

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071781.D
 Acq On : 02 Apr 2022 03:22
 Operator : JC\MD
 Sample : N2222-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-20

Quant Time: Apr 02 05:34:13 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)

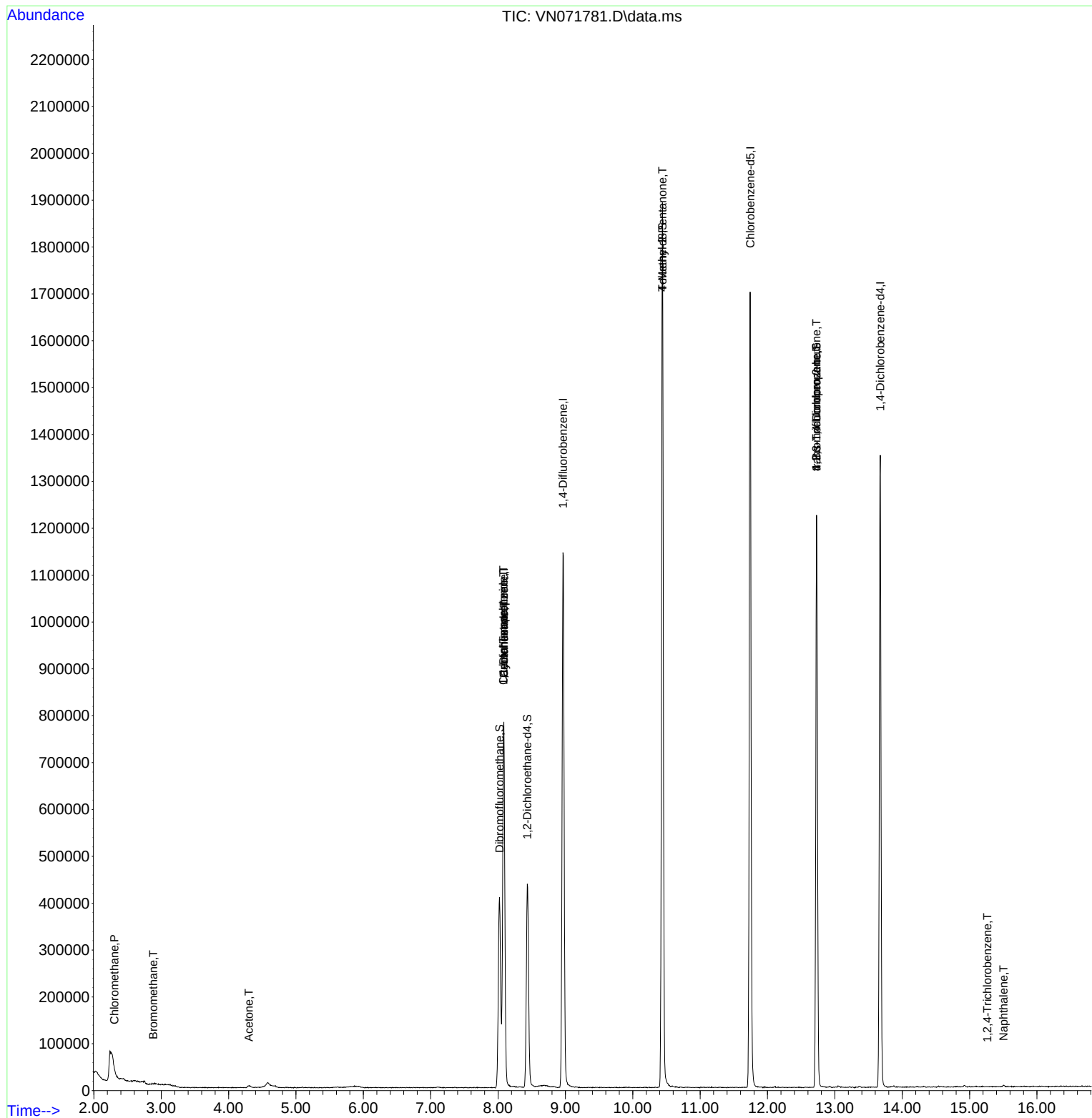
Internal Standards						
1) Pentafluorobenzene	8.086	168	638073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1082244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1087054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	395711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	368331	50.565	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.120%
35) Dibromofluoromethane	8.022	113	308421	48.430	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.860%
50) Toluene-d8	10.439	98	1349086	51.785	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.580%
62) 4-Bromofluorobenzene	12.727	95	445428	52.867	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.740%
Target Compounds						
						Qvalue
3) Chloromethane	2.304	50	2100	0.327	ug/l	96
5) Bromomethane	2.881	94	1140	0.248	ug/l	85
16) Acetone	4.298	43	6485	2.083	ug/l #	77
18) Methyl Acetate	4.857	43	1962	Below Cal	#	62
31) Cyclohexane	8.086	56	11348	1.146	ug/l #	13
36) 1,1-Dichloropropene	8.081	75	44806	5.038	ug/l #	48
38) Carbon Tetrachloride	8.081	117	56335	6.464	ug/l #	16
51) 4-Methyl-2-Pentanone	10.439	43	5044	0.542	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	216011	23.564	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	216011	73.024	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.262	180	122	2.104	ug/l #	12
95) Naphthalene	15.504	128	3508	3.983	ug/l #	84

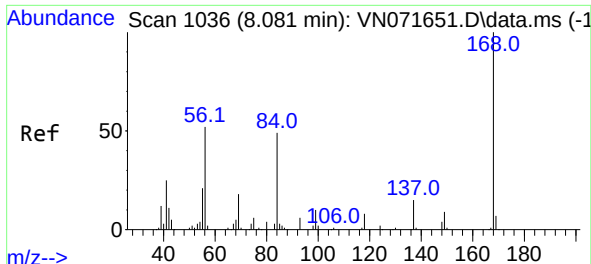
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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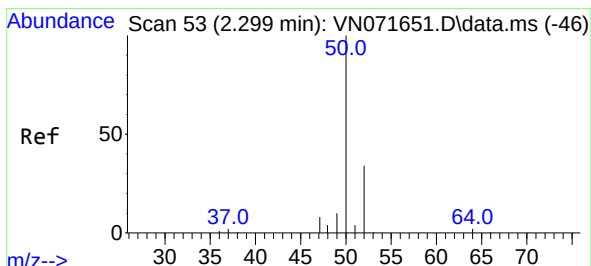
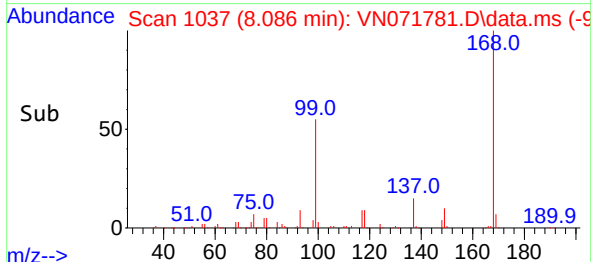
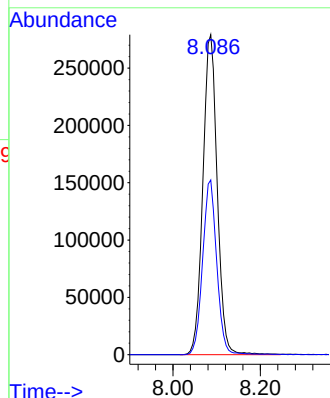
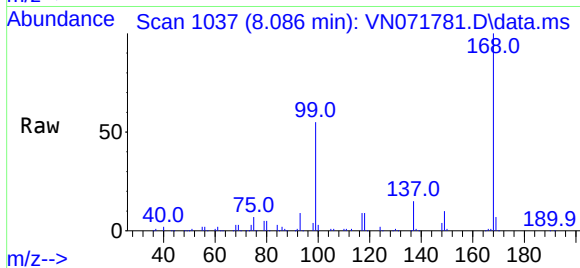




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071781.D
Acq: 02 Apr 2022 03:22

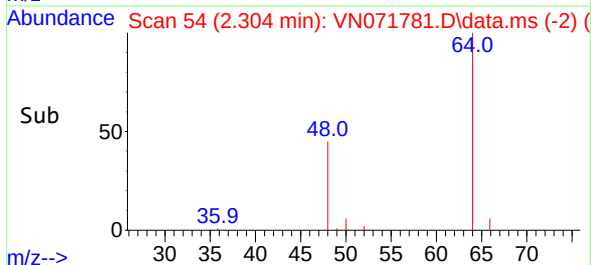
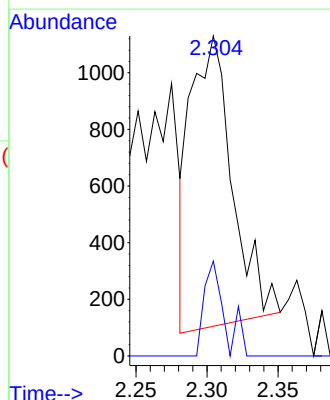
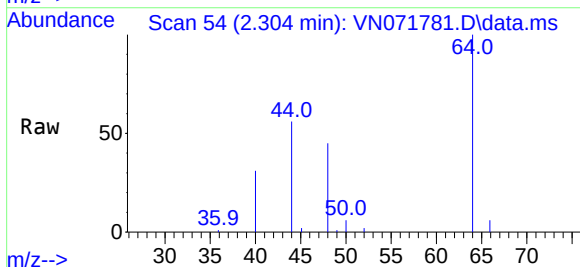
Instrument :
MSVOA_N
ClientSampleId :
MW-20

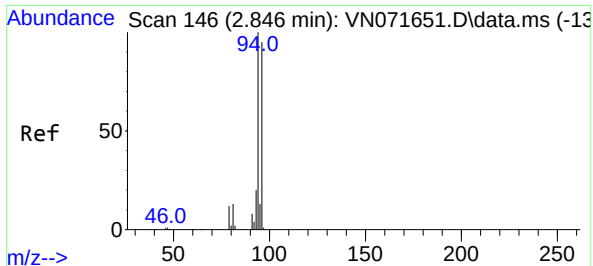
Tgt Ion:168 Resp: 638073
Ion Ratio Lower Upper
168 100
99 54.6 42.3 63.5



#3
Chloromethane
Concen: 0.327 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN071781.D
Acq: 02 Apr 2022 03:22

Tgt Ion: 50 Resp: 2100
Ion Ratio Lower Upper
50 100
52 34.3 25.7 38.5

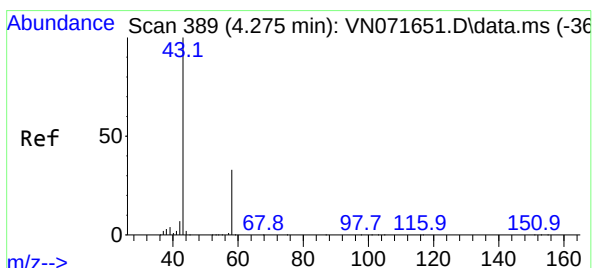
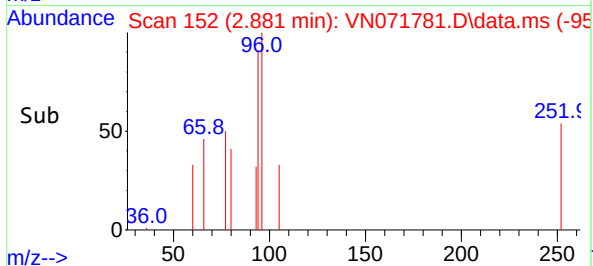
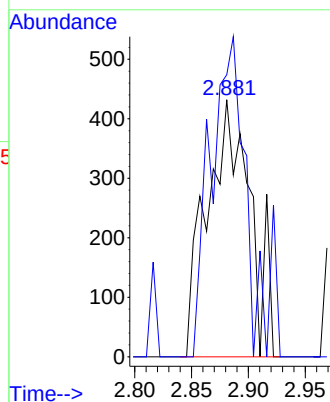
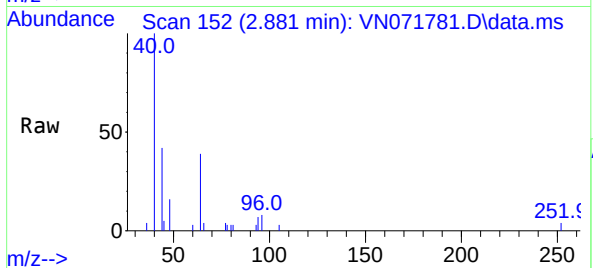




#5
Bromomethane
Concen: 0.248 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN071781.D
Acq: 02 Apr 2022 03:22

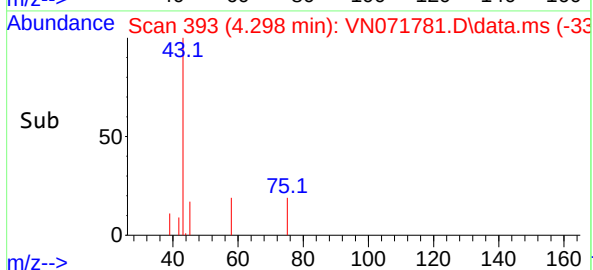
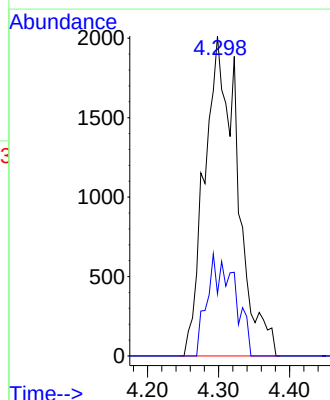
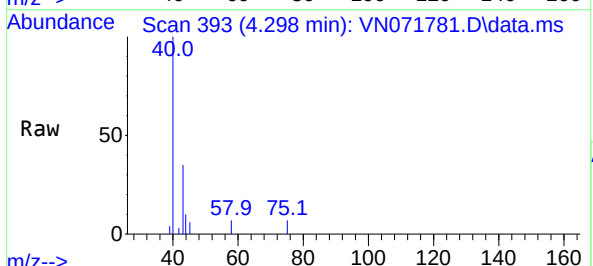
Instrument :
MSVOA_N
ClientSampleId :
MW-20

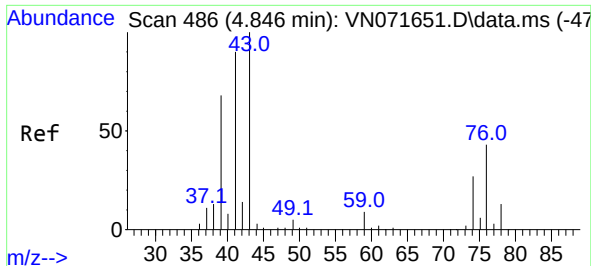
Tgt Ion: 94 Resp: 1140
Ion Ratio Lower Upper
94 100
96 109.7 76.0 114.0



#16
Acetone
Concen: 2.083 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.023 min
Lab File: VN071781.D
Acq: 02 Apr 2022 03:22

Tgt Ion: 43 Resp: 6485
Ion Ratio Lower Upper
43 100
58 19.4 26.0 39.0#

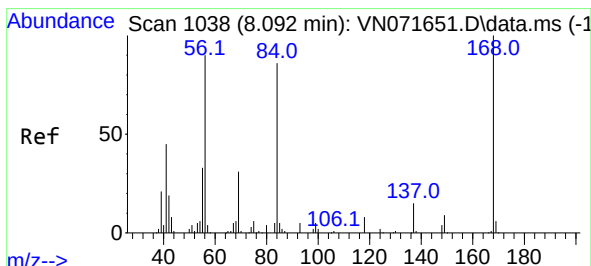
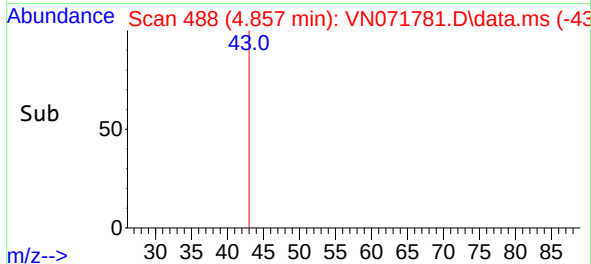
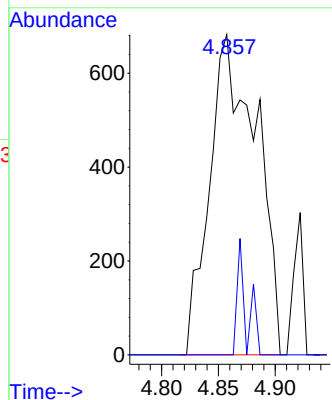
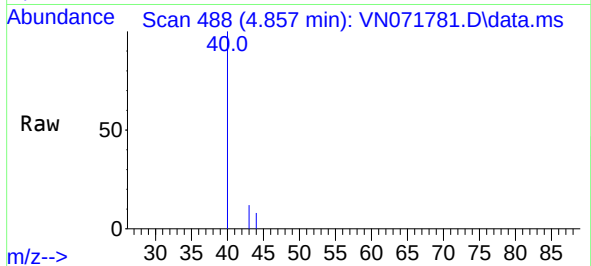




#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN071781.D
Acq: 02 Apr 2022 03:22

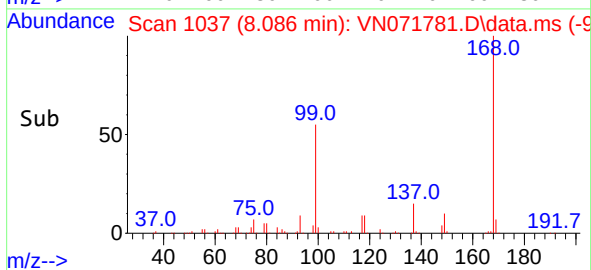
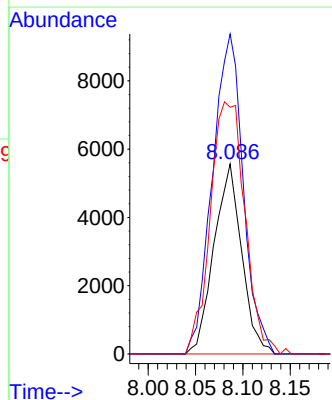
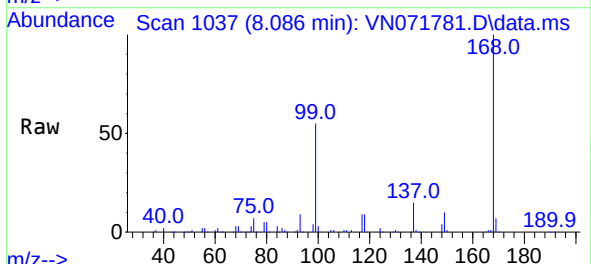
Instrument :
MSVOA_N
ClientSampleId :
MW-20

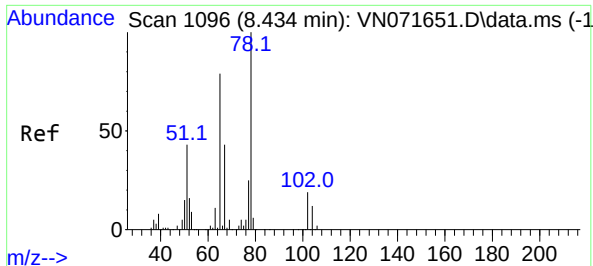
Tgt Ion: 43 Resp: 1962
Ion Ratio Lower Upper
43 100
74 7.2 21.6 32.4#



#31
Cyclohexane
Concen: 1.146 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071781.D
Acq: 02 Apr 2022 03:22

Tgt Ion: 56 Resp: 11348
Ion Ratio Lower Upper
56 100
69 168.4 27.8 41.8#
84 129.8 76.9 115.3#

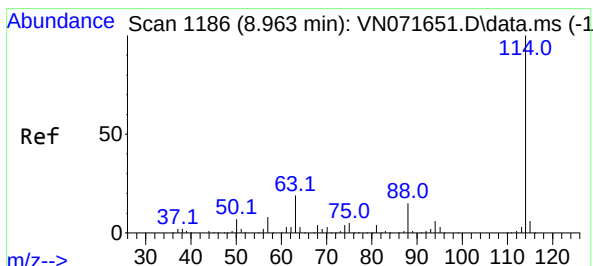
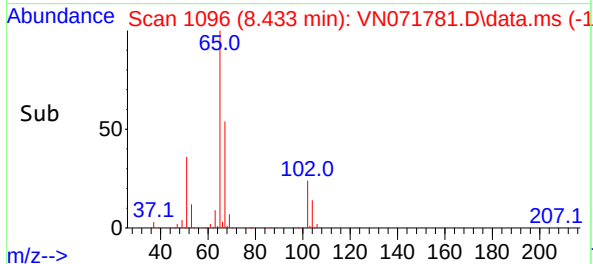
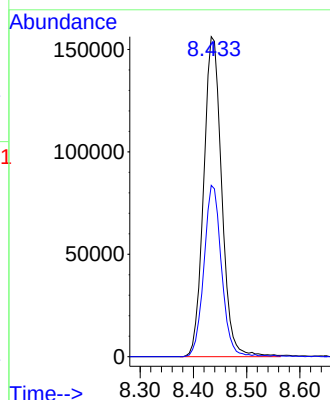
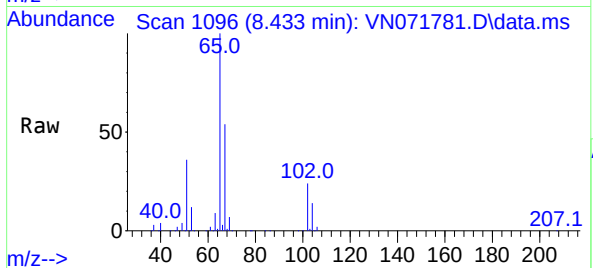




#33
1,2-Dichloroethane-d4
Concen: 50.565 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071781.D
Acq: 02 Apr 2022 03:22

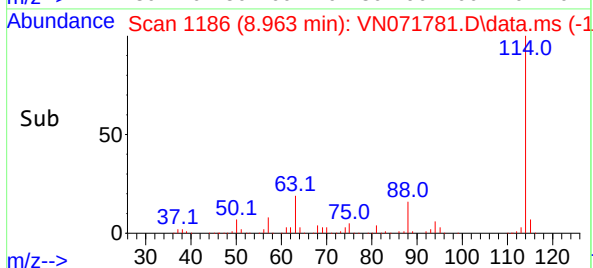
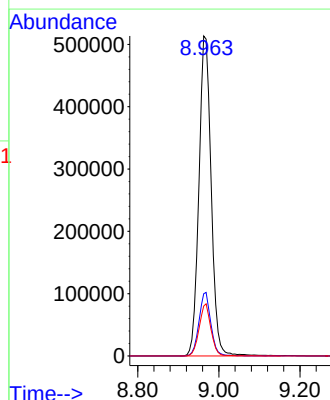
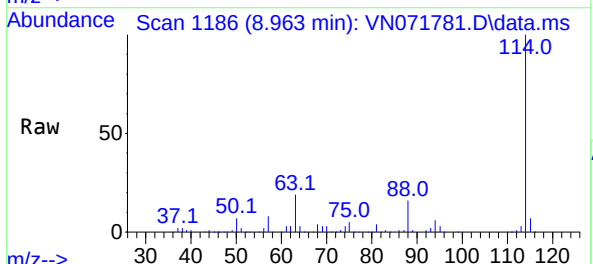
Instrument :
MSVOA_N
ClientSampleId :
MW-20

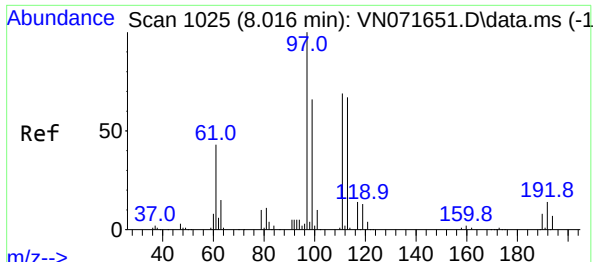
Tgt Ion: 65 Resp: 368331
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071781.D
Acq: 02 Apr 2022 03:22

Tgt Ion: 114 Resp: 1082244
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.0
88 15.6 0.0 32.6

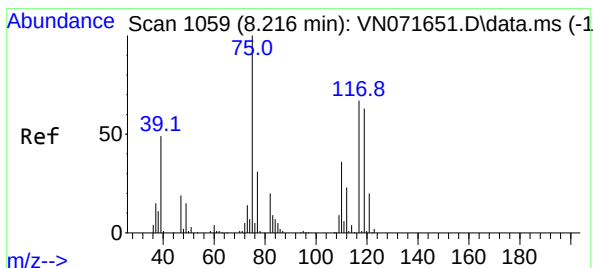
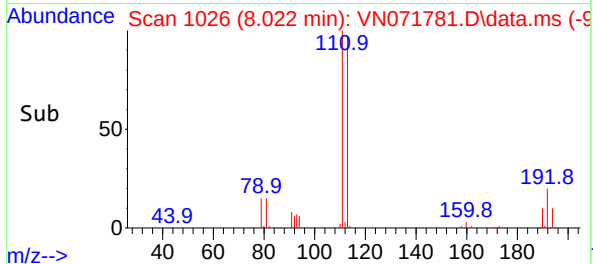
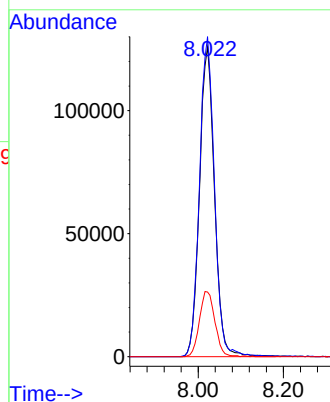
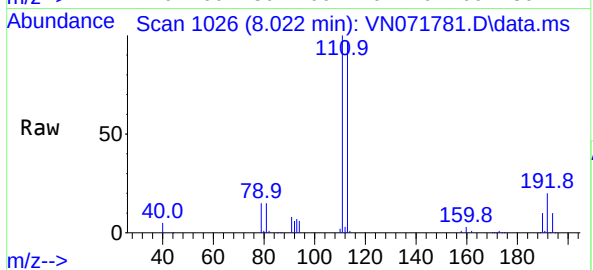




#35
Dibromofluoromethane
Concen: 48.430 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071781.D
Acq: 02 Apr 2022 03:22

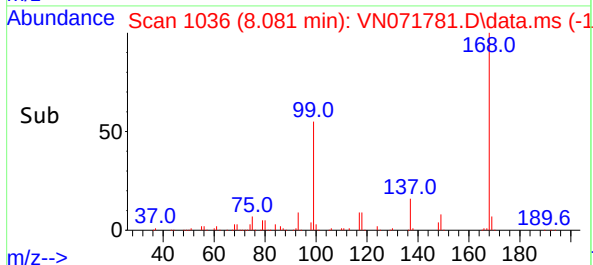
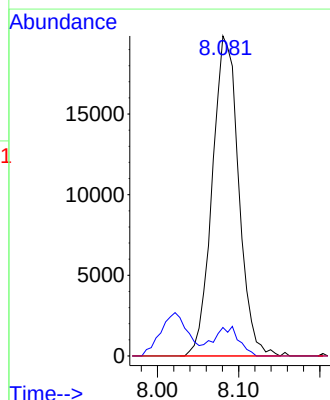
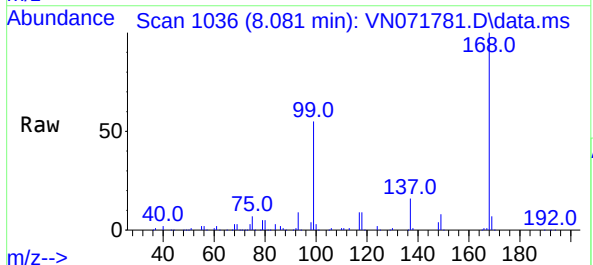
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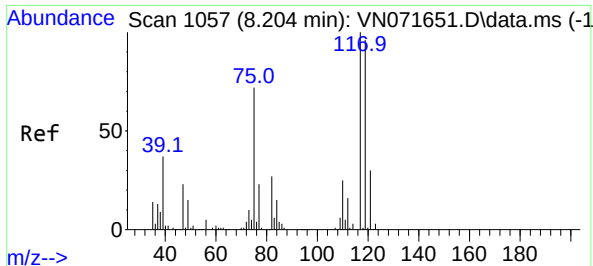
Tgt Ion:113 Resp: 308421
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 21.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.038 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071781.D
Acq: 02 Apr 2022 03:22

Tgt Ion: 75 Resp: 44806
Ion Ratio Lower Upper
75 100
110 8.4 18.3 54.8#
77 0.0 25.1 37.7#

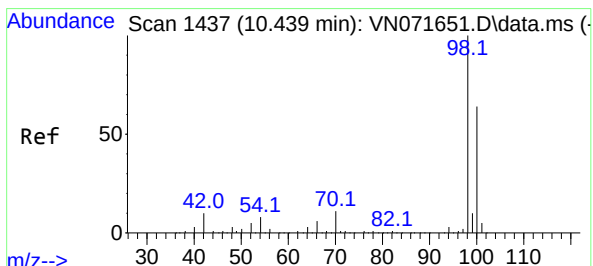
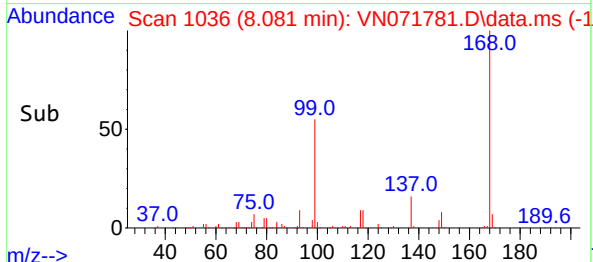
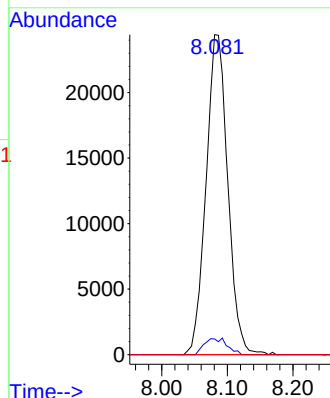
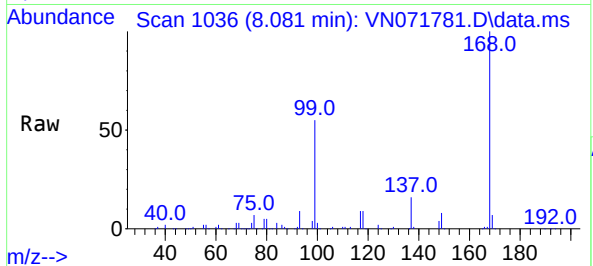




#38
Carbon Tetrachloride
Concen: 6.464 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.123 min
Lab File: VN071781.D
Acq: 02 Apr 2022 03:22

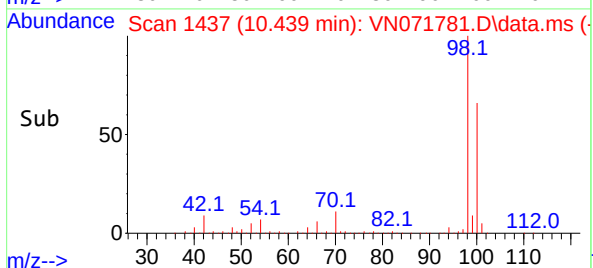
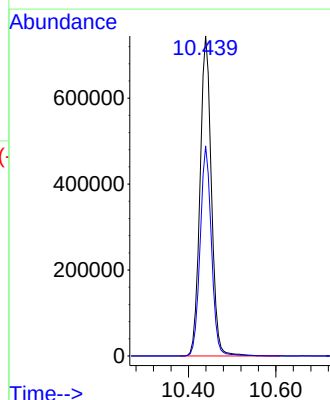
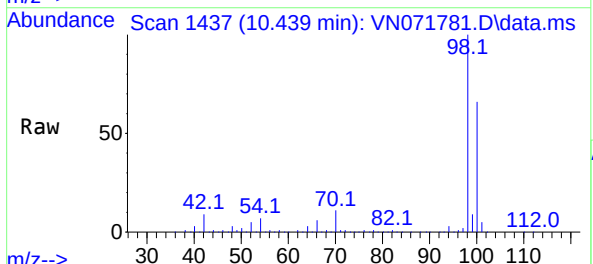
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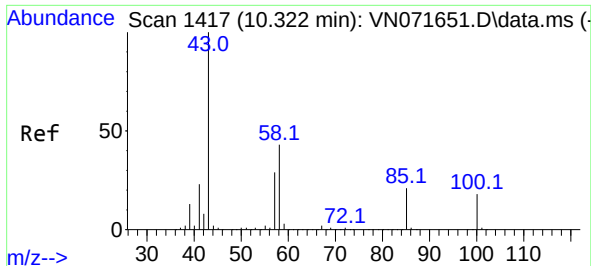
Tgt Ion:117 Resp: 56335
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 51.785 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071781.D
Acq: 02 Apr 2022 03:22

Tgt Ion: 98 Resp: 1349086
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

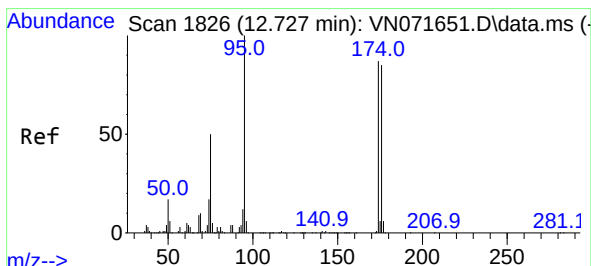
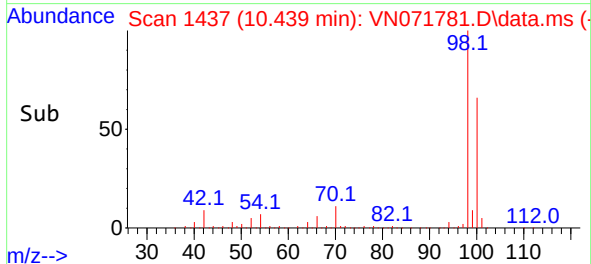
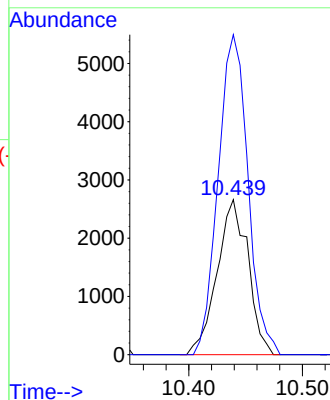
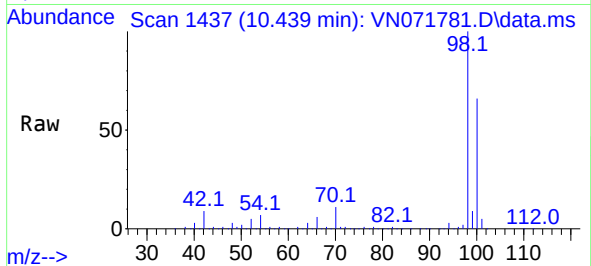




#51
4-Methyl-2-Pentanone
Concen: 0.542 ug/l
RT: 10.439 min Scan# 1417
Delta R.T. 0.117 min
Lab File: VN071781.D
Acq: 02 Apr 2022 03:22

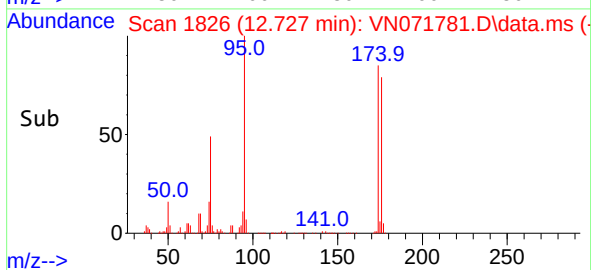
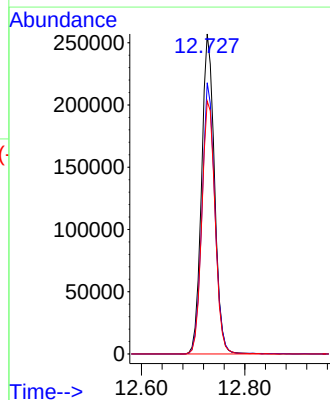
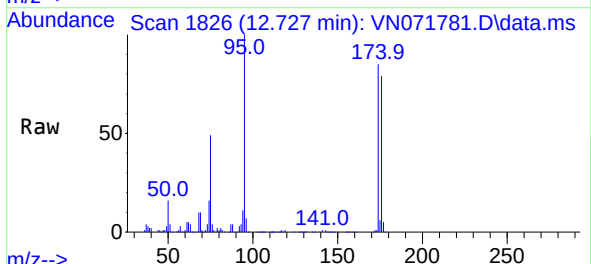
Instrument :
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MW-20

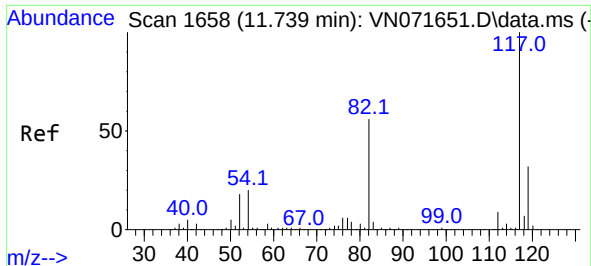
Tgt Ion: 43 Resp: 5044
Ion Ratio Lower Upper
43 100
58 198.7 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 52.867 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071781.D
Acq: 02 Apr 2022 03:22

Tgt Ion: 95 Resp: 445428
Ion Ratio Lower Upper
95 100
174 84.2 0.0 167.6
176 80.8 0.0 163.4

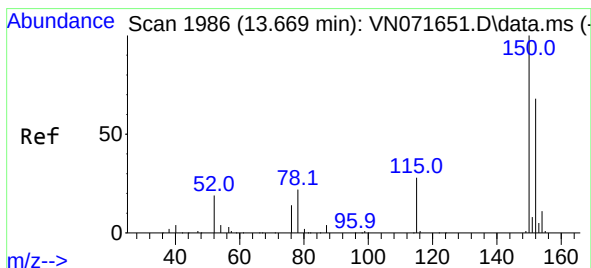
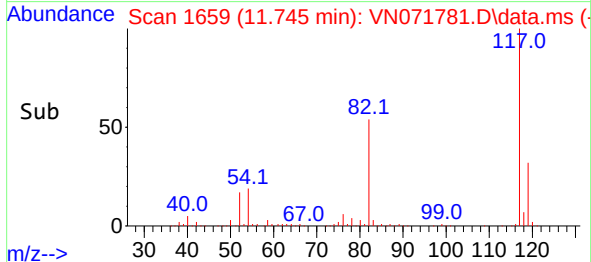
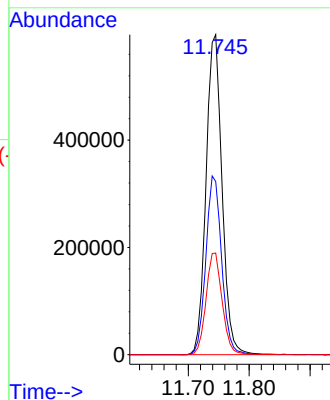
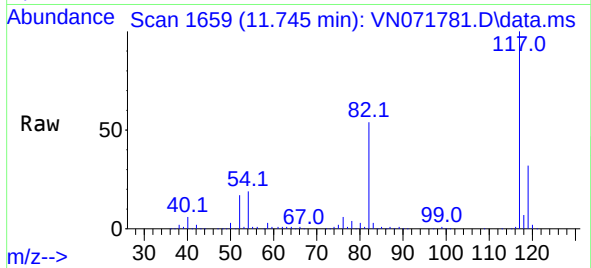




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN071781.D
Acq: 02 Apr 2022 03:22

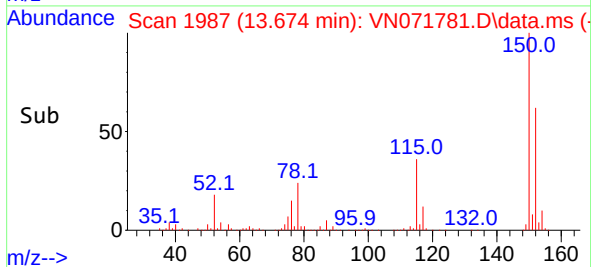
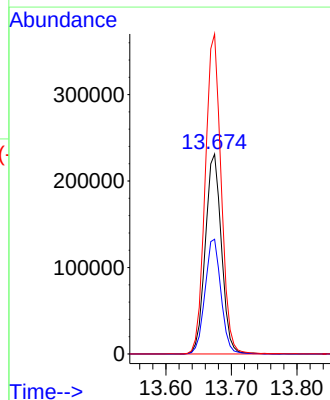
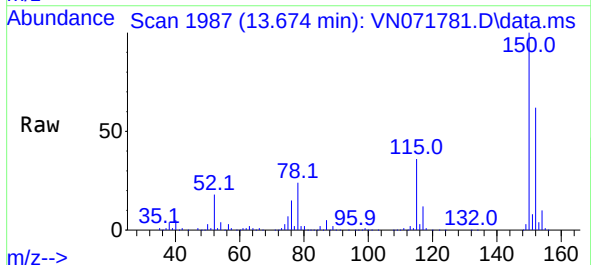
Instrument :
MSVOA_N
ClientSampleId :
MW-20

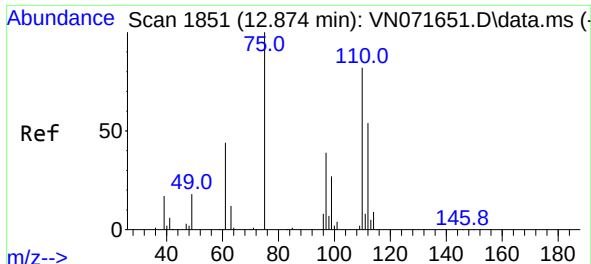
Tgt Ion:117 Resp: 1087054
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071781.D
Acq: 02 Apr 2022 03:22

Tgt Ion:152 Resp: 395711
Ion Ratio Lower Upper
152 100
115 57.0 28.9 86.7
150 158.2 0.0 356.2

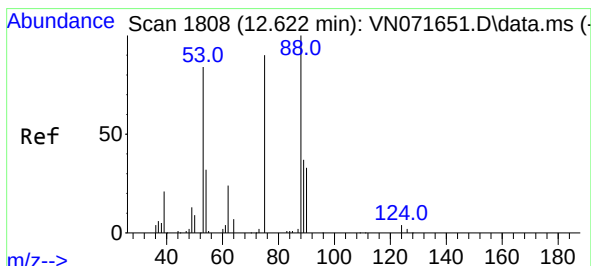
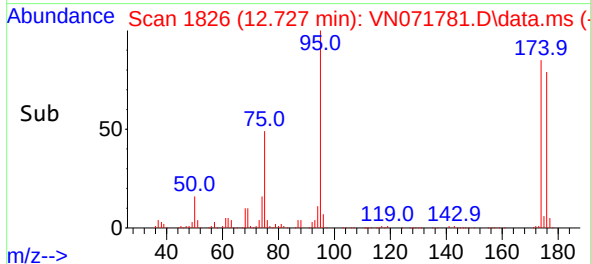
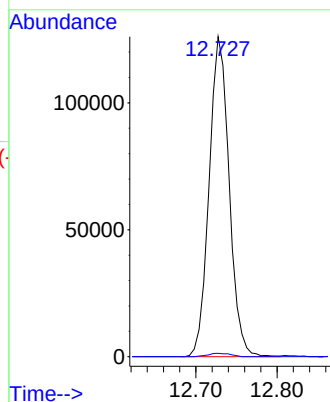
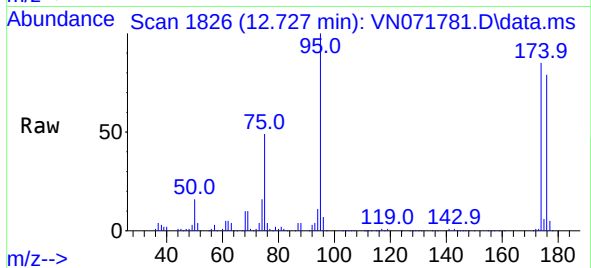




#76
1,2,3-Trichloropropane
Concen: 23.564 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071781.D
Acq: 02 Apr 2022 03:22

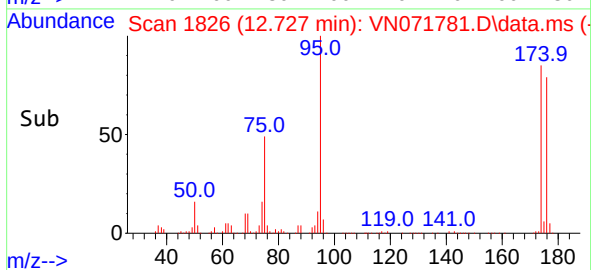
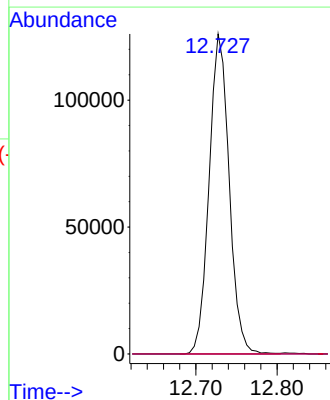
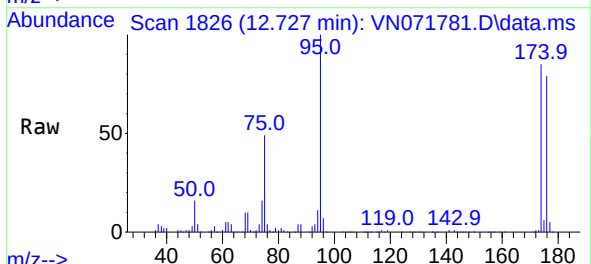
Instrument :
MSVOA_N
ClientSampleId :
MW-20

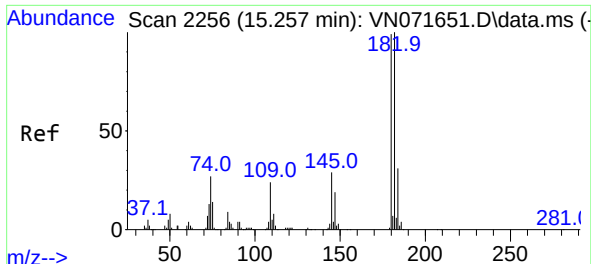
Tgt Ion: 75 Resp: 216011
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.024 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071781.D
Acq: 02 Apr 2022 03:22

Tgt Ion: 75 Resp: 216011
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

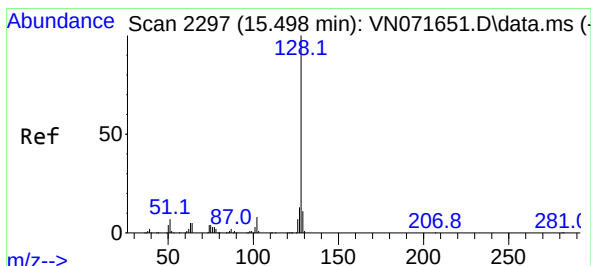
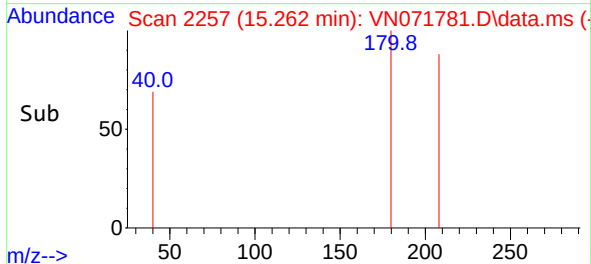
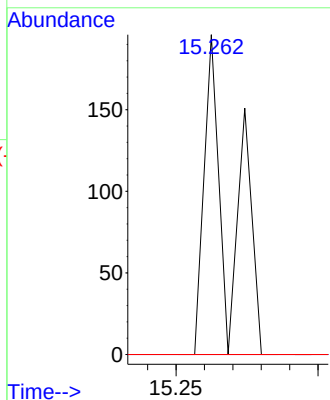
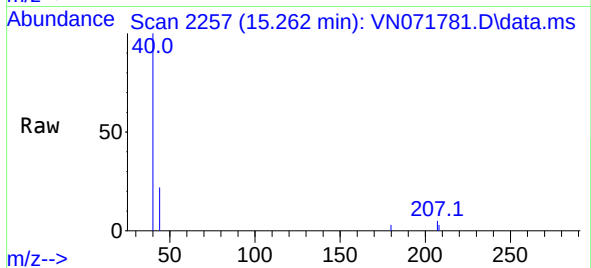




#93
1,2,4-Trichlorobenzene
Concen: 2.104 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN071781.D
Acq: 02 Apr 2022 03:22

Instrument :
MSVOA_N
ClientSampleId :
MW-20

Tgt Ion:180 Resp: 122
Ion Ratio Lower Upper
180 100
182 0.0 47.5 142.5#
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 3.983 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071781.D
Acq: 02 Apr 2022 03:22

Tgt Ion:128 Resp: 3508
Ion Ratio Lower Upper
128 100
127 3.6 10.3 15.5#
129 8.0 8.6 13.0#

