

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030321\
 Data File : VN066121.D
 Acq On : 3 Mar 2021 13:56
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 04 02:14:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 02 14:05:08 2021
 Response via : Initial Calibration

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

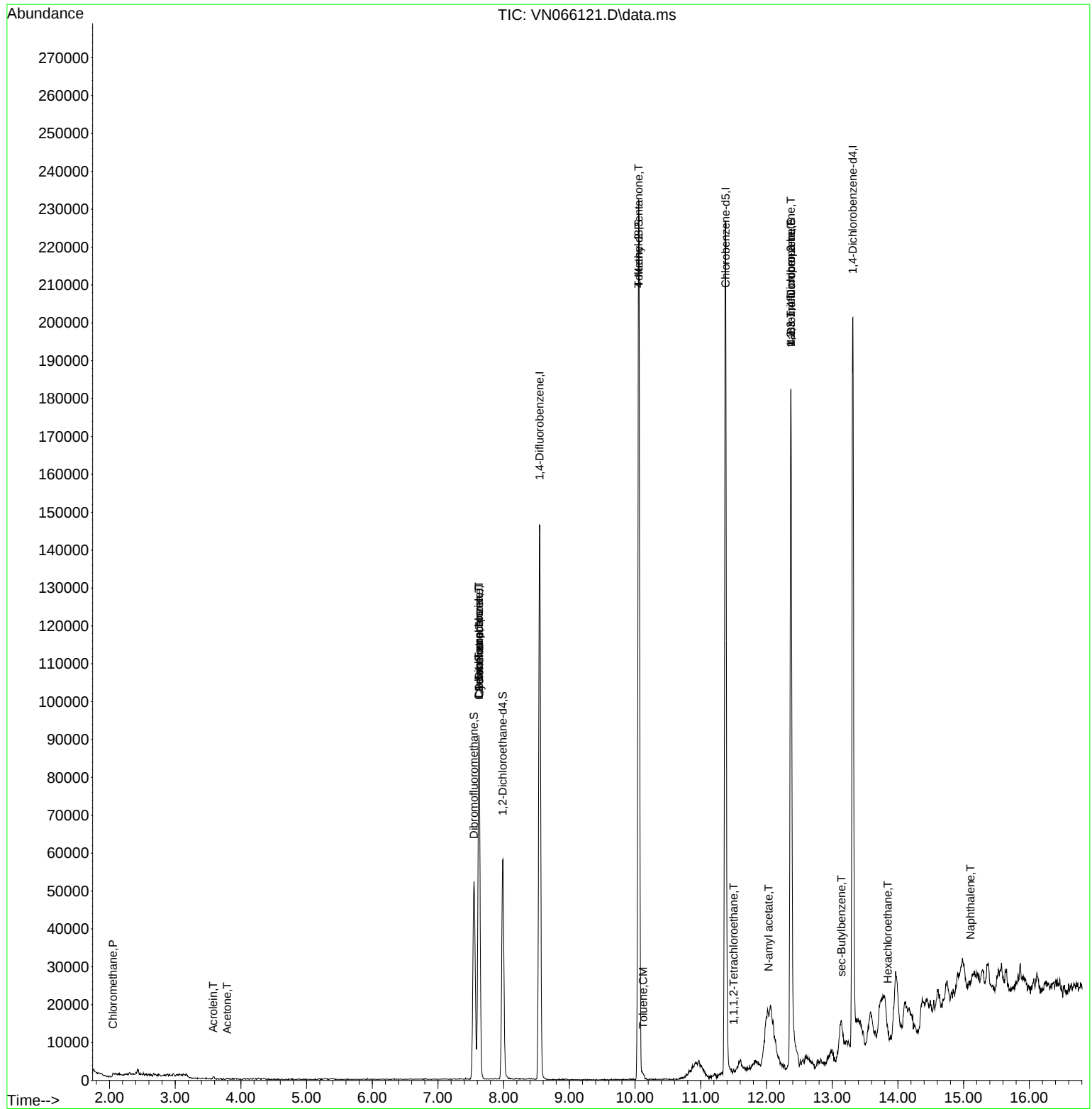
Internal Standards						
1) Pentafluorobenzene	7.624	168	70588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	132425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	138174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	56442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	54232	50.49	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.98%			
35) Dibromofluoromethane	7.547	113	41643	49.66	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.32%			
50) Toluene-d8	10.055	98	166445	50.96	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.92%			
62) 4-Bromofluorobenzene	12.373	95	71204	56.60	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 113.20%			
Target Compounds					Qvalue	
3) Chloromethane	2.052	50	550	0.70	ug/l	98
13) Acrolein	3.579	56	596	8.53	ug/l	85
16) Acetone	3.792	43	130	0.40	ug/l #	41
31) Cyclohexane	7.627	56	1450	1.13	ug/l #	4
36) 1,1-Dichloropropene	7.621	75	5360	4.31	ug/l #	46
38) Carbon Tetrachloride	7.621	117	7561	5.28	ug/l #	17
51) 4-Methyl-2-Pentanone	10.055	43	748	0.75	ug/l #	1
52) Toluene	10.122	92	655	0.28	ug/l	85
66) 1,1,1,2-Tetrachloroethane	11.502	131	529	0.48	ug/l #	30
74) N-amyl acetate	12.032	43	76	3.25	ug/l #	1
76) 1,2,3-Trichloropropane	12.370	75	37732	30.28	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.370	75	37732	89.09	ug/l #	12
85) sec-Butylbenzene	13.142	105	2404	0.58	ug/l #	56
90) Hexachloroethane	13.846	117	512	0.88	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.244	75	167	Below Cal	#	1
95) Naphthalene	15.106	128	956	0.30	ug/l #	85

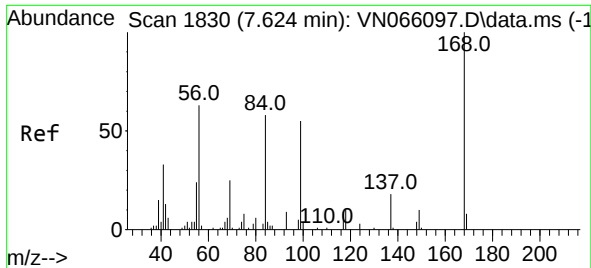
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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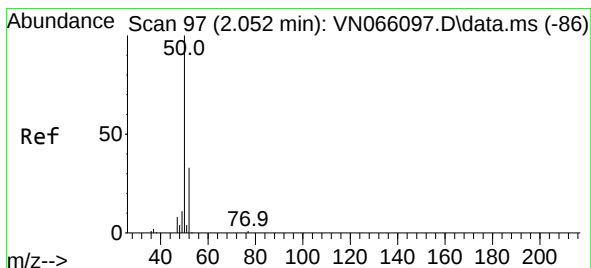
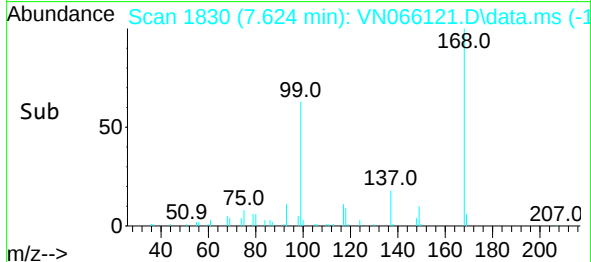
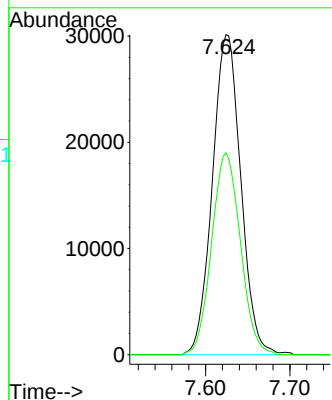
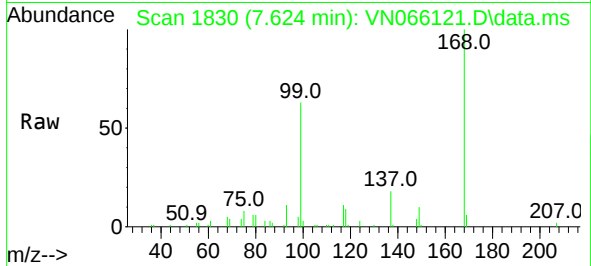




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN066121.D
Acq: 3 Mar 2021 13:56

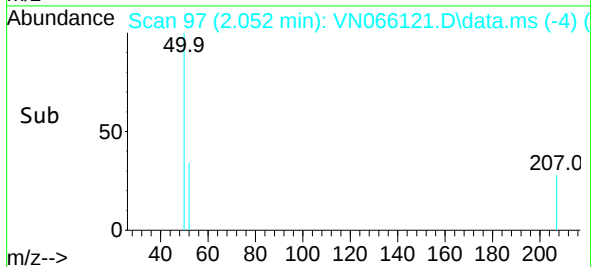
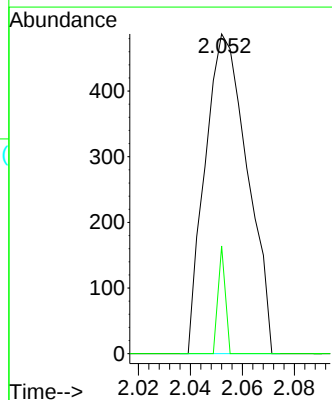
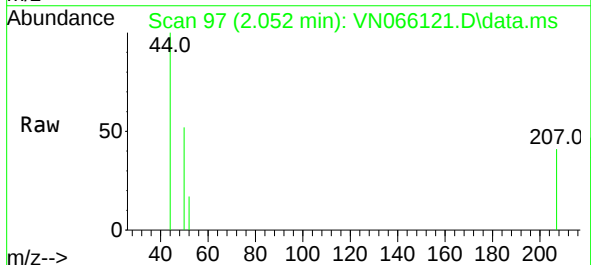
Instrument :
MSVOA_N
ClientSampled :
IBLK

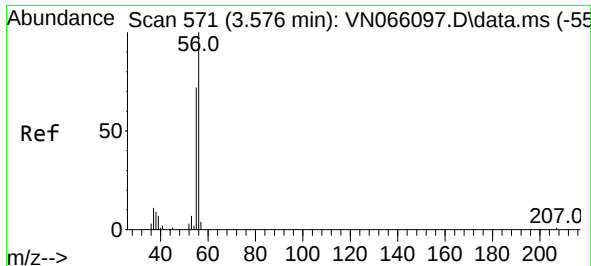
Tgt Ion:168 Resp: 70588
Ion Ratio Lower Upper
168 100
99 63.1 42.6 63.8



#3
Chloromethane
Concen: 0.70 ug/l
RT: 2.052 min Scan# 97
Delta R.T. 0.000 min
Lab File: VN066121.D
Acq: 3 Mar 2021 13:56

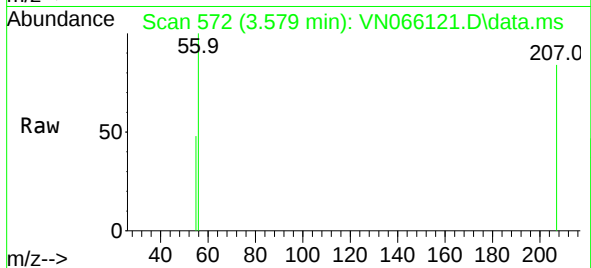
Tgt Ion: 50 Resp: 550
Ion Ratio Lower Upper
50 100
52 33.7 25.8 38.8



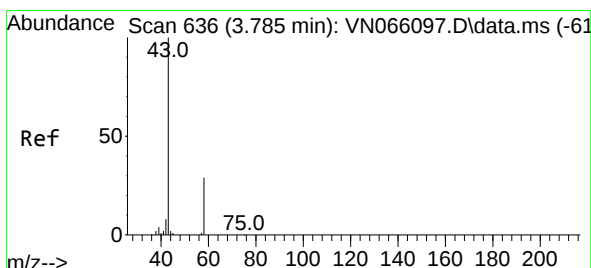
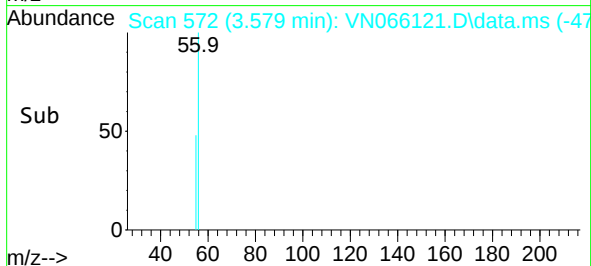
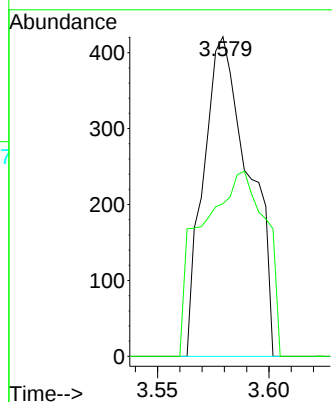


#13
Acrolein
Concen: 8.53 ug/l
RT: 3.579 min Scan# 572
Delta R.T. 0.003 min
Lab File: VN066121.D
Acq: 3 Mar 2021 13:56

Instrument :
MSVOA_N
ClientSampled :
IBLK

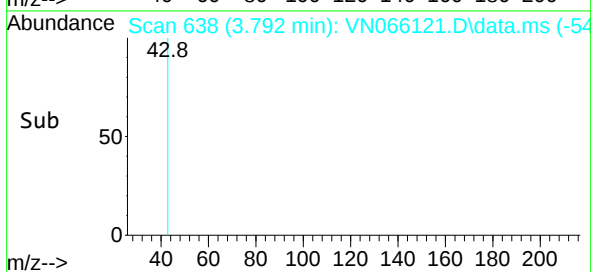
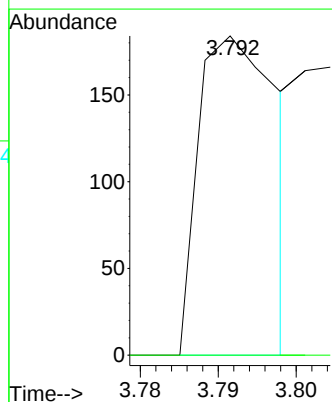
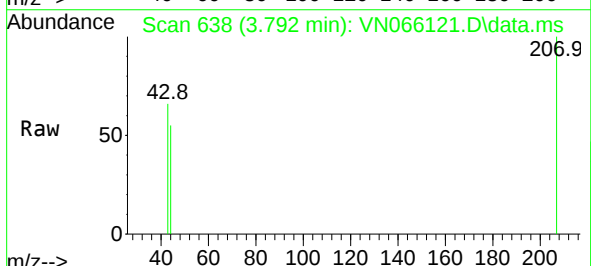


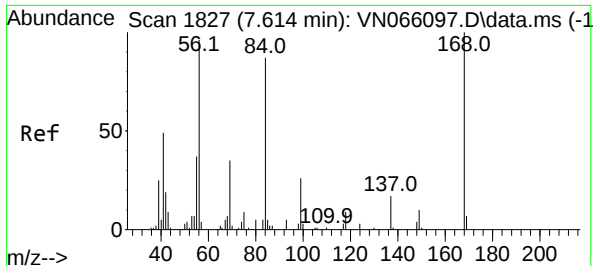
Tgt Ion: 56 Resp: 596
Ion Ratio Lower Upper
56 100
55 82.0 56.0 84.0



#16
Acetone
Concen: 0.40 ug/l
RT: 3.792 min Scan# 638
Delta R.T. 0.007 min
Lab File: VN066121.D
Acq: 3 Mar 2021 13:56

Tgt Ion: 43 Resp: 130
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#

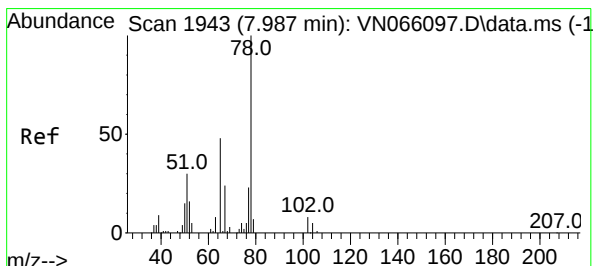
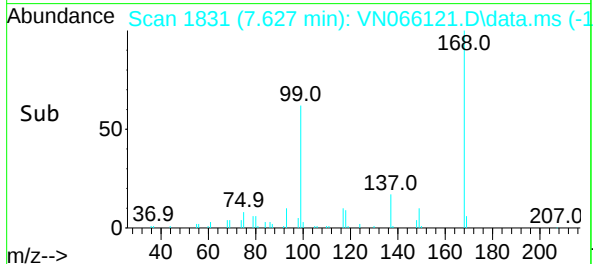
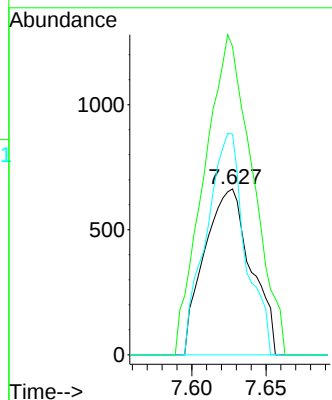
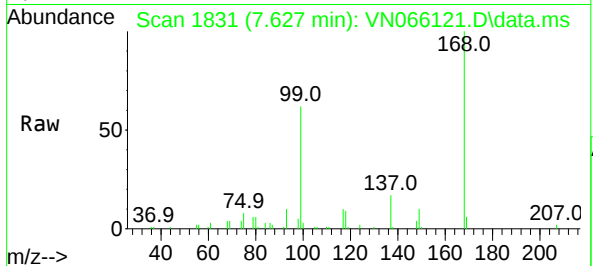




#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.013 min
Lab File: VN066121.D
Acq: 3 Mar 2021 13:56

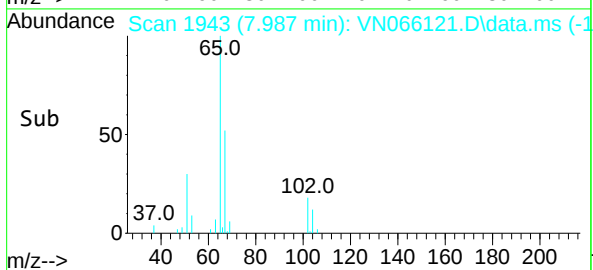
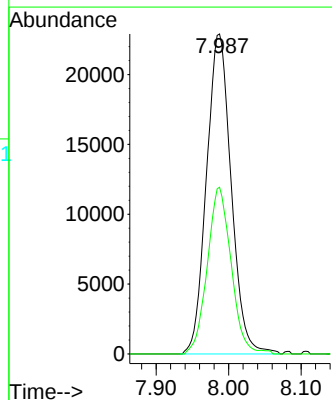
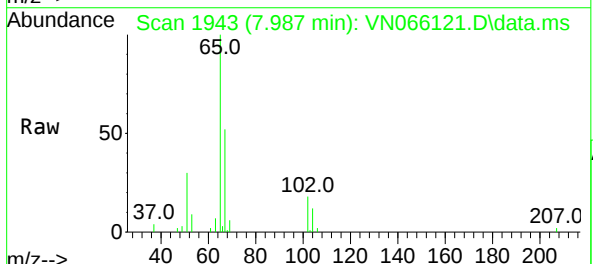
Instrument :
MSVOA_N
ClientSampled :
IBLK

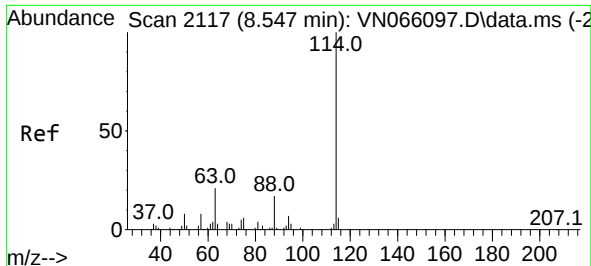
Tgt Ion: 56 Resp: 1450
Ion Ratio Lower Upper
56 100
69 158.7 26.6 39.8#
84 133.2 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 50.49 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN066121.D
Acq: 3 Mar 2021 13:56

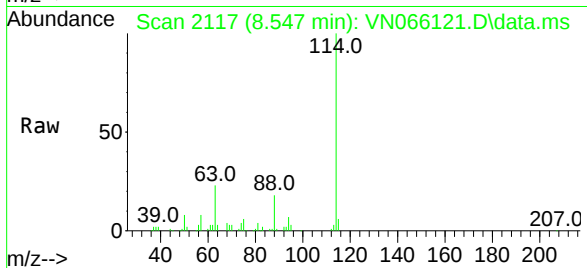
Tgt Ion: 65 Resp: 54232
Ion Ratio Lower Upper
65 100
67 50.3 0.0 107.2



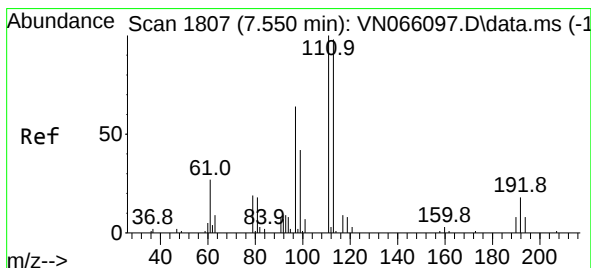
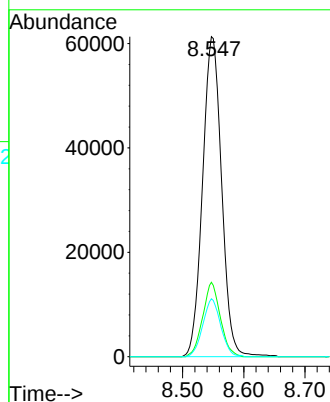
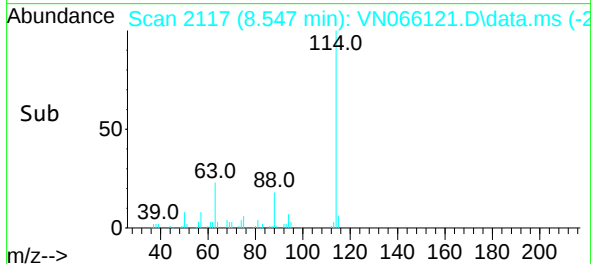


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.000 min
Lab File: VN066121.D
Acq: 3 Mar 2021 13:56

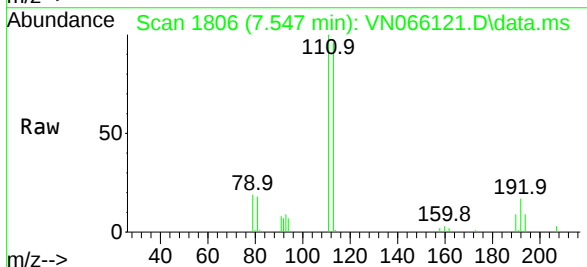
Instrument :
MSVOA_N
ClientSampled :
IBLK



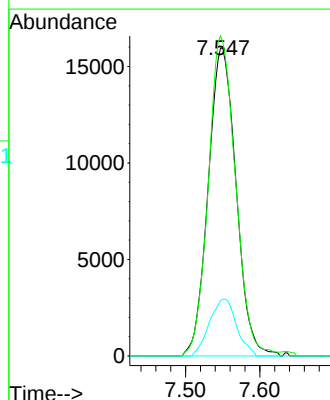
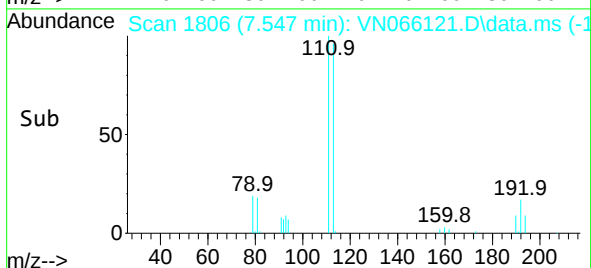
Tgt Ion:114 Resp: 132425
Ion Ratio Lower Upper
114 100
63 23.3 0.0 38.6
88 18.1 0.0 30.6

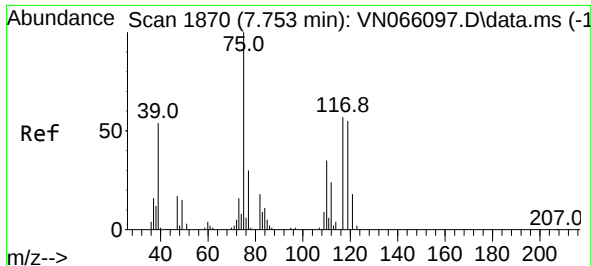


#35
Dibromofluoromethane
Concen: 49.66 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VN066121.D
Acq: 3 Mar 2021 13:56



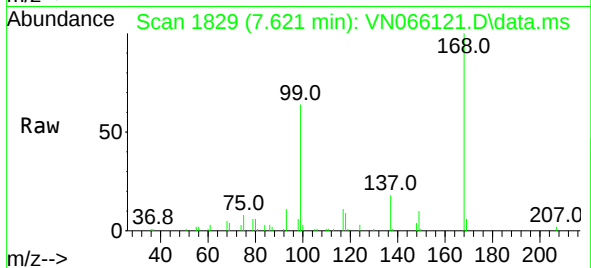
Tgt Ion:113 Resp: 41643
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 17.9 15.4 23.0



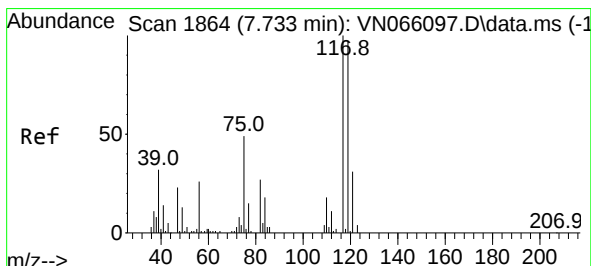
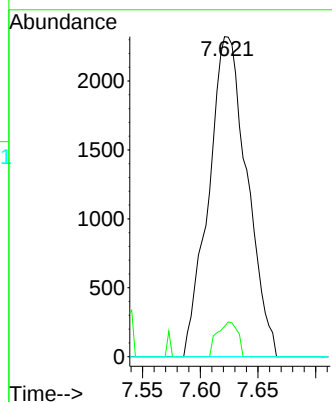
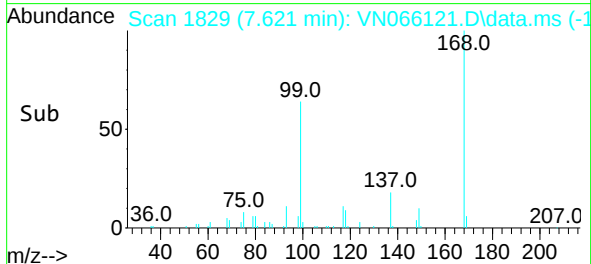


#36
1,1-Dichloropropene
Concen: 4.31 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.132 min
Lab File: VN066121.D
Acq: 3 Mar 2021 13:56

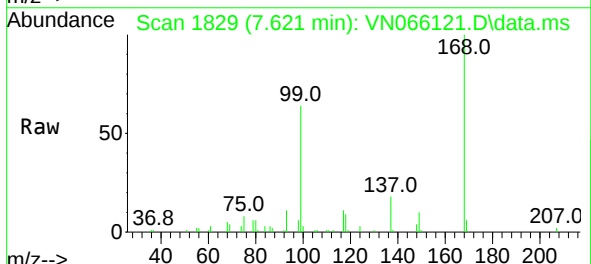
Instrument :
MSVOA_N
ClientSampled :
IBLK



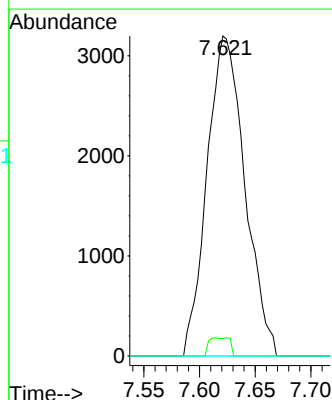
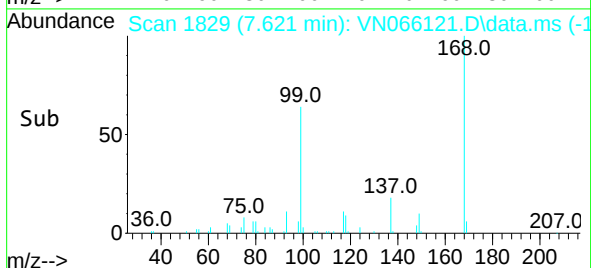
Tgt Ion: 75 Resp: 5360
Ion Ratio Lower Upper
75 100
110 5.8 18.2 54.6#
77 0.0 24.9 37.3#

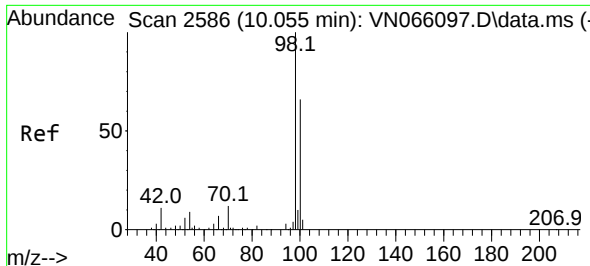


#38
Carbon Tetrachloride
Concen: 5.28 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.112 min
Lab File: VN066121.D
Acq: 3 Mar 2021 13:56



Tgt Ion: 117 Resp: 7561
Ion Ratio Lower Upper
117 100
119 5.4 76.0 114.0#
121 0.0 24.5 36.7#

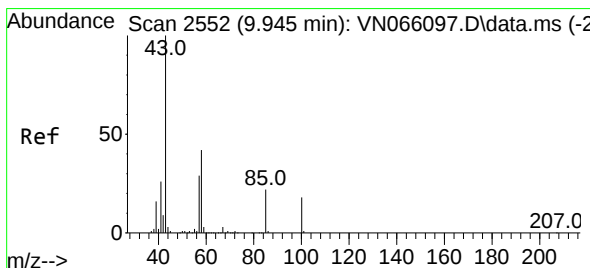
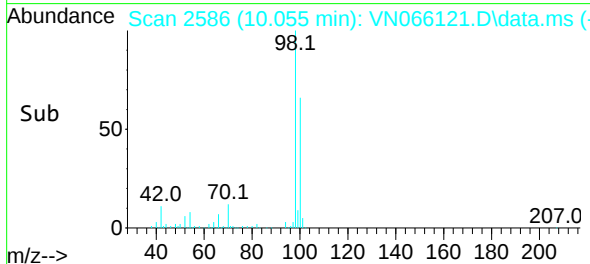
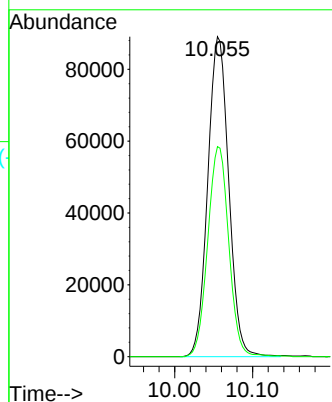
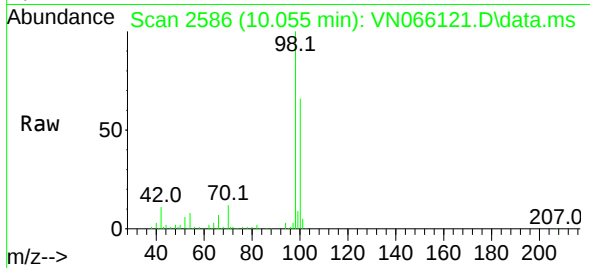




#50
Toluene-d8
Concen: 50.96 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.000 min
Lab File: VN066121.D
Acq: 3 Mar 2021 13:56

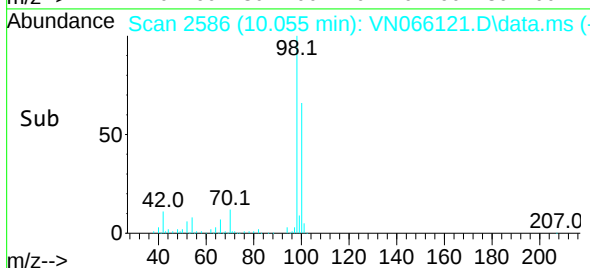
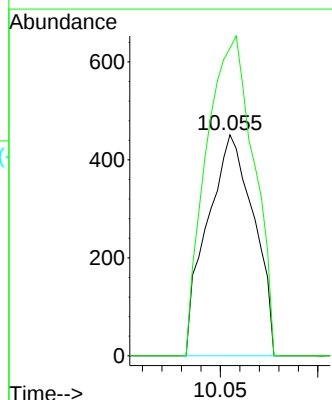
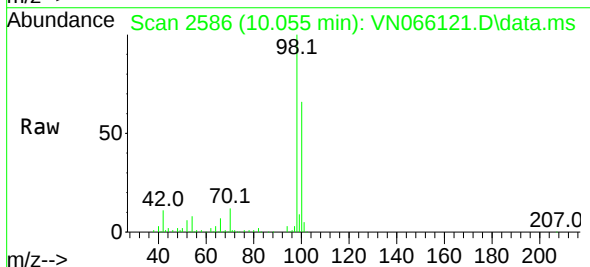
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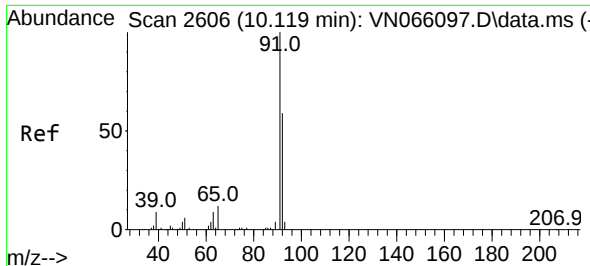
Tgt Ion: 98 Resp: 166445
Ion Ratio Lower Upper
98 100
100 65.9 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.75 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.110 min
Lab File: VN066121.D
Acq: 3 Mar 2021 13:56

Tgt Ion: 43 Resp: 748
Ion Ratio Lower Upper
43 100
58 148.1 32.5 48.7#

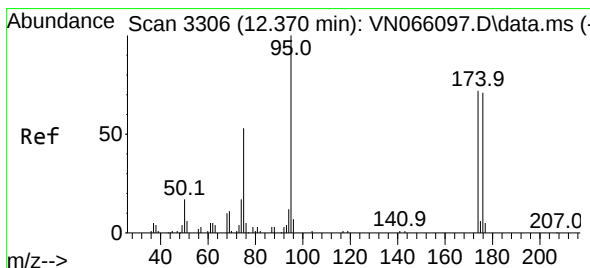
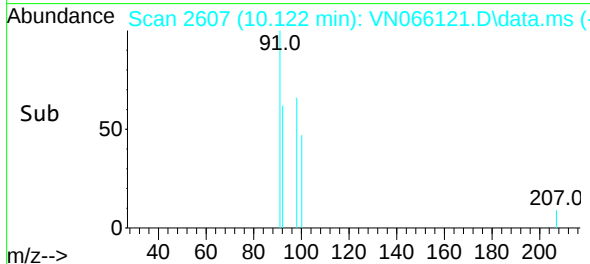
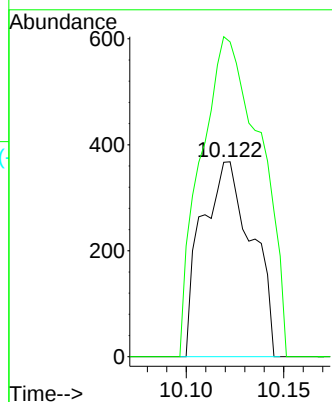
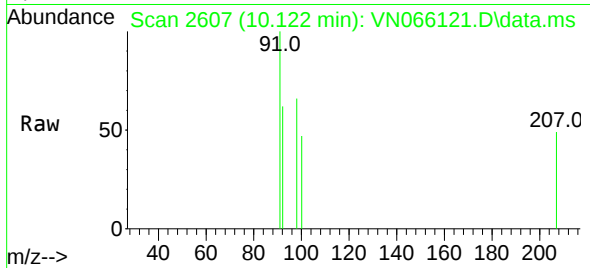




#52
Toluene
Concen: 0.28 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.003 min
Lab File: VN066121.D
Acq: 3 Mar 2021 13:56

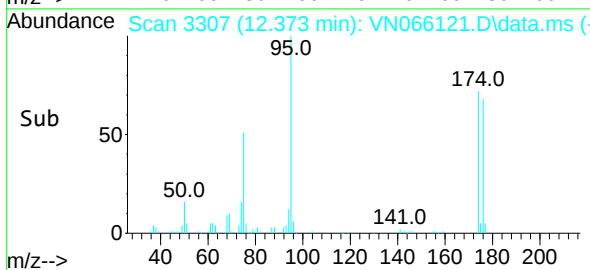
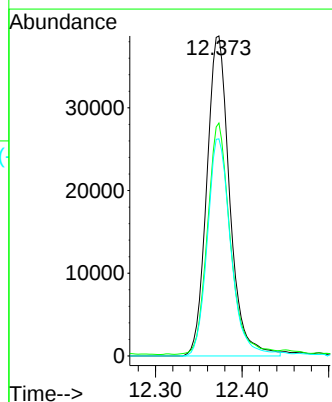
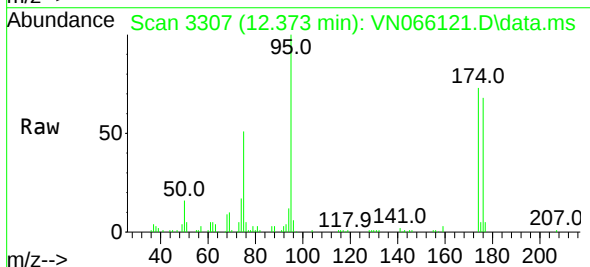
Instrument :
MSVOA_N
ClientSampled :
IBLK

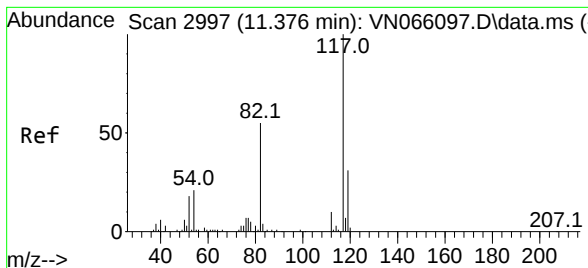
Tgt Ion: 92 Resp: 655
Ion Ratio Lower Upper
92 100
91 196.6 140.7 211.1



#62
4-Bromofluorobenzene
Concen: 56.60 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066121.D
Acq: 3 Mar 2021 13:56

Tgt Ion: 95 Resp: 71204
Ion Ratio Lower Upper
95 100
174 71.8 0.0 169.0
176 69.7 0.0 162.4

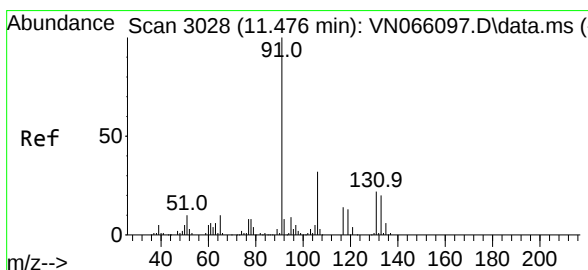
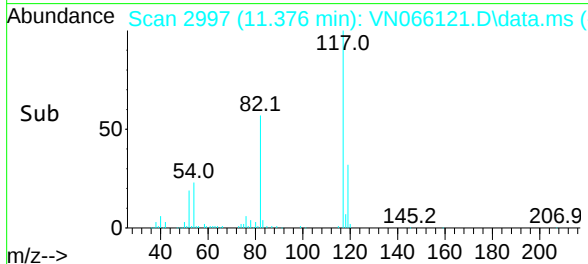
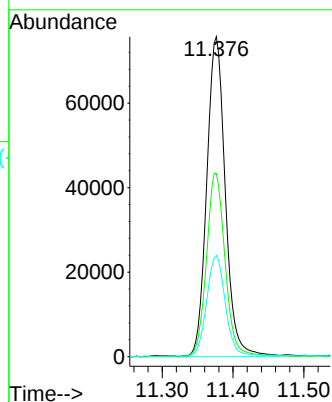
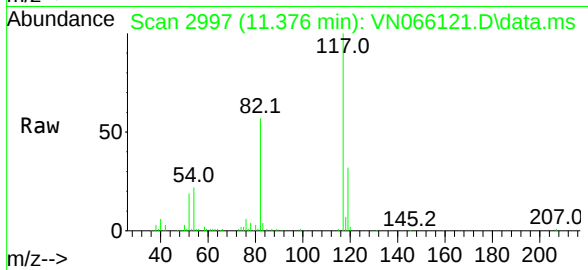




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066121.D
Acq: 3 Mar 2021 13:56

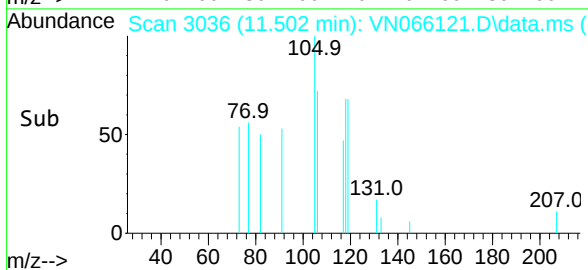
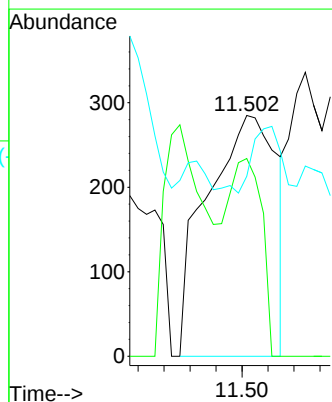
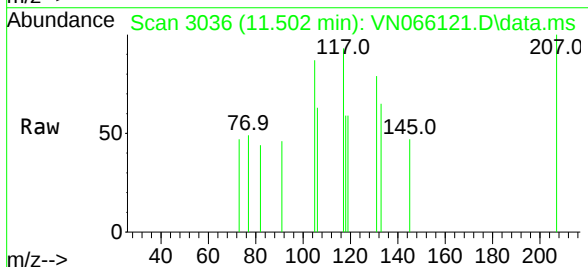
Instrument :
MSVOA_N
ClientSampleId :
IBLK

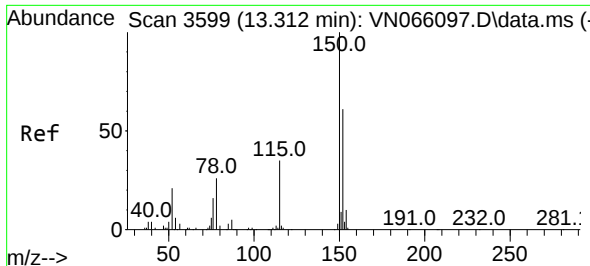
Tgt Ion:117 Resp: 138174
Ion Ratio Lower Upper
117 100
82 57.2 43.7 65.5
119 31.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 0.48 ug/l
RT: 11.502 min Scan# 3036
Delta R.T. 0.026 min
Lab File: VN066121.D
Acq: 3 Mar 2021 13:56

Tgt Ion:131 Resp: 529
Ion Ratio Lower Upper
131 100
133 37.8 48.0 144.0#
119 0.0 34.1 102.2#

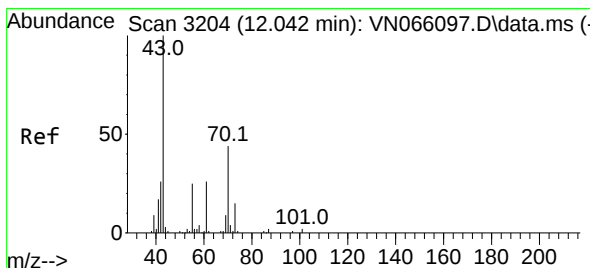
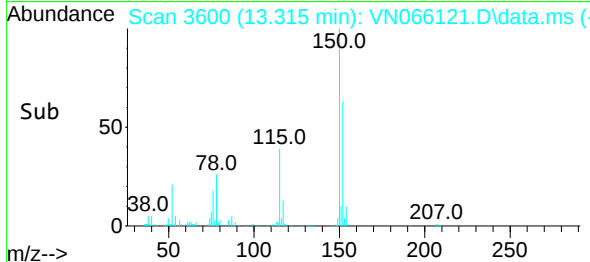
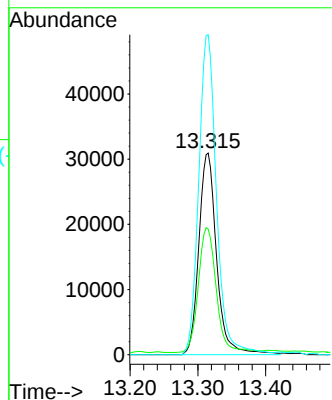
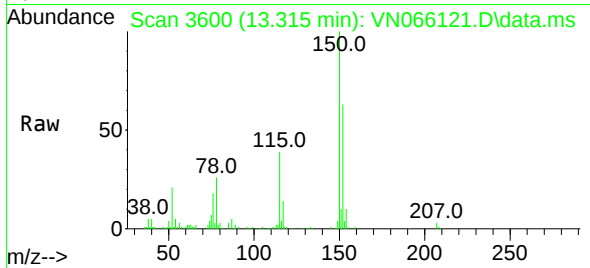




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066121.D
Acq: 3 Mar 2021 13:56

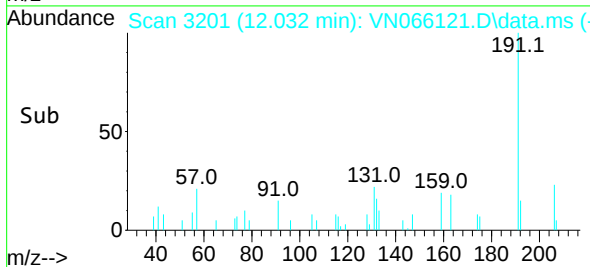
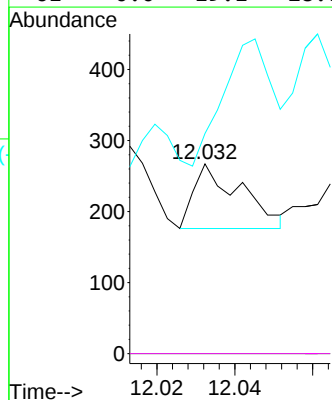
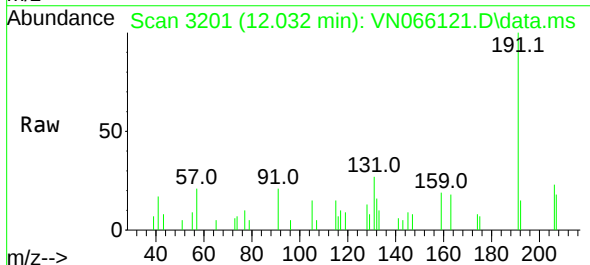
Instrument :
MSVOA_N
ClientSampleId :
IBLK

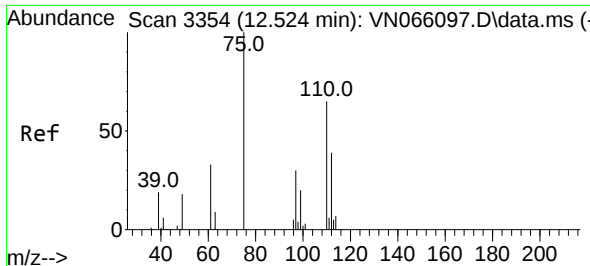
Tgt Ion:152 Resp: 56442
Ion Ratio Lower Upper
152 100
115 61.9 28.5 85.6
150 158.7 0.0 347.6



#74
N-ethyl acetate
Concen: 3.25 ug/l
RT: 12.032 min Scan# 3201
Delta R.T. -0.010 min
Lab File: VN066121.D
Acq: 3 Mar 2021 13:56

Tgt Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
70 0.0 34.4 51.6#
55 205.3 20.7 31.1#
61 0.0 19.1 28.7#

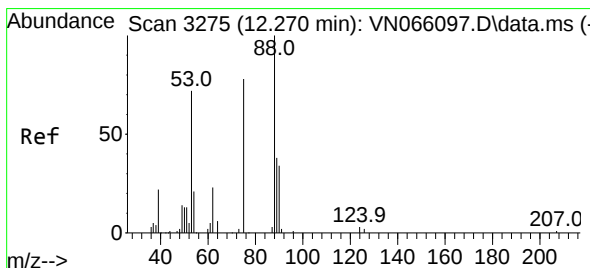
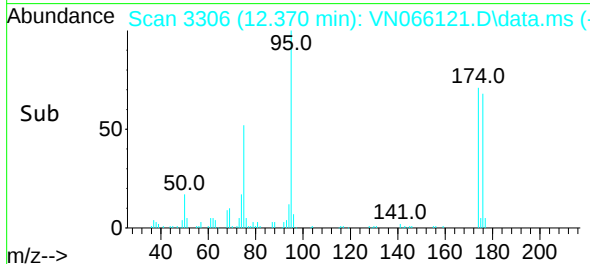
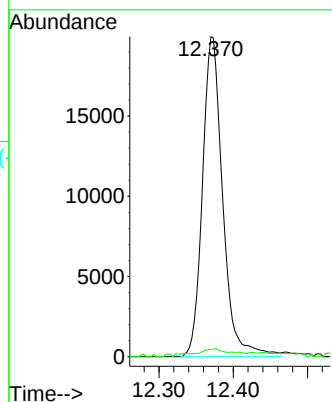
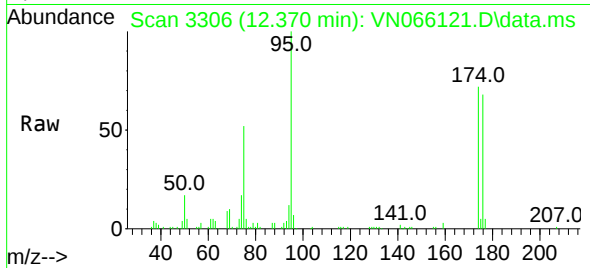




#76
1,2,3-Trichloropropane
Concen: 30.28 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.154 min
Lab File: VN066121.D
Acq: 3 Mar 2021 13:56

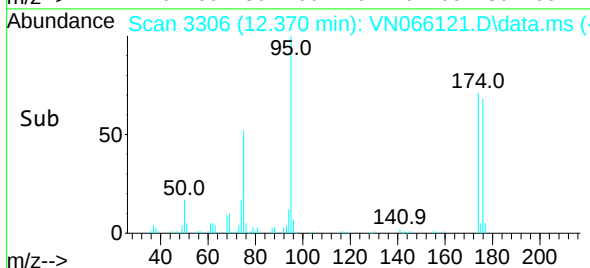
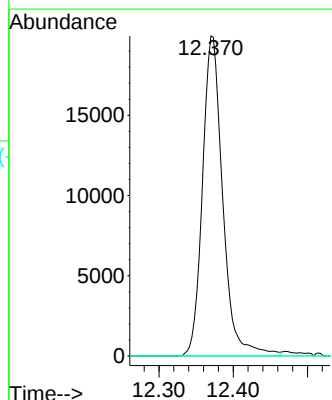
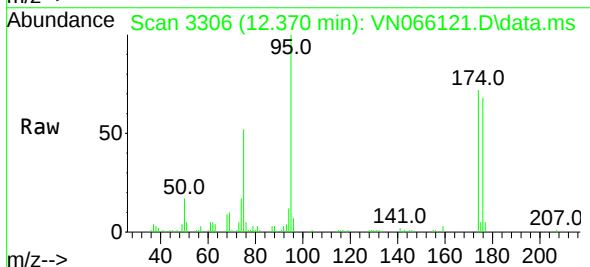
Instrument :
MSVOA_N
ClientSampled :
IBLK

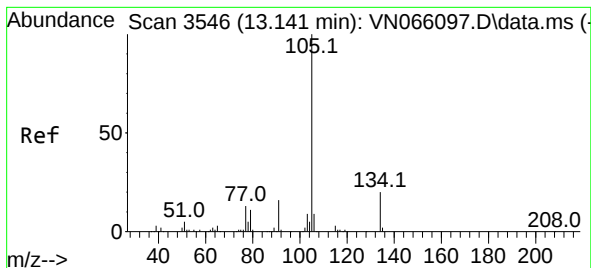
Tgt Ion: 75 Resp: 37732
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.09 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN066121.D
Acq: 3 Mar 2021 13:56

Tgt Ion: 75 Resp: 37732
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

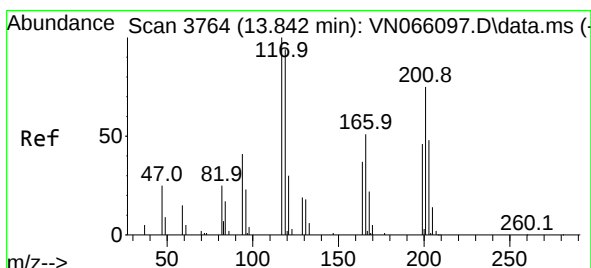
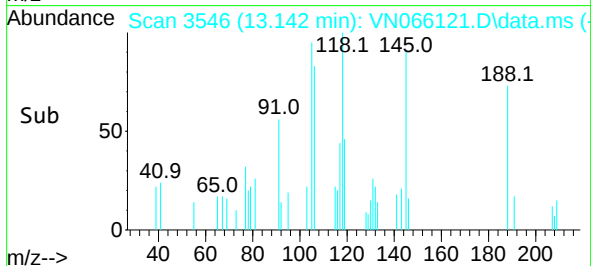
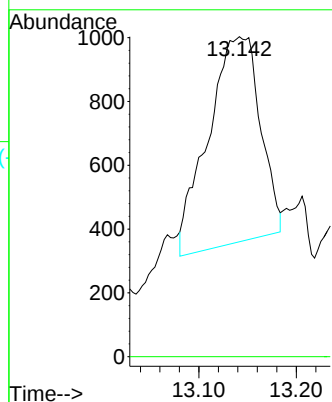
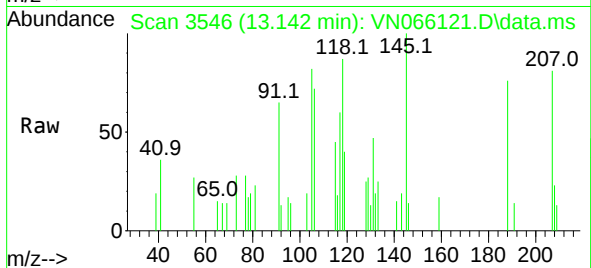




#85
 sec-Butylbenzene
 Concen: 0.58 ug/l
 RT: 13.142 min Scan# 3546
 Delta R.T. 0.001 min
 Lab File: VN066121.D
 Acq: 3 Mar 2021 13:56

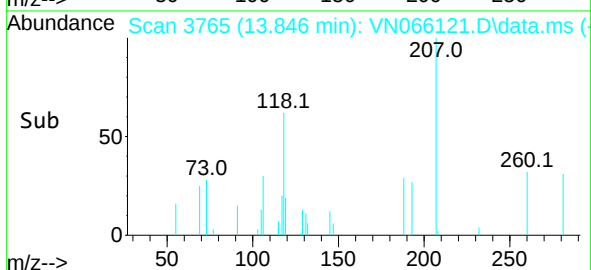
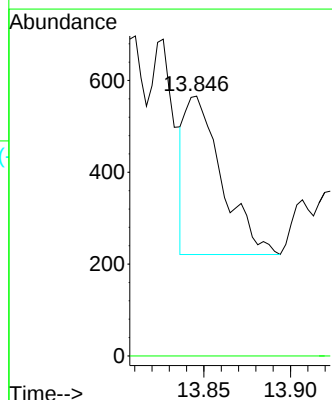
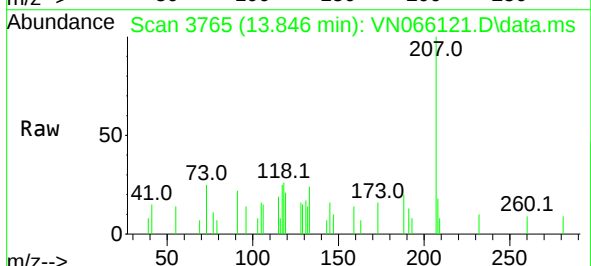
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

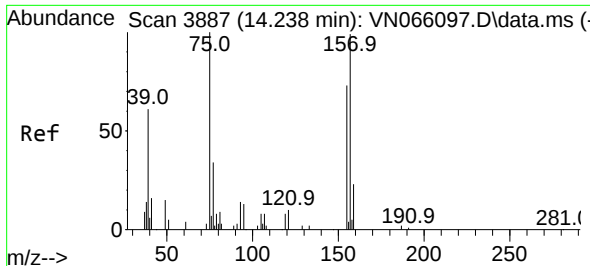
Tgt Ion:105 Resp: 2404
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 30.0#



#90
 Hexachloroethane
 Concen: 0.88 ug/l
 RT: 13.846 min Scan# 3765
 Delta R.T. 0.004 min
 Lab File: VN066121.D
 Acq: 3 Mar 2021 13:56

Tgt Ion:117 Resp: 512
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.8 113.3#

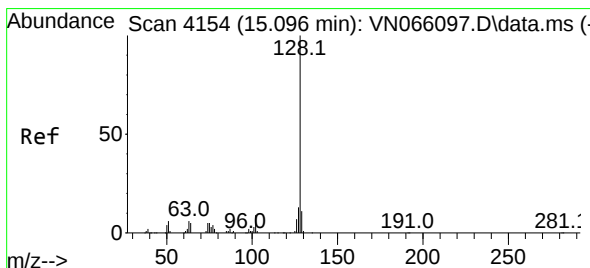
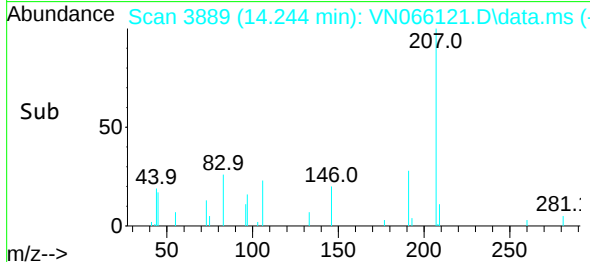
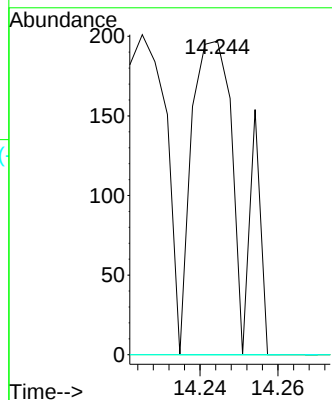
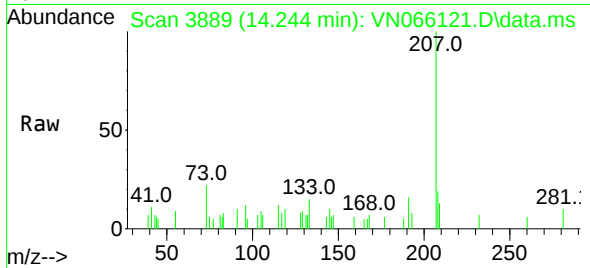




#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.244 min Scan# 3889
Delta R.T. 0.006 min
Lab File: VN066121.D
Acq: 3 Mar 2021 13:56

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 167
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#



#95
Naphthalene
Concen: 0.30 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.010 min
Lab File: VN066121.D
Acq: 3 Mar 2021 13:56

Tgt Ion: 128 Resp: 956
Ion Ratio Lower Upper
128 100
127 3.1 10.2 15.2#
129 12.0 8.6 13.0

