

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032621\
 Data File : VN066361.D
 Acq On : 26 Mar 2021 19:53
 Operator : JC/MD
 Sample : M1788-07 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20210322

Quant Time: Mar 27 01:51:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

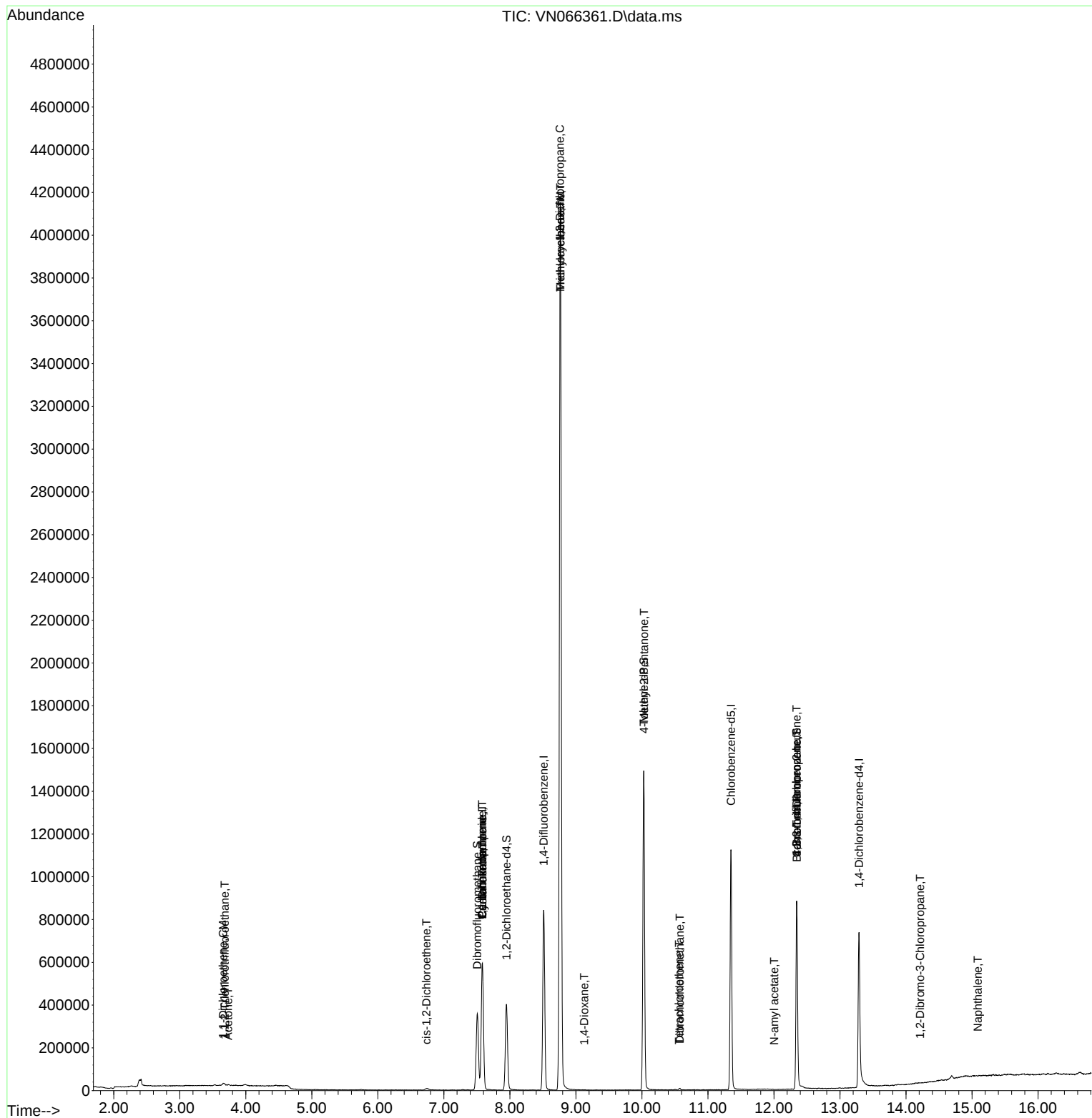
Internal Standards						
1) Pentafluorobenzene	7.585	168	509427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.513	114	752058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	640345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	238751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	334689	49.42	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.84%		
35) Dibromofluoromethane	7.507	113	269250	54.01	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.02%		
50) Toluene-d8	10.028	98	1020797	53.98	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	107.96%		
62) 4-Bromofluorobenzene	12.345	95	298289	45.41	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.82%		
Target Compounds						Qvalue
3) Chloromethane	2.017	50	3563	Below Cal		91
9) 1,1,2-Trichlorotrifluo...	3.682	101	2820	0.49 ug/l #		87
12) 1,1-Dichloroethene	3.655	96	1749	0.30 ug/l		99
13) Acrolein	3.521	56	1609	Below Cal #		1
16) Acetone	3.733	43	5647	1.54 ug/l		91
20) Methylene Chloride	4.452	84	1461	Below Cal #		67
27) cis-1,2-Dichloroethene	6.734	96	3728	0.60 ug/l		79
31) Cyclohexane	7.585	56	9985	1.07 ug/l #		1
36) 1,1-Dichloropropene	7.582	75	35255	4.99 ug/l #		49
38) Carbon Tetrachloride	7.582	117	45147	6.36 ug/l #		16
39) Methylcyclohexane	8.765	83	17715	2.06 ug/l #		1
44) Trichloroethene	8.765	130	1484328	264.47 ug/l		100
45) 1,2-Dichloropropane	8.759	63	4185	0.74 ug/l #		1
49) 1,4-Dioxane	9.127	88	50	0.63 ug/l #		1
51) 4-Methyl-2-Pentanone	10.031	43	4731	0.61 ug/l #		1
60) Dibromochloromethane	10.575	129	1797	0.31 ug/l #		11
64) Tetrachloroethene	10.564	164	1628	0.30 ug/l		95
71) Bromoform	12.348	173	2269	0.55 ug/l #		1
74) N-amyl acetate	12.004	43	143	3.21 ug/l #		1
76) 1,2,3-Trichloropropane	12.345	75	154753	29.54 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.345	75	154753	88.83 ug/l #		12
92) 1,2-Dibromo-3-Chloropr...	14.214	75	250	0.23 ug/l #		1
95) Naphthalene	15.089	128	1749	1.17 ug/l #		78

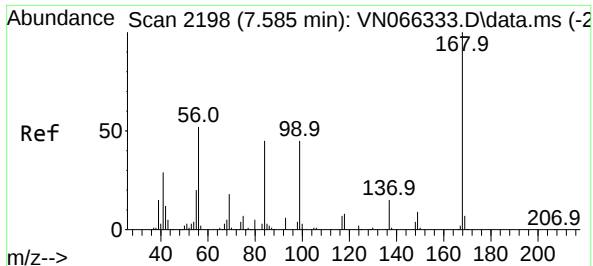
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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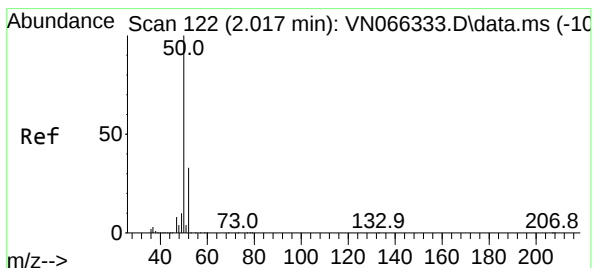
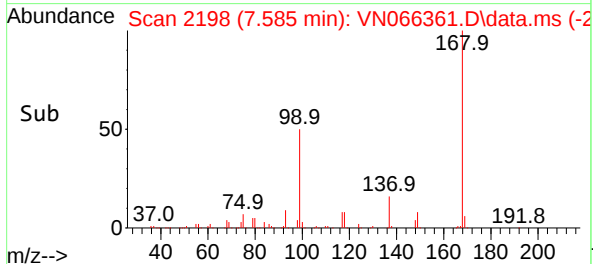
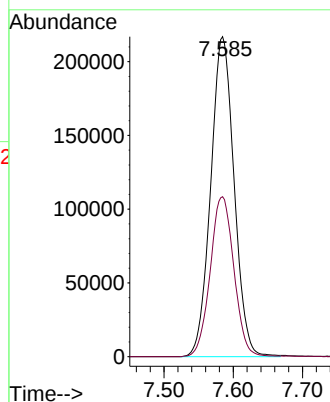
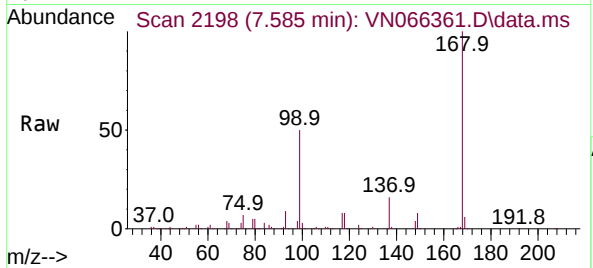




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

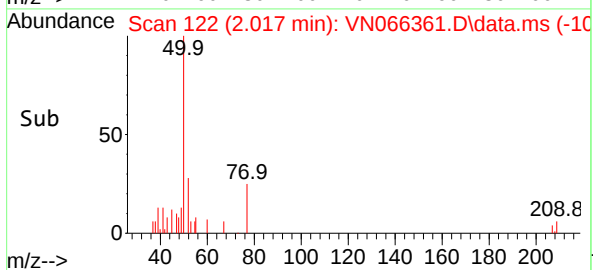
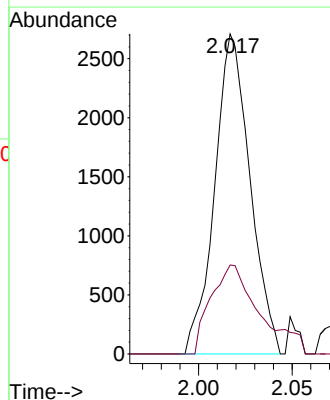
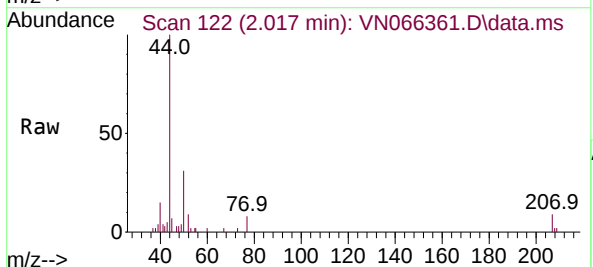
Instrument :
MSVOA_N
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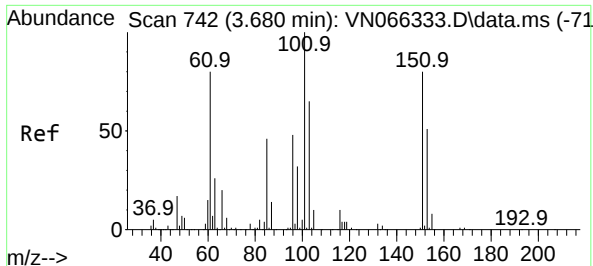
Tgt Ion:168 Resp: 509427
Ion Ratio Lower Upper
168 100
99 50.0 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.017 min Scan# 122
Delta R.T. -0.000 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

Tgt Ion: 50 Resp: 3563
Ion Ratio Lower Upper
50 100
52 27.8 26.2 39.2

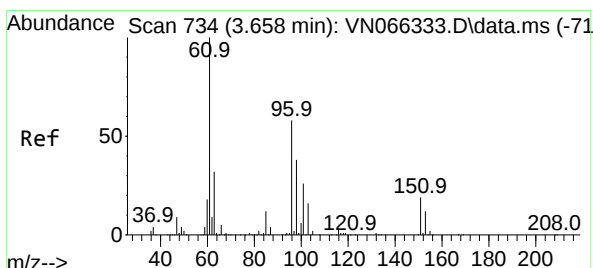
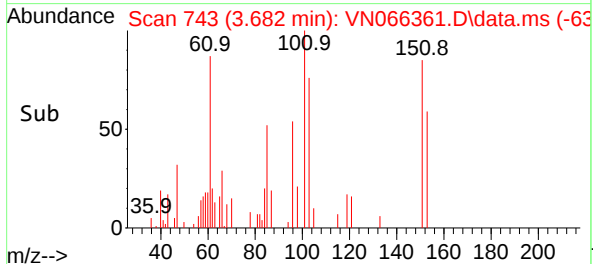
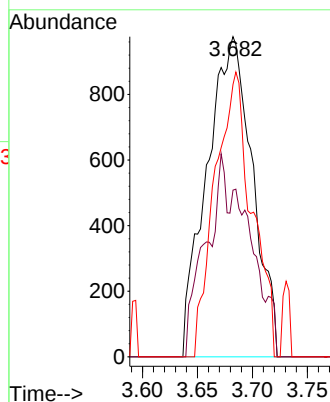
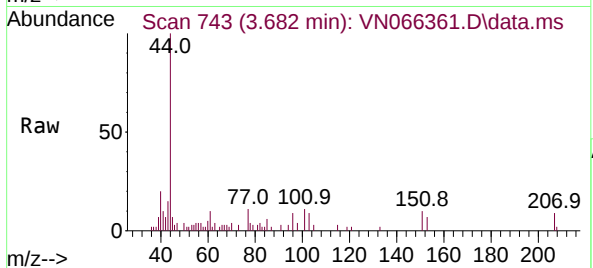




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.49 ug/l
RT: 3.682 min Scan# 743
Delta R.T. 0.002 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

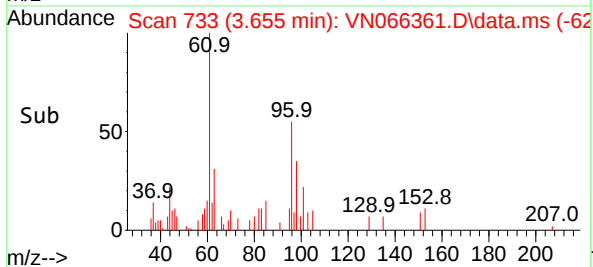
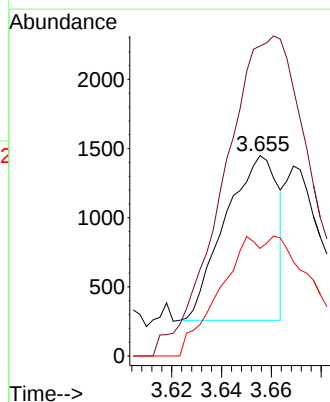
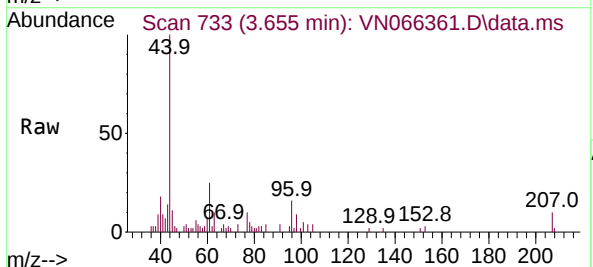
Instrument :
MSVOA_N
ClientSampleId :
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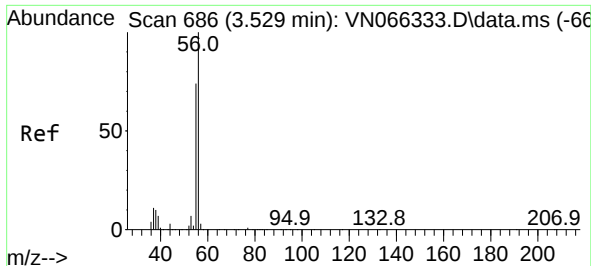
Tgt Ion:101 Resp: 2820
Ion Ratio Lower Upper
101 100
85 31.7 36.8 55.2#
151 71.8 63.0 94.4



#12
1,1-Dichloroethene
Concen: 0.30 ug/l
RT: 3.655 min Scan# 733
Delta R.T. -0.003 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

Tgt Ion: 96 Resp: 1749
Ion Ratio Lower Upper
96 100
61 169.0 137.0 205.4
98 65.3 51.5 77.3

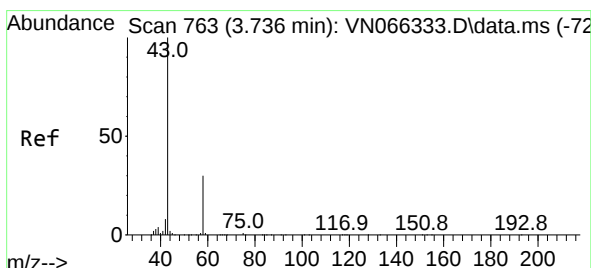
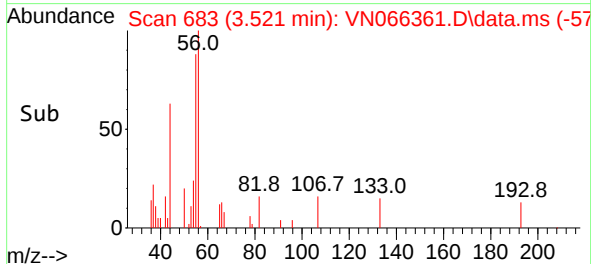
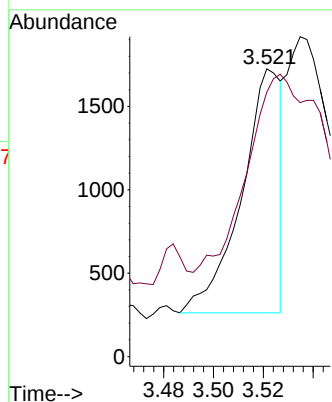
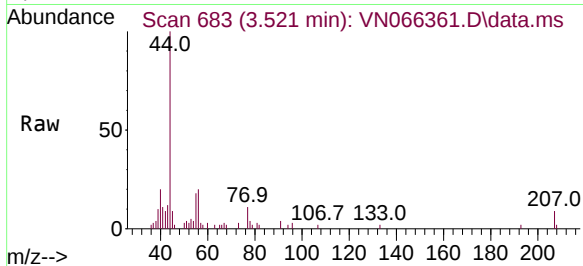




#13
Acrolein
Concen: Below Cal
RT: 3.521 min Scan# 683
Delta R.T. -0.008 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

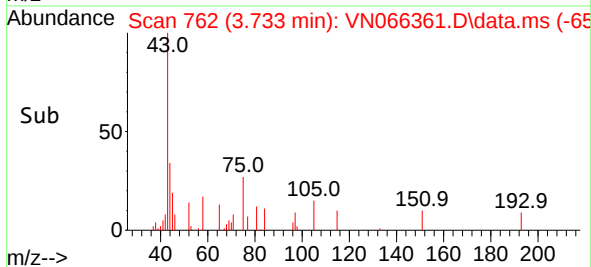
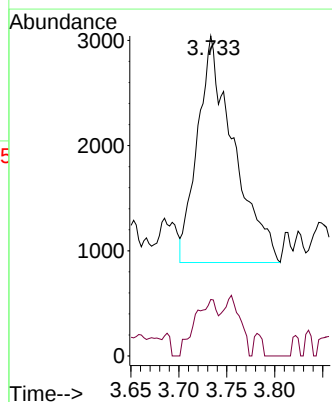
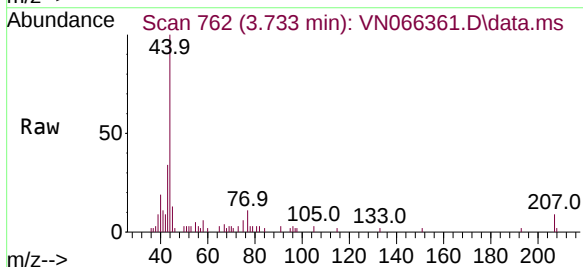
Instrument :
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RE108D2-20210322

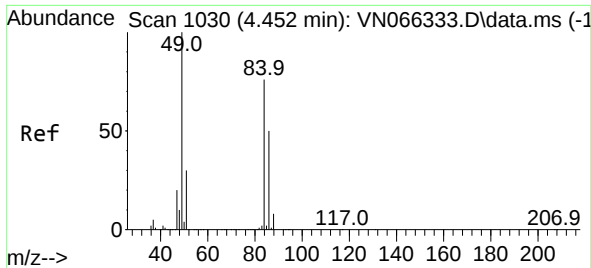
Tgt Ion: 56 Resp: 1609
Ion Ratio Lower Upper
56 100
55 192.3 57.9 86.9#



#16
Acetone
Concen: 1.54 ug/l
RT: 3.733 min Scan# 762
Delta R.T. -0.003 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

Tgt Ion: 43 Resp: 5647
Ion Ratio Lower Upper
43 100
58 24.9 23.8 35.8

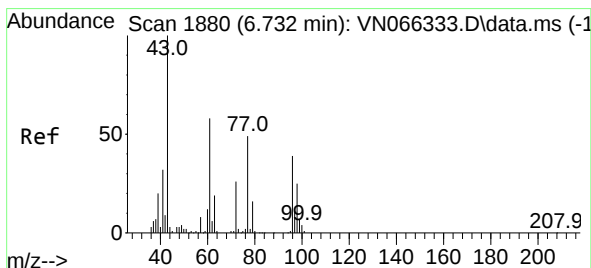
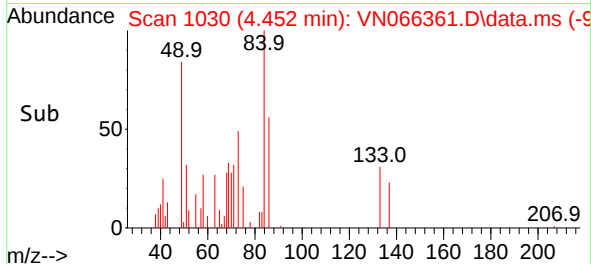
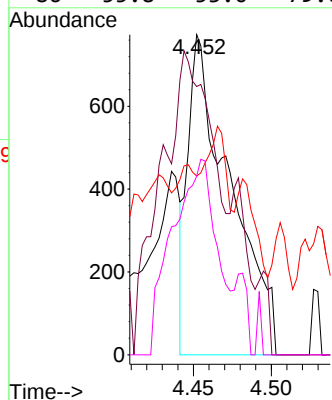
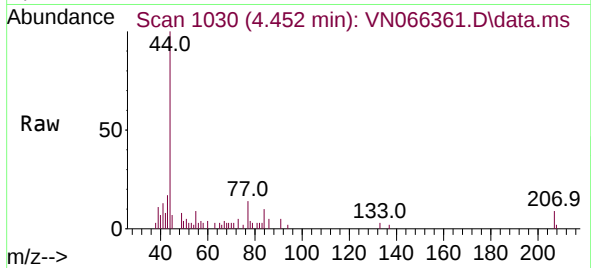




#20
Methylene Chloride
Concen: Below Cal
RT: 4.452 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

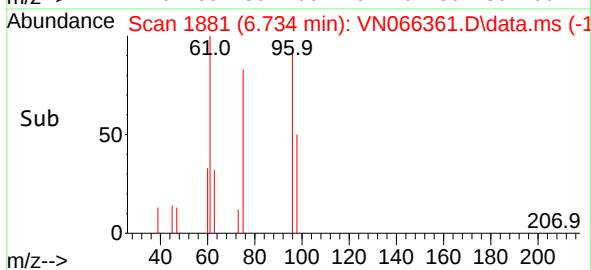
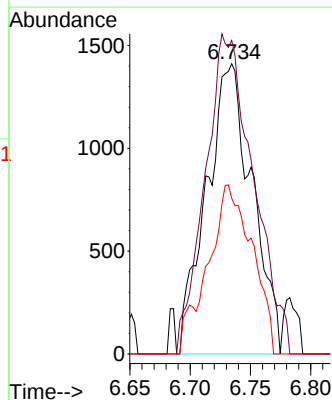
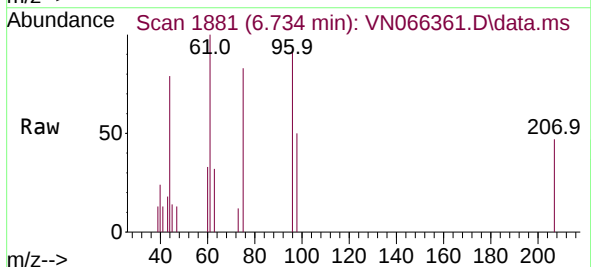
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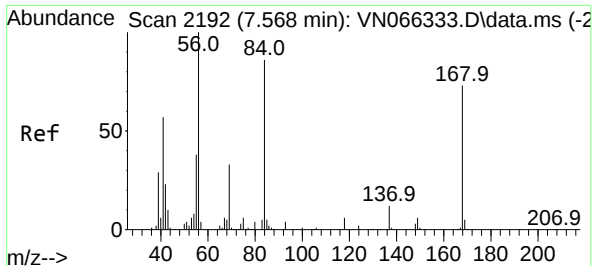
Tgt Ion:	84	Resp:	1461
Ion	Ratio	Lower	Upper
84	100		
49	83.8	105.0	157.6#
51	14.6	31.6	47.4#
86	55.8	53.0	79.6



#27
cis-1,2-Dichloroethene
Concen: 0.60 ug/l
RT: 6.734 min Scan# 1881
Delta R.T. 0.003 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

Tgt Ion:	96	Resp:	3728
Ion	Ratio	Lower	Upper
96	100		
61	116.1	0.0	296.2
98	56.5	0.0	129.2

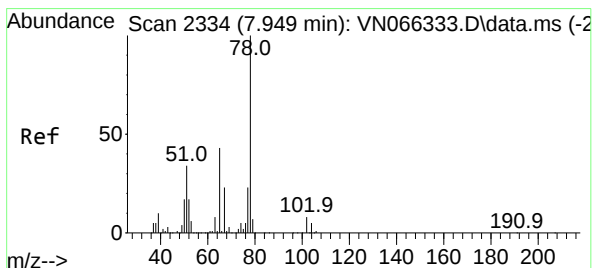
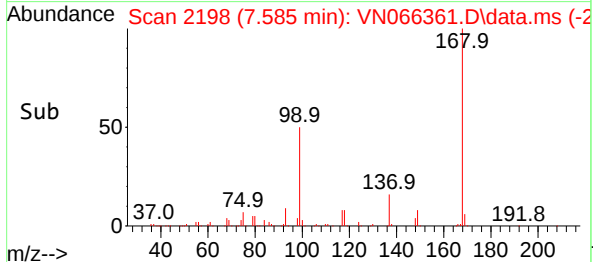
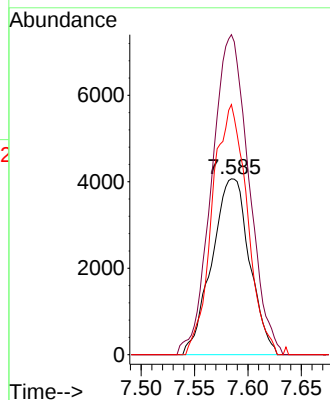
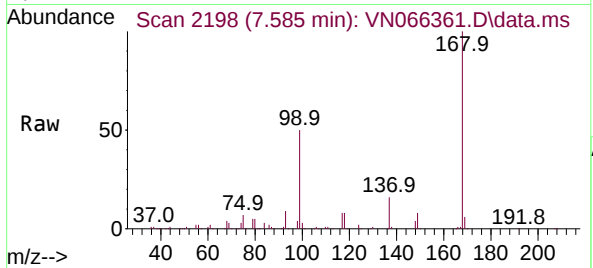




#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. 0.016 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

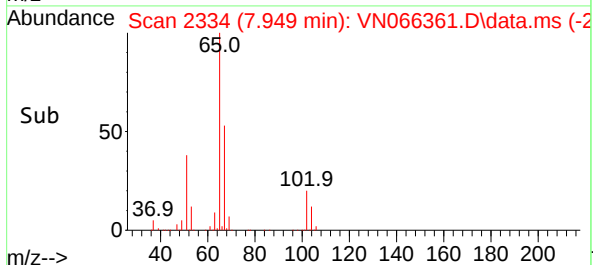
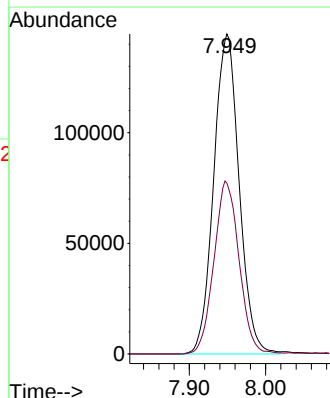
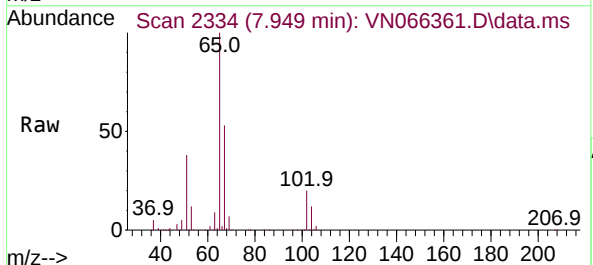
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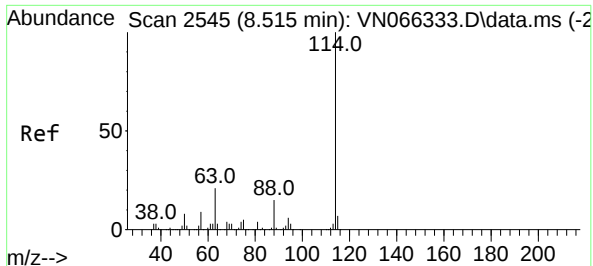
Tgt Ion: 56 Resp: 9985
Ion Ratio Lower Upper
56 100
69 178.0 26.6 40.0#
84 142.2 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: 49.42 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. 0.000 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

Tgt Ion: 65 Resp: 334689
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.2



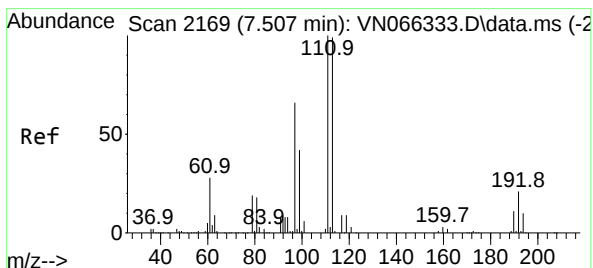
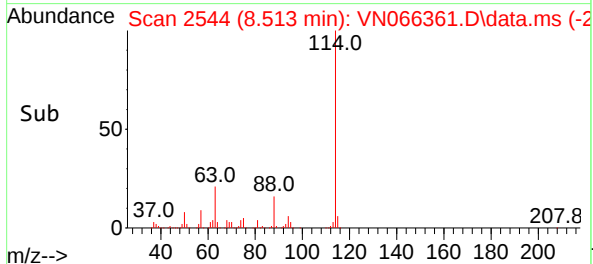
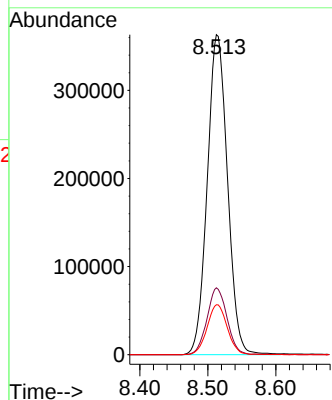
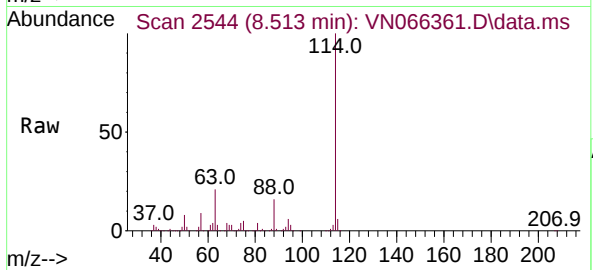


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.513 min Scan# 2544
Delta R.T. -0.002 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

Instrument :
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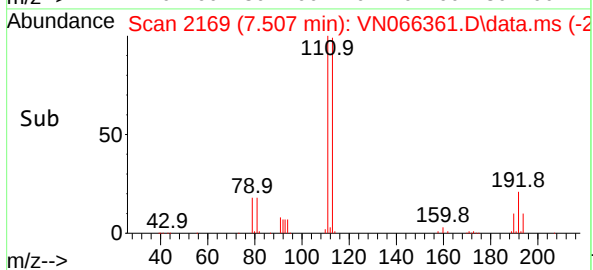
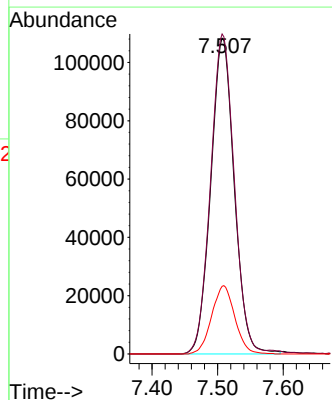
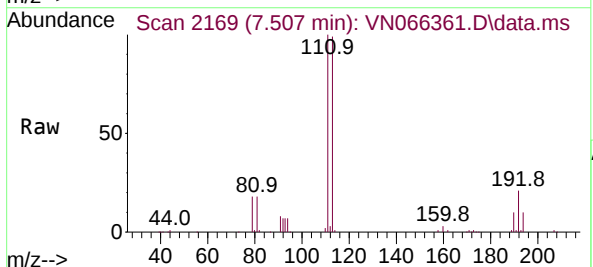
Tgt Ion:114 Resp: 752058
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.0
88 15.6 0.0 31.0

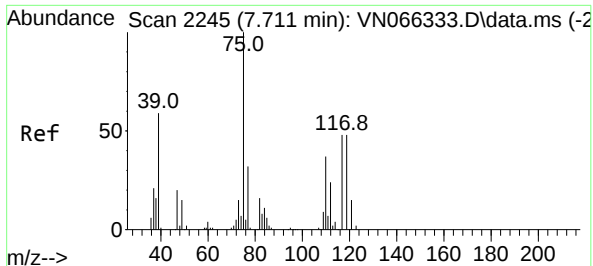


#35

Dibromofluoromethane
Concen: 54.01 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

Tgt Ion:113 Resp: 269250
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.8
192 21.4 17.1 25.7

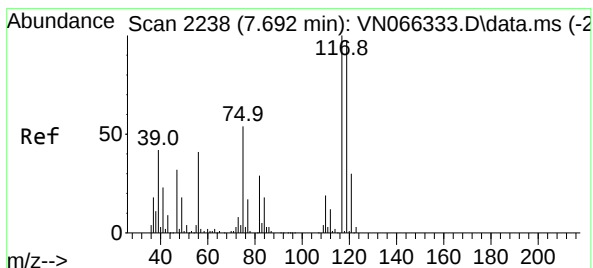
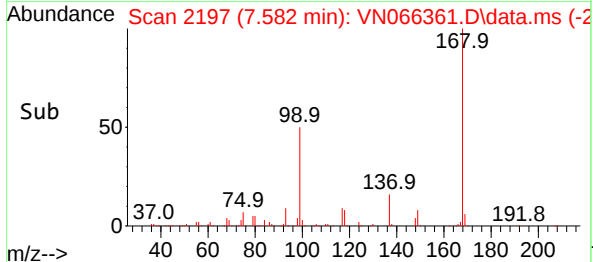
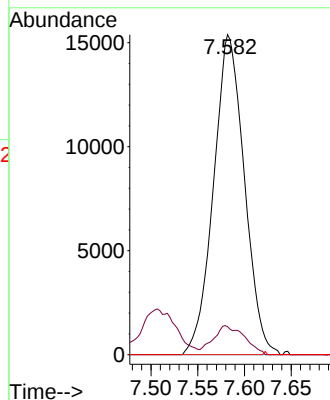
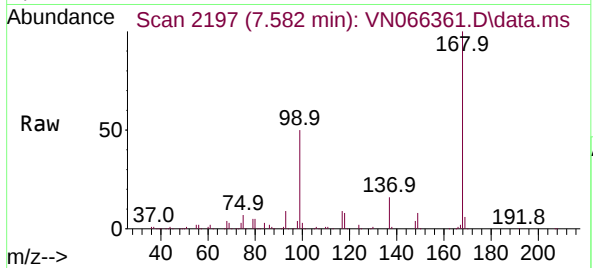




#36
1,1-Dichloropropene
Concen: 4.99 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.129 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

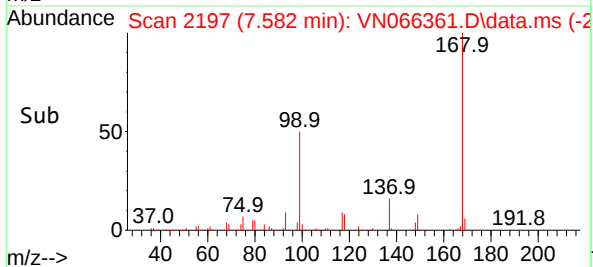
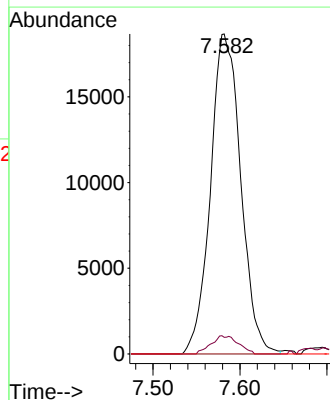
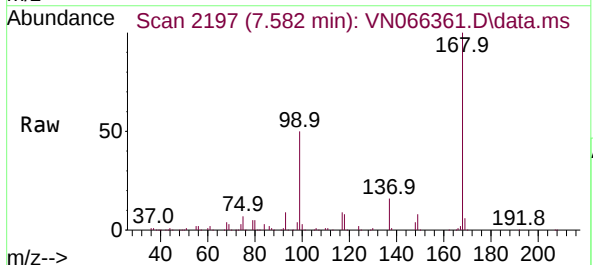
Instrument :
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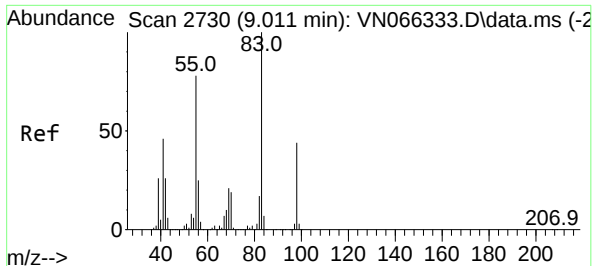
Tgt Ion: 75 Resp: 35255
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.36 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.110 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

Tgt Ion: 117 Resp: 45147
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 24.2 36.4#





#39

Methylcyclohexane

Concen: 2.06 ug/l

RT: 8.765 min Scan# 2638

Delta R.T. -0.247 min

Lab File: VN066361.D

Acq: 26 Mar 2021 19:53

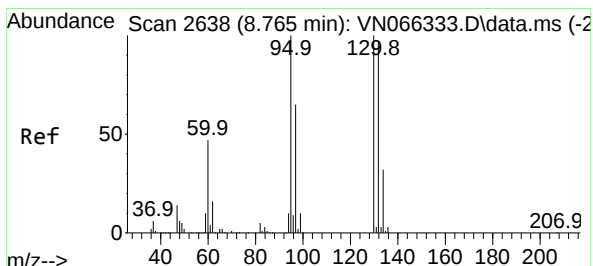
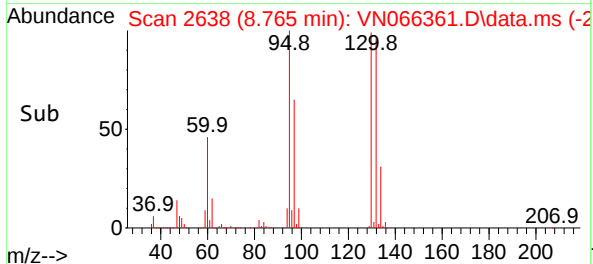
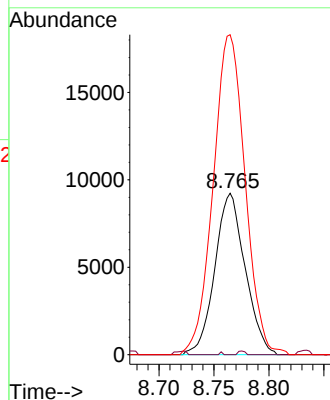
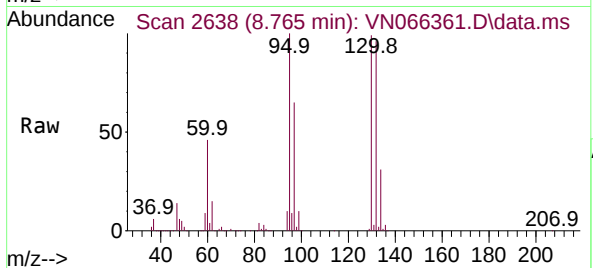
Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20210322

Tgt Ion: 83	Resp: 17715
Ion Ratio	Lower Upper
83 100	
55 0.0	62.3 93.5#
98 198.3	35.6 53.4#



#44

Trichloroethene

Concen: 264.47 ug/l

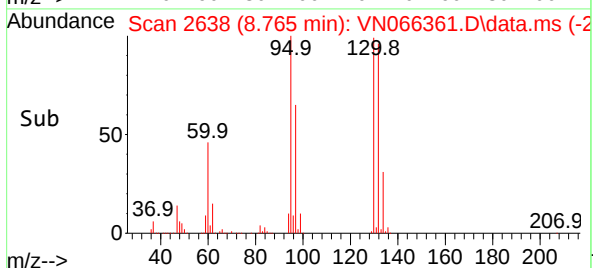
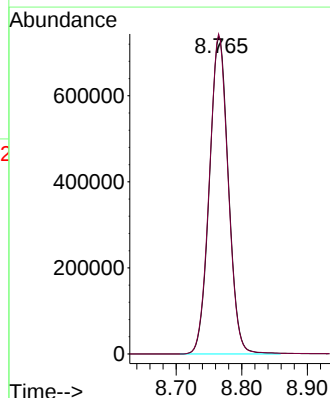
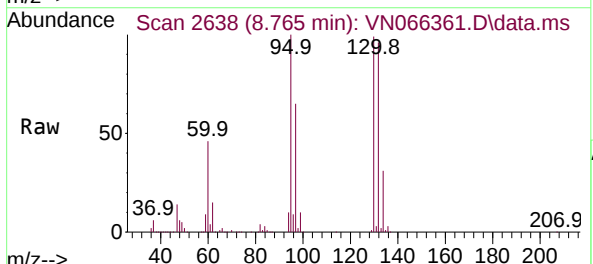
RT: 8.765 min Scan# 2638

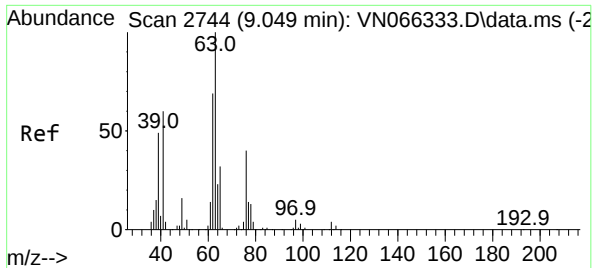
Delta R.T. 0.000 min

Lab File: VN066361.D

Acq: 26 Mar 2021 19:53

Tgt Ion:130	Resp: 1484328
Ion Ratio	Lower Upper
130 100	
95 100.8	0.0 200.6

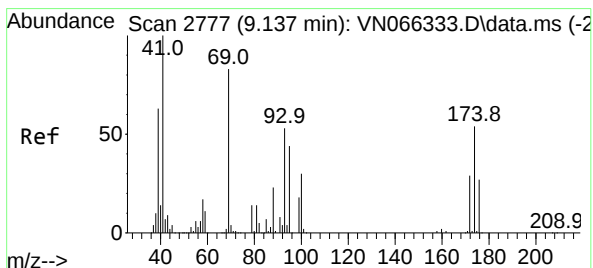
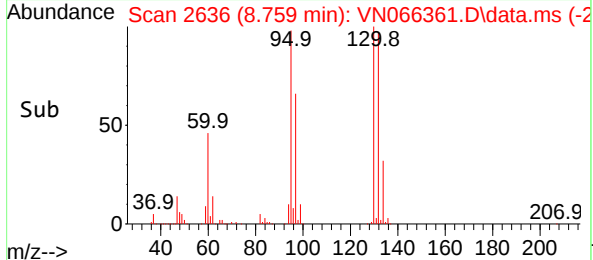
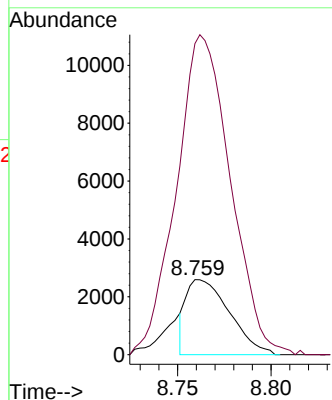
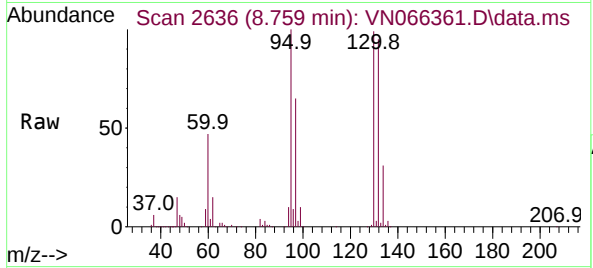




#45
1,2-Dichloropropane
Concen: 0.74 ug/l
RT: 8.759 min Scan# 2636
Delta R.T. -0.290 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

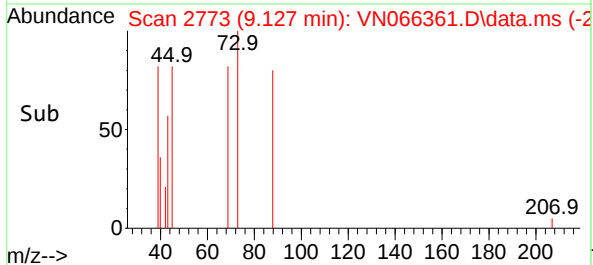
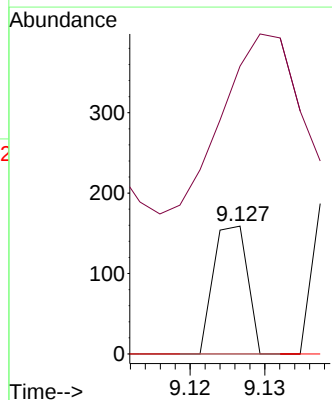
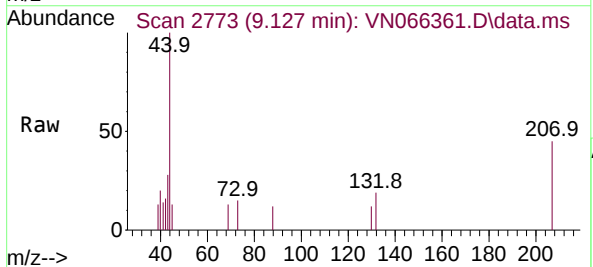
Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20210322

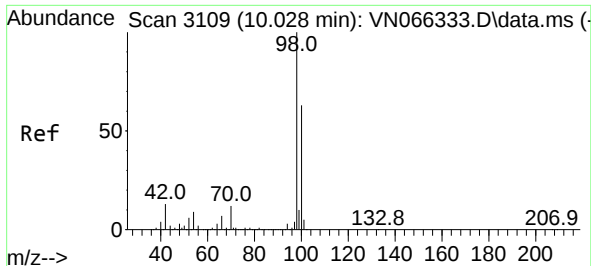
Tgt Ion: 63 Resp: 4185
Ion Ratio Lower Upper
63 100
65 404.2 25.5 38.3#



#49
1,4-Dioxane
Concen: 0.63 ug/l
RT: 9.127 min Scan# 2773
Delta R.T. -0.011 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

Tgt Ion: 88 Resp: 50
Ion Ratio Lower Upper
88 100
43 348.0 28.2 42.4#
58 0.0 56.6 84.8#

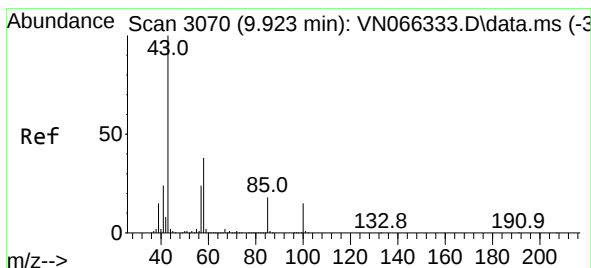
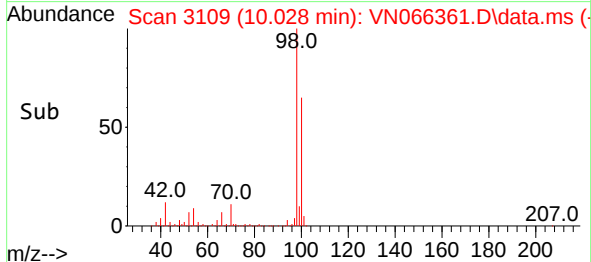
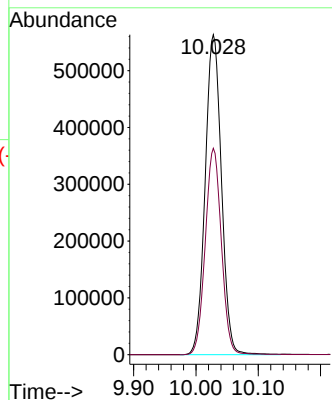
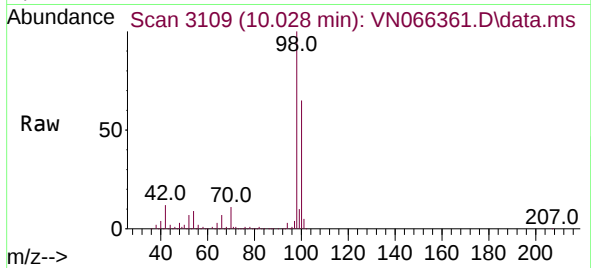




#50
Toluene-d8
Concen: 53.98 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

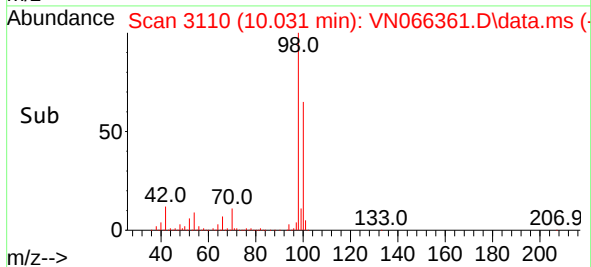
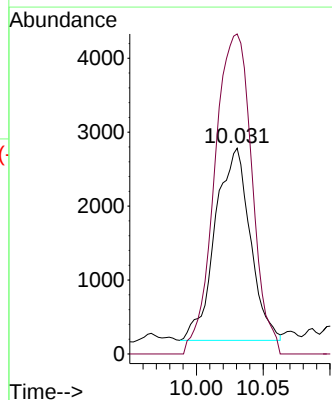
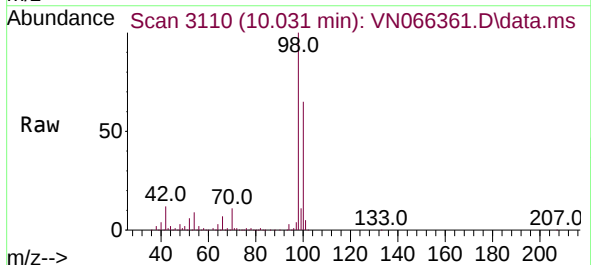
Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20210322

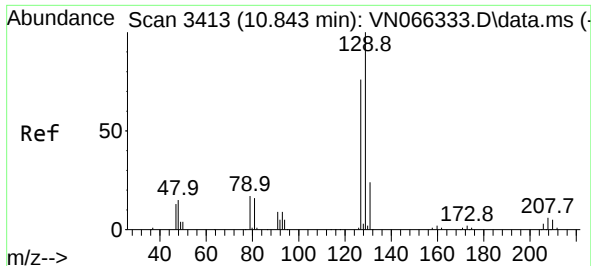
Tgt Ion: 98 Resp: 1020797
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.61 ug/l
RT: 10.031 min Scan# 3110
Delta R.T. 0.107 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

Tgt Ion: 43 Resp: 4731
Ion Ratio Lower Upper
43 100
58 177.5 30.8 46.2#

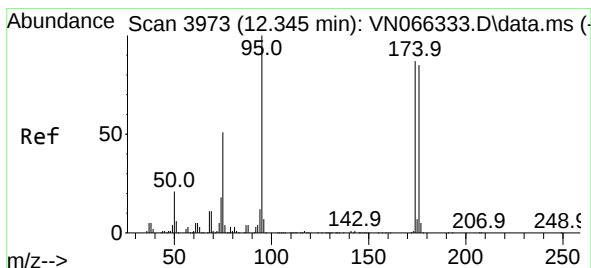
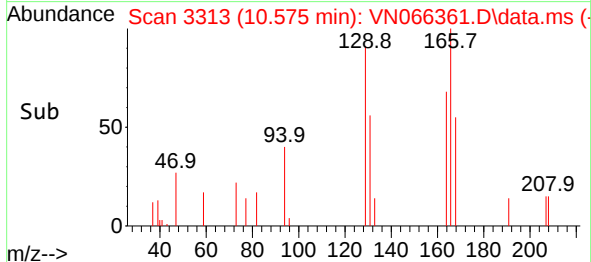
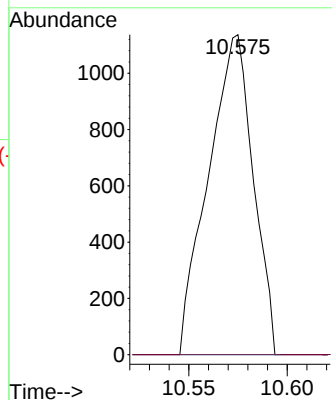
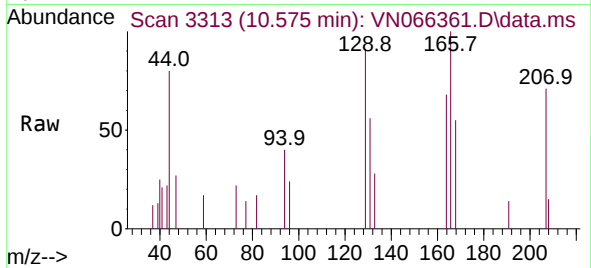




#60
Dibromochloromethane
Concen: 0.31 ug/l
RT: 10.575 min Scan# 3313
Delta R.T. -0.268 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

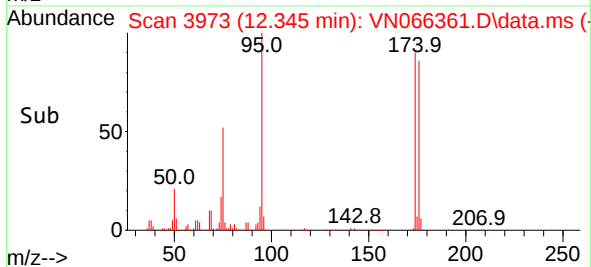
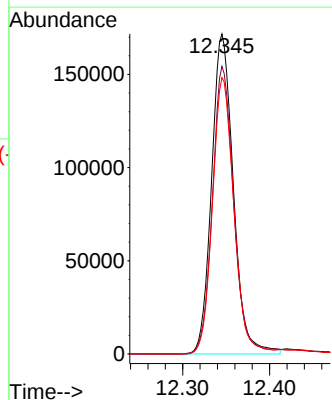
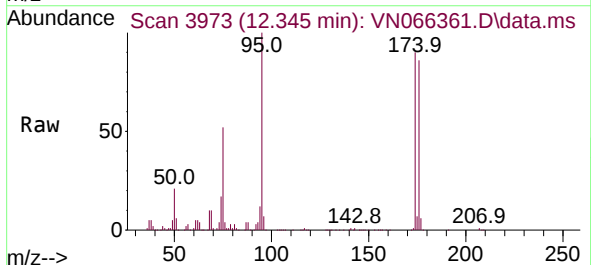
Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20210322

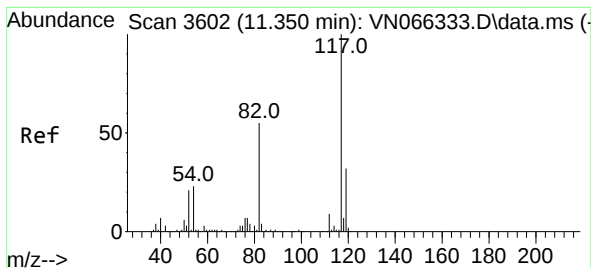
Tgt Ion:129 Resp: 1797
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 45.41 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

Tgt Ion: 95 Resp: 298289
Ion Ratio Lower Upper
95 100
174 87.8 0.0 172.2
176 85.2 0.0 167.8

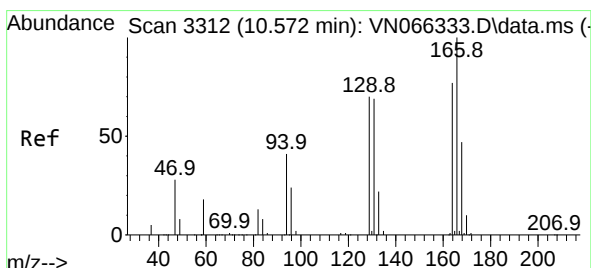
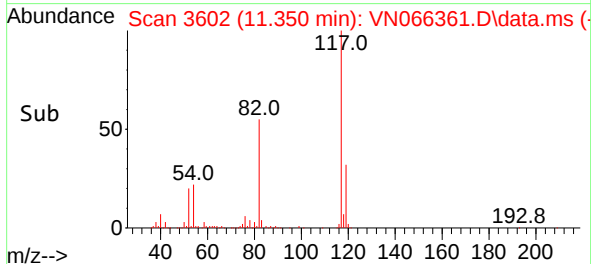
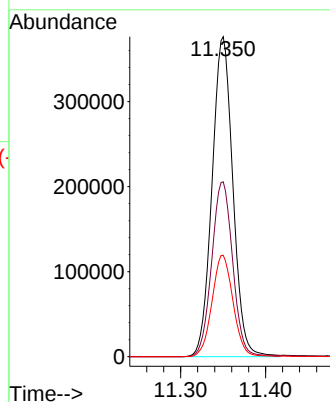
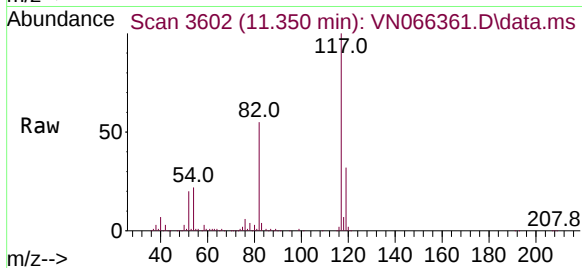




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.000 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

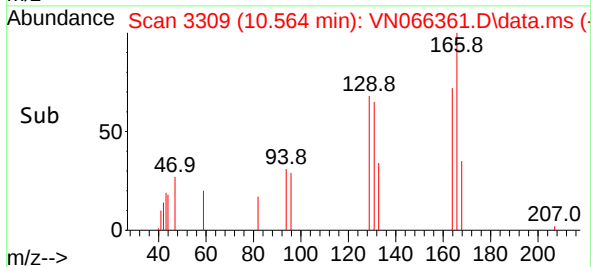
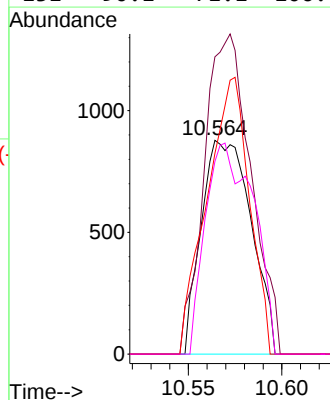
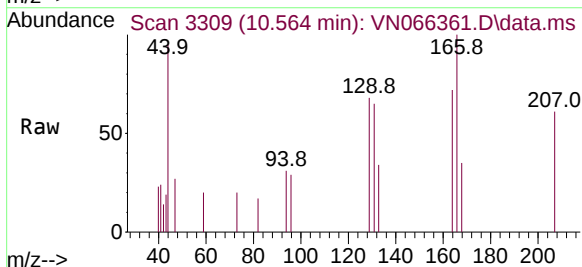
Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20210322

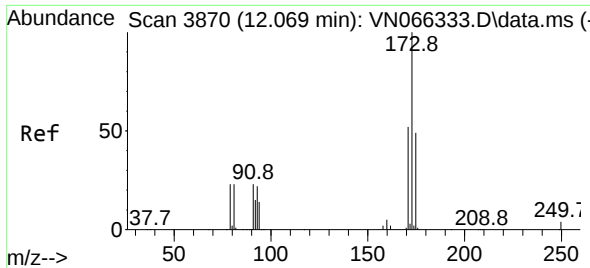
Tgt Ion:	117	Resp:	640345
Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.2	66.4
119	31.7	25.8	38.6



#64
Tetrachloroethene
Concen: 0.30 ug/l
RT: 10.564 min Scan# 3309
Delta R.T. -0.008 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

Tgt Ion:	164	Resp:	1628
Ion	Ratio	Lower	Upper
164	100		
166	139.1	103.3	154.9
129	94.0	72.5	108.7
131	90.1	71.1	106.7

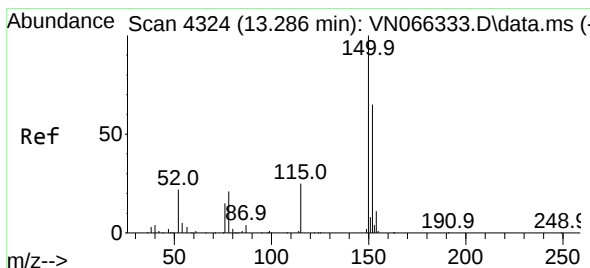
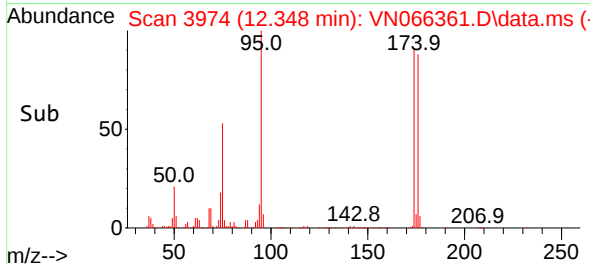
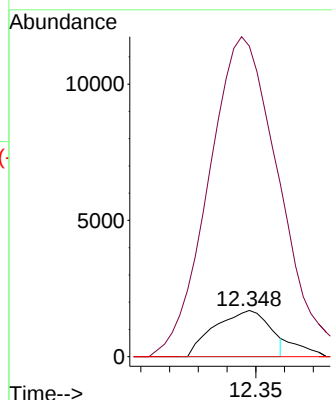
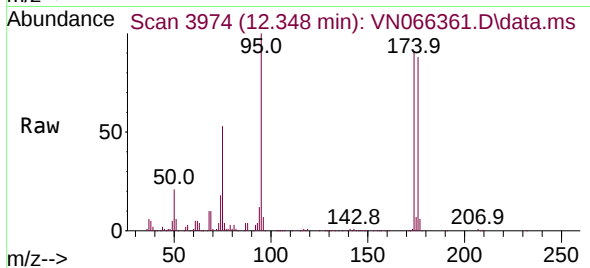




#71
Bromoform
Concen: 0.55 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.279 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

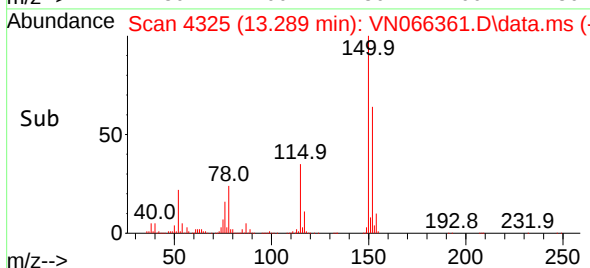
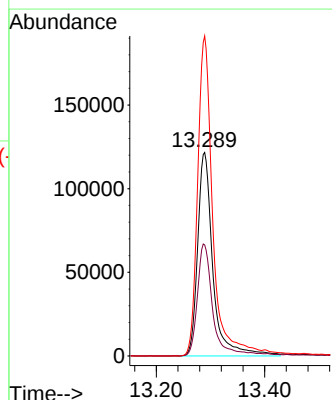
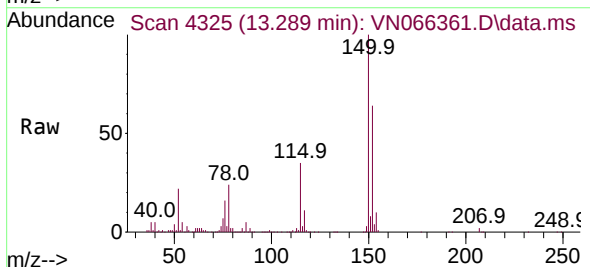
Instrument :
MSVOA_N
ClientSampleId :
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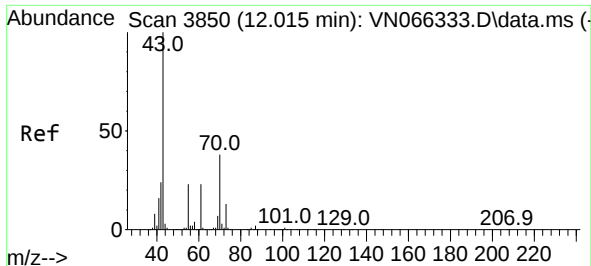
Tgt Ion:173 Resp: 2269
Ion Ratio Lower Upper
173 100
175 769.5 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

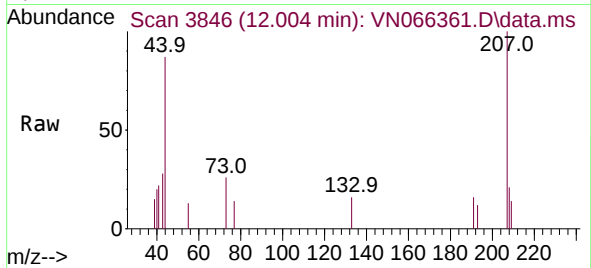
Tgt Ion:152 Resp: 238751
Ion Ratio Lower Upper
152 100
115 53.9 27.8 83.4
150 154.3 0.0 348.4





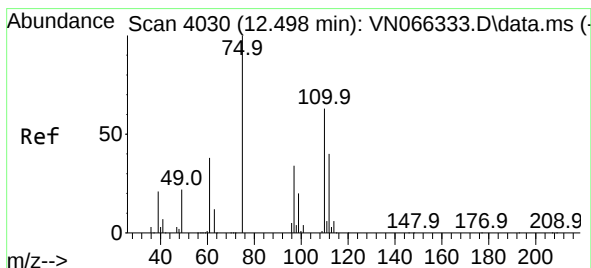
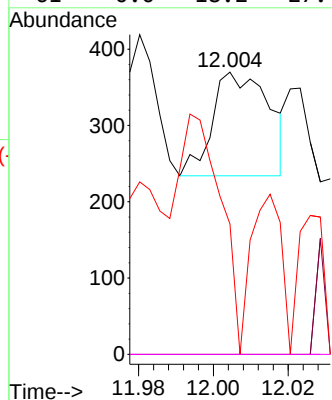
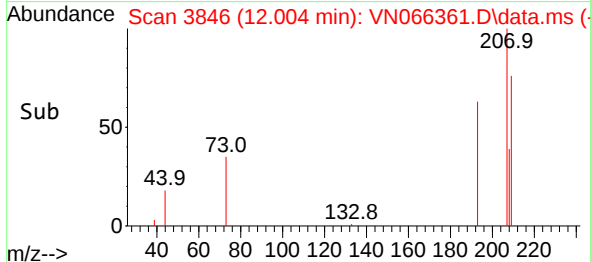
#74
N-amy1 acetate
Concen: 3.21 ug/l
RT: 12.004 min Scan# 3846
Delta R.T. -0.011 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20210322

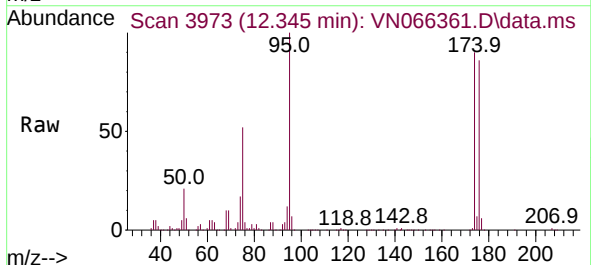


Tgt Ion: 43 Resp: 143

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.2	46.8#
55	168.5	18.6	28.0#
61	0.0	18.2	27.4#

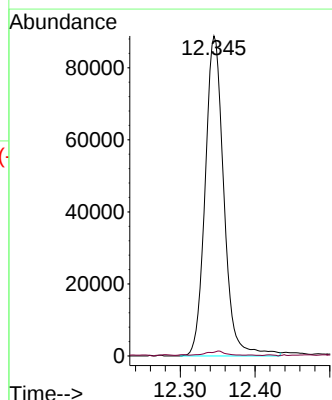
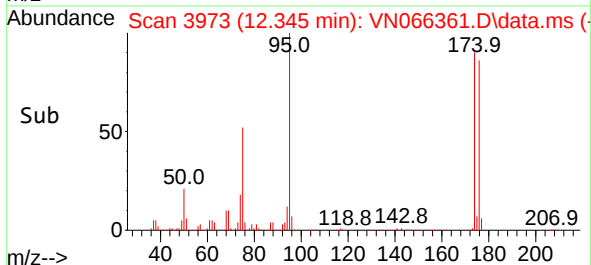


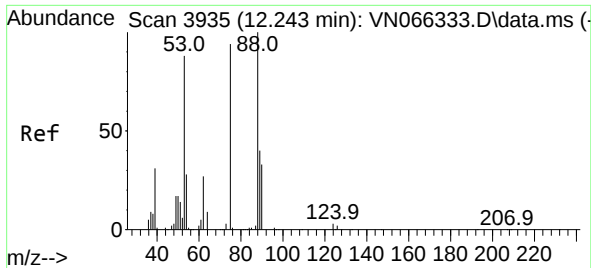
#76
1,2,3-Trichloropropane
Concen: 29.54 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53



Tgt Ion: 75 Resp: 154753

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#

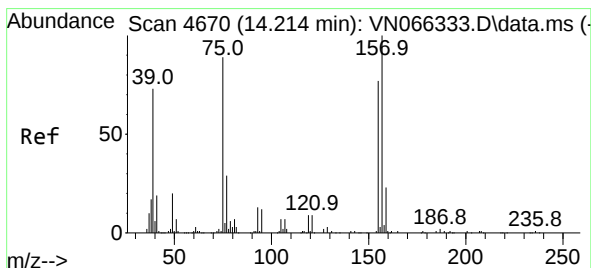
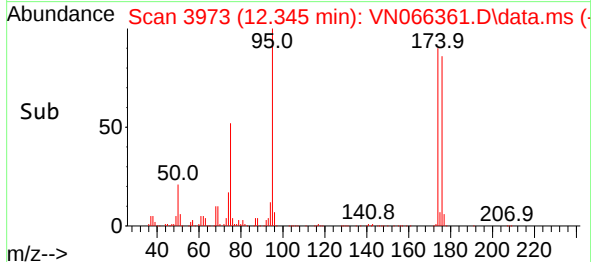
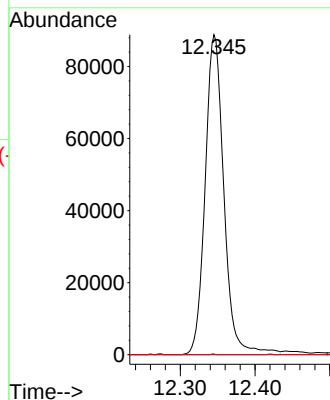
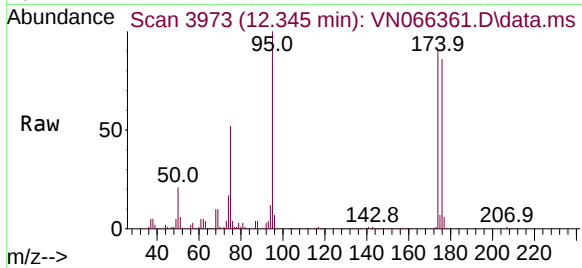




#81
trans-1,4-Dichloro-2-butene
Concen: 88.83 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

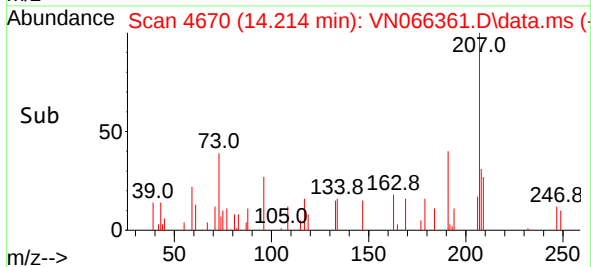
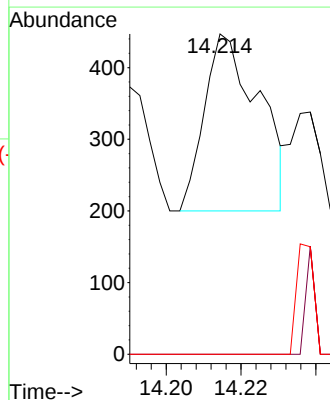
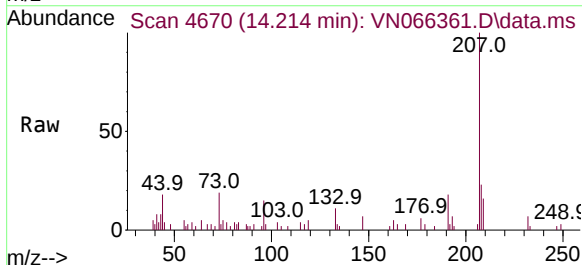
Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20210322

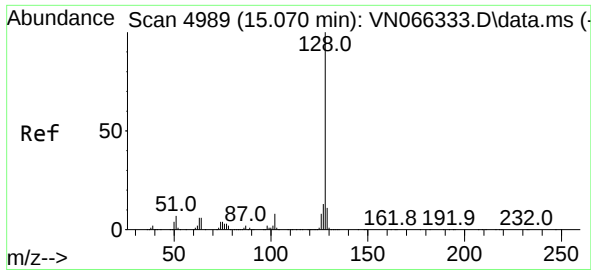
Tgt Ion: 75 Resp: 154753
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.0 35.7 53.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.23 ug/l
RT: 14.214 min Scan# 4670
Delta R.T. 0.000 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

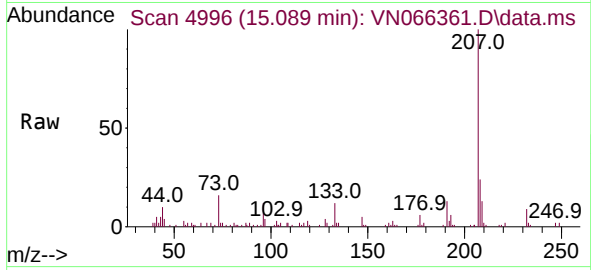
Tgt Ion: 75 Resp: 250
Ion Ratio Lower Upper
75 100
155 0.0 43.8 131.3#
157 0.0 57.6 172.8#





#95
Naphthalene
Concen: 1.17 ug/l
RT: 15.089 min Scan# 4996
Delta R.T. 0.019 min
Lab File: VN066361.D
Acq: 26 Mar 2021 19:53

Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20210322



Tgt Ion:	128	Resp:	1749
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	13.4	8.5	12.7#

