

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040221\
 Data File : VN066475.D
 Acq On : 2 Apr 2021 18:15
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 03 03:25:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 01 14:08:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	368068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	547519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	522806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	213301	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.944	65	226066	46.20	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.40%
35) Dibromofluoromethane	7.504	113	180568	49.75	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.50%
50) Toluene-d8	10.025	98	679694	49.37	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.74%
62) 4-Bromofluorobenzene	12.345	95	204553	42.78	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.56%

Target Compounds

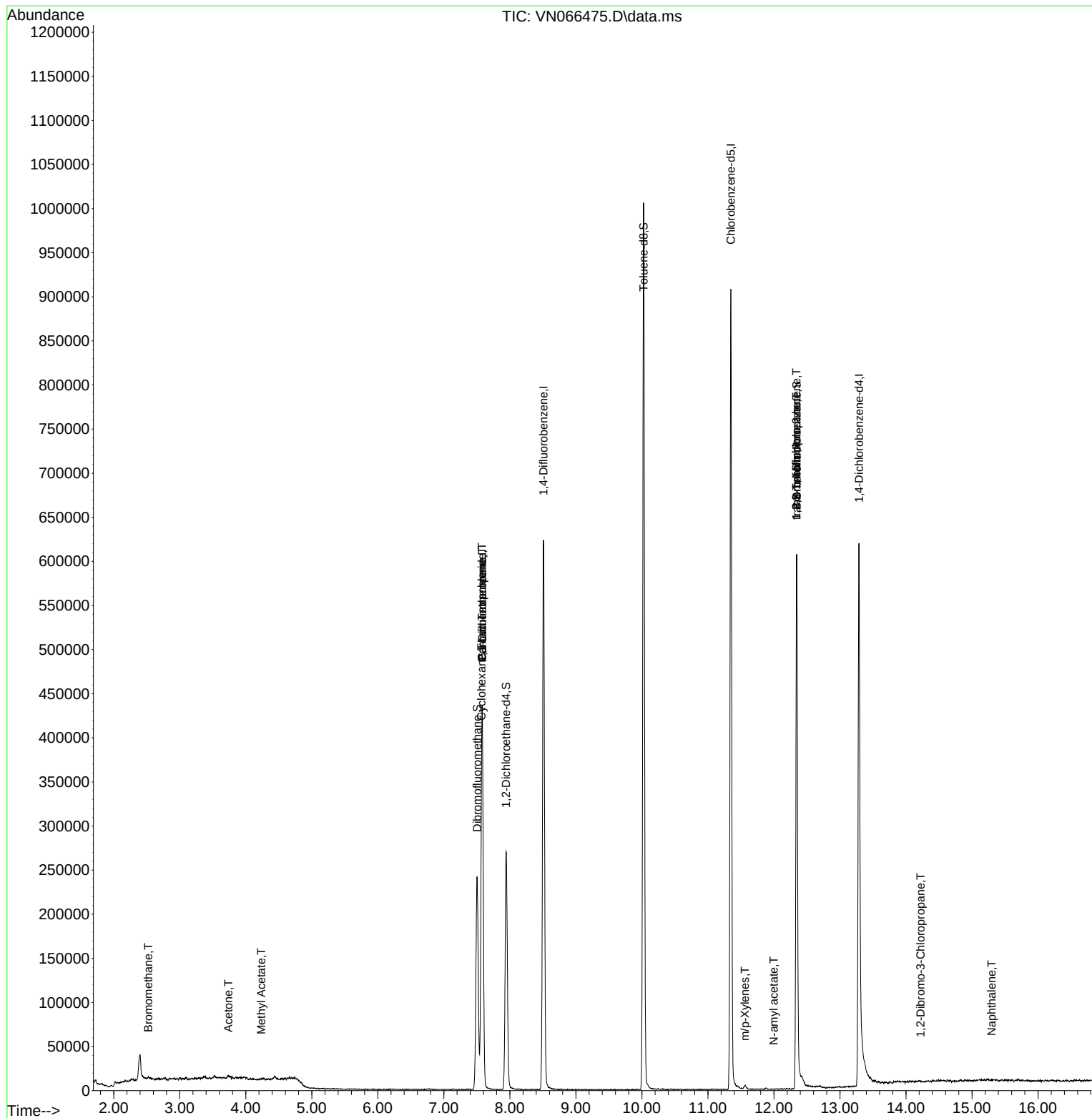
						Qvalue
3) Chloromethane	2.017	50	3103	Below Cal		94
5) Bromomethane	2.523	94	765	0.21 ug/l		83
13) Acrolein	3.529	56	2572	Below Cal		96
16) Acetone	3.736	43	2653	1.00 ug/l		90
18) Methyl Acetate	4.235	43	1799	0.26 ug/l #		79
20) Methylene Chloride	4.452	84	572	Below Cal #		39
31) Cyclohexane	7.571	56	7492	1.11 ug/l #		19
36) 1,1-Dichloropropene	7.582	75	26704	5.19 ug/l #		48
38) Carbon Tetrachloride	7.579	117	33942	6.56 ug/l #		17
68) m/p-Xylenes	11.562	106	1548	0.22 ug/l		80
71) Bromoform	12.345	173	1880	0.56 ug/l #		1
74) N-amyl acetate	11.996	43	111	3.21 ug/l #		45
76) 1,2,3-Trichloropropane	12.342	75	106275	22.71 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.342	75	106275	68.28 ug/l #		12
92) 1,2-Dibromo-3-Chloropr...	14.222	75	195	0.20 ug/l #		5
95) Naphthalene	15.298	128	1163	1.14 ug/l #		69

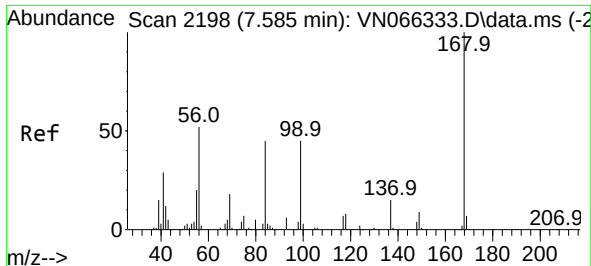
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 01 14:08:22 2021
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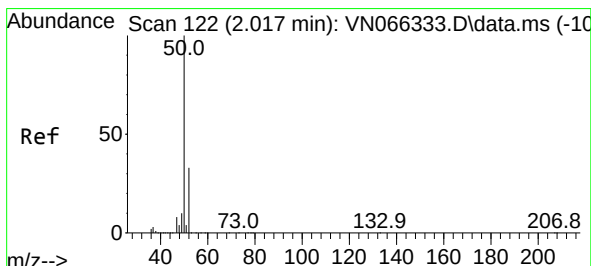
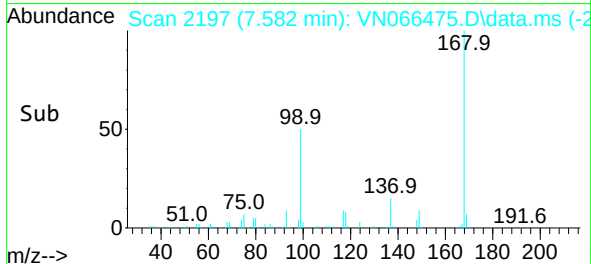
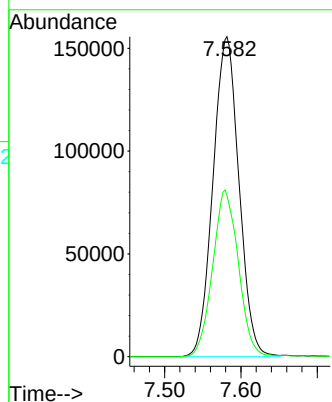
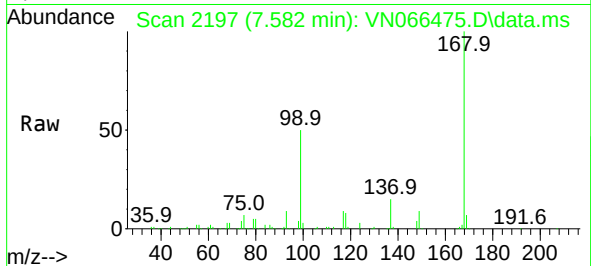




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VN066475.D
Acq: 2 Apr 2021 18:15

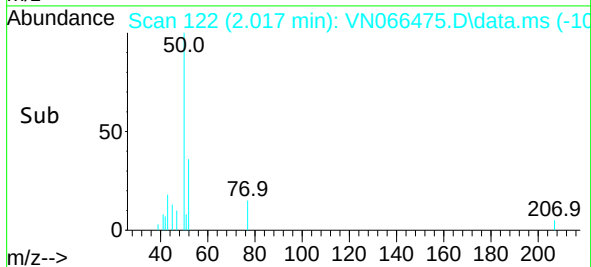
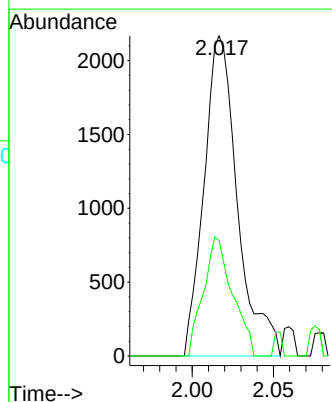
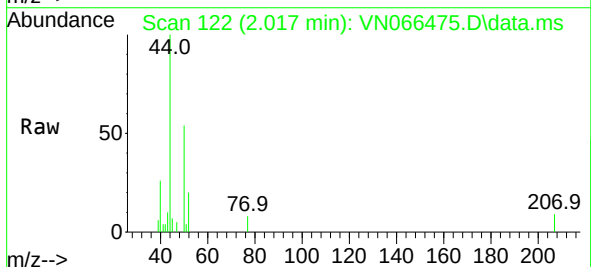
Instrument :
MSVOA_N
ClientSampled :
IBLK

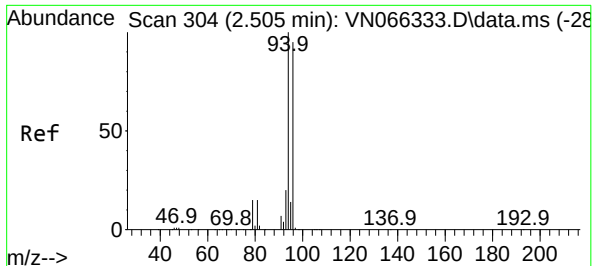
Tgt Ion:168 Resp: 368068
Ion Ratio Lower Upper
168 100
99 50.4 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.017 min Scan# 122
Delta R.T. -0.000 min
Lab File: VN066475.D
Acq: 2 Apr 2021 18:15

Tgt Ion: 50 Resp: 3103
Ion Ratio Lower Upper
50 100
52 36.1 26.2 39.2

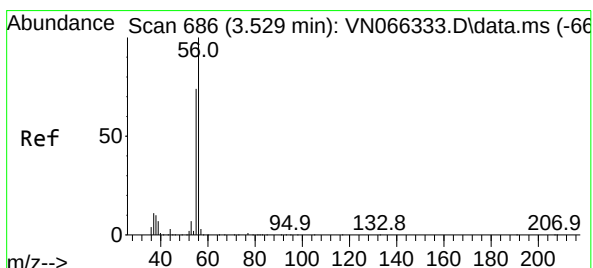
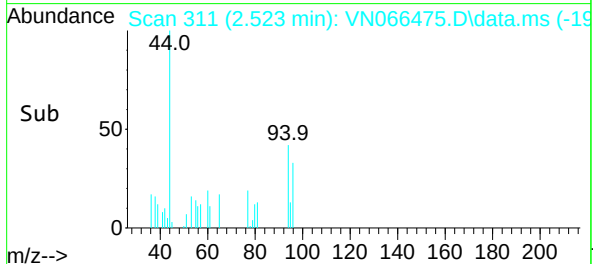
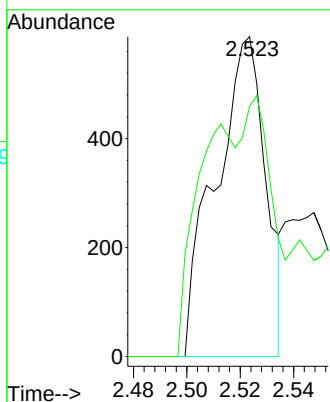
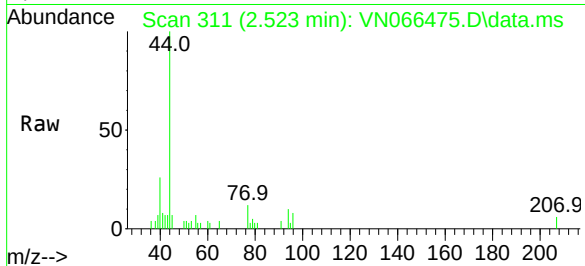




#5
Bromomethane
Concen: 0.21 ug/l
RT: 2.523 min Scan# 311
Delta R.T. 0.010 min
Lab File: VN066475.D
Acq: 2 Apr 2021 18:15

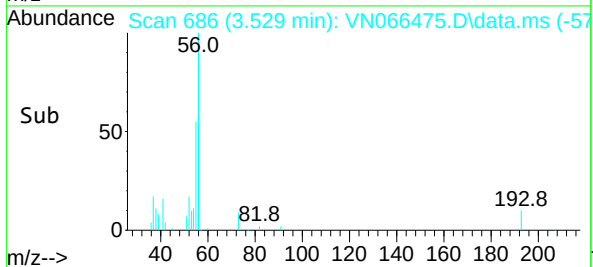
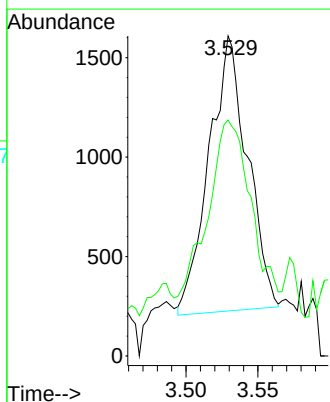
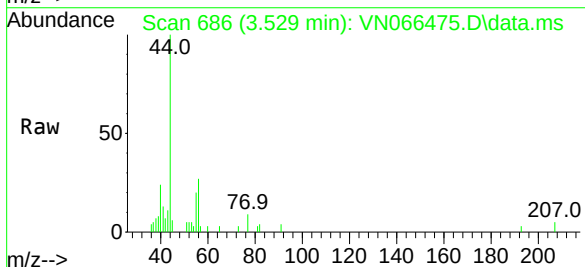
Instrument :
MSVOA_N
ClientSampleId :
IBLK

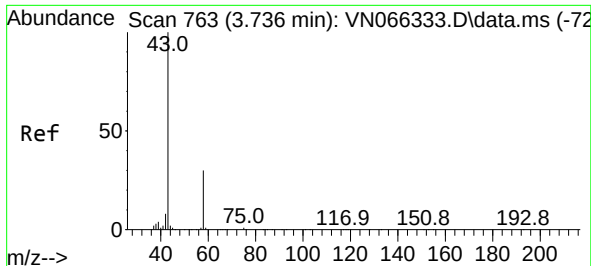
Tgt Ion: 94 Resp: 765
Ion Ratio Lower Upper
94 100
96 78.2 75.8 113.6



#13
Acrolein
Concen: Below Cal
RT: 3.529 min Scan# 686
Delta R.T. 0.002 min
Lab File: VN066475.D
Acq: 2 Apr 2021 18:15

Tgt Ion: 56 Resp: 2572
Ion Ratio Lower Upper
56 100
55 68.9 57.9 86.9

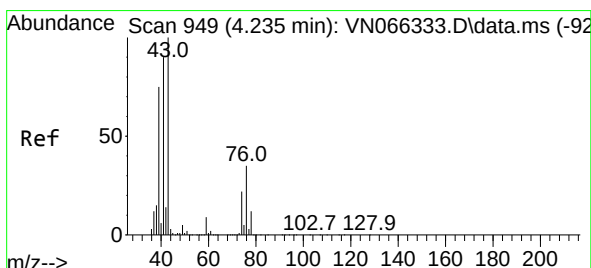
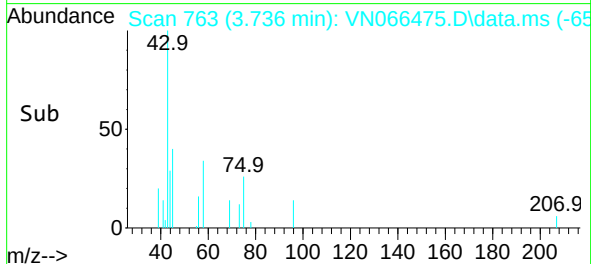
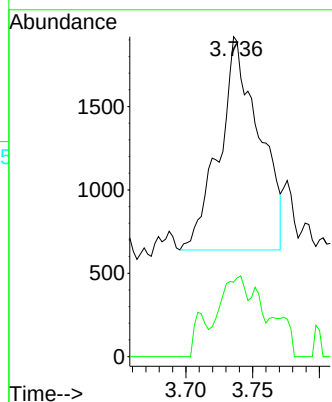
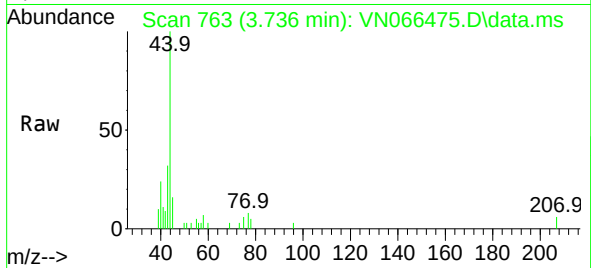




#16
Acetone
Concen: 1.00 ug/l
RT: 3.736 min Scan# 763
Delta R.T. 0.002 min
Lab File: VN066475.D
Acq: 2 Apr 2021 18:15

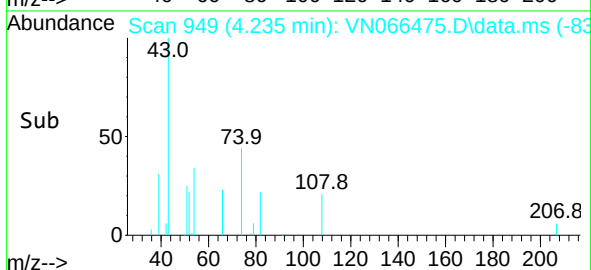
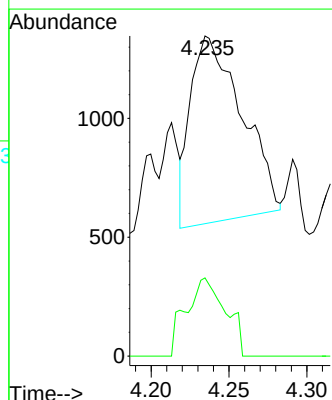
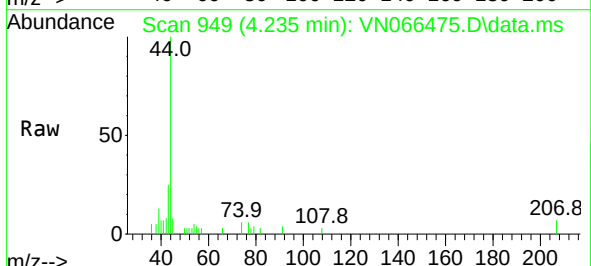
Instrument :
MSVOA_N
ClientSampleId :
IBLK

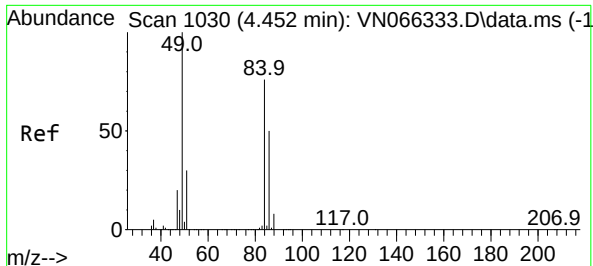
Tgt Ion: 43 Resp: 2653
Ion Ratio Lower Upper
43 100
58 34.9 23.8 35.8



#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 4.235 min Scan# 949
Delta R.T. 0.005 min
Lab File: VN066475.D
Acq: 2 Apr 2021 18:15

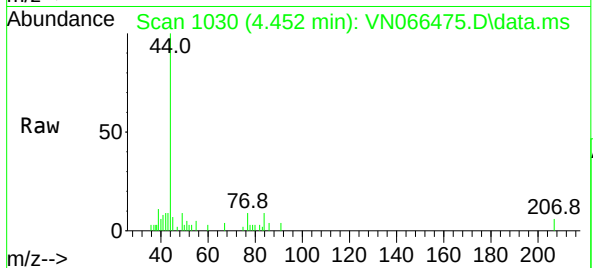
Tgt Ion: 43 Resp: 1799
Ion Ratio Lower Upper
43 100
74 32.1 17.6 26.4#





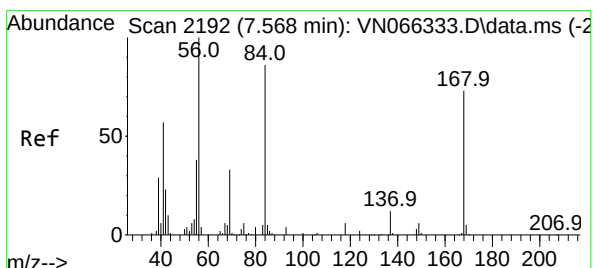
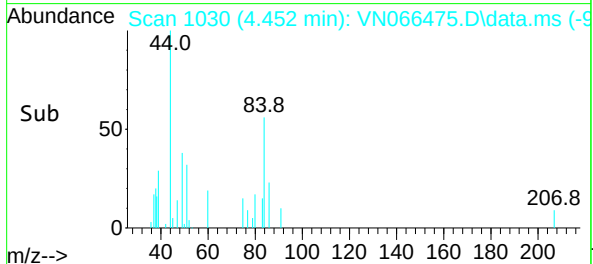
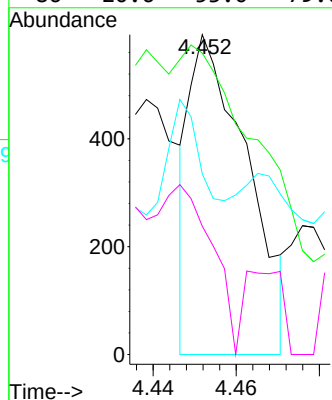
#20
Methylene Chloride
Concen: Below Cal
RT: 4.452 min Scan# 1030
Delta R.T. 0.005 min
Lab File: VN066475.D
Acq: 2 Apr 2021 18:15

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 84 Resp: 572

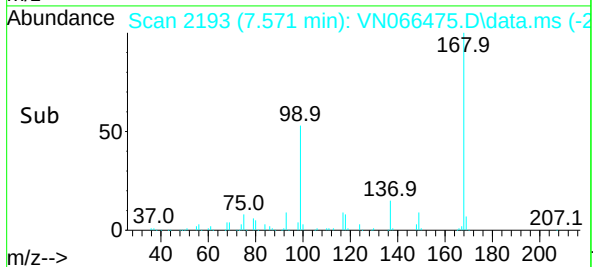
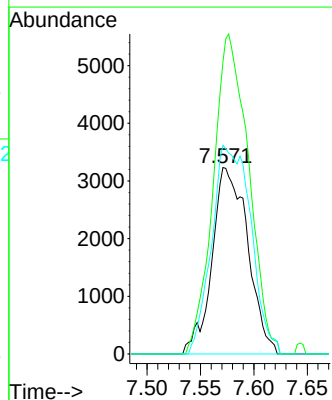
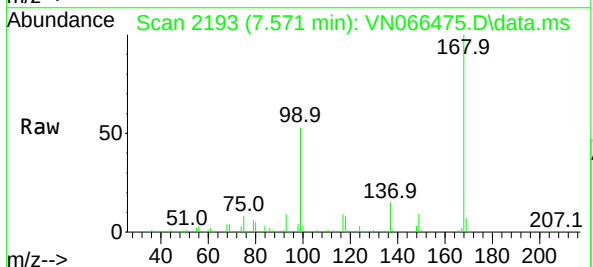
Ion	Ratio	Lower	Upper
84	100		
49	53.2	105.0	157.6#
51	9.1	31.6	47.4#
86	20.6	53.0	79.6#

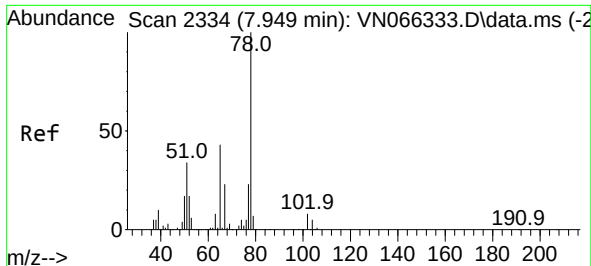


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.571 min Scan# 2193
Delta R.T. 0.005 min
Lab File: VN066475.D
Acq: 2 Apr 2021 18:15

Tgt Ion: 56 Resp: 7492

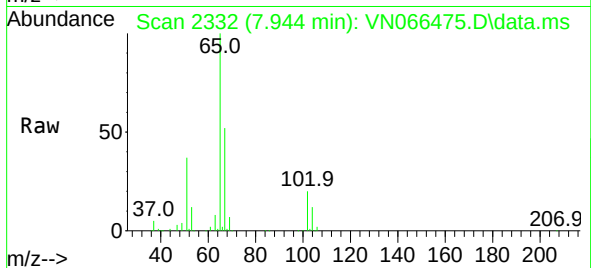
Ion	Ratio	Lower	Upper
56	100		
69	156.6	26.6	40.0#
84	112.0	68.7	103.1#



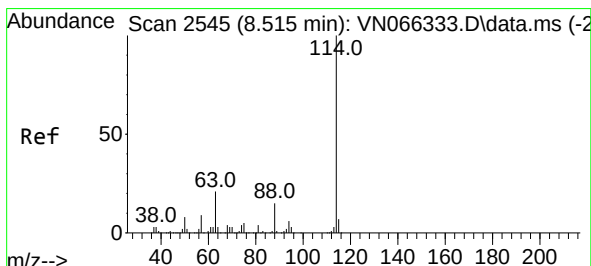
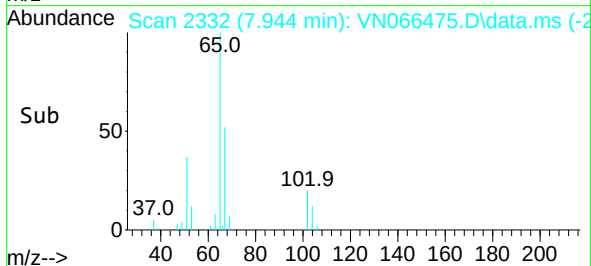
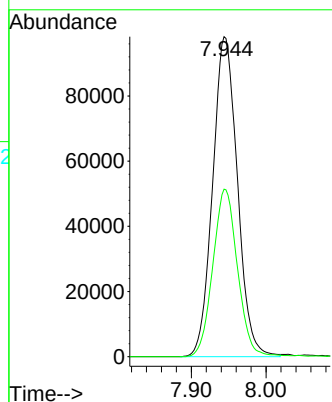


#33
 1,2-Dichloroethane-d4
 Concen: 46.20 ug/l
 RT: 7.944 min Scan# 2332
 Delta R.T. -0.000 min
 Lab File: VN066475.D
 Acq: 2 Apr 2021 18:15

Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

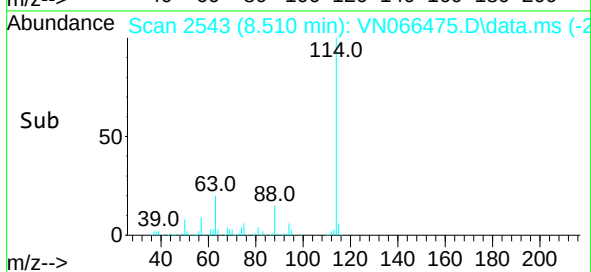
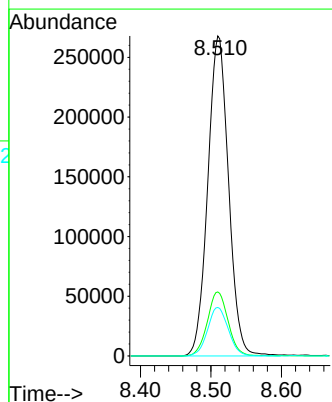
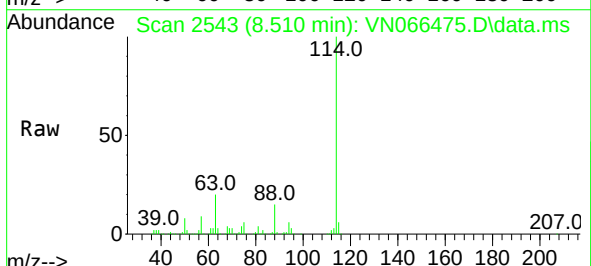


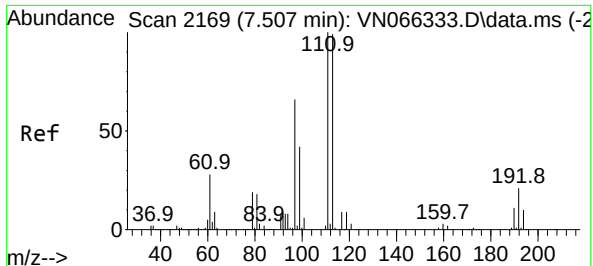
Tgt Ion: 65 Resp: 226066
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.510 min Scan# 2543
 Delta R.T. -0.000 min
 Lab File: VN066475.D
 Acq: 2 Apr 2021 18:15

Tgt Ion: 114 Resp: 547519
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.0
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.75 ug/l

RT: 7.504 min Scan# 2168

Delta R.T. 0.002 min

Lab File: VN066475.D

Acq: 2 Apr 2021 18:15

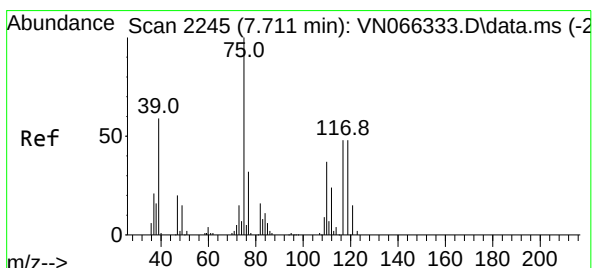
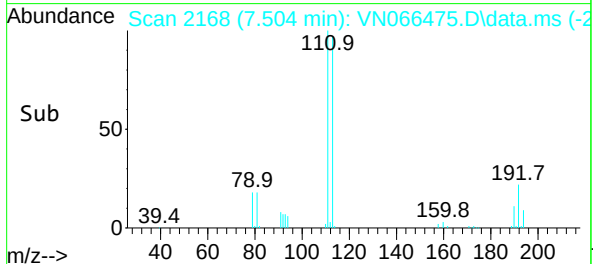
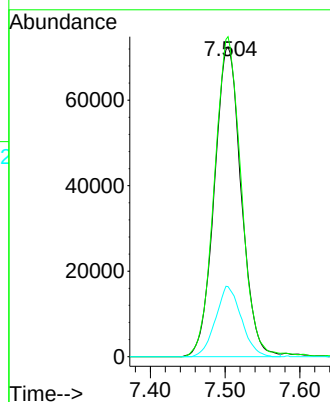
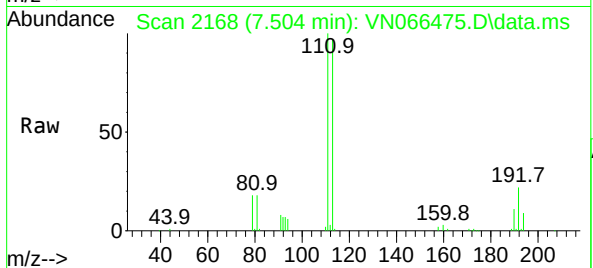
Tgt Ion:113 Resp: 180568

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

192 21.8 17.1 25.7



#36

1,1-Dichloropropene

Concen: 5.19 ug/l

RT: 7.582 min Scan# 2197

Delta R.T. -0.124 min

Lab File: VN066475.D

Acq: 2 Apr 2021 18:15

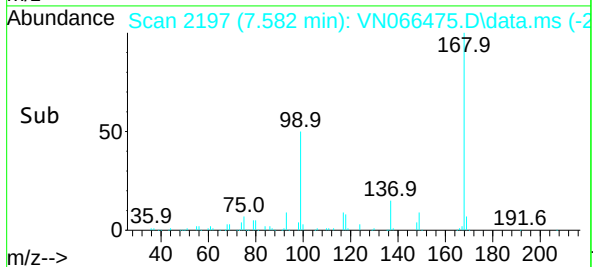
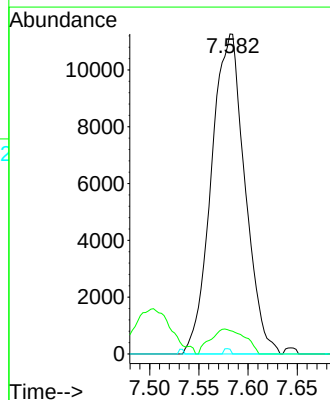
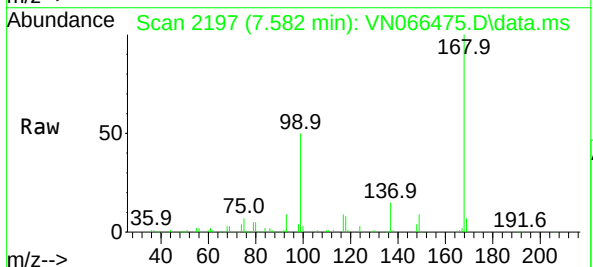
Tgt Ion: 75 Resp: 26704

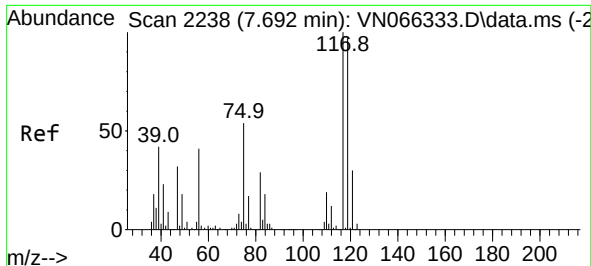
Ion Ratio Lower Upper

75 100

110 7.9 18.1 54.3#

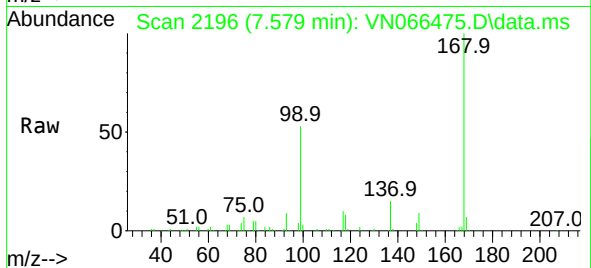
77 0.3 25.0 37.4#



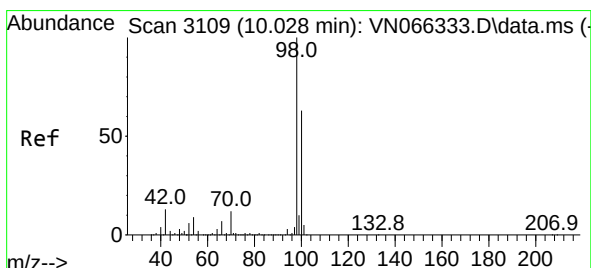
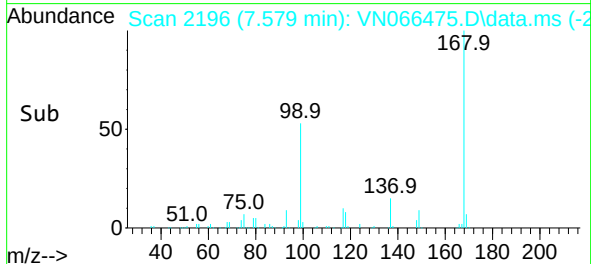
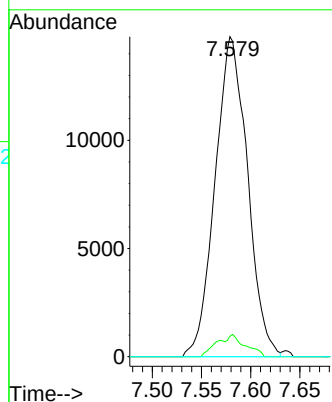


#38
Carbon Tetrachloride
Concen: 6.56 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. -0.105 min
Lab File: VN066475.D
Acq: 2 Apr 2021 18:15

Instrument :
MSVOA_N
ClientSampleId :
IBLK

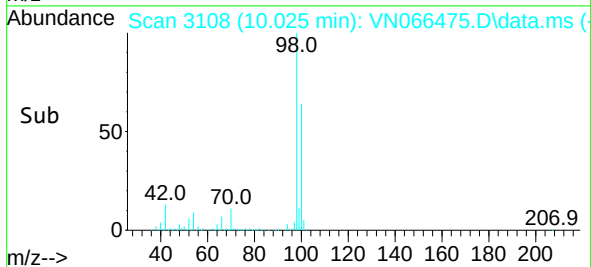
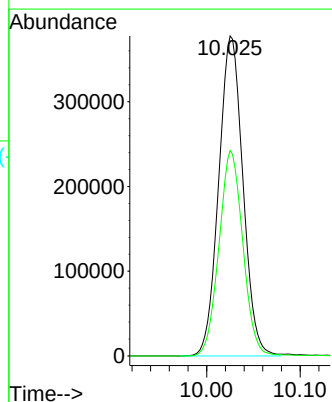
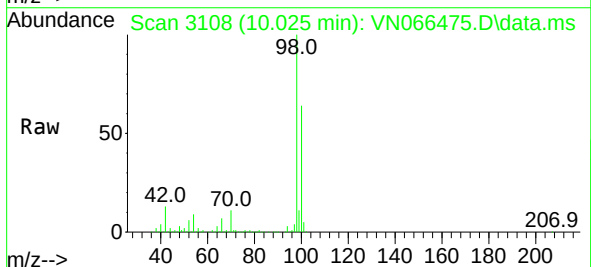


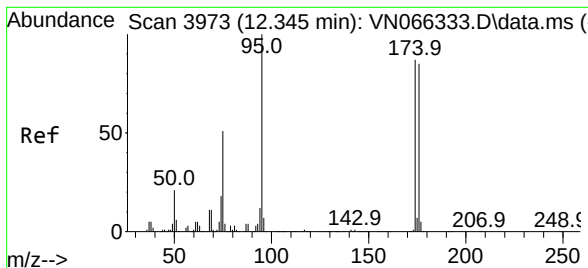
Tgt Ion:117 Resp: 33942
Ion Ratio Lower Upper
117 100
119 6.4 77.2 115.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 49.37 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VN066475.D
Acq: 2 Apr 2021 18:15

Tgt Ion: 98 Resp: 679694
Ion Ratio Lower Upper
98 100
100 63.3 50.5 75.7

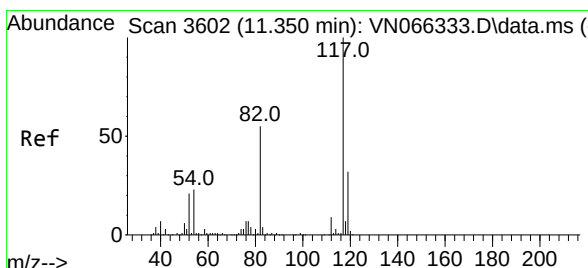
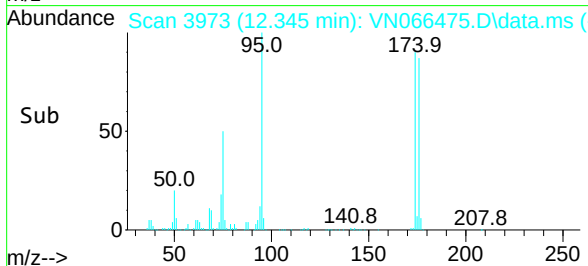
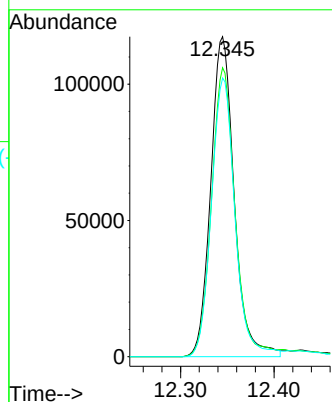
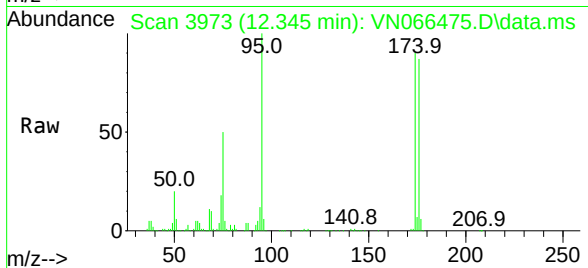




#62
4-Bromofluorobenzene
Concen: 42.78 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.002 min
Lab File: VN066475.D
Acq: 2 Apr 2021 18:15

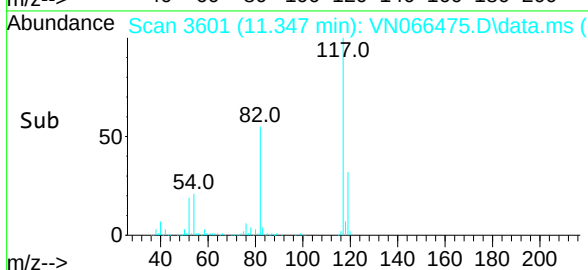
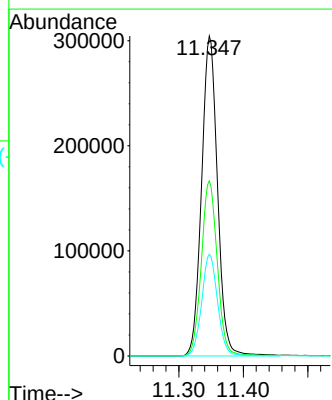
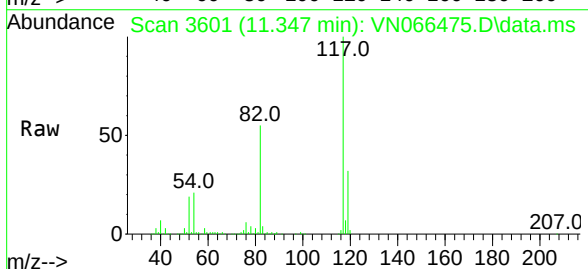
Instrument :
MSVOA_N
ClientSampleId :
IBLK

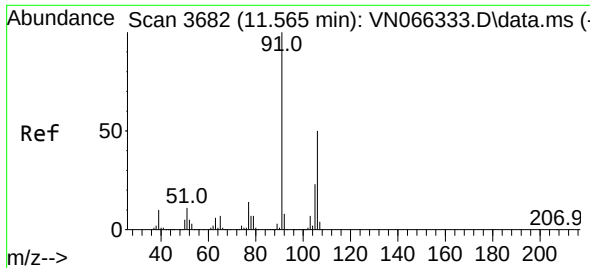
Tgt Ion: 95 Resp: 204553
Ion Ratio Lower Upper
95 100
174 90.5 0.0 172.2
176 87.7 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.000 min
Lab File: VN066475.D
Acq: 2 Apr 2021 18:15

Tgt Ion: 117 Resp: 522806
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.4
119 31.8 25.8 38.6

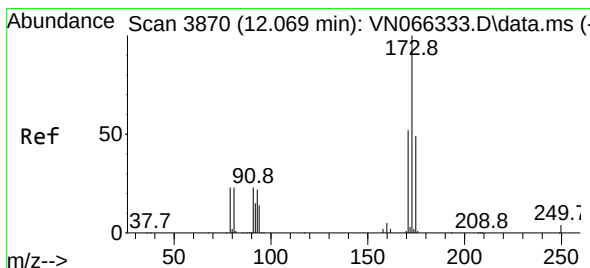
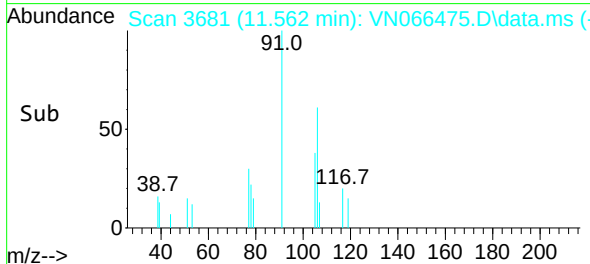
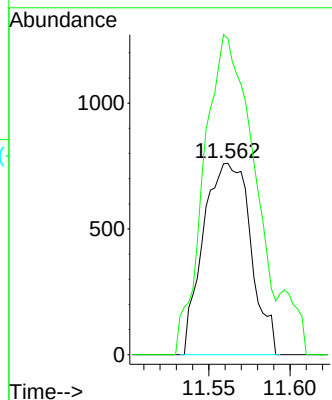
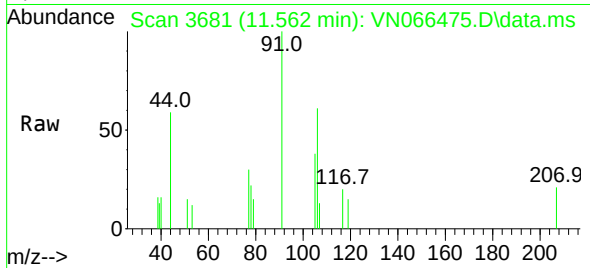




#68
m/p-Xylenes
Concen: 0.22 ug/l
RT: 11.562 min Scan# 3681
Delta R.T. -0.000 min
Lab File: VN066475.D
Acq: 2 Apr 2021 18:15

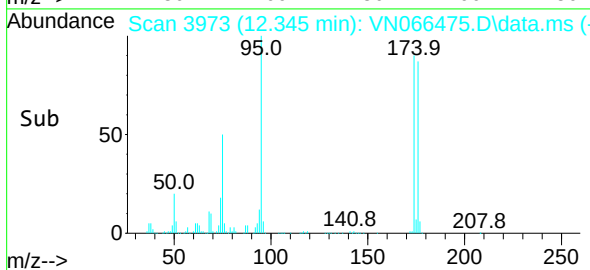
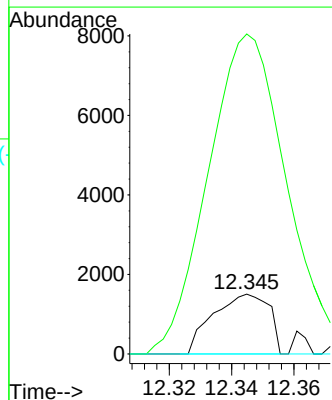
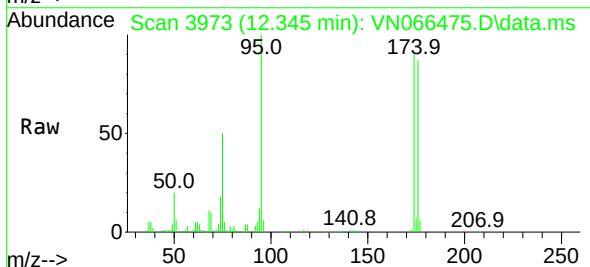
Instrument :
MSVOA_N
ClientSampleId :
IBLK

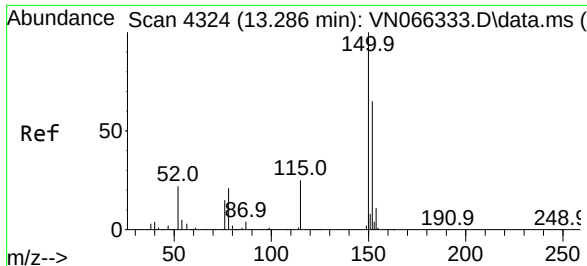
Tgt Ion:106 Resp: 1548
Ion Ratio Lower Upper
106 100
91 173.0 162.7 244.1



#71
Bromoform
Concen: 0.56 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.276 min
Lab File: VN066475.D
Acq: 2 Apr 2021 18:15

Tgt Ion:173 Resp: 1880
Ion Ratio Lower Upper
173 100
175 661.6 24.3 72.8#
254 0.0 0.0 0.0

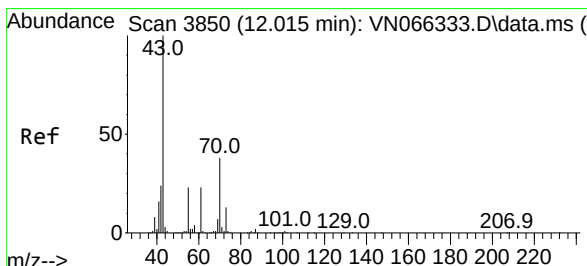
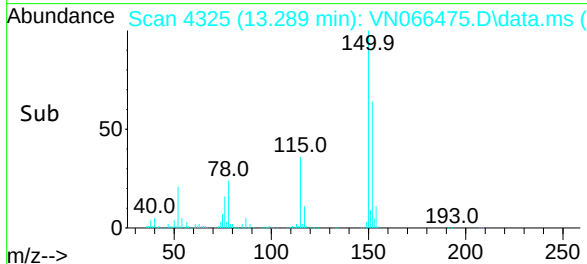
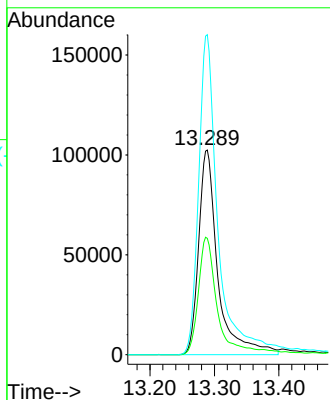
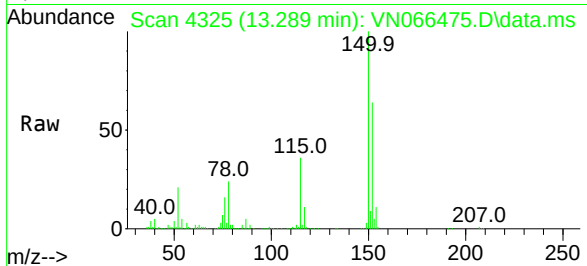




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.005 min
Lab File: VN066475.D
Acq: 2 Apr 2021 18:15

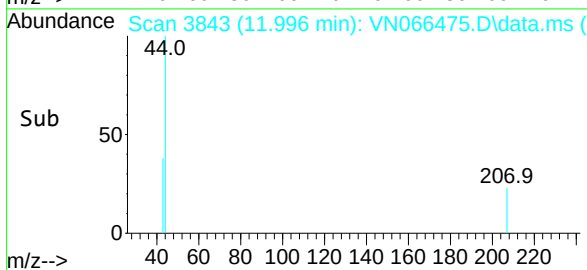
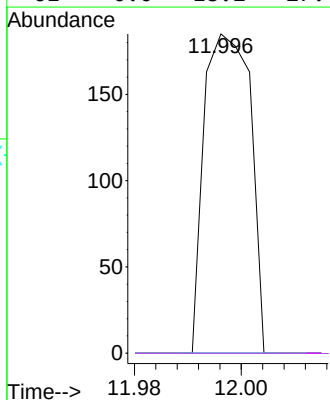
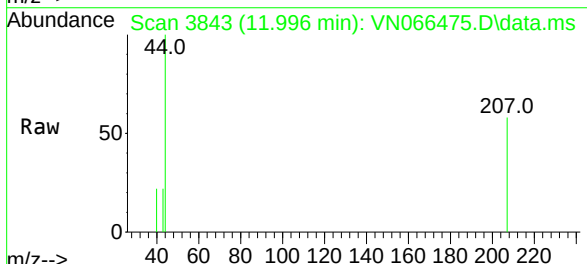
Instrument :
MSVOA_N
ClientSampleId :
IBLK

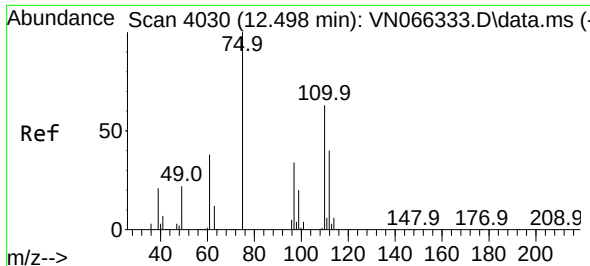
Tgt Ion:152 Resp: 213301
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.4
150 158.6 0.0 348.4



#74
N-ethyl acetate
Concen: 3.21 ug/l
RT: 11.996 min Scan# 3843
Delta R.T. -0.019 min
Lab File: VN066475.D
Acq: 2 Apr 2021 18:15

Tgt Ion: 43 Resp: 111
Ion Ratio Lower Upper
43 100
70 0.0 31.2 46.8#
55 0.0 18.6 28.0#
61 0.0 18.2 27.4#

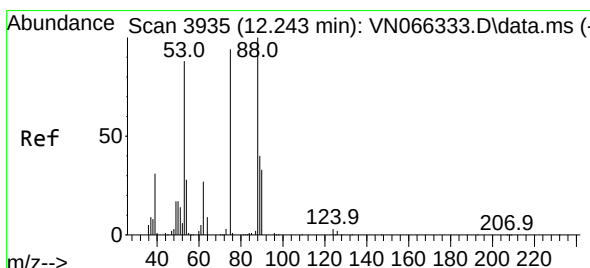
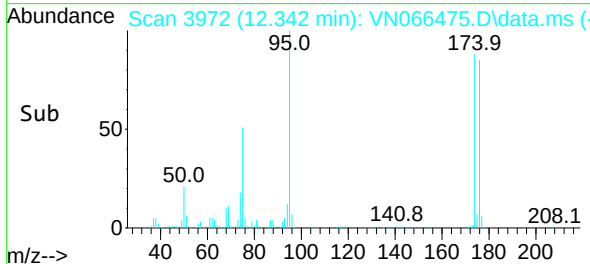
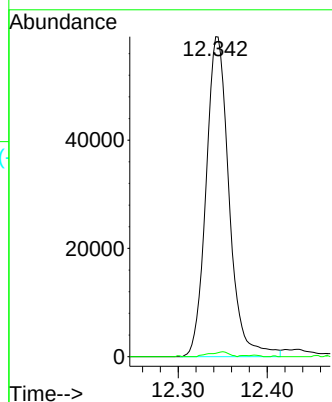
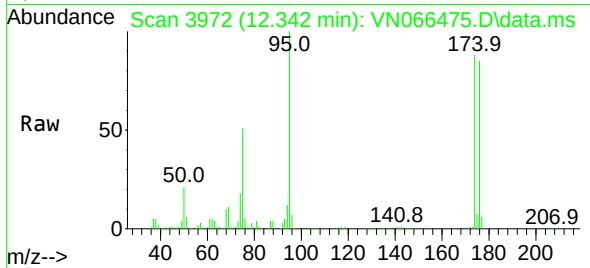




#76
1,2,3-Trichloropropane
Concen: 22.71 ug/l
RT: 12.342 min Scan# 3972
Delta R.T. -0.153 min
Lab File: VN066475.D
Acq: 2 Apr 2021 18:15

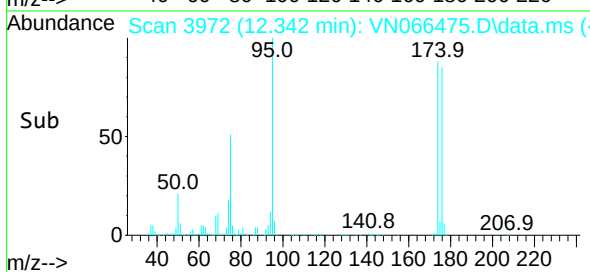
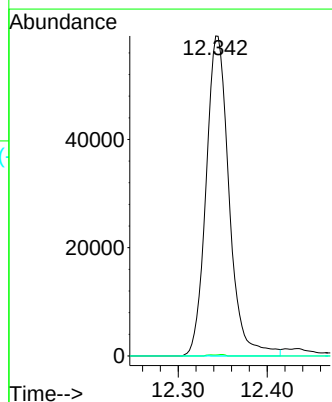
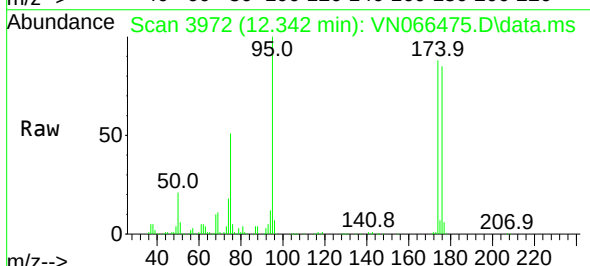
Instrument :
MSVOA_N
ClientSampleId :
IBLK

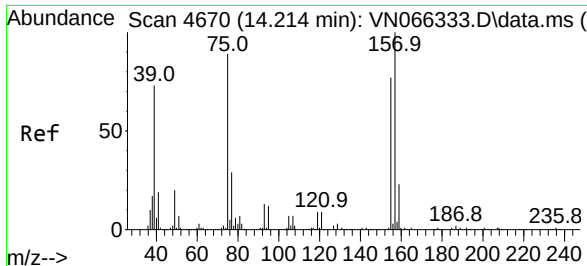
Tgt Ion: 75 Resp: 106275
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.28 ug/l
RT: 12.342 min Scan# 3972
Delta R.T. 0.099 min
Lab File: VN066475.D
Acq: 2 Apr 2021 18:15

Tgt Ion: 75 Resp: 106275
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.0 35.7 53.5#

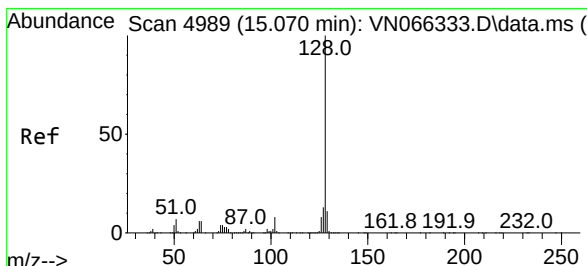
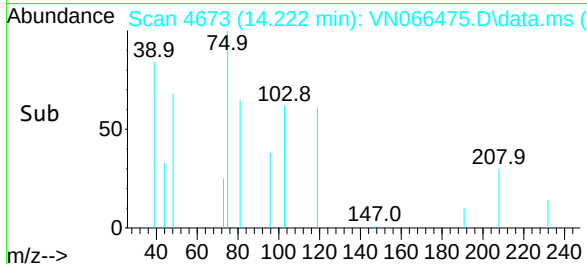
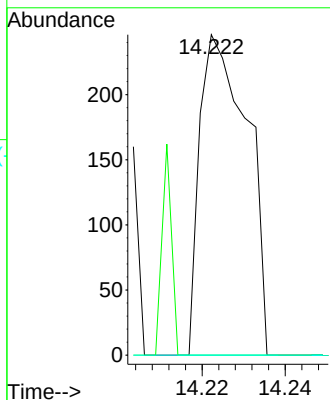
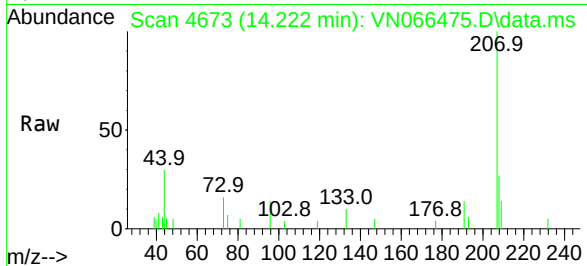




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.20 ug/l
RT: 14.222 min Scan# 4673
Delta R.T. -0.006 min
Lab File: VN066475.D
Acq: 2 Apr 2021 18:15

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 195
Ion Ratio Lower Upper
75 100
155 13.3 43.8 131.3#
157 0.0 57.6 172.8#



#95
Naphthalene
Concen: 1.14 ug/l
RT: 15.298 min Scan# 5074
Delta R.T. 0.037 min
Lab File: VN066475.D
Acq: 2 Apr 2021 18:15

Tgt Ion:128 Resp: 1163
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.5 12.7#

