

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071751.D
 Acq On : 01 Apr 2022 14:31
 Operator : JC\MD
 Sample : N2075-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1781-20220322

Quant Time: Apr 02 00:53:58 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)

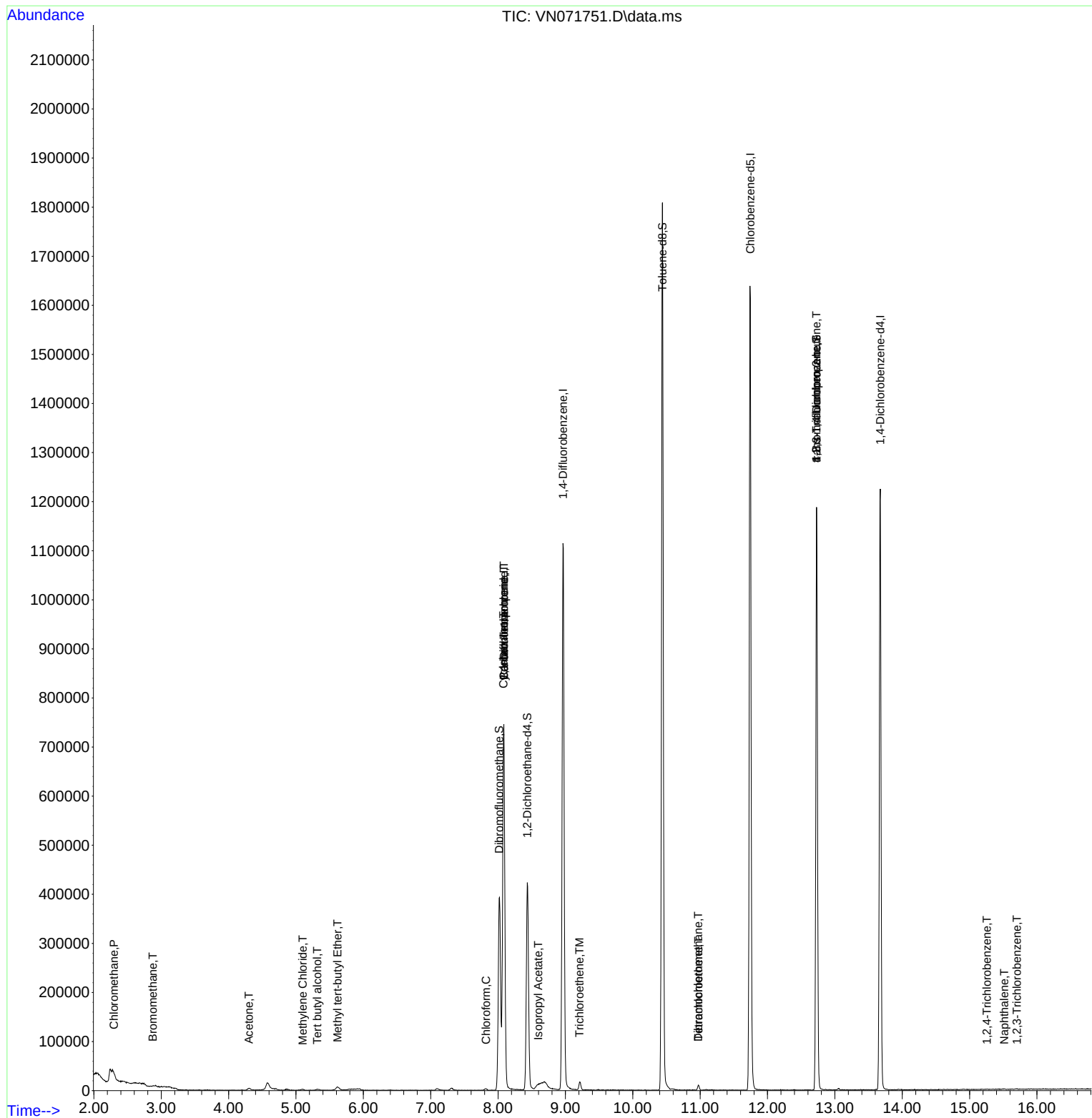
Internal Standards						
1) Pentafluorobenzene	8.086	168	617834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1048225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1039291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	363839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	356474	50.540	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.080%	
35) Dibromofluoromethane	8.016	113	300284	48.683	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.360%	
50) Toluene-d8	10.439	98	1302593	51.623	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.240%	
62) 4-Bromofluorobenzene	12.727	95	422234	51.740	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 103.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	2946	0.473	ug/l	98
5) Bromomethane	2.875	94	1680	0.378	ug/l	89
11) Tert butyl alcohol	5.316	59	2000	1.747	ug/l #	72
16) Acetone	4.298	43	4678	1.552	ug/l	96
18) Methyl Acetate	4.857	43	4730	Below Cal	#	67
19) Methyl tert-butyl Ether	5.616	73	11144	0.588	ug/l	94
20) Methylene Chloride	5.098	84	1671	0.263	ug/l #	87
30) Chloroform	7.822	83	3603	0.323	ug/l #	75
31) Cyclohexane	8.080	56	11094	1.157	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	41862	4.860	ug/l #	43
38) Carbon Tetrachloride	8.086	117	55308	6.552	ug/l #	16
43) Isopropyl Acetate	8.598	43	11819	0.754	ug/l #	53
44) Trichloroethene	9.210	130	7217	1.030	ug/l	78
60) Dibromochloromethane	10.969	129	2381	0.345	ug/l #	11
64) Tetrachloroethene	10.974	164	2547	0.371	ug/l	91
76) 1,2,3-Trichloropropane	12.727	75	203834	24.184	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	203834	74.944	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.256	180	328	2.140	ug/l	94
95) Naphthalene	15.515	128	1285	3.875	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.704	180	389	2.480	ug/l #	84

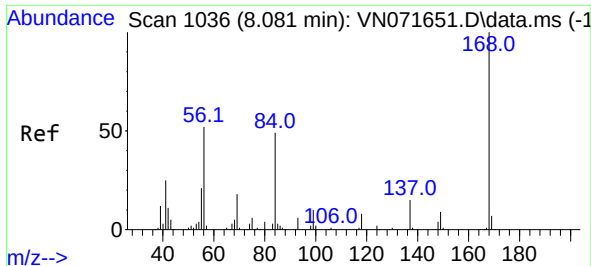
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 31 01:57:54 2022
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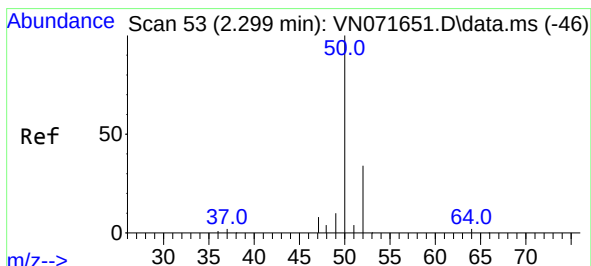
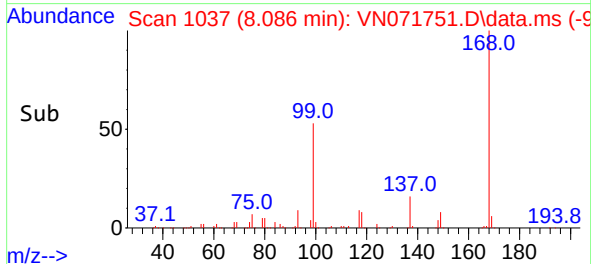
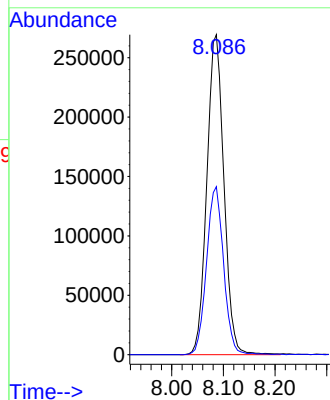
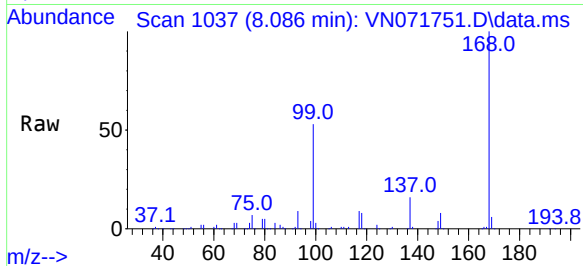




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071751.D
Acq: 01 Apr 2022 14:31

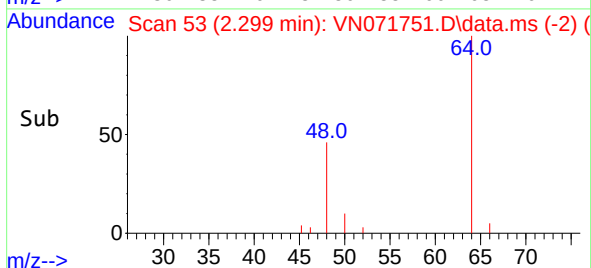
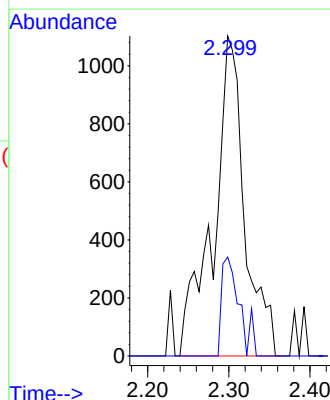
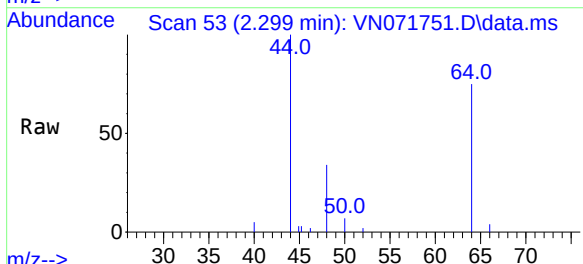
Instrument :
MSVOA_N
ClientSampleId :
MW-178I-20220322

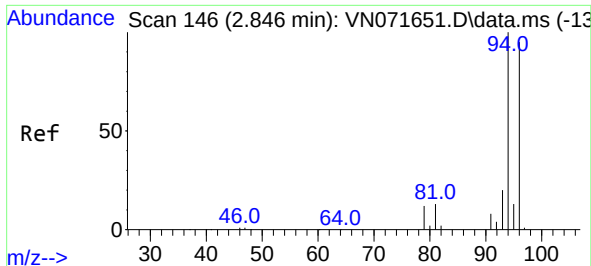
Tgt Ion:168 Resp: 617834
Ion Ratio Lower Upper
168 100
99 52.5 42.3 63.5



#3
Chloromethane
Concen: 0.473 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071751.D
Acq: 01 Apr 2022 14:31

Tgt Ion: 50 Resp: 2946
Ion Ratio Lower Upper
50 100
52 30.9 25.7 38.5

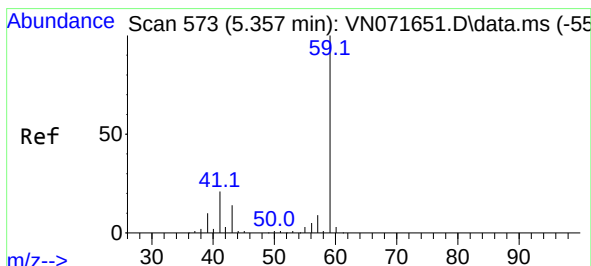
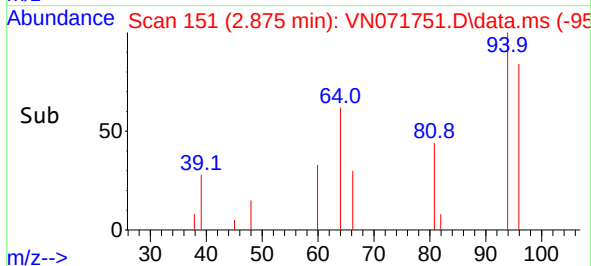
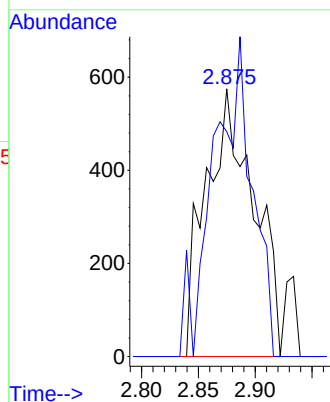
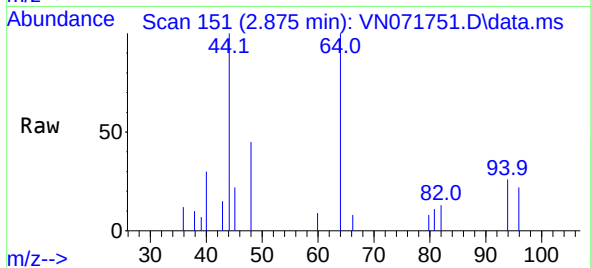




#5
Bromomethane
Concen: 0.378 ug/l
RT: 2.875 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN071751.D
Acq: 01 Apr 2022 14:31

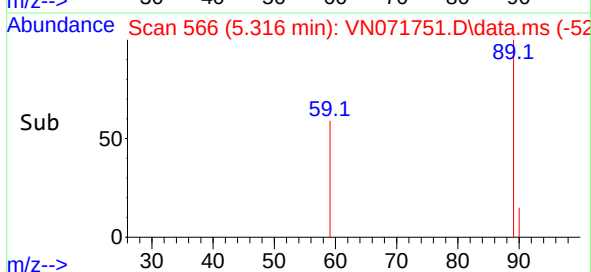
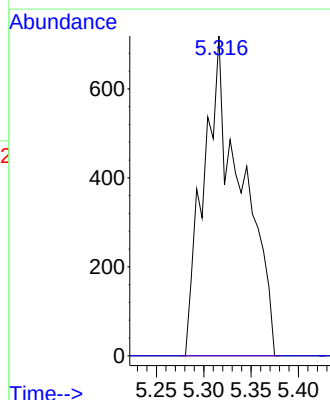
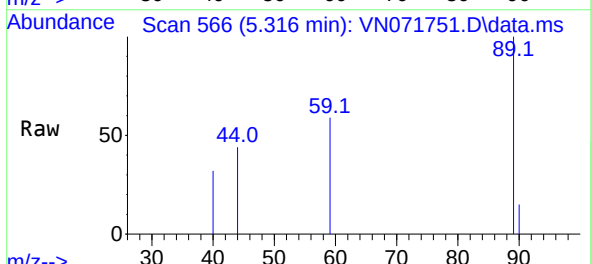
Instrument :
MSVOA_N
ClientSampleId :
MW-178I-20220322

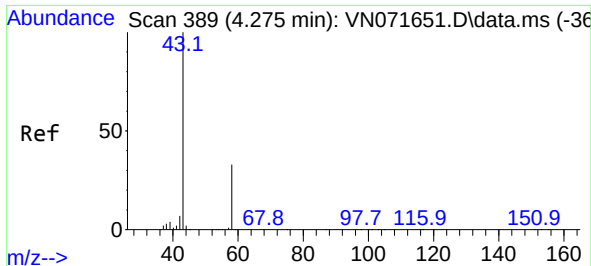
Tgt Ion: 94 Resp: 1680
Ion Ratio Lower Upper
94 100
96 84.0 76.0 114.0



#11
Tert butyl alcohol
Concen: 1.747 ug/l
RT: 5.316 min Scan# 566
Delta R.T. -0.041 min
Lab File: VN071751.D
Acq: 01 Apr 2022 14:31

Tgt Ion: 59 Resp: 2000
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

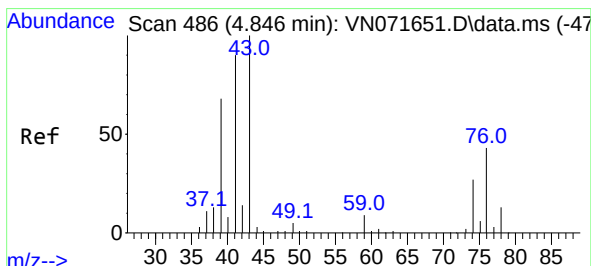
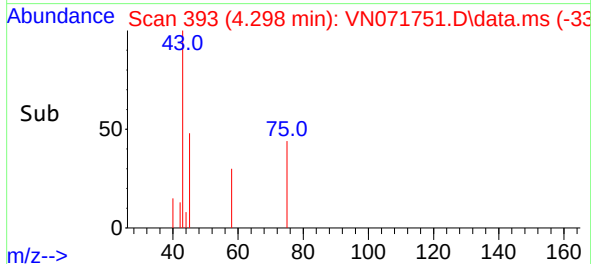
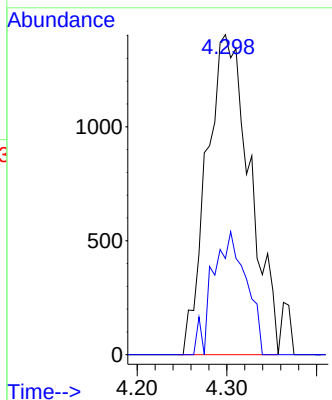
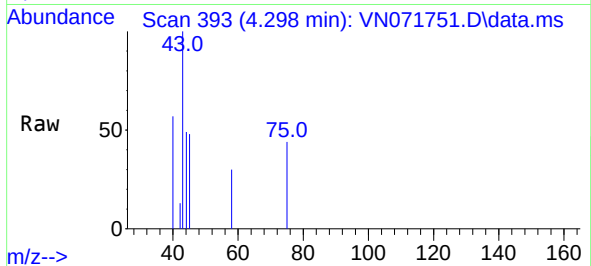




#16
Acetone
Concen: 1.552 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.023 min
Lab File: VN071751.D
Acq: 01 Apr 2022 14:31

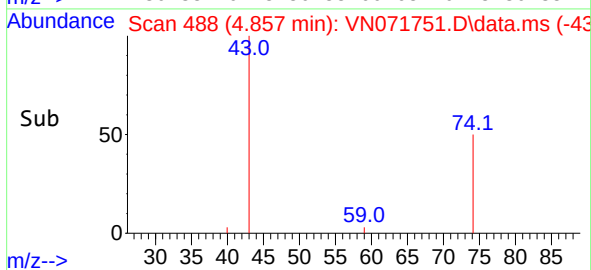
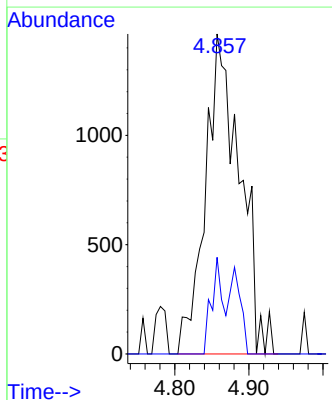
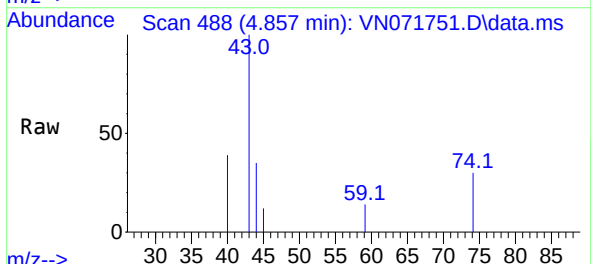
Instrument :
MSVOA_N
ClientSampleId :
MW-1781-20220322

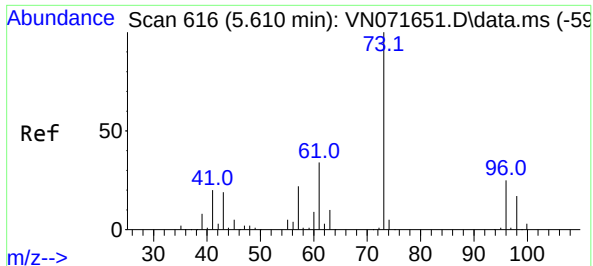
Tgt Ion: 43 Resp: 4678
Ion Ratio Lower Upper
43 100
58 30.1 26.0 39.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN071751.D
Acq: 01 Apr 2022 14:31

Tgt Ion: 43 Resp: 4730
Ion Ratio Lower Upper
43 100
74 9.8 21.6 32.4#

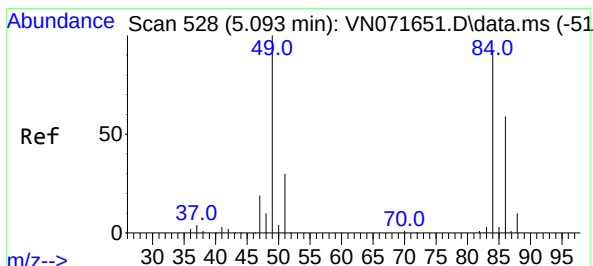
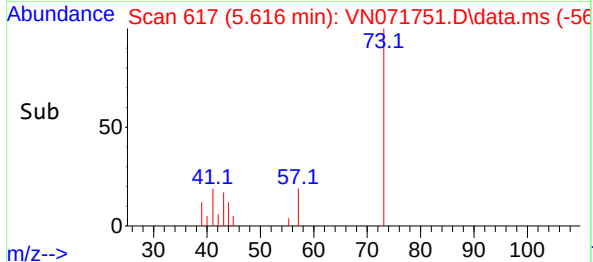
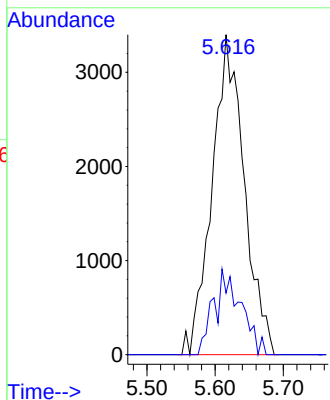
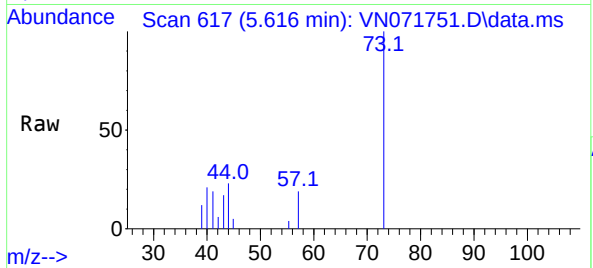




#19
Methyl tert-butyl Ether
Concen: 0.588 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN071751.D
Acq: 01 Apr 2022 14:31

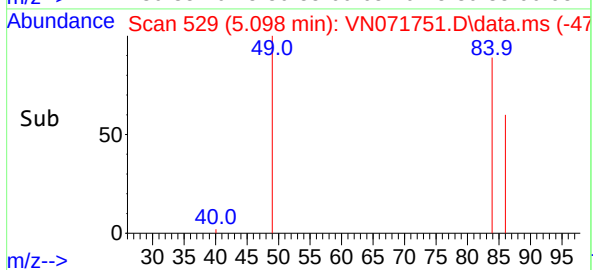
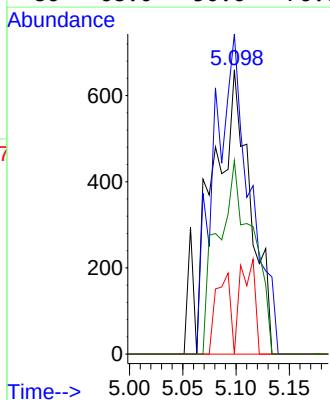
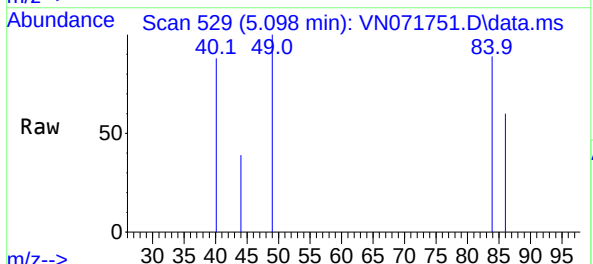
Instrument :
MSVOA_N
ClientSampleId :
MW-178I-20220322

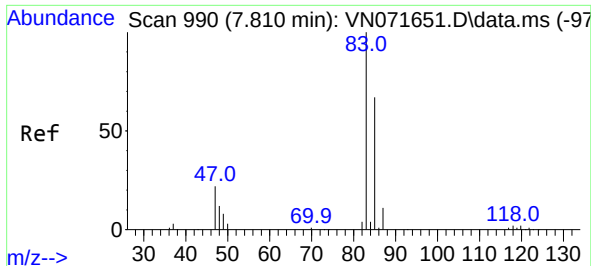
Tgt Ion: 73 Resp: 11144
Ion Ratio Lower Upper
73 100
57 19.3 17.6 26.4



#20
Methylene Chloride
Concen: 0.263 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071751.D
Acq: 01 Apr 2022 14:31

Tgt Ion: 84 Resp: 1671
Ion Ratio Lower Upper
84 100
49 112.6 88.3 132.5
51 0.0 28.2 42.2#
86 68.0 50.6 76.0





#30

Chloroform

Concen: 0.323 ug/l

RT: 7.822 min Scan# 990

Delta R.T. 0.012 min

Lab File: VN071751.D

Acq: 01 Apr 2022 14:31

Instrument :

MSVOA_N

ClientSampleId :

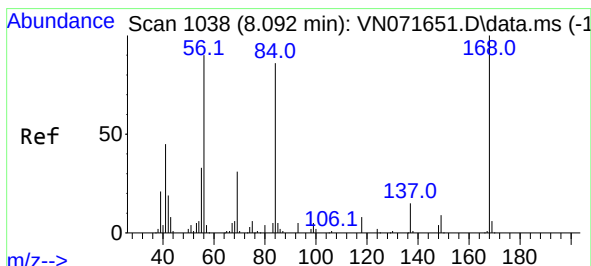
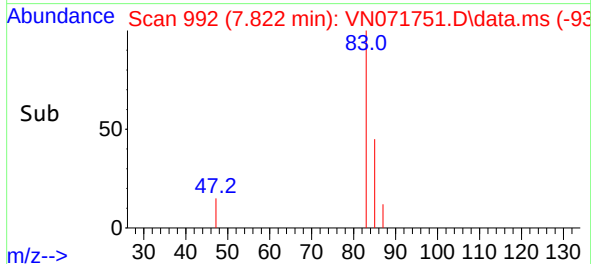
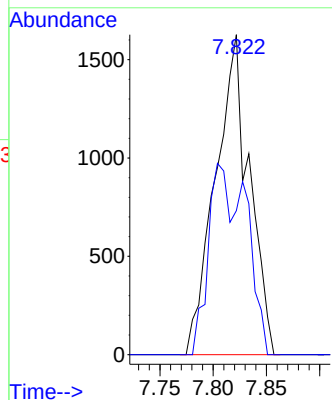
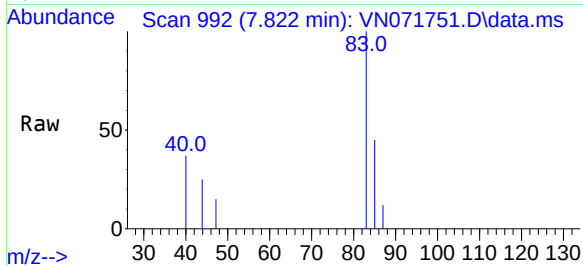
MW-178I-20220322

Tgt Ion: 83 Resp: 3603

Ion Ratio Lower Upper

83 100

85 45.0 51.8 77.8#



#31

Cyclohexane

Concen: 1.157 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VN071751.D

Acq: 01 Apr 2022 14:31

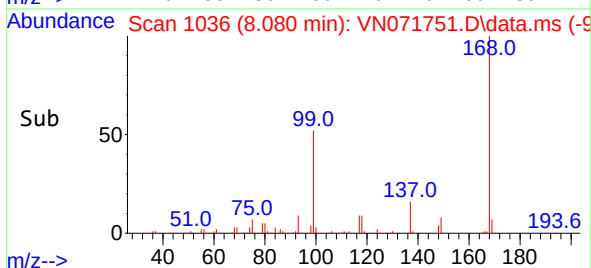
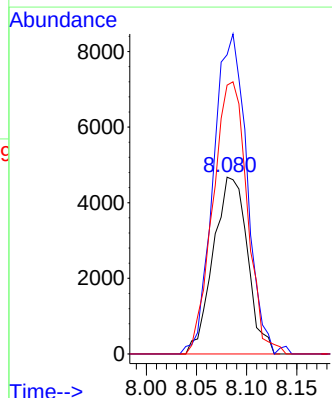
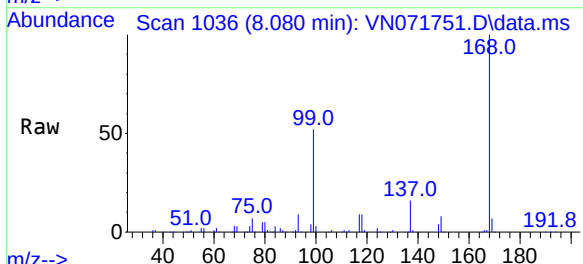
Tgt Ion: 56 Resp: 11094

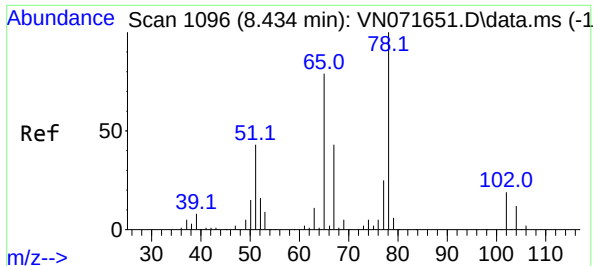
Ion Ratio Lower Upper

56 100

69 169.1 27.8 41.8#

84 152.0 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 50.540 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN071751.D

Acq: 01 Apr 2022 14:31

Instrument :

MSVOA_N

ClientSampleId :

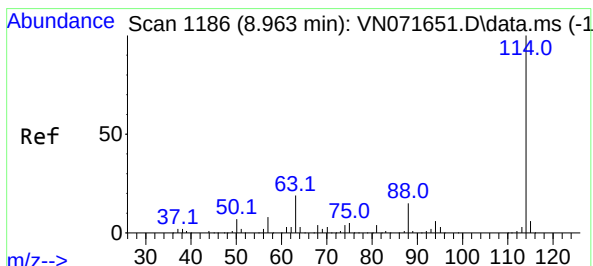
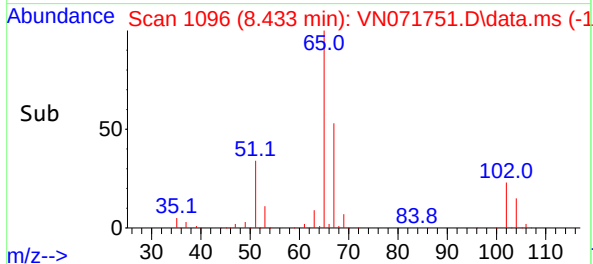
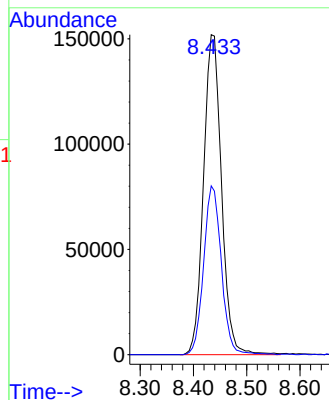
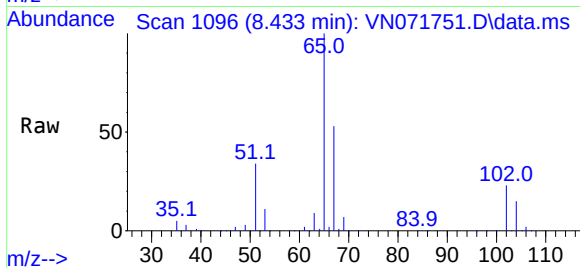
MW-178I-20220322

Tgt Ion: 65 Resp: 356474

Ion Ratio Lower Upper

65 100

67 52.0 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: VN071751.D

Acq: 01 Apr 2022 14:31

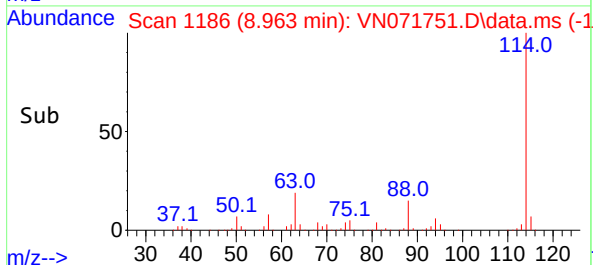
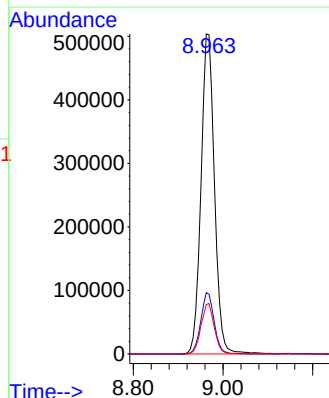
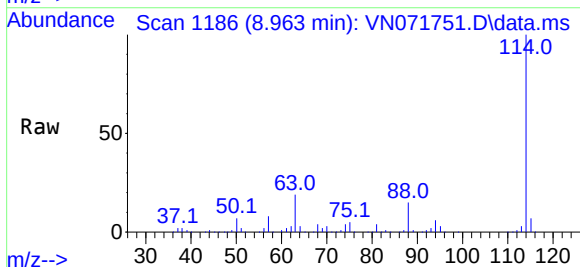
Tgt Ion: 114 Resp: 1048225

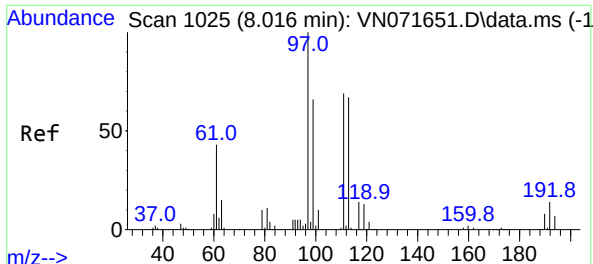
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 15.5 0.0 32.6

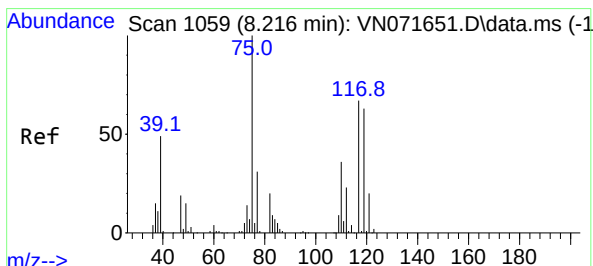
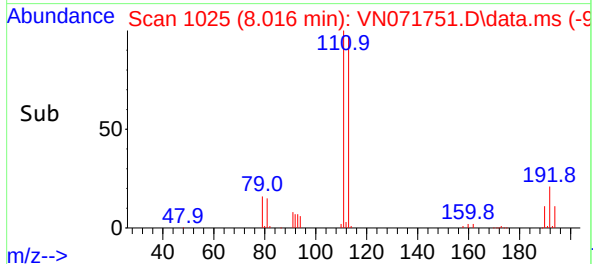
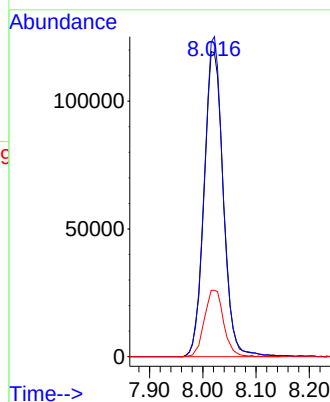
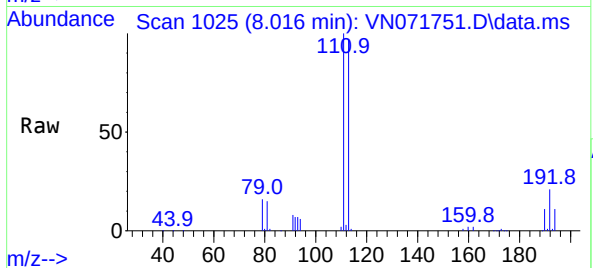




#35
Dibromofluoromethane
Concen: 48.683 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071751.D
Acq: 01 Apr 2022 14:31

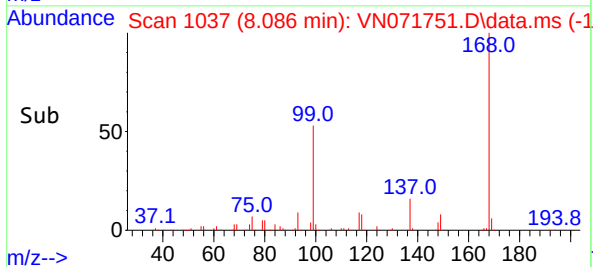
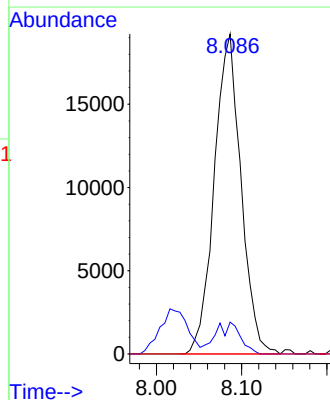
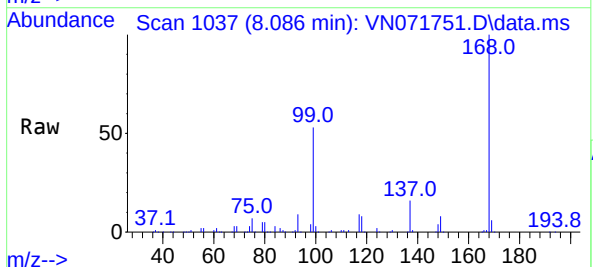
Instrument :
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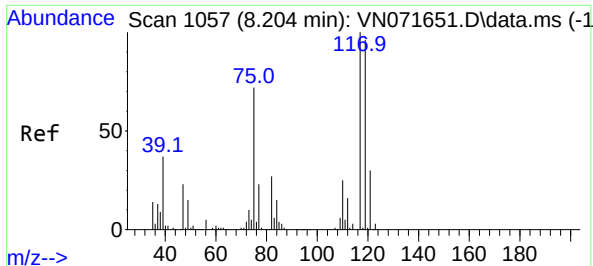
Tgt Ion:113 Resp: 300284
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 21.9 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.860 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.130 min
Lab File: VN071751.D
Acq: 01 Apr 2022 14:31

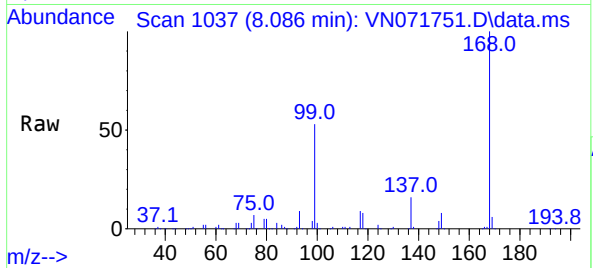
Tgt Ion: 75 Resp: 41862
Ion Ratio Lower Upper
75 100
110 2.8 18.3 54.8#
77 0.0 25.1 37.7#



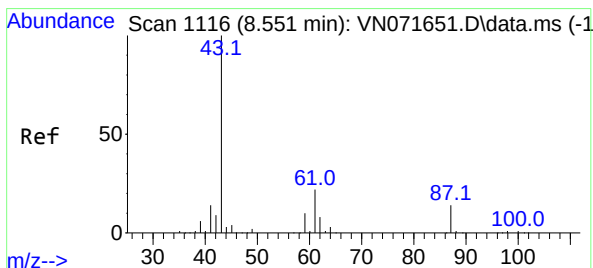
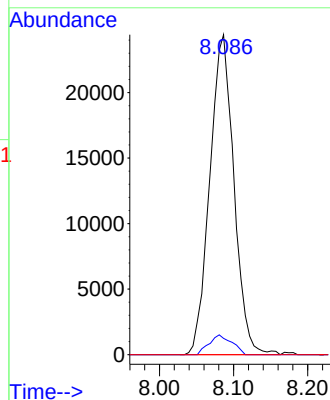
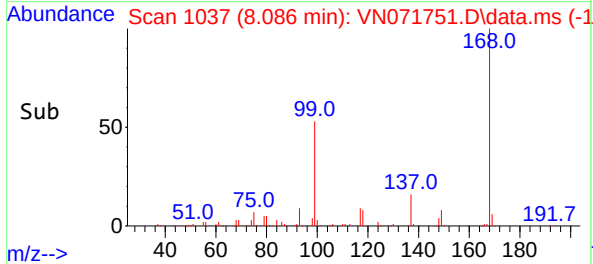


#38
Carbon Tetrachloride
Concen: 6.552 ug/l
RT: 8.086 min Scan# 1124
Delta R.T. -0.118 min
Lab File: VN071751.D
Acq: 01 Apr 2022 14:31

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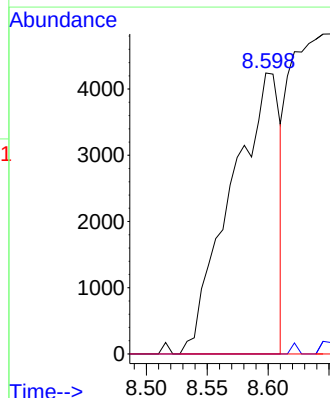
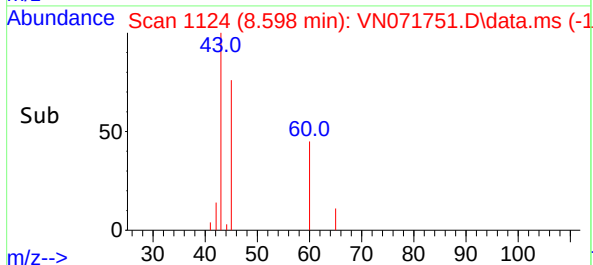
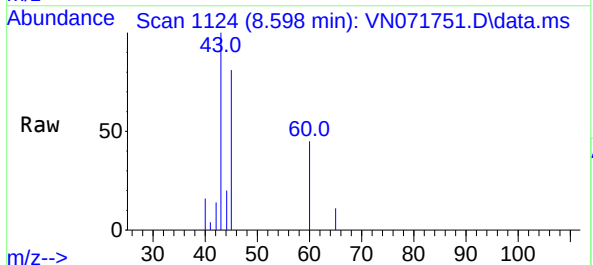


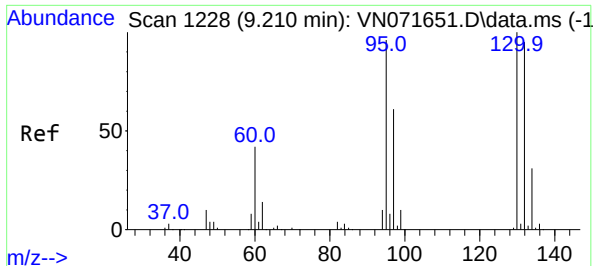
Tgt Ion:117 Resp: 55308
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.754 ug/l
RT: 8.598 min Scan# 1124
Delta R.T. 0.047 min
Lab File: VN071751.D
Acq: 01 Apr 2022 14:31

Tgt Ion: 43 Resp: 11819
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

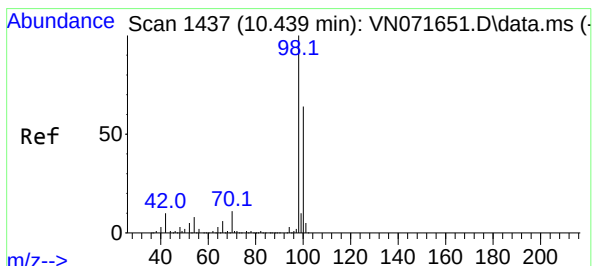
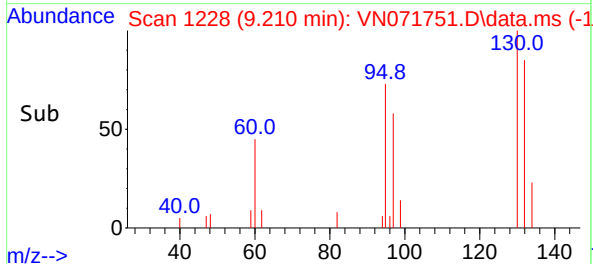
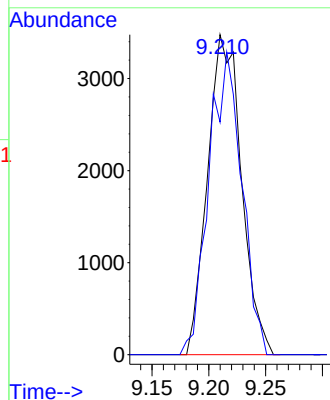
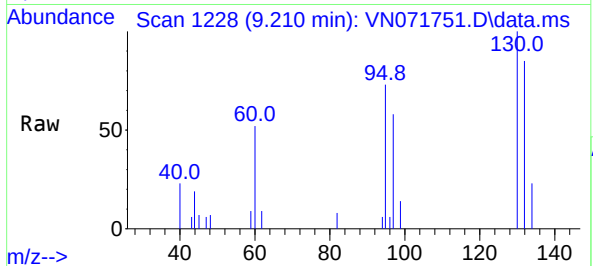




#44
Trichloroethene
Concen: 1.030 ug/l
RT: 9.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071751.D
Acq: 01 Apr 2022 14:31

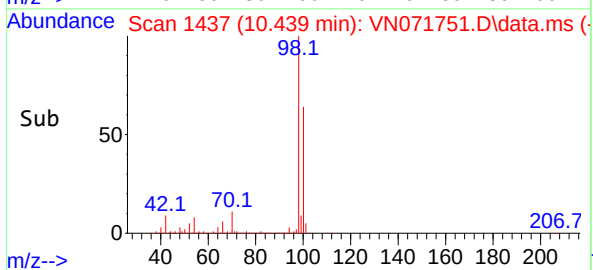
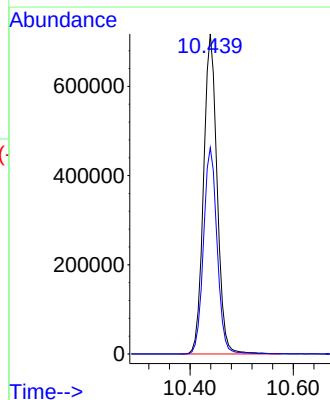
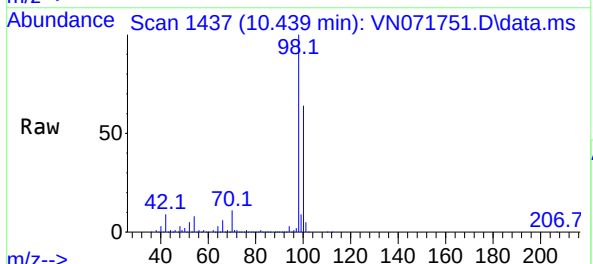
Instrument :
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ClientSampleId :
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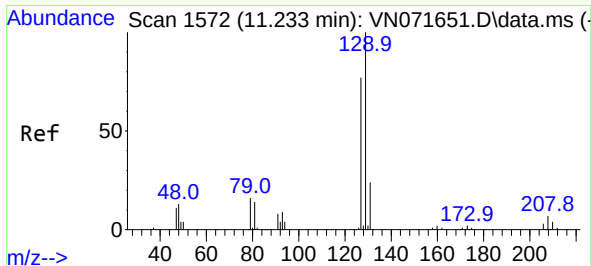
Tgt Ion:130 Resp: 7217
Ion Ratio Lower Upper
130 100
95 72.7 0.0 186.8



#50
Toluene-d8
Concen: 51.623 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071751.D
Acq: 01 Apr 2022 14:31

Tgt Ion: 98 Resp: 1302593
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

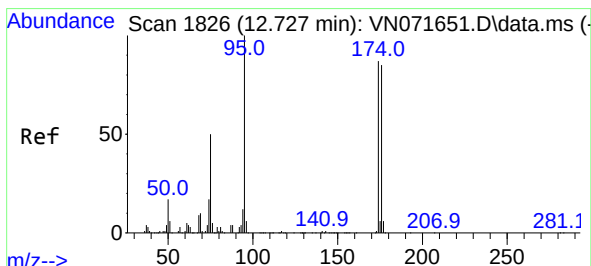
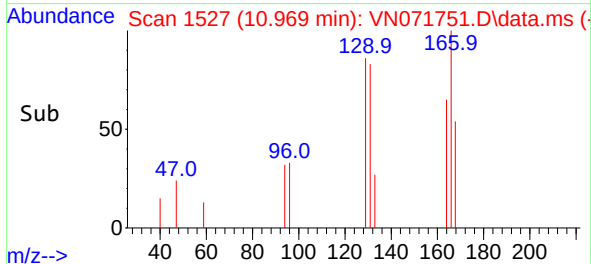
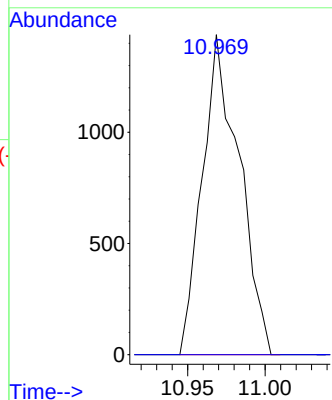
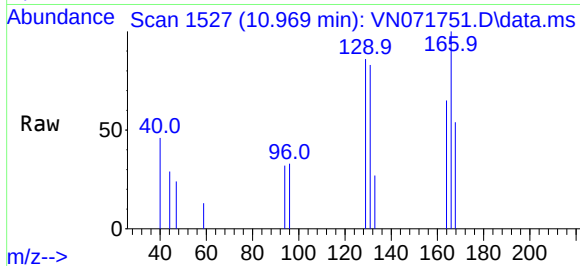




#60
Dibromochloromethane
Concen: 0.345 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.264 min
Lab File: VN071751.D
Acq: 01 Apr 2022 14:31

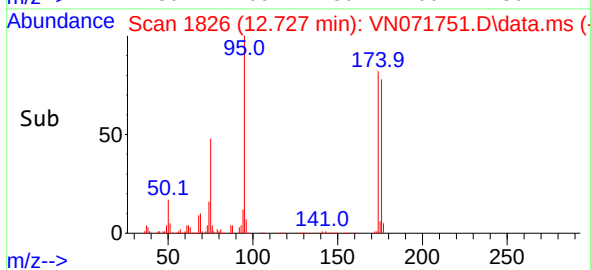
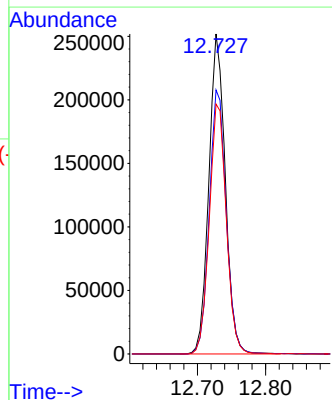
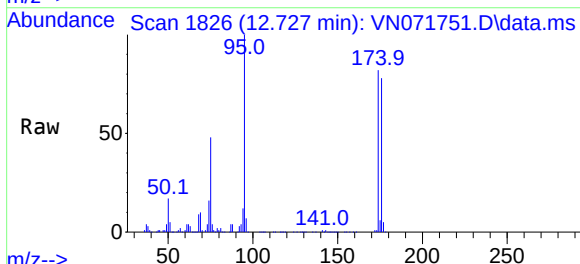
Instrument :
MSVOA_N
ClientSampleId :
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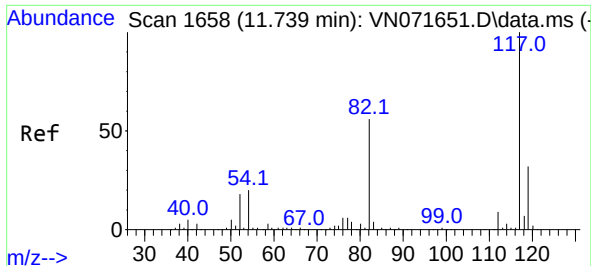
Tgt Ion:129 Resp: 2381
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 51.740 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071751.D
Acq: 01 Apr 2022 14:31

Tgt Ion: 95 Resp: 422234
Ion Ratio Lower Upper
95 100
174 85.1 0.0 167.6
176 80.9 0.0 163.4

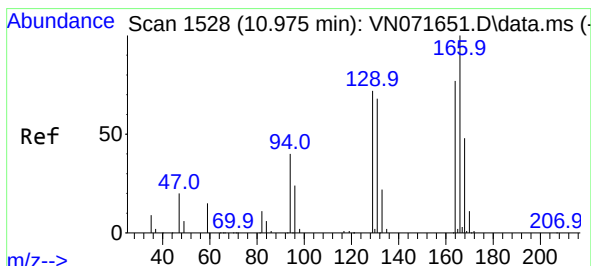
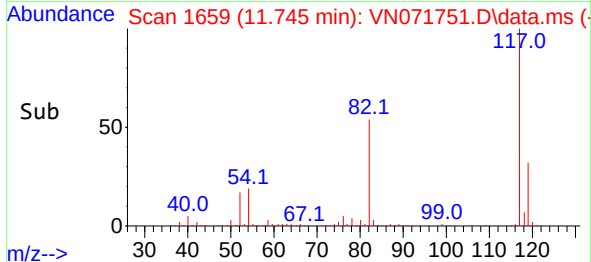
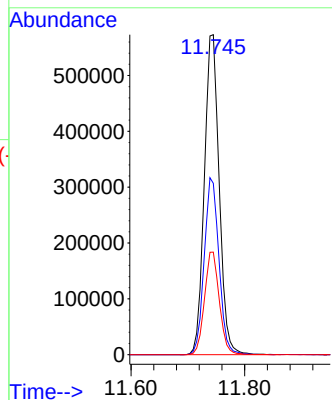
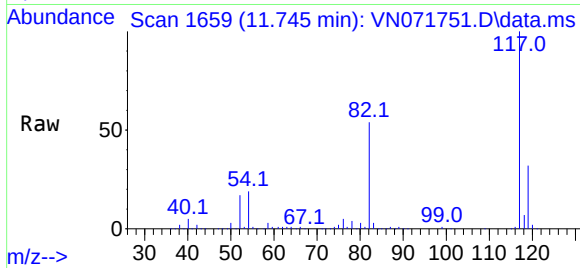




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN071751.D
Acq: 01 Apr 2022 14:31

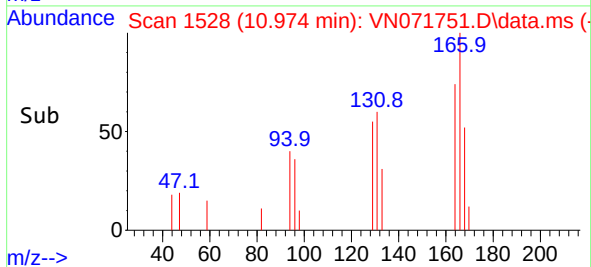
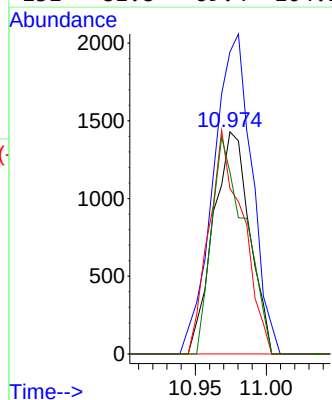
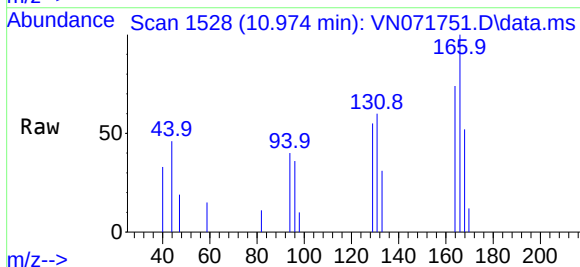
Instrument :
MSVOA_N
ClientSampleId :
MW-178I-20220322

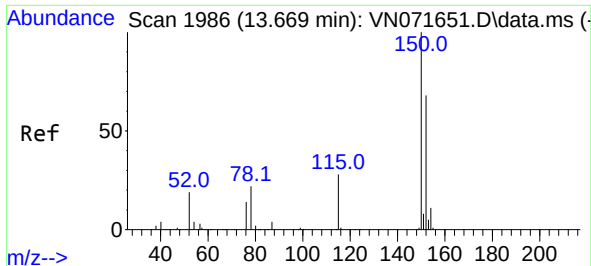
Tgt Ion:117 Resp: 1039291
Ion Ratio Lower Upper
117 100
82 53.5 44.2 66.2
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 0.371 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN071751.D
Acq: 01 Apr 2022 14:31

Tgt Ion:164 Resp: 2547
Ion Ratio Lower Upper
164 100
166 136.0 104.2 156.2
129 74.4 73.9 110.9
131 81.8 69.4 104.2

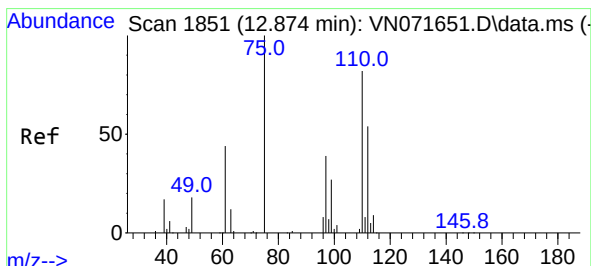
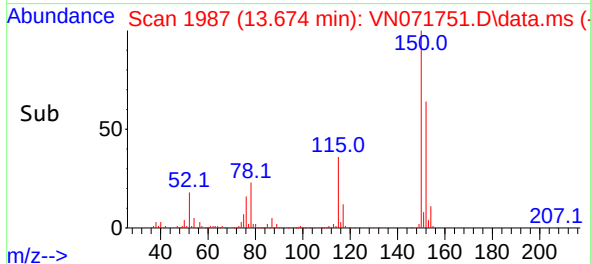
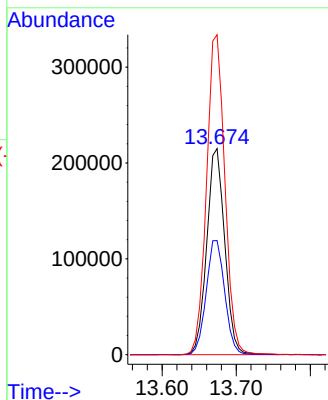
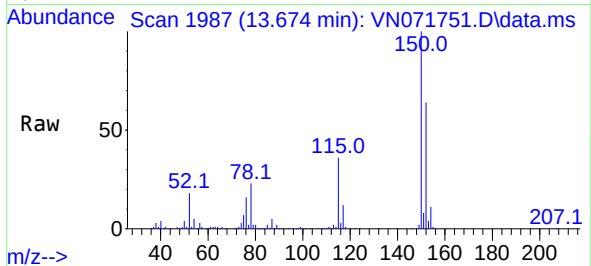




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1986
 Delta R.T. 0.005 min
 Lab File: VN071751.D
 Acq: 01 Apr 2022 14:31

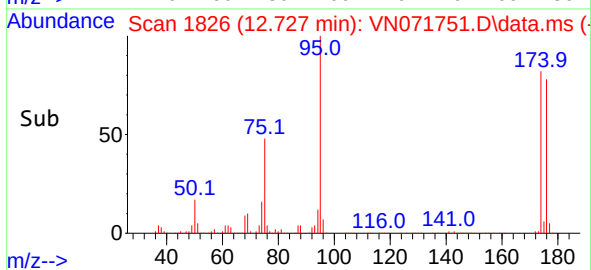
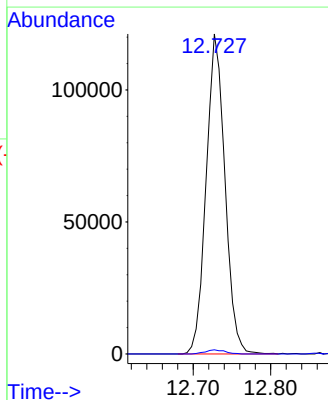
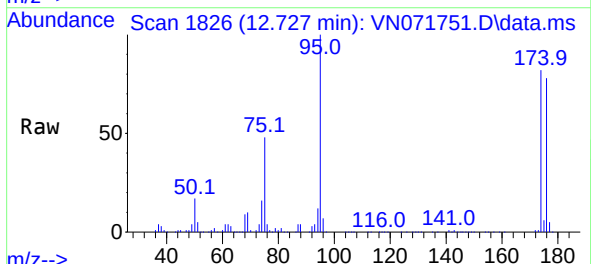
Instrument :
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 ClientSampleId :
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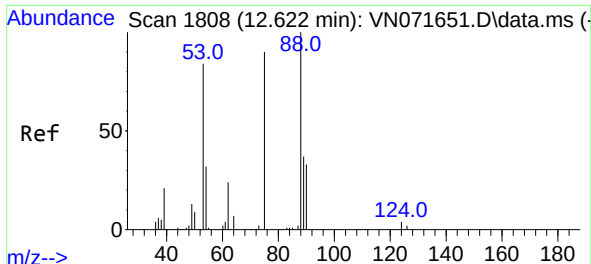
Tgt Ion:152 Resp: 363839
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.9 86.7
 150 157.7 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 24.184 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN071751.D
 Acq: 01 Apr 2022 14:31

Tgt Ion: 75 Resp: 203834
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#

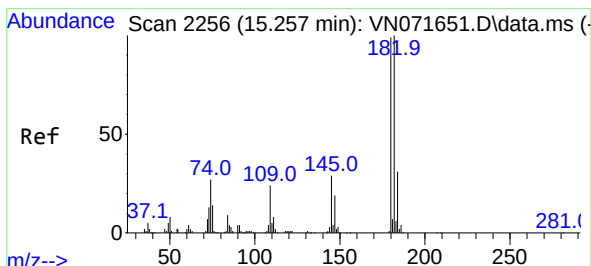
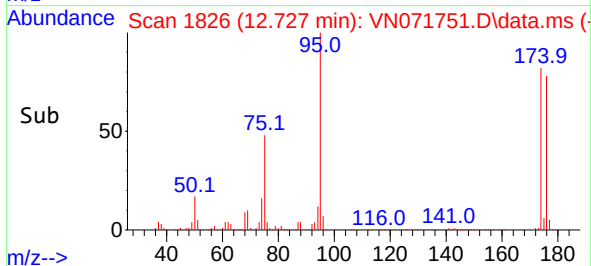
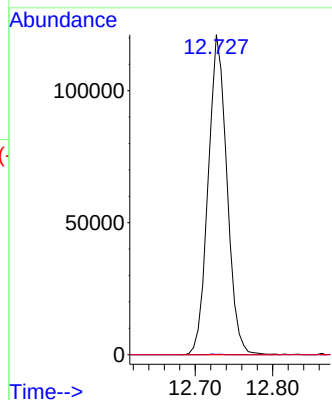
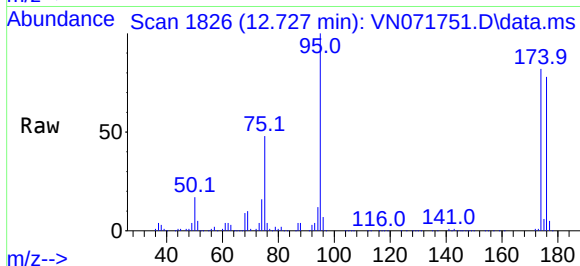




#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.944 ug/l
 RT: 12.727 min Scan# 1808
 Delta R.T. 0.105 min
 Lab File: VN071751.D
 Acq: 01 Apr 2022 14:31

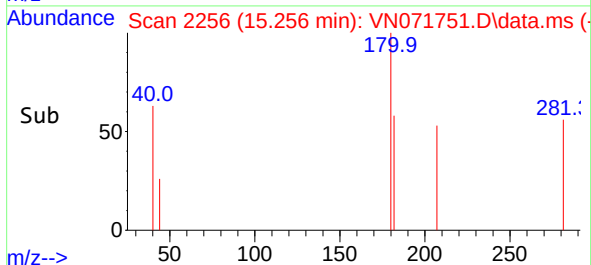
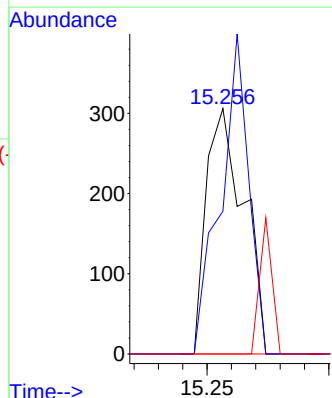
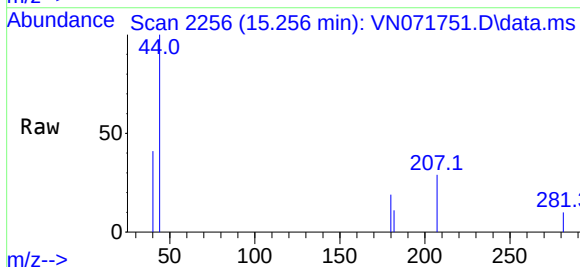
Instrument :
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 ClientSampleId :
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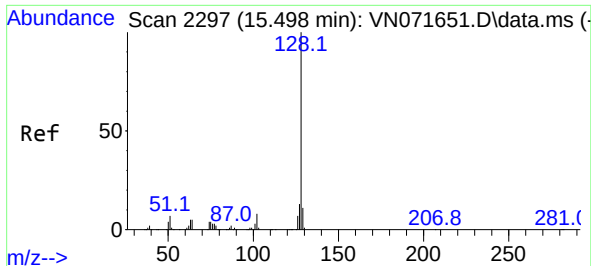
Tgt Ion: 75 Resp: 203834
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.0 117.0#
 89 0.0 37.2 55.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.140 ug/l
 RT: 15.256 min Scan# 2256
 Delta R.T. -0.001 min
 Lab File: VN071751.D
 Acq: 01 Apr 2022 14:31

Tgt Ion: 180 Resp: 328
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.5 142.5
 145 18.3 14.5 43.5

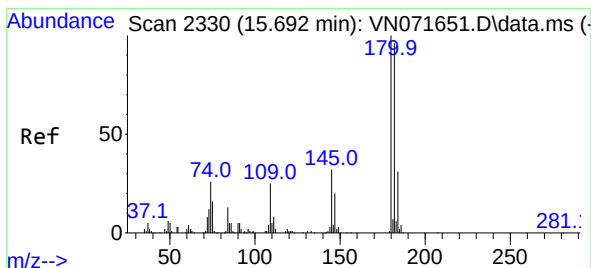
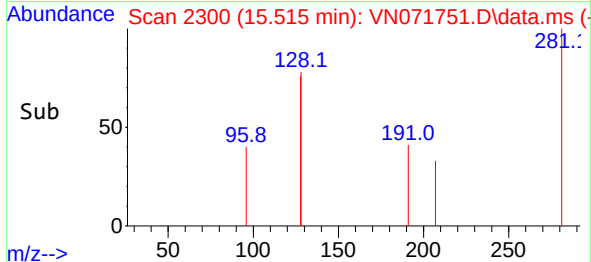
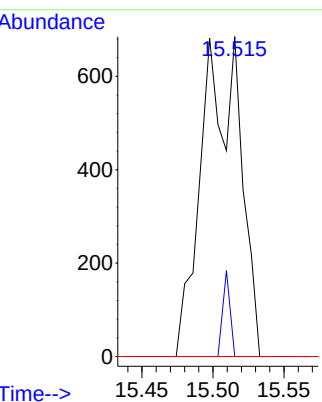
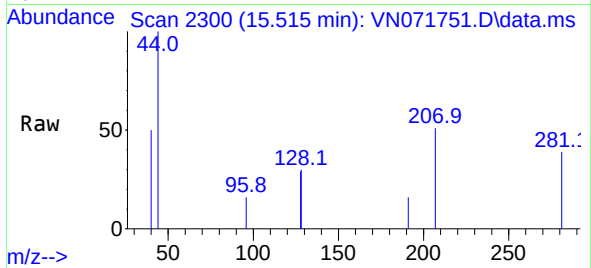




#95
Naphthalene
Concen: 3.875 ug/l
RT: 15.515 min Scan# 21
Delta R.T. 0.017 min
Lab File: VN071751.D
Acq: 01 Apr 2022 14:31

Instrument :
MSVOA_N
ClientSampleId :
MW-1781-20220322

Tgt Ion:128 Resp: 1285
Ion Ratio Lower Upper
128 100
127 5.1 10.3 15.5#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.480 ug/l
RT: 15.704 min Scan# 2332
Delta R.T. 0.012 min
Lab File: VN071751.D
Acq: 01 Apr 2022 14:31

Tgt Ion:180 Resp: 389
Ion Ratio Lower Upper
180 100
182 97.9 47.8 143.3
145 0.0 15.5 46.5#

