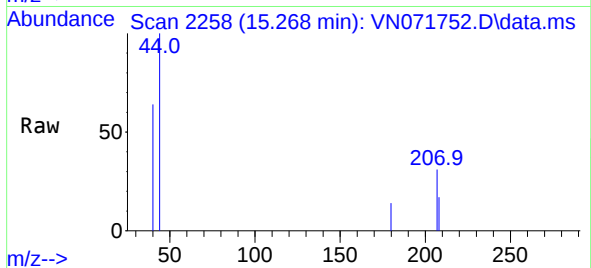
Acq: 01 Apr 2022 14:55

Instrument :

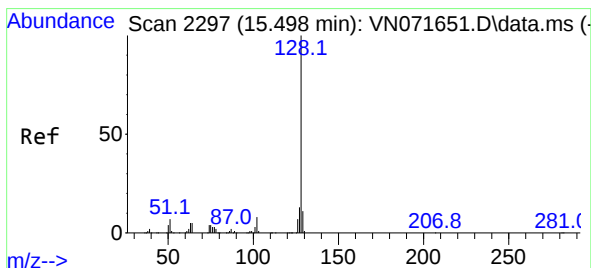
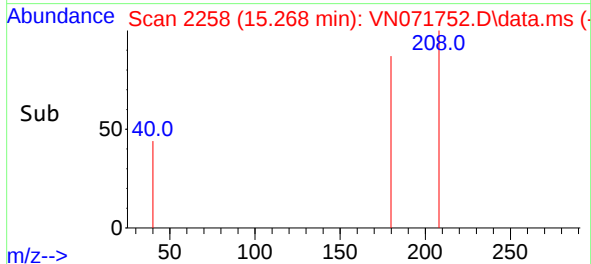
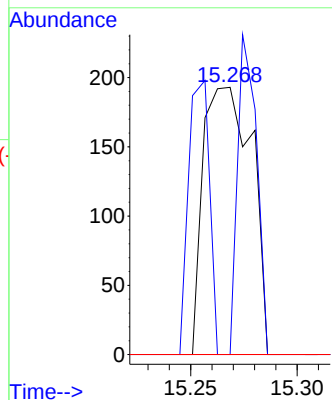
MSVOA_N

ClientSampleId :

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Tgt Ion:	180	Resp:	306
Ion	Ratio	Lower	Upper
180	100		
182	47.1	47.5	142.5#
145	0.0	14.5	43.5#



#95

Naphthalene

Concen: 3.849 ug/l

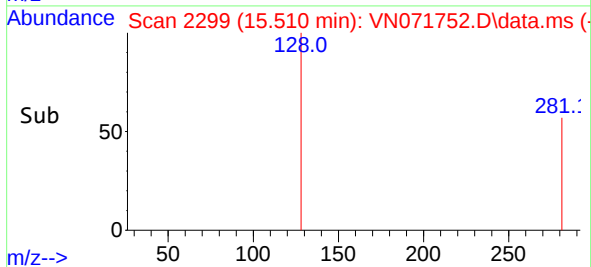
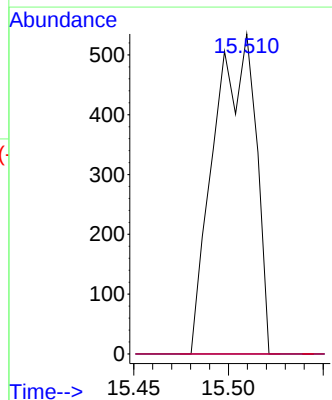
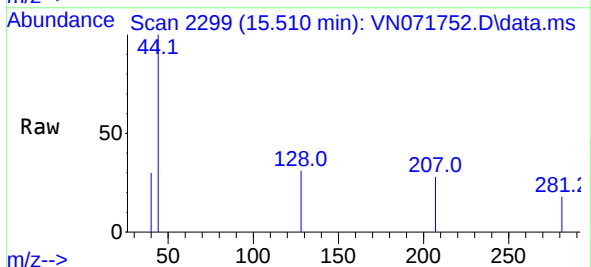
RT: 15.510 min Scan# 2299

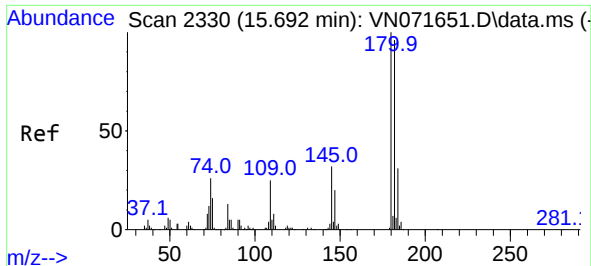
Delta R.T. 0.012 min

Lab File: VN071752.D

Acq: 01 Apr 2022 14:55

Tgt Ion:	128	Resp:	818
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#





#96

1,2,3-Trichlorobenzene

Concen: 2.428 ug/l

RT: 15.686 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN071752.D

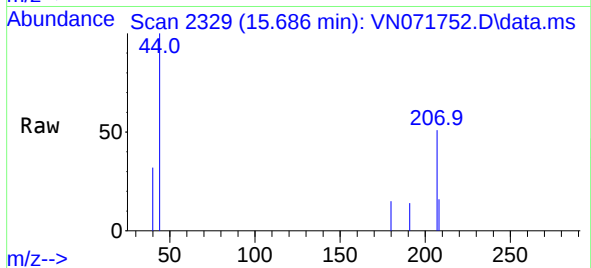
Acq: 01 Apr 2022 14:55

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:180 Resp: 80

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.3#

145 0.0 15.5 46.5#

