

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011221\
 Data File : VN065490.D
 Acq On : 12 Jan 2021 13:06
 Operator : JC/MD
 Sample : M1058-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB-2021-WS-000-05

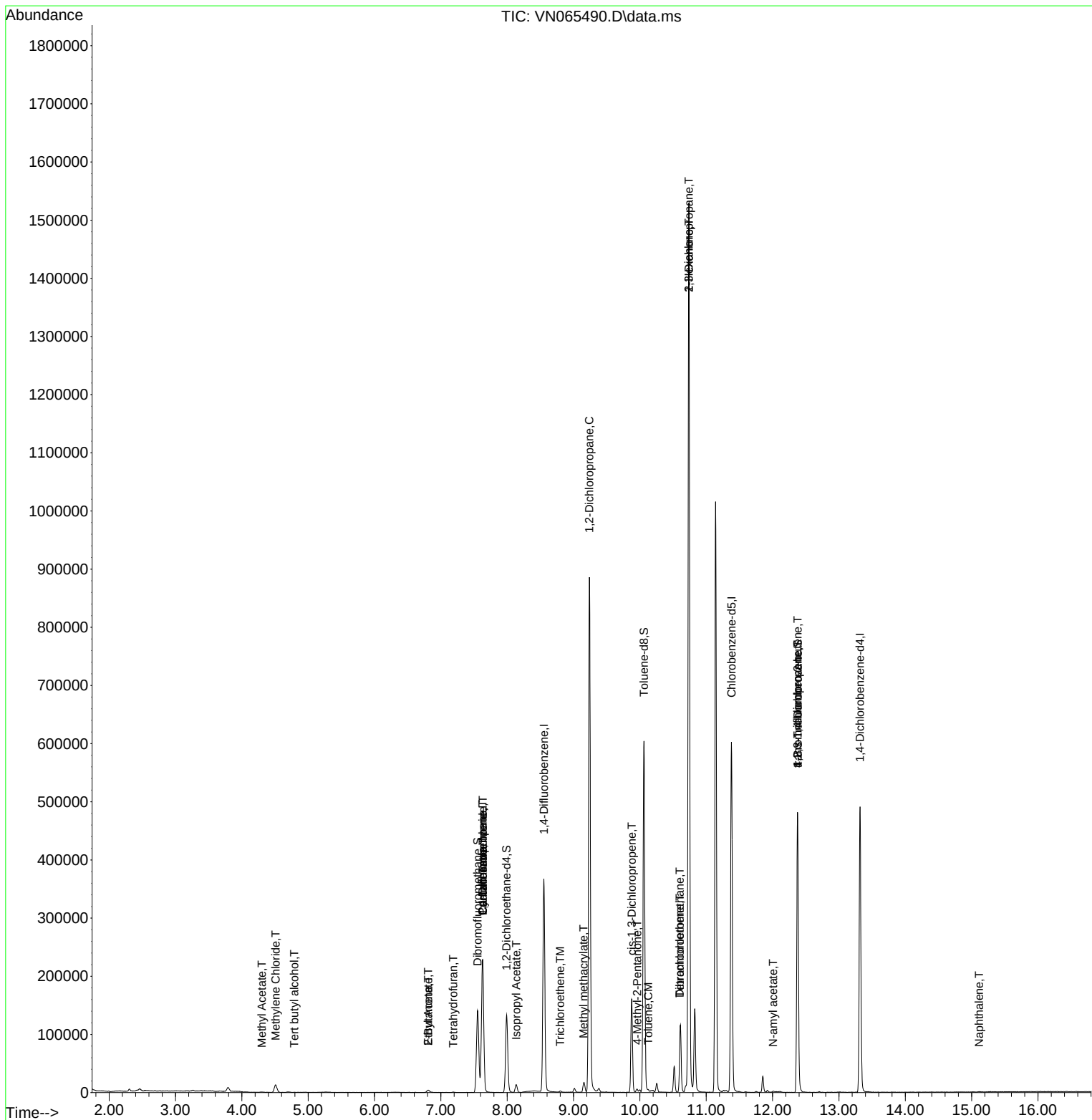
Quant Time: Jan 12 23:58:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

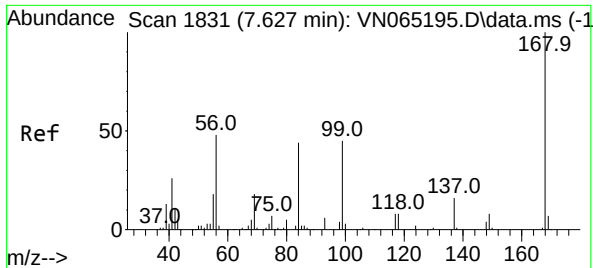
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.630	168	213280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	349019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	376811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	152770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	115523	47.98	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.96%		
35) Dibromofluoromethane	7.553	113	108003	51.29	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.58%		
50) Toluene-d8	10.061	98	439223	55.65	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	111.30%		
62) 4-Bromofluorobenzene	12.376	95	166123	52.90	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.80%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.791	59	122	0.31	ug/l #	73
16) Acetone	3.791	43	10521	Below Cal		89
18) Methyl Acetate	4.303	43	1458	0.67	ug/l #	54
20) Methylene Chloride	4.508	84	10494	4.47	ug/l	96
25) 2-Butanone	6.807	43	3967	2.93	ug/l	97
29) Tetrahydrofuran	7.187	42	784	0.90	ug/l #	32
31) Cyclohexane	7.630	56	3299	0.93	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	13127	4.14	ug/l #	49
37) Ethyl Acetate	6.807	43	3967	1.26	ug/l #	66
38) Carbon Tetrachloride	7.630	117	17889	5.37	ug/l #	15
43) Isopropyl Acetate	8.135	43	16278	3.00	ug/l	97
44) Trichloroethene	8.798	130	773	0.28	ug/l	95
45) 1,2-Dichloropropane	9.238	63	1038	0.42	ug/l #	43
48) Methyl methacrylate	9.151	41	4273	1.62	ug/l #	12
51) 4-Methyl-2-Pentanone	9.958	43	3905	1.28	ug/l	99
52) Toluene	10.125	92	1477	0.25	ug/l	96
54) cis-1,3-Dichloropropene	9.878	75	31098	7.39	ug/l #	60
57) 1,3-Dichloropropane	10.736	76	16692	4.30	ug/l #	42
59) 2-Hexanone	10.736	43	221326	98.77	ug/l #	50
60) Dibromochloromethane	10.601	129	2834	1.01	ug/l #	10
64) Tetrachloroethene	10.601	164	3617	0.99	ug/l #	86
74) N-amyl acetate	12.006	43	1737	0.37	ug/l #	42
76) 1,2,3-Trichloropropane	12.376	75	78967	25.34	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	78967	63.89	ug/l #	15
95) Naphthalene	15.112	128	1013	3.49	ug/l #	69

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

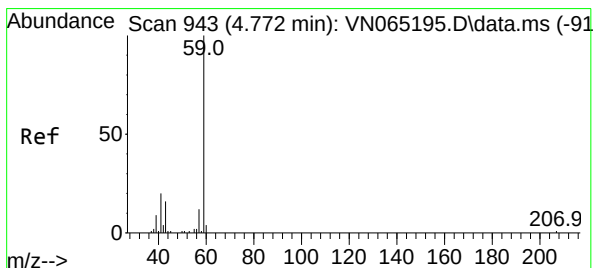
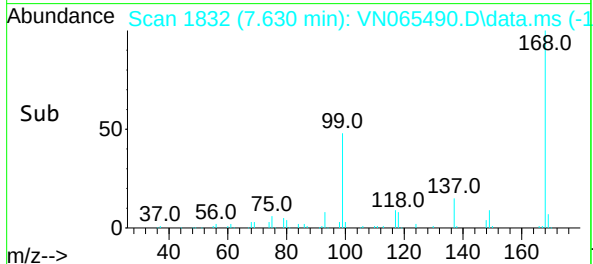
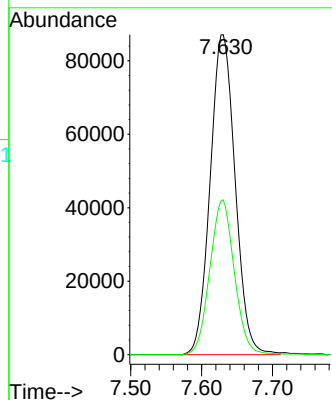
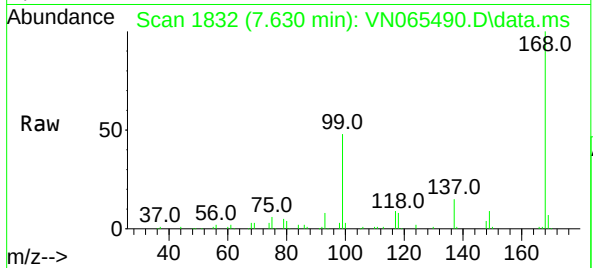




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

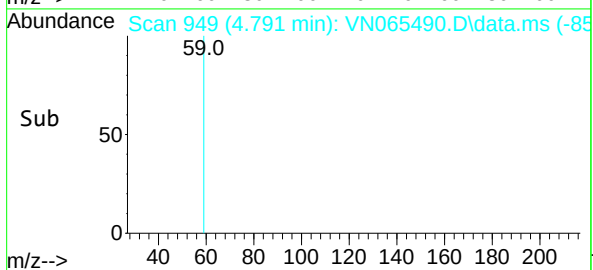
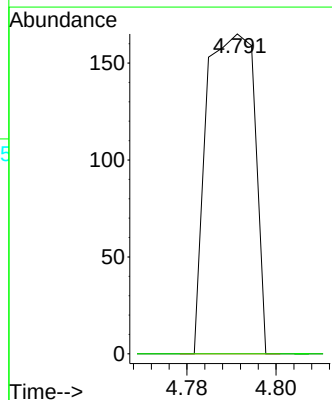
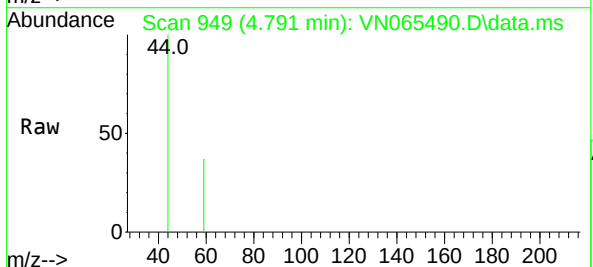
Instrument :
MSVOA_N
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PB-2021-WS-000-05

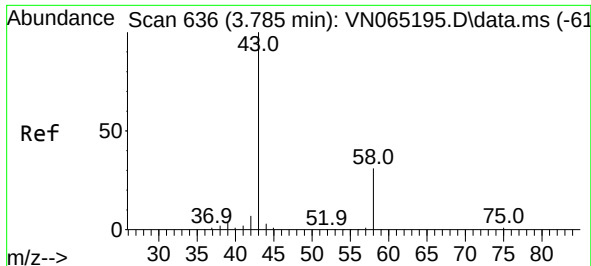
Tgt Ion:168 Resp: 213280
Ion Ratio Lower Upper
168 100
99 48.4 43.0 64.4



#11
Tert butyl alcohol
Concen: 0.31 ug/l
RT: 4.791 min Scan# 949
Delta R.T. 0.019 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

Tgt Ion: 59 Resp: 122
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

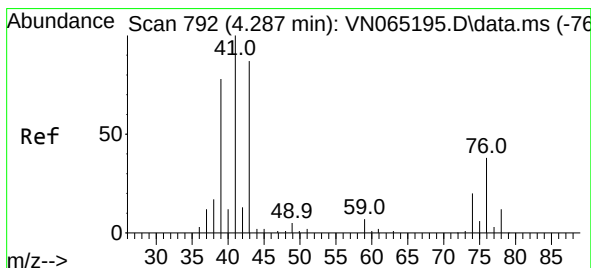
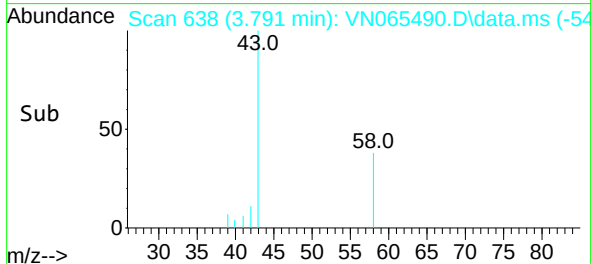
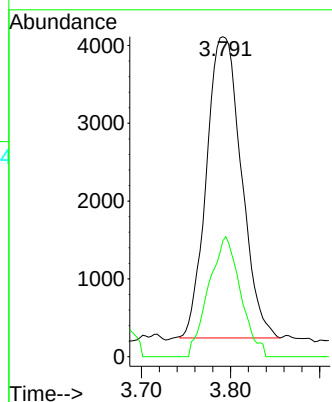
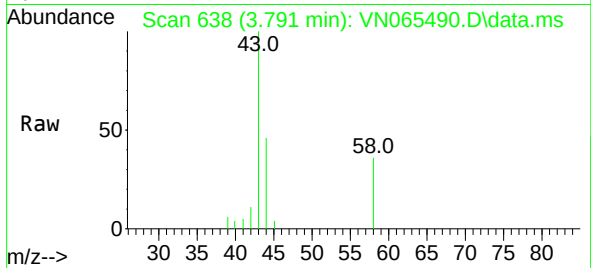




#16
Acetone
Concen: Below Cal
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

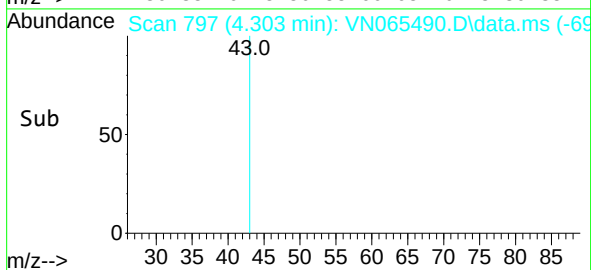
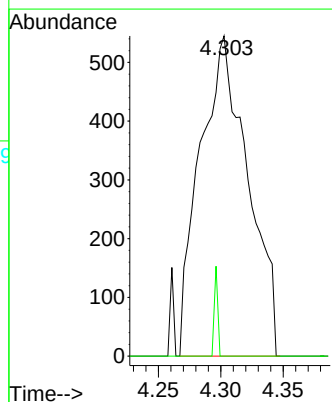
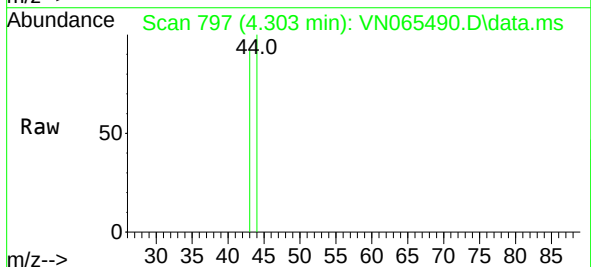
Instrument :
MSVOA_N
ClientSampleId :
PB-2021-WS-000-05

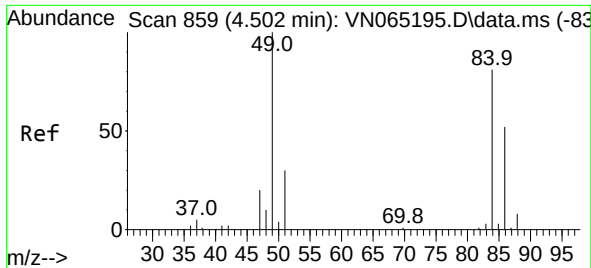
Tgt Ion: 43 Resp: 10521
Ion Ratio Lower Upper
43 100
58 38.5 25.7 38.5



#18
Methyl Acetate
Concen: 0.67 ug/l
RT: 4.303 min Scan# 797
Delta R.T. 0.016 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

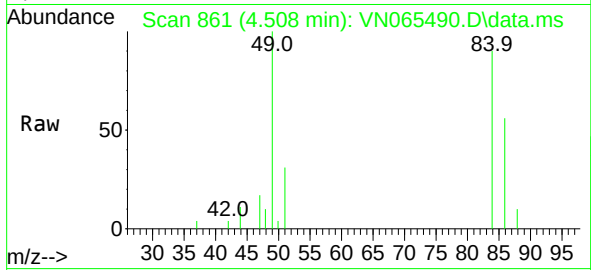
Tgt Ion: 43 Resp: 1458
Ion Ratio Lower Upper
43 100
74 2.1 20.2 30.2#



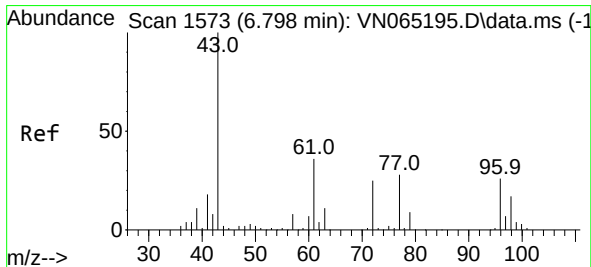
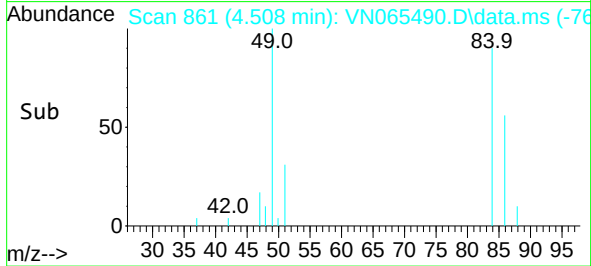
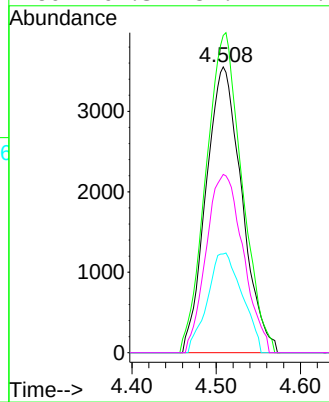


#20
Methylene Chloride
Concen: 4.47 ug/l
RT: 4.508 min Scan# 861
Delta R.T. 0.006 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

Instrument :
MSVOA_N
ClientSampleId :
PB-2021-WS-000-05

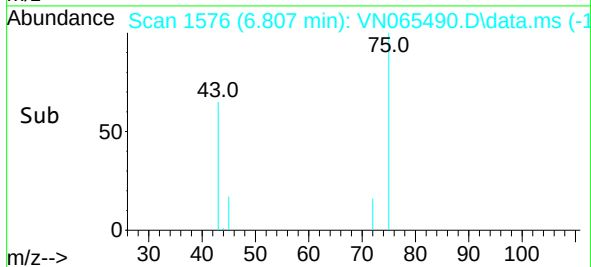
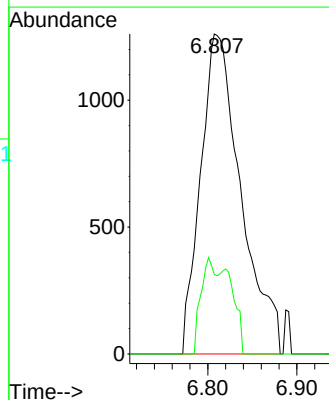
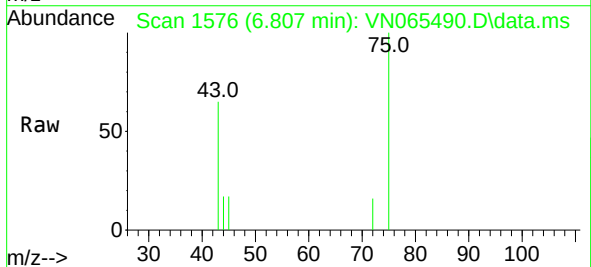


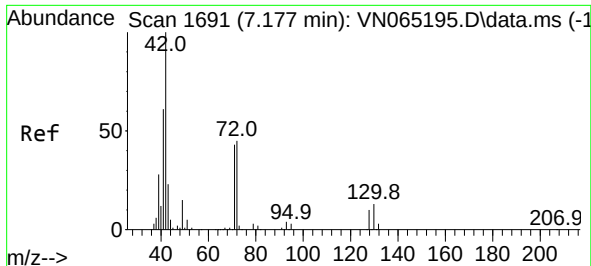
Tgt Ion:	84	Resp:	10494
Ion	Ratio	Lower	Upper
84	100		
49	111.0	93.4	140.0
51	34.6	28.2	42.4
86	62.3	51.7	77.5



#25
2-Butanone
Concen: 2.93 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.009 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

Tgt Ion:	43	Resp:	3967
Ion	Ratio	Lower	Upper
43	100		
72	24.8	21.0	31.6





#29

Tetrahydrofuran

Concen: 0.90 ug/l

RT: 7.187 min Scan# 1694

Delta R.T. 0.010 min

Lab File: VN065490.D

Acq: 12 Jan 2021 13:06

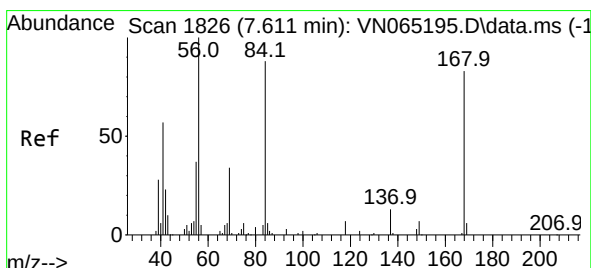
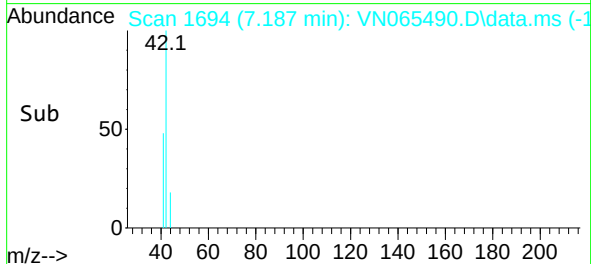
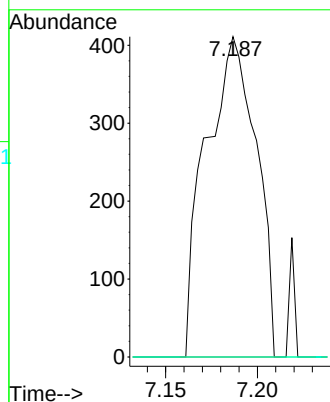
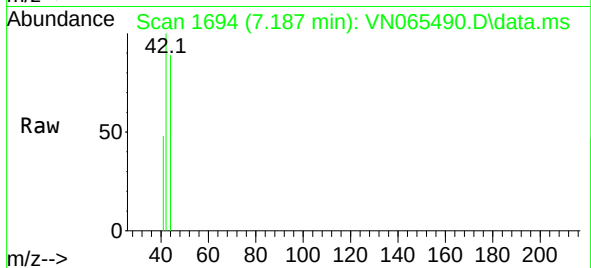
Instrument :

MSVOA_N

ClientSampleId :

PB-2021-WS-000-05

Tgt Ion: 42	Resp: 784
Ion Ratio	Lower Upper
42	100
72	0.0 36.6 54.8#
71	0.0 33.6 50.4#



#31

Cyclohexane

Concen: 0.93 ug/l

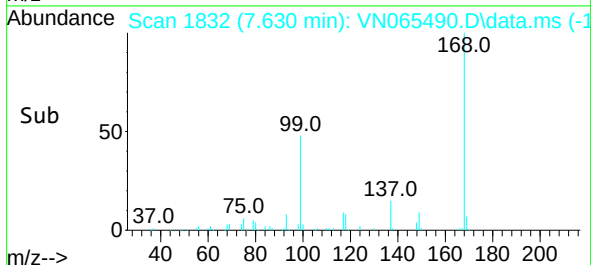
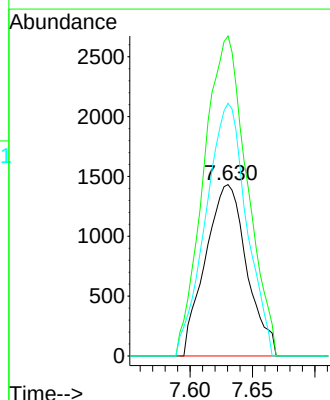
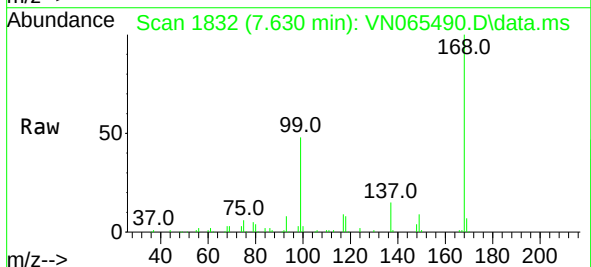
RT: 7.630 min Scan# 1832

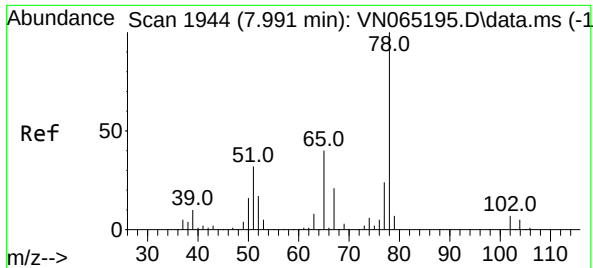
Delta R.T. 0.019 min

Lab File: VN065490.D

Acq: 12 Jan 2021 13:06

Tgt Ion: 56	Resp: 3299
Ion Ratio	Lower Upper
56	100
69	186.7 27.5 41.3#
84	147.4 73.9 110.9#

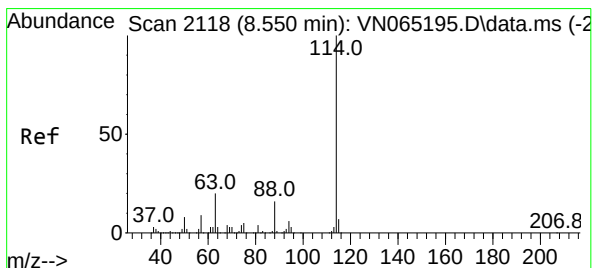
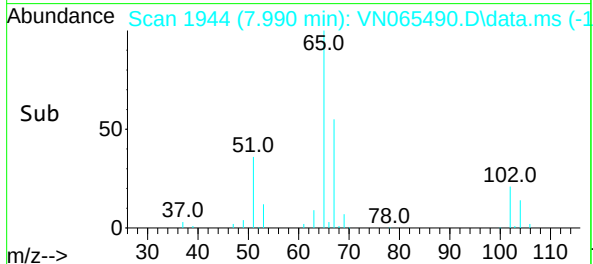
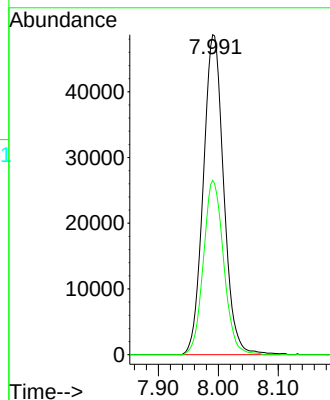
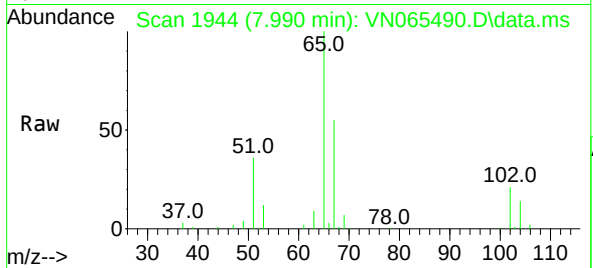




#33
1,2-Dichloroethane-d4
Concen: 47.98 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

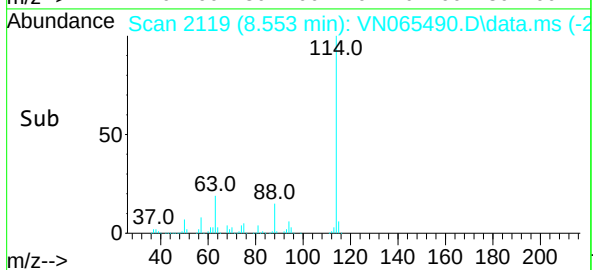
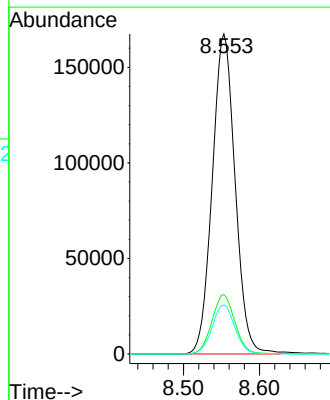
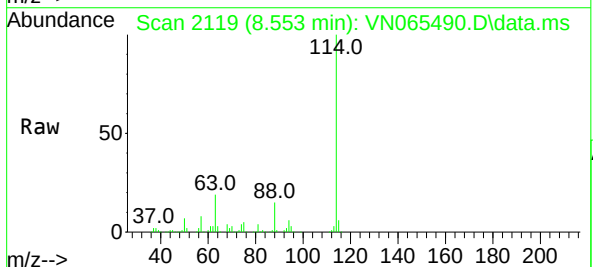
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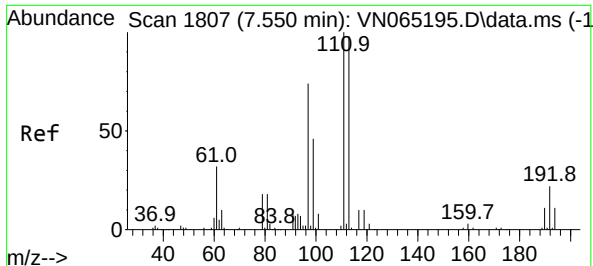
Tgt Ion: 65 Resp: 115523
Ion Ratio Lower Upper
65 100
67 54.0 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

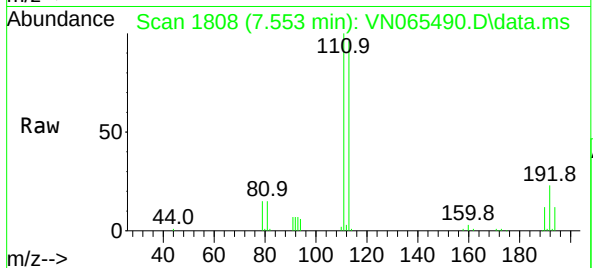
Tgt Ion: 114 Resp: 349019
Ion Ratio Lower Upper
114 100
63 18.6 0.0 38.6
88 15.3 0.0 32.6



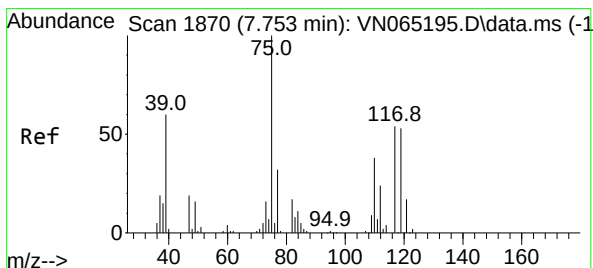
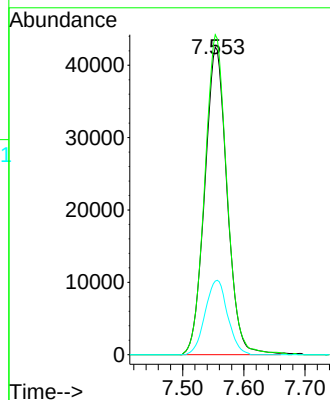
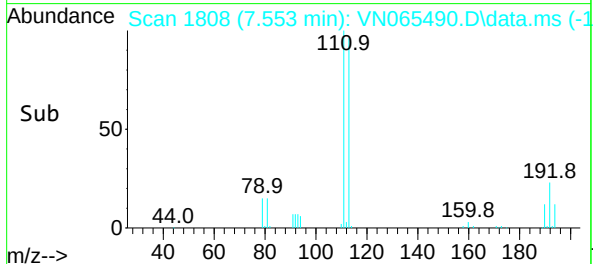


#35
Dibromofluoromethane
Concen: 51.29 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

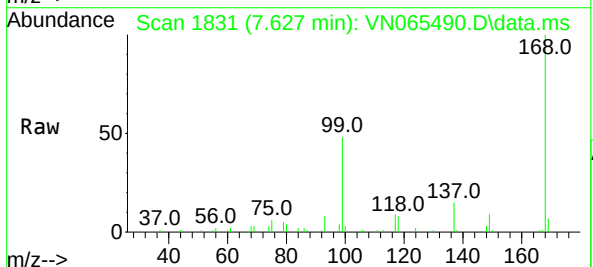
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MSVOA_N
ClientSampleId :
PB-2021-WS-000-05



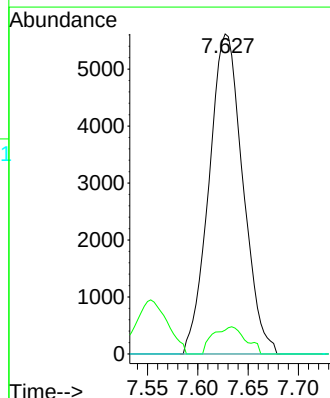
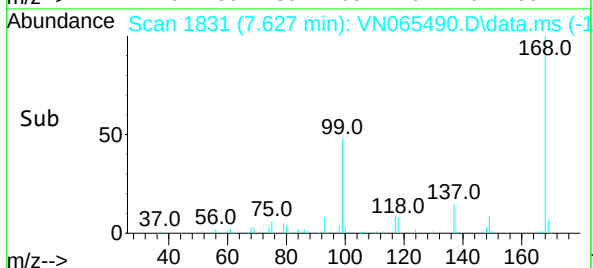
Tgt Ion:113 Resp: 108003
Ion Ratio Lower Upper
113 100
111 102.9 81.6 122.4
192 24.3 16.2 24.2#

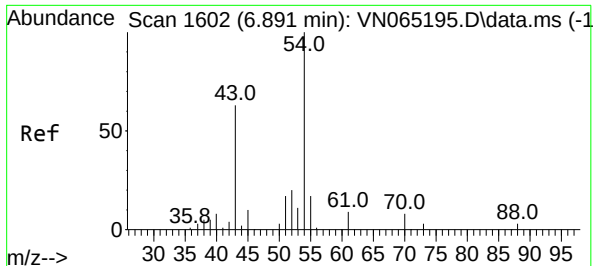


#36
1,1-Dichloropropene
Concen: 4.14 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06



Tgt Ion: 75 Resp: 13127
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.26 ug/l

RT: 6.807 min Scan# 1576

Delta R.T. -0.084 min

Lab File: VN065490.D

Acq: 12 Jan 2021 13:06

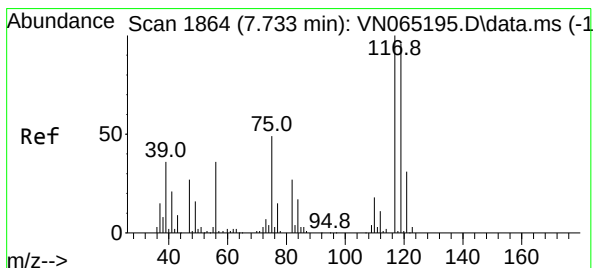
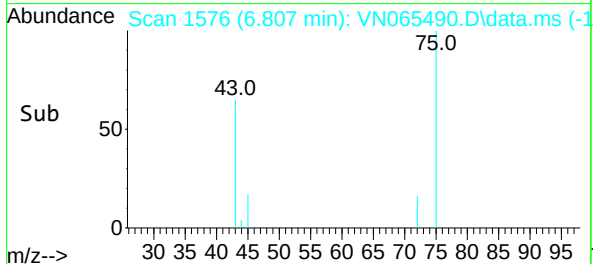
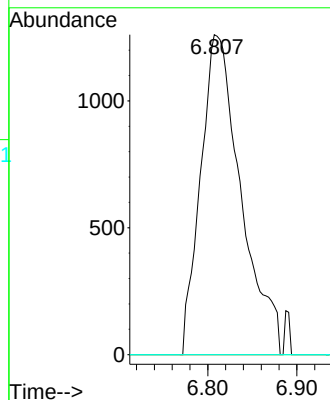
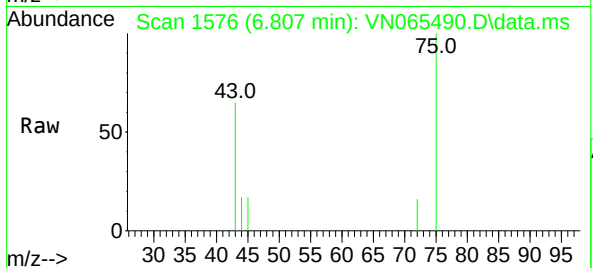
Instrument :

MSVOA_N

ClientSampleId :

PB-2021-WS-000-05

Tgt Ion: 43	Resp:	3967
Ion	Ratio	Lower Upper
43	100	
61	0.0	12.8 19.2#
70	0.0	8.8 13.2#



#38

Carbon Tetrachloride

Concen: 5.37 ug/l

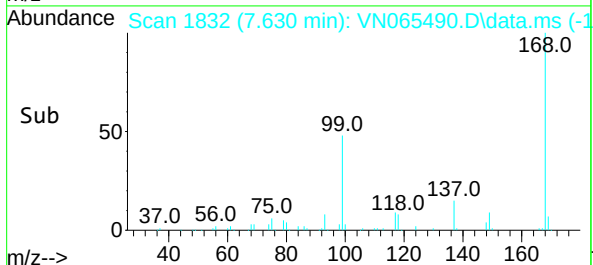
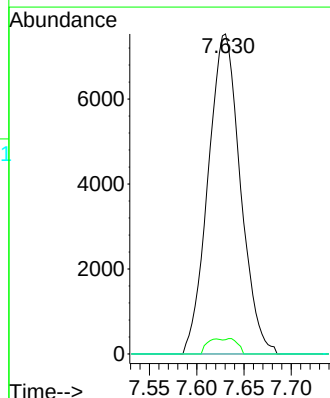
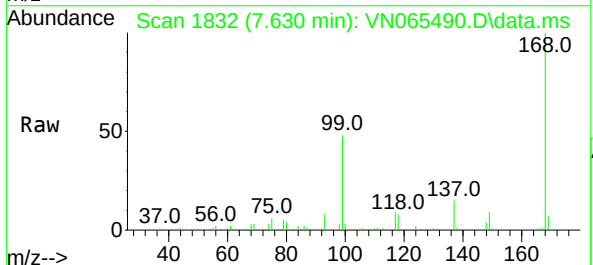
RT: 7.630 min Scan# 1832

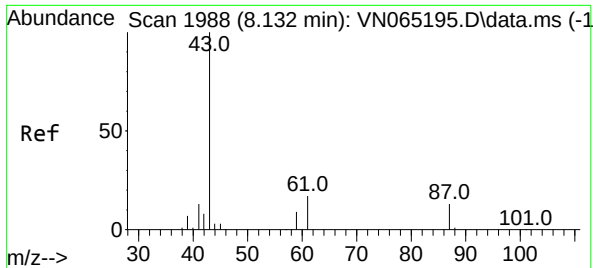
Delta R.T. -0.103 min

Lab File: VN065490.D

Acq: 12 Jan 2021 13:06

Tgt Ion: 117	Resp:	17889
Ion	Ratio	Lower Upper
117	100	
119	4.4	76.7 115.1#
121	0.0	25.4 38.2#

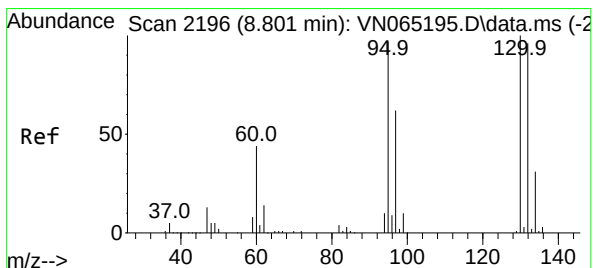
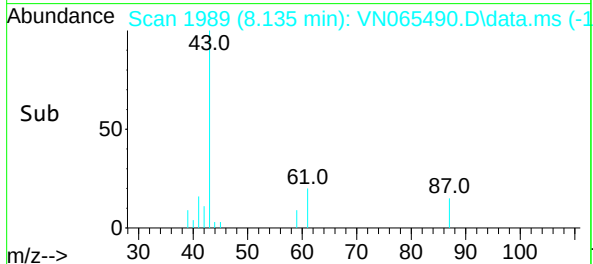
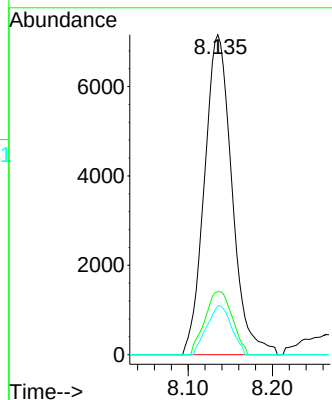
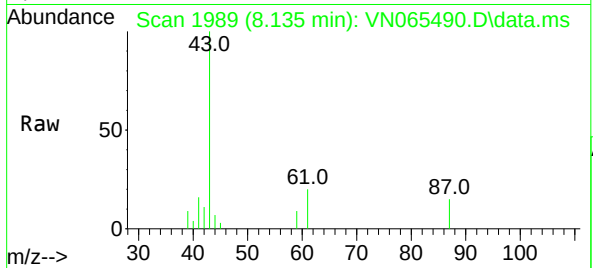




#43
Isopropyl Acetate
Concen: 3.00 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

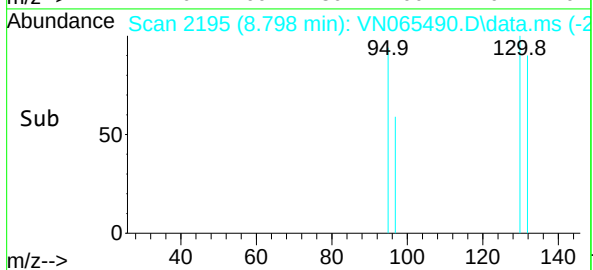
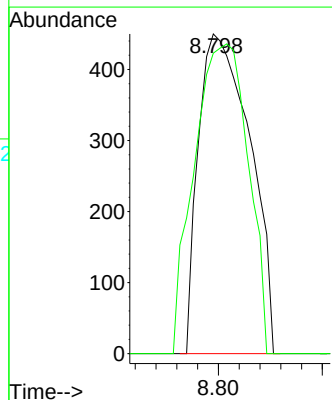
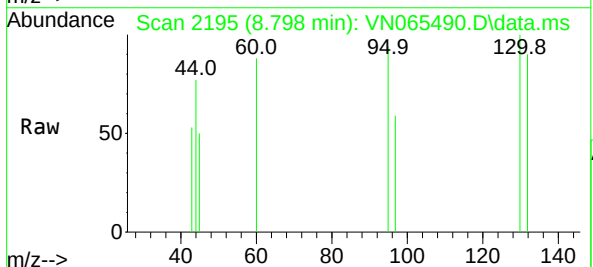
Instrument :
MSVOA_N
ClientSampleId :
PB-2021-WS-000-05

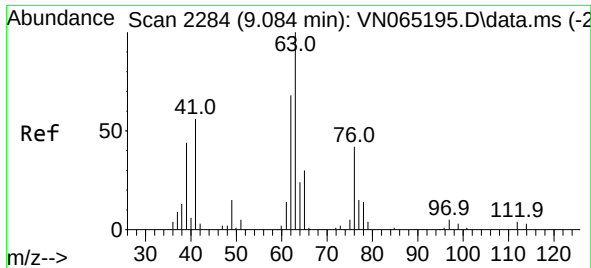
Tgt Ion:	43	Resp:	16278
Ion Ratio	Lower	Upper	
43	100		
61	19.6	17.2	25.8
87	13.6	11.4	17.0



#44
Trichloroethene
Concen: 0.28 ug/l
RT: 8.798 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

Tgt Ion:	130	Resp:	773
Ion Ratio	Lower	Upper	
130	100		
95	94.0	0.0	197.8

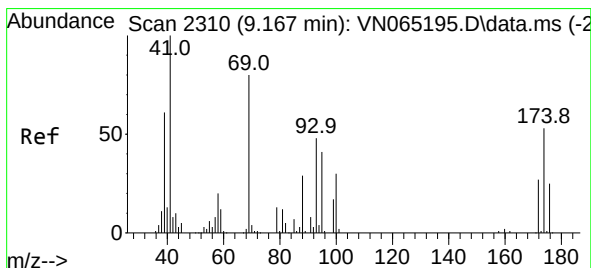
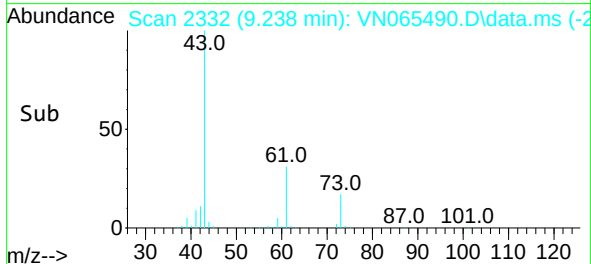
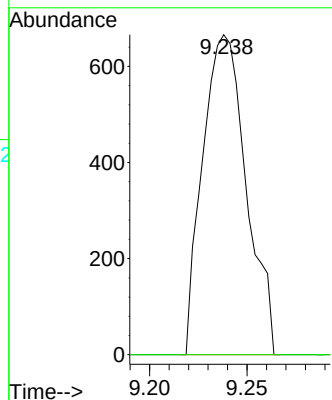
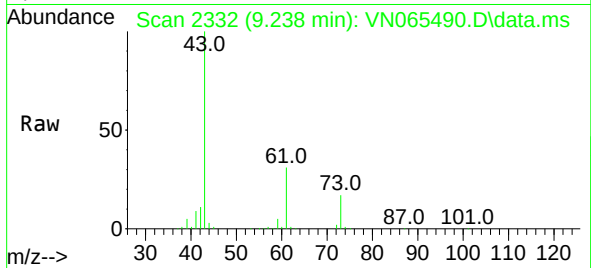




#45
1,2-Dichloropropane
Concen: 0.42 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

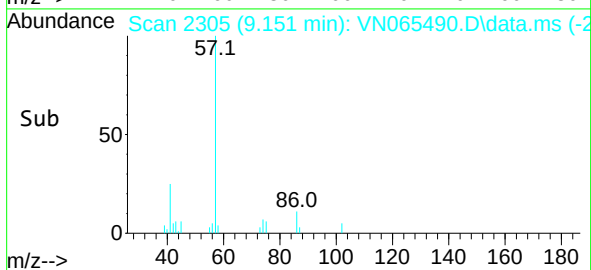
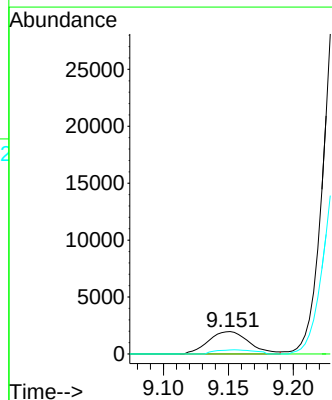
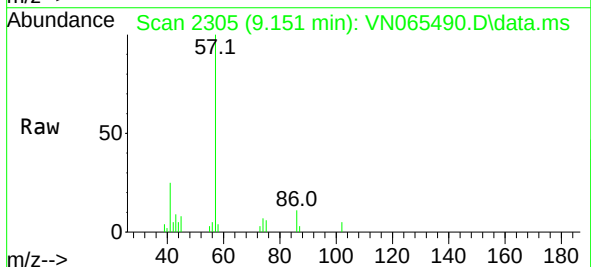
Instrument :
MSVOA_N
ClientSampleId :
PB-2021-WS-000-05

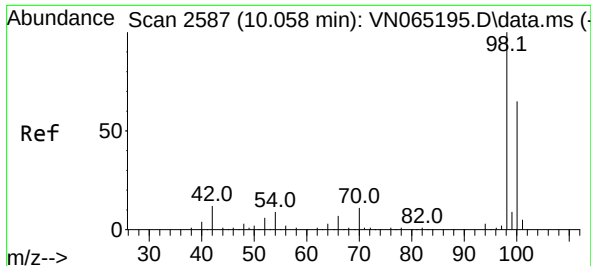
Tgt Ion: 63 Resp: 1038
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.4#



#48
Methyl methacrylate
Concen: 1.62 ug/l
RT: 9.151 min Scan# 2305
Delta R.T. -0.016 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

Tgt Ion: 41 Resp: 4273
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#

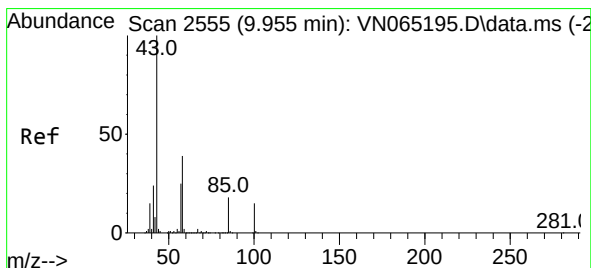
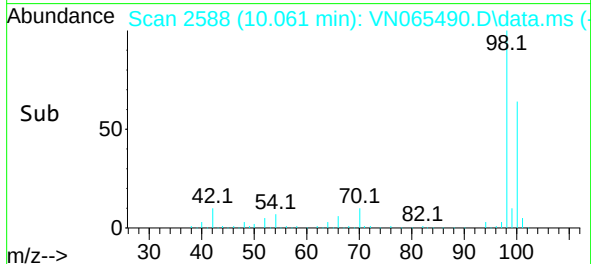
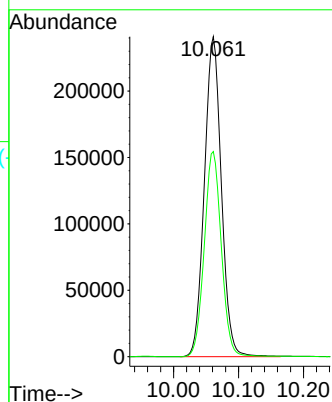
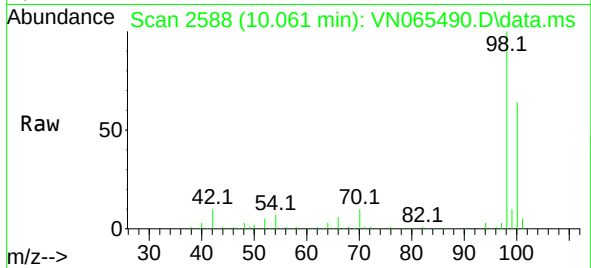




#50
Toluene-d8
Concen: 55.65 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

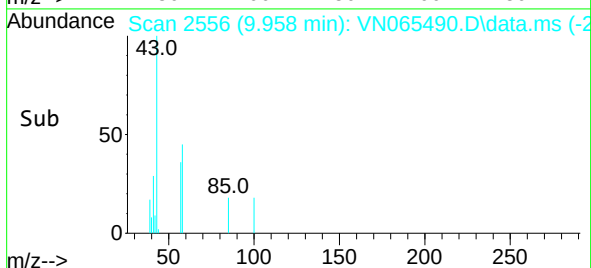
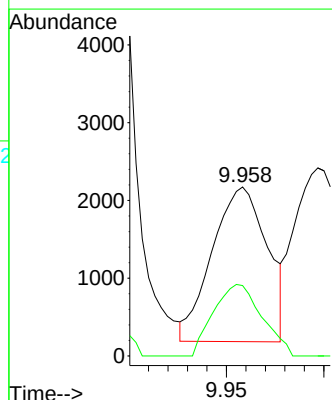
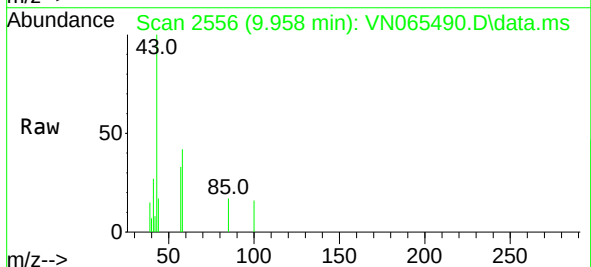
Instrument :
MSVOA_N
ClientSampleId :
PB-2021-WS-000-05

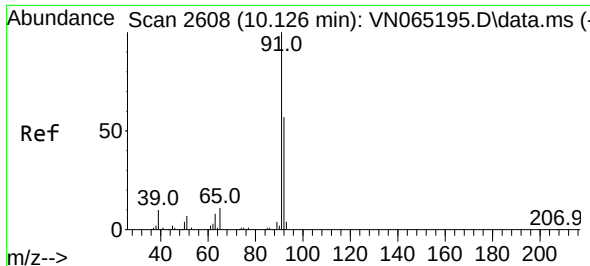
Tgt Ion: 98 Resp: 439223
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.28 ug/l
RT: 9.958 min Scan# 2556
Delta R.T. 0.003 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

Tgt Ion: 43 Resp: 3905
Ion Ratio Lower Upper
43 100
58 41.0 32.4 48.6

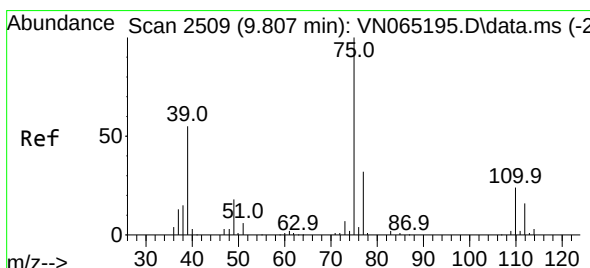
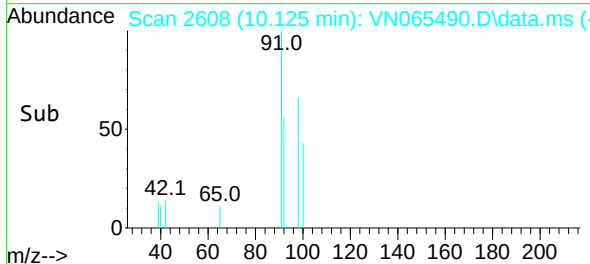
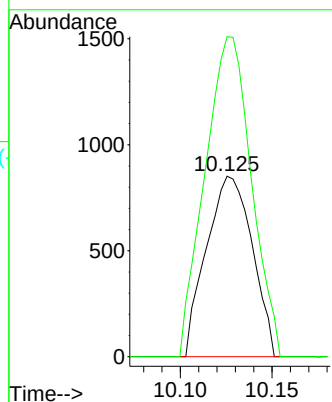
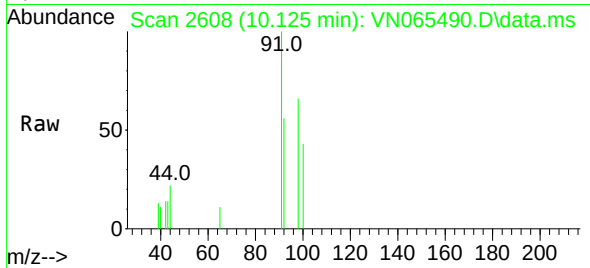




#52
Toluene
Concen: 0.25 ug/l
RT: 10.125 min Scan# 2608
Delta R.T. -0.001 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

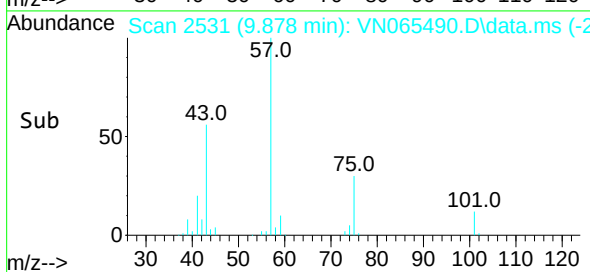
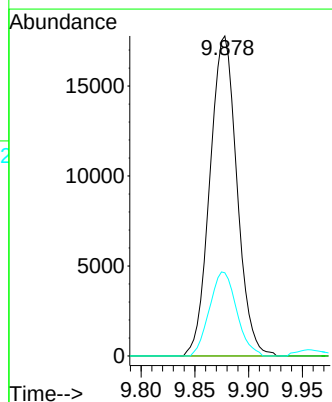
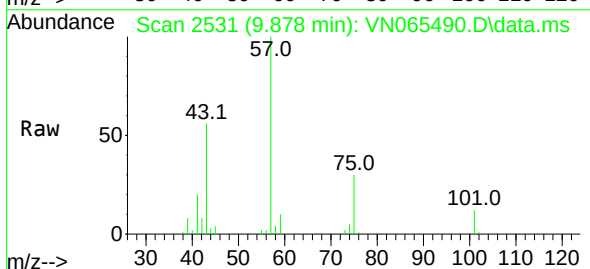
Instrument :
MSVOA_N
ClientSampleId :
PB-2021-WS-000-05

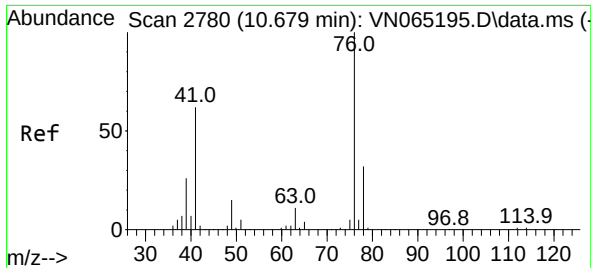
Tgt Ion: 92 Resp: 1477
Ion Ratio Lower Upper
92 100
91 179.7 139.1 208.7



#54
cis-1,3-Dichloropropene
Concen: 7.39 ug/l
RT: 9.878 min Scan# 2531
Delta R.T. 0.071 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

Tgt Ion: 75 Resp: 31098
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 26.0 35.6 53.4#

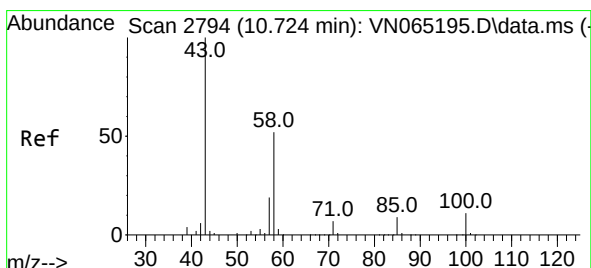
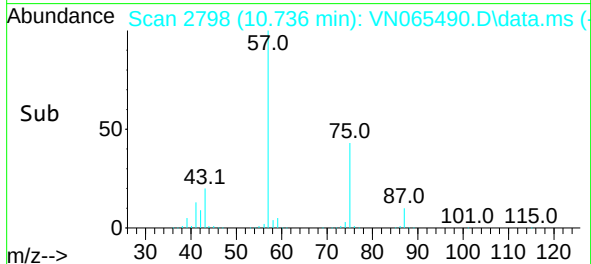
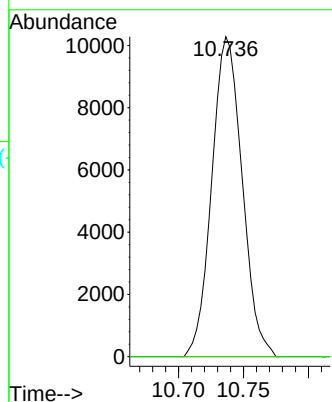
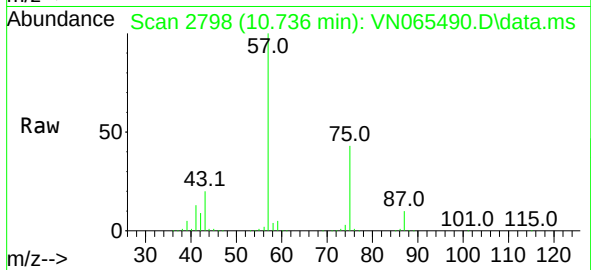




#57
1,3-Dichloropropane
Concen: 4.30 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

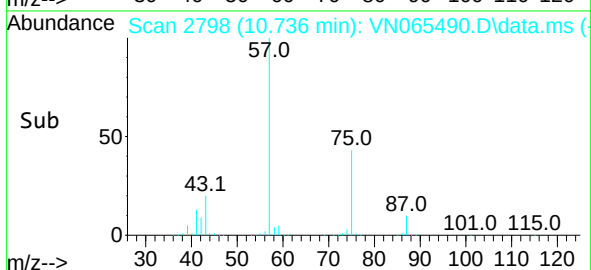
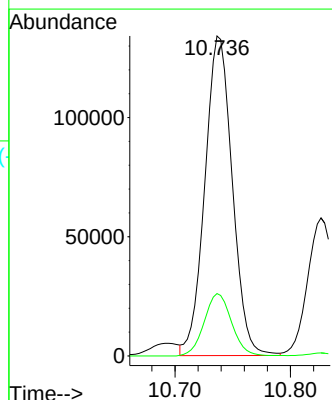
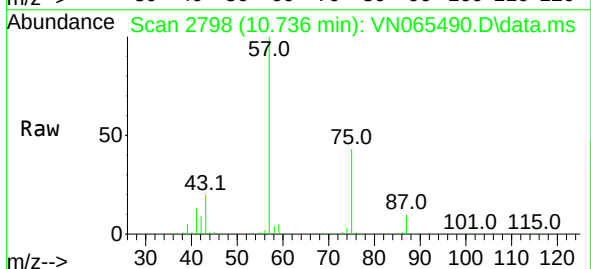
Instrument :
MSVOA_N
ClientSampleId :
PB-2021-WS-000-05

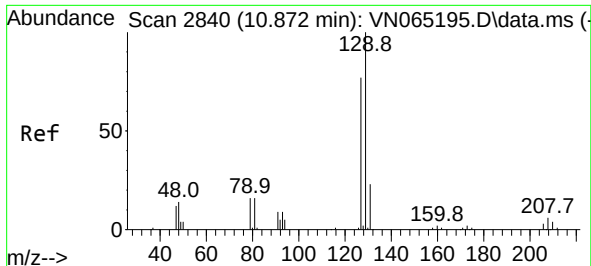
Tgt Ion: 76 Resp: 16692
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 98.77 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

Tgt Ion: 43 Resp: 221326
Ion Ratio Lower Upper
43 100
58 19.6 28.3 84.9#

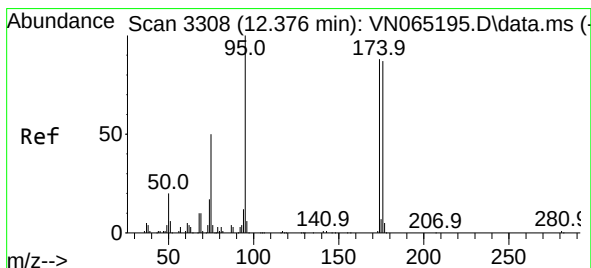
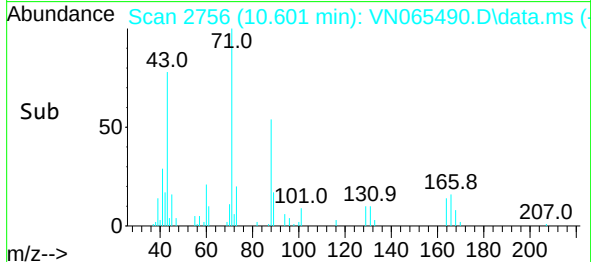
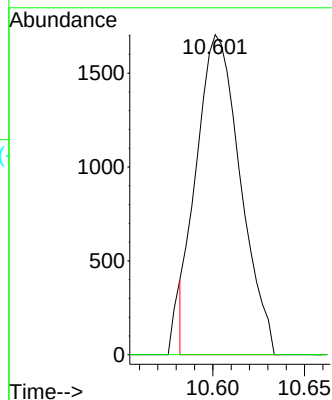
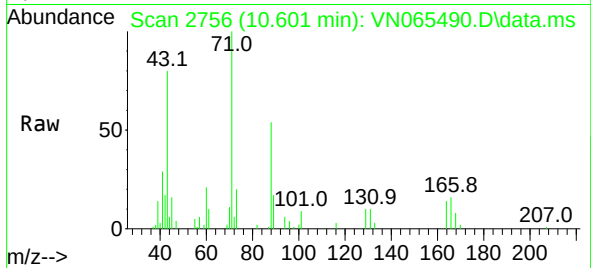




#60
Dibromochloromethane
Concen: 1.01 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. -0.271 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

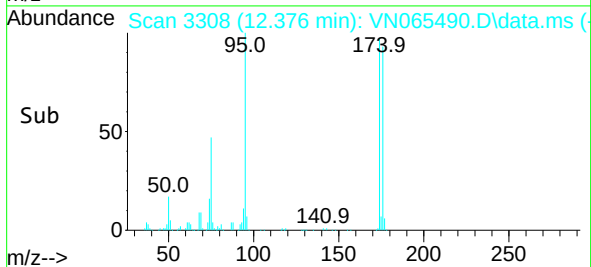
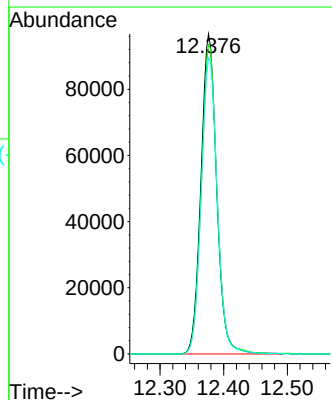
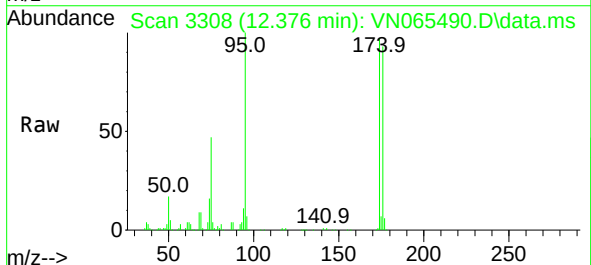
Instrument :
MSVOA_N
ClientSampleId :
PB-2021-WS-000-05

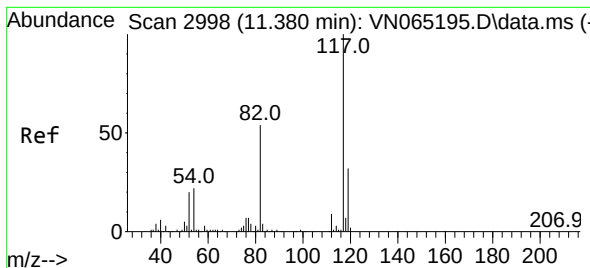
Tgt Ion:129 Resp: 2834
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#



#62
4-Bromofluorobenzene
Concen: 52.90 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

Tgt Ion: 95 Resp: 166123
Ion Ratio Lower Upper
95 100
174 97.5 0.0 160.4
176 93.8 0.0 158.4

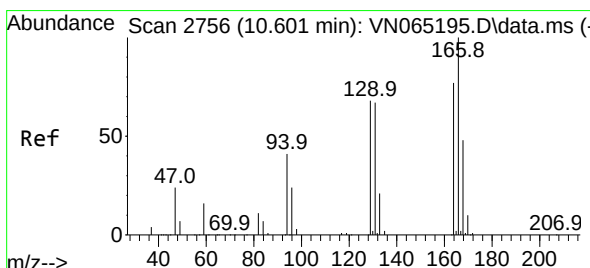
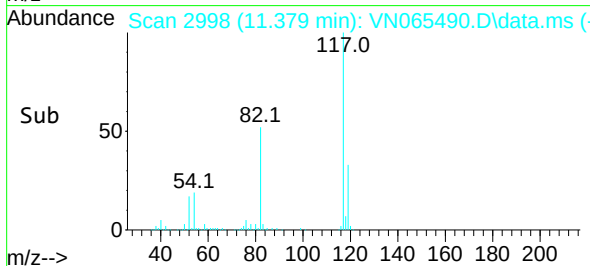
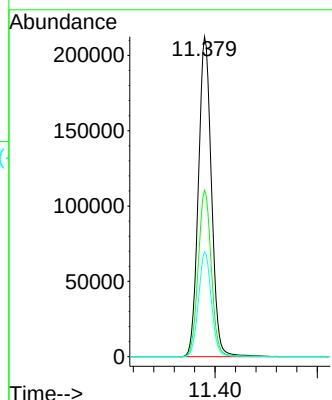
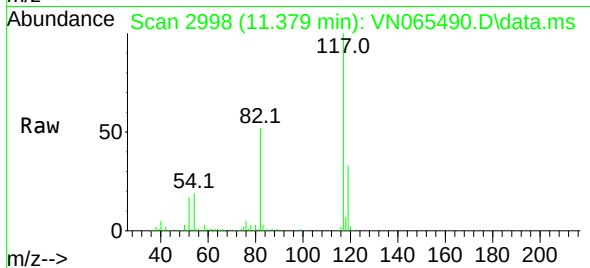




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

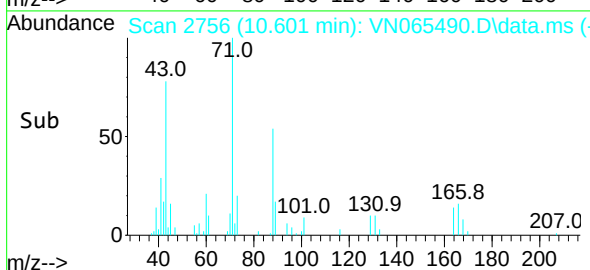
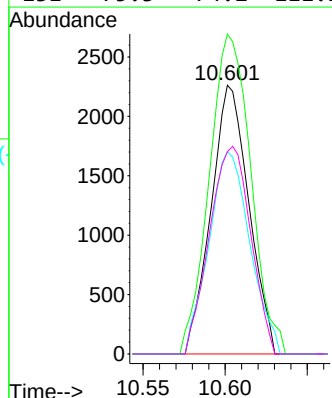
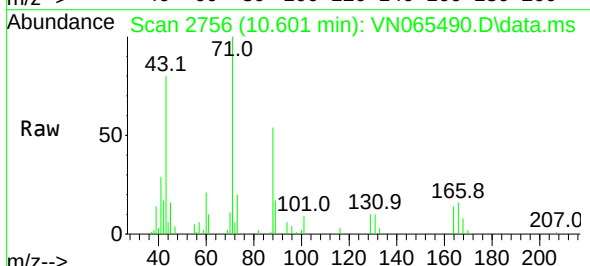
Instrument :
MSVOA_N
ClientSampleId :
PB-2021-WS-000-05

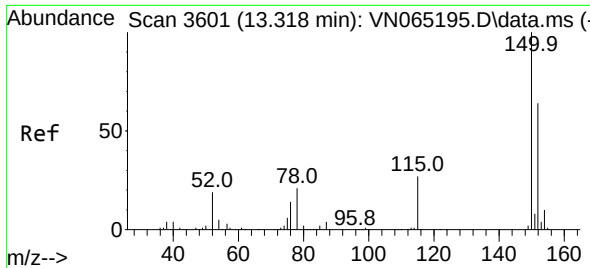
Tgt Ion:117 Resp: 376811
Ion Ratio Lower Upper
117 100
82 52.0 44.2 66.2
119 32.8 25.8 38.6



#64
Tetrachloroethene
Concen: 0.99 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

Tgt Ion:164 Resp: 3617
Ion Ratio Lower Upper
164 100
166 119.0 101.4 152.0
129 75.3 76.1 114.1#
131 75.3 74.2 111.2

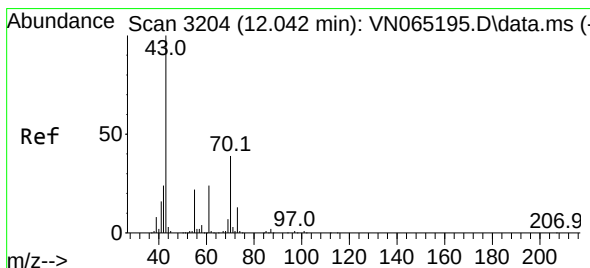
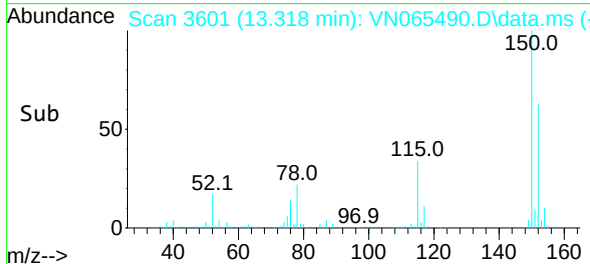
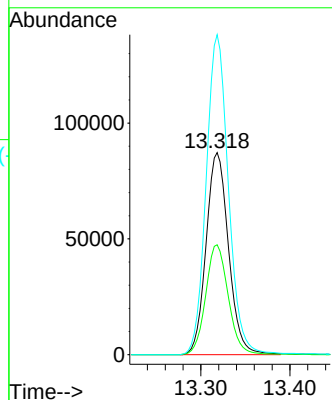
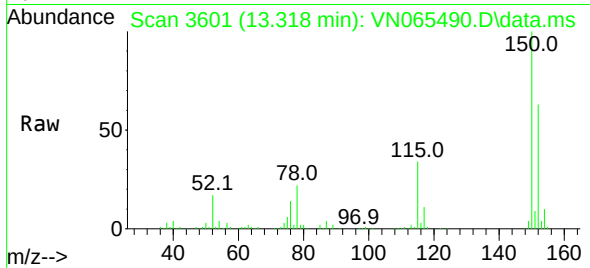




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

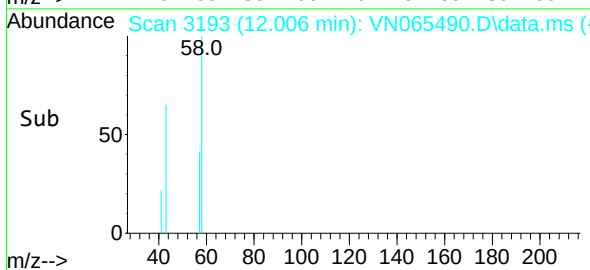
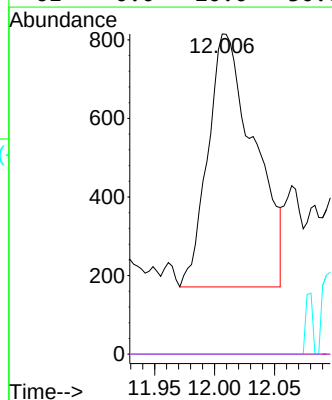
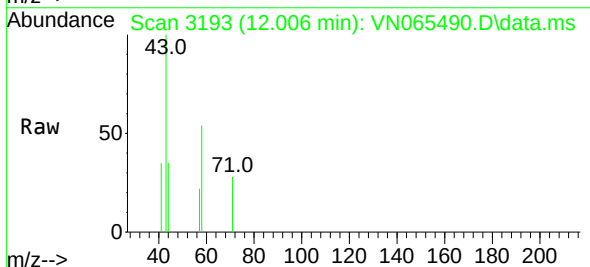
Instrument :
MSVOA_N
ClientSampleId :
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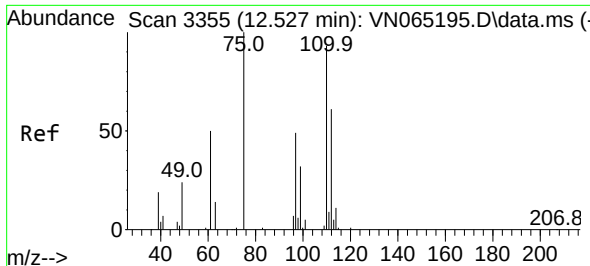
Tgt Ion:152 Resp: 152770
Ion Ratio Lower Upper
152 100
115 54.9 29.7 89.1
150 156.7 0.0 350.6



#74
N-ethyl acetate
Concen: 0.37 ug/l
RT: 12.006 min Scan# 3193
Delta R.T. -0.036 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

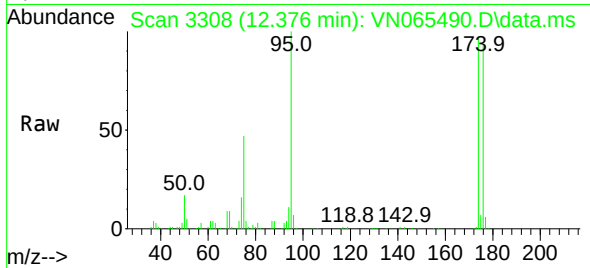
Tgt Ion: 43 Resp: 1737
Ion Ratio Lower Upper
43 100
70 0.0 34.5 51.7#
55 0.0 20.4 30.6#
61 0.0 20.0 30.0#



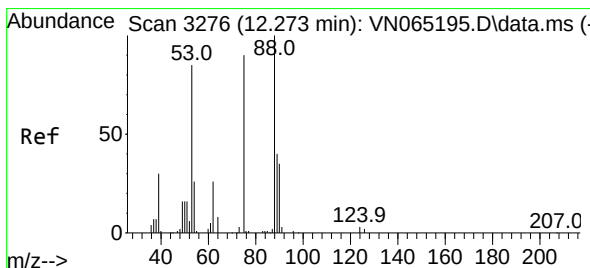
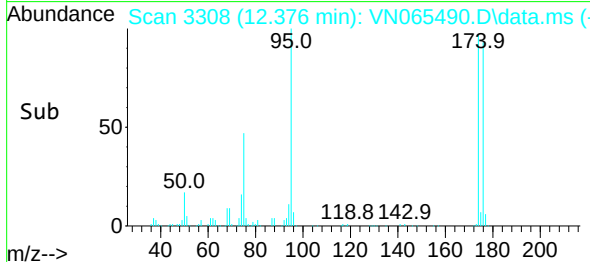
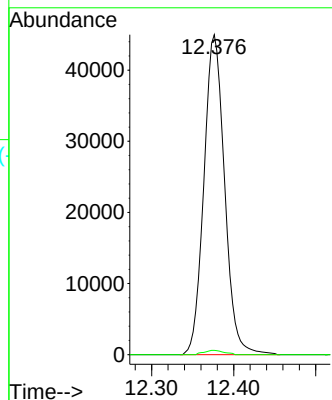


#76
1,2,3-Trichloropropane
Concen: 25.34 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

Instrument :
MSVOA_N
ClientSampleId :
PB-2021-WS-000-05

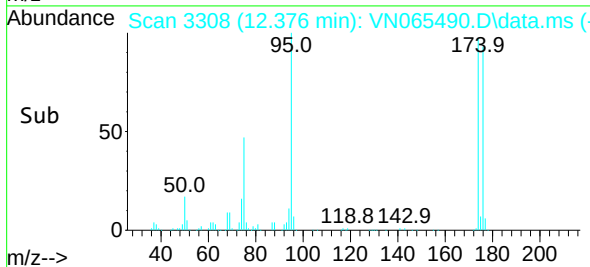
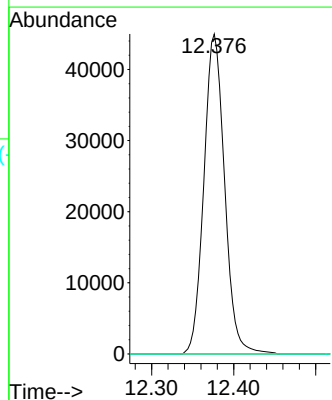
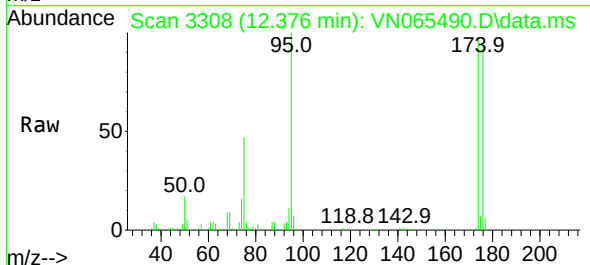


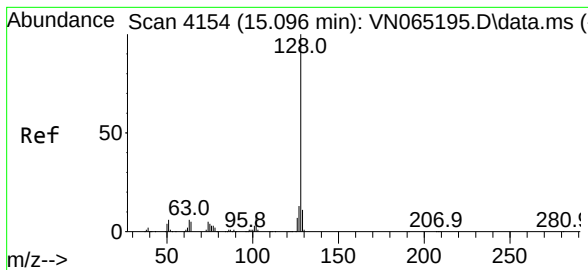
Tgt Ion: 75 Resp: 78967
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.89 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

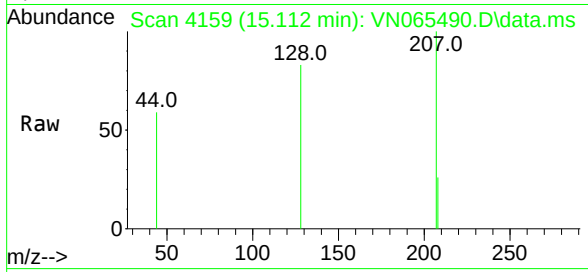
Tgt Ion: 75 Resp: 78967
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#





#95
Naphthalene
Concen: 3.49 ug/l
RT: 15.112 min Scan# 4159
Delta R.T. 0.016 min
Lab File: VN065490.D
Acq: 12 Jan 2021 13:06

Instrument :
MSVOA_N
ClientSampleId :
PB-2021-WS-000-05



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#

