

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010821\
 Data File : VN065448.D
 Acq On : 8 Jan 2021 17:03
 Operator : JC/MD
 Sample : PB133969TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133969TB

Quant Time: Jan 08 22:49:29 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)

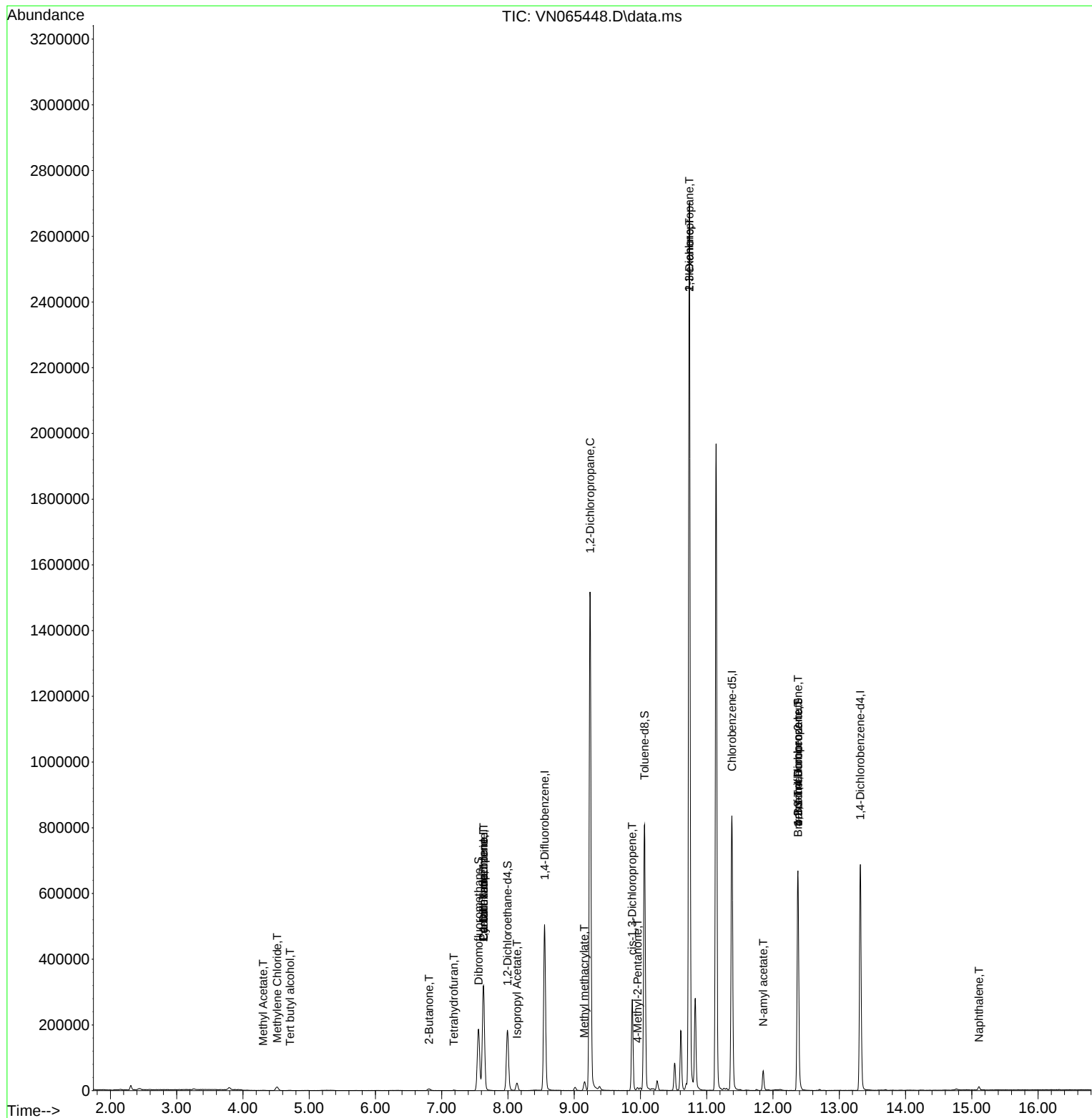
Internal Standards						
1) Pentafluorobenzene	7.630	168	289075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	479303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	522694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	215029	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.994	65	164887	50.53	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	101.06%		
35) Dibromofluoromethane	7.557	113	143359	49.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.16%		
50) Toluene-d8	10.061	98	596466	55.04	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	110.08%		
62) 4-Bromofluorobenzene	12.376	95	237079	54.77	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.54%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.711	59	218	0.41	ug/l #	73
16) Acetone	3.791	43	10354	Below Cal		97
18) Methyl Acetate	4.306	43	1657	0.57	ug/l #	50
20) Methylene Chloride	4.518	84	8700	2.73	ug/l	94
25) 2-Butanone	6.807	43	2993	1.63	ug/l	100
29) Tetrahydrofuran	7.184	42	1206	1.02	ug/l #	68
31) Cyclohexane	7.630	56	4748	0.99	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	18664	4.28	ug/l #	49
38) Carbon Tetrachloride	7.630	117	23965	5.24	ug/l #	15
43) Isopropyl Acetate	8.135	43	28286	3.80	ug/l	95
45) 1,2-Dichloropropane	9.241	63	1702	0.51	ug/l #	43
48) Methyl methacrylate	9.151	41	6825	1.89	ug/l #	12
51) 4-Methyl-2-Pentanone	9.955	43	5874	1.40	ug/l	96
54) cis-1,3-Dichloropropene	9.875	75	51106	8.84	ug/l #	62
57) 1,3-Dichloropropane	10.736	76	30041	5.63	ug/l #	42
59) 2-Hexanone	10.736	43	401890	130.60	ug/l #	48
71) Bromoform	12.379	173	1426	0.40	ug/l #	1
74) N-amyl acetate	11.852	43	19524	2.99	ug/l #	50
76) 1,2,3-Trichloropropane	12.376	75	117327	26.75	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	117327	67.44	ug/l #	15
95) Naphthalene	15.109	128	11302	4.32	ug/l	98

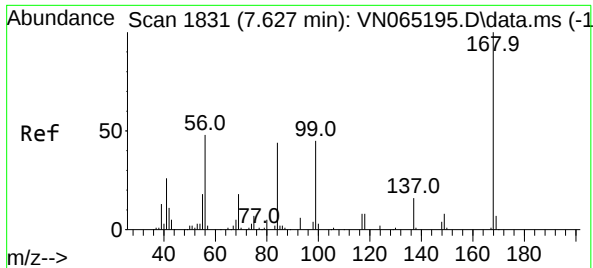
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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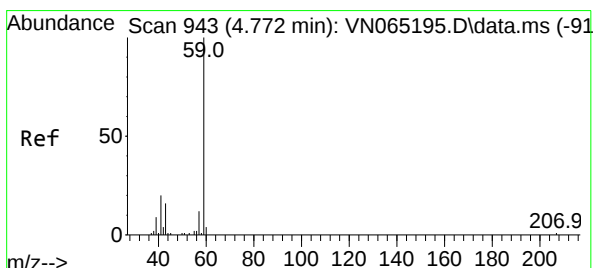
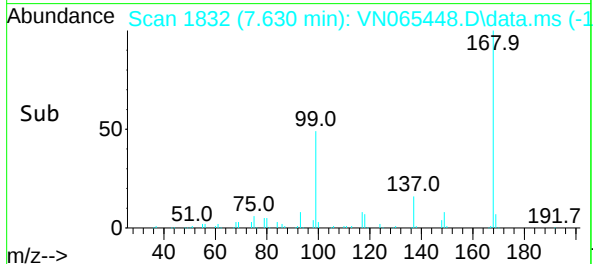
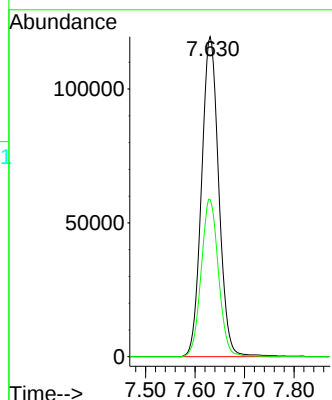
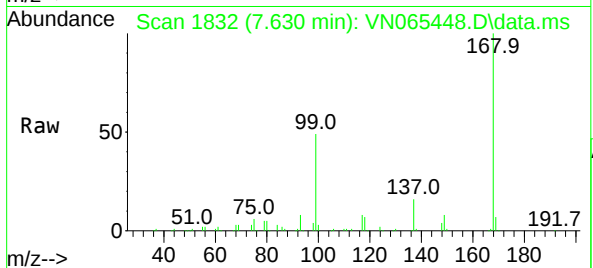




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

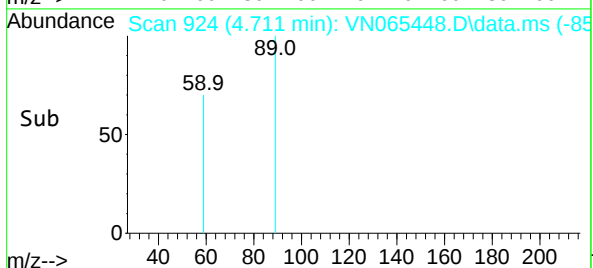
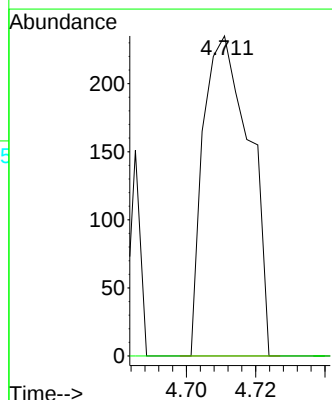
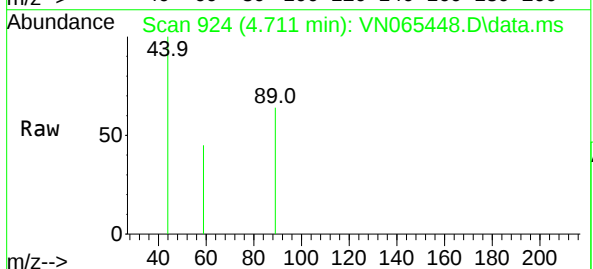
Instrument :
MSVOA_N
ClientSampleId :
PB133969TB

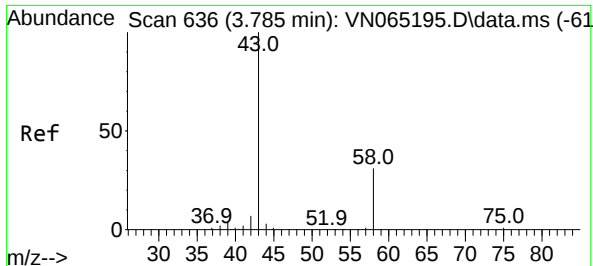
Tgt Ion:168 Resp: 289075
Ion Ratio Lower Upper
168 100
99 49.2 43.0 64.4



#11
Tert butyl alcohol
Concen: 0.41 ug/l
RT: 4.711 min Scan# 924
Delta R.T. -0.061 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

Tgt Ion: 59 Resp: 218
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

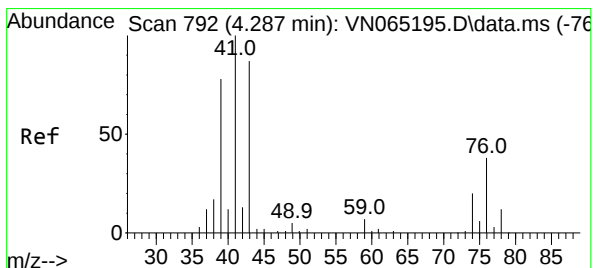
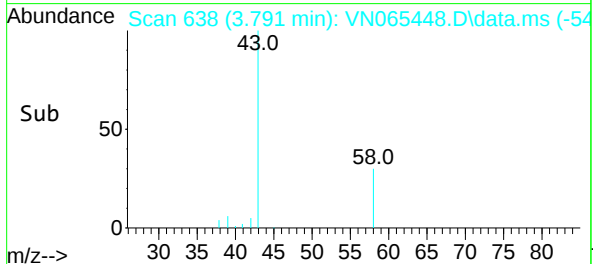
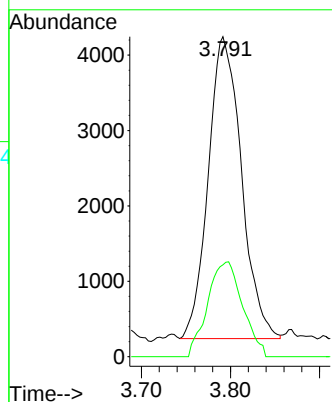
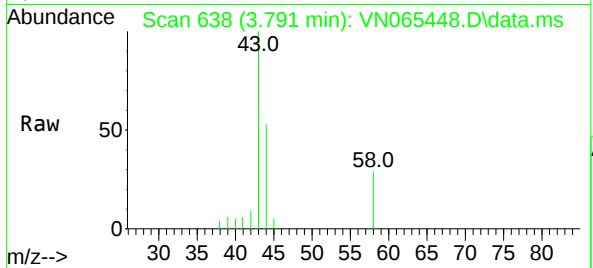




#16
Acetone
Concen: Below Cal
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

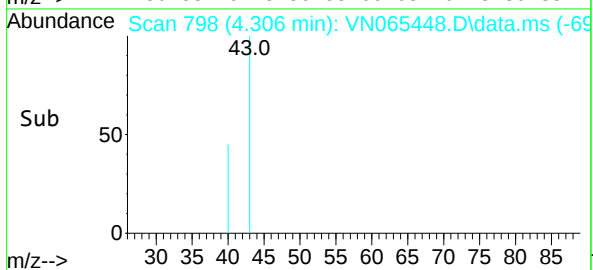
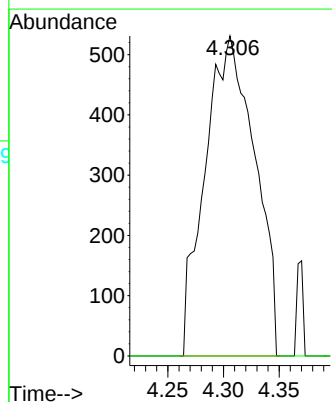
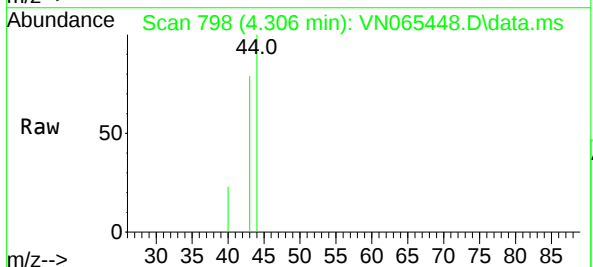
Instrument :
MSVOA_N
ClientSampled :
PB133969TB

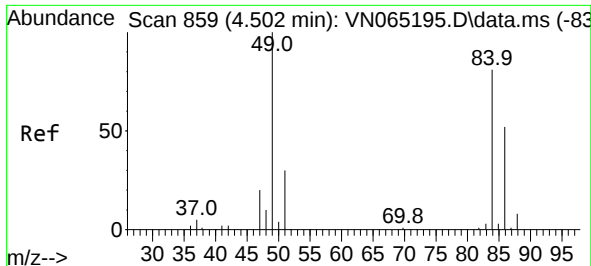
Tgt Ion: 43 Resp: 10354
Ion Ratio Lower Upper
43 100
58 30.4 25.7 38.5



#18
Methyl Acetate
Concen: 0.57 ug/l
RT: 4.306 min Scan# 798
Delta R.T. 0.019 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

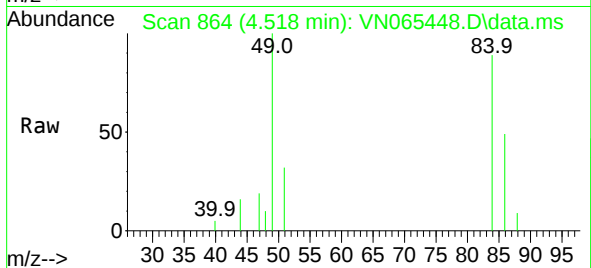
Tgt Ion: 43 Resp: 1657
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



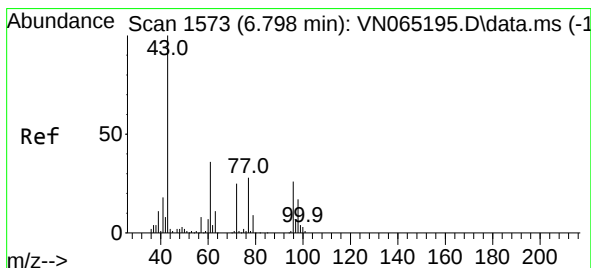
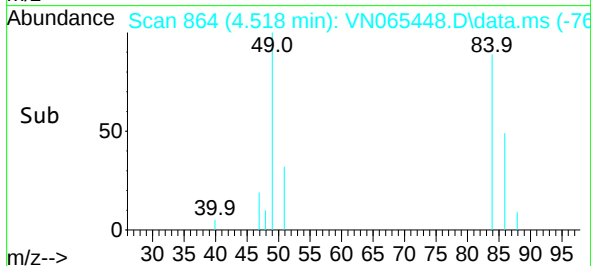
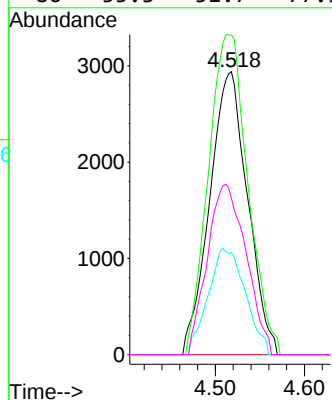


#20
Methylene Chloride
Concen: 2.73 ug/l
RT: 4.518 min Scan# 864
Delta R.T. 0.016 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

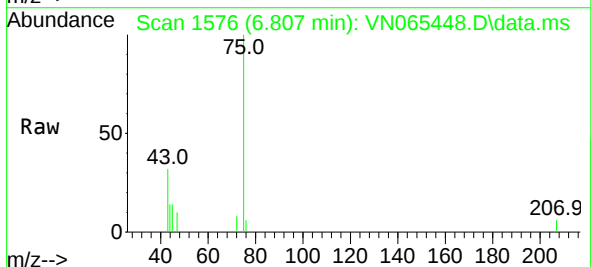
Instrument :
MSVOA_N
ClientSampleId :
PB133969TB



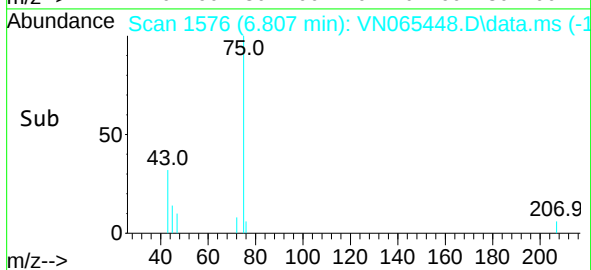
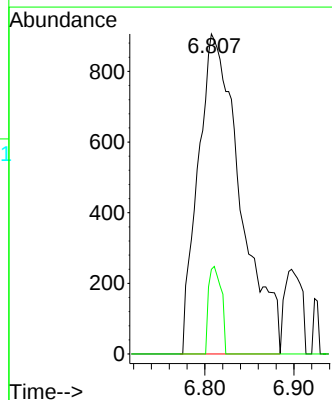
Tgt Ion:	84	Resp:	8700
Ion	Ratio	Lower	Upper
84	100		
49	112.9	93.4	140.0
51	36.0	28.2	42.4
86	55.3	51.7	77.5

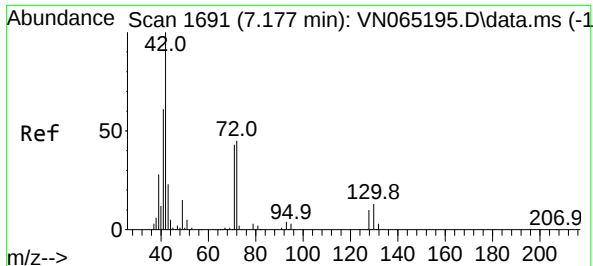


#25
2-Butanone
Concen: 1.63 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.009 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03



Tgt Ion:	43	Resp:	2993
Ion	Ratio	Lower	Upper
43	100		
72	26.5	21.0	31.6





#29

Tetrahydrofuran

Concen: 1.02 ug/l

RT: 7.184 min Scan# 1693

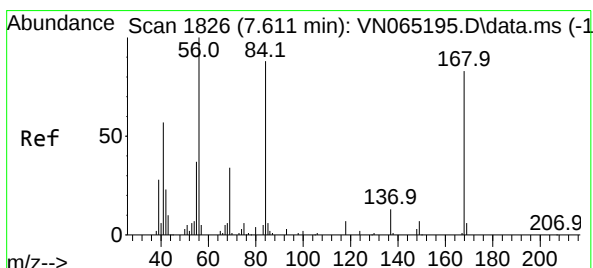
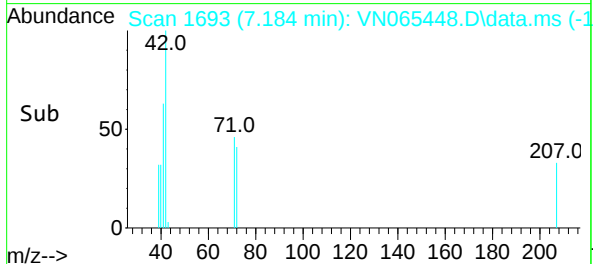
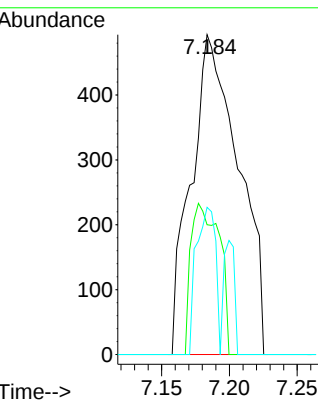
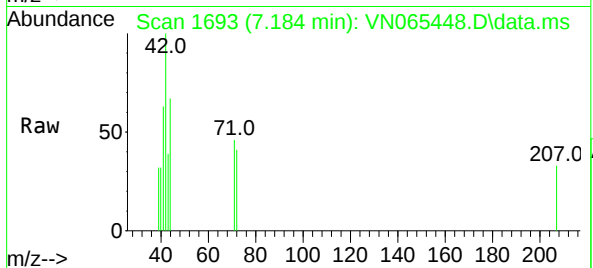
Delta R.T. 0.007 min

Lab File: VN065448.D

Acq: 8 Jan 2021 17:03

Instrument :
MSVOA_N
ClientSampleId :
PB133969TB

Tgt Ion:	42	Resp:	1206
Ion	Ratio	Lower	Upper
42	100		
72	28.1	36.6	54.8#
71	18.5	33.6	50.4#



#31

Cyclohexane

Concen: 0.99 ug/l

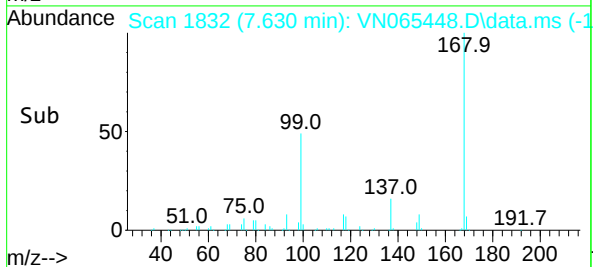
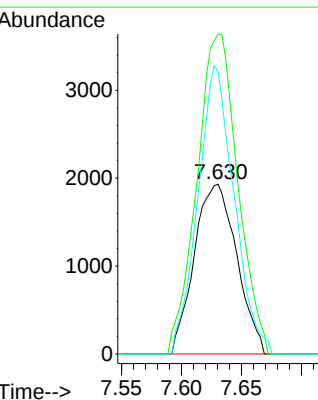
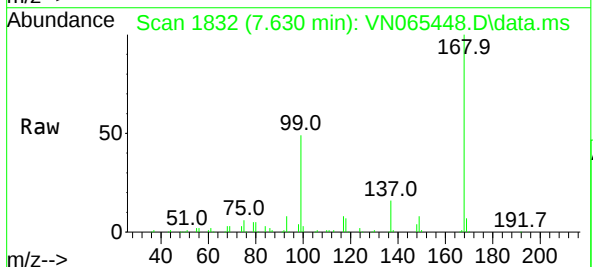
RT: 7.630 min Scan# 1832

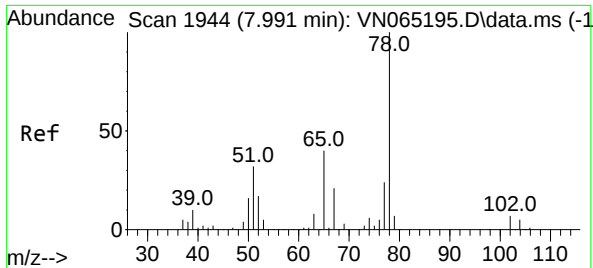
Delta R.T. 0.019 min

Lab File: VN065448.D

Acq: 8 Jan 2021 17:03

Tgt Ion:	56	Resp:	4748
Ion	Ratio	Lower	Upper
56	100		
69	188.5	27.5	41.3#
84	166.0	73.9	110.9#

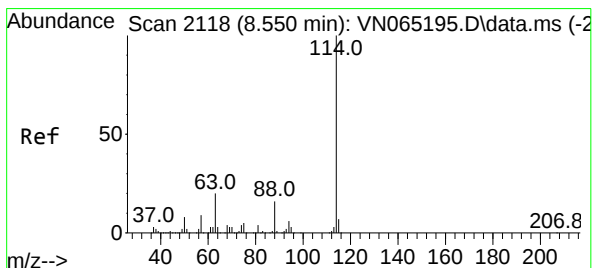
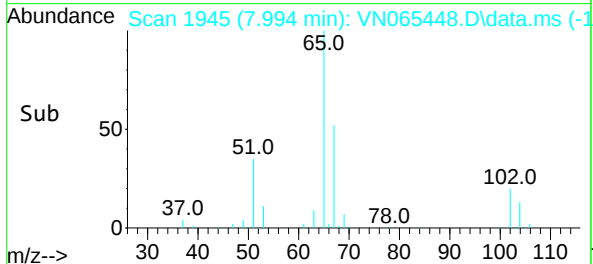
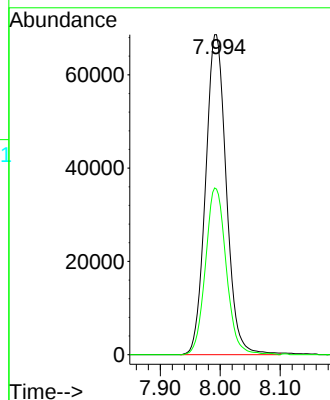
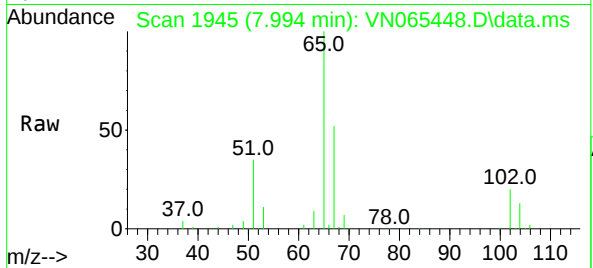




#33
 1,2-Dichloroethane-d4
 Concen: 50.53 ug/l
 RT: 7.994 min Scan# 1945
 Delta R.T. 0.003 min
 Lab File: VN065448.D
 Acq: 8 Jan 2021 17:03

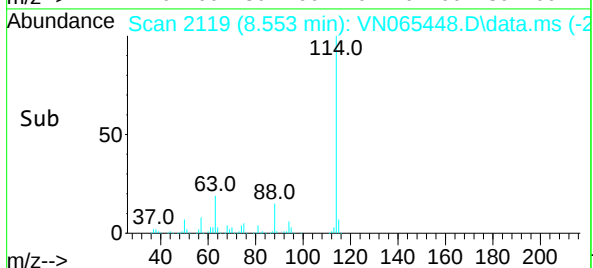
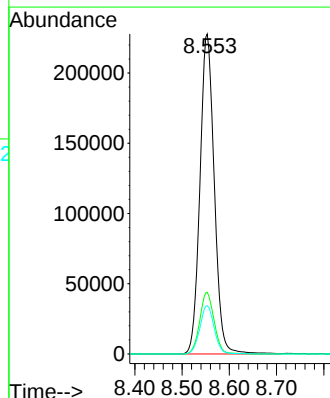
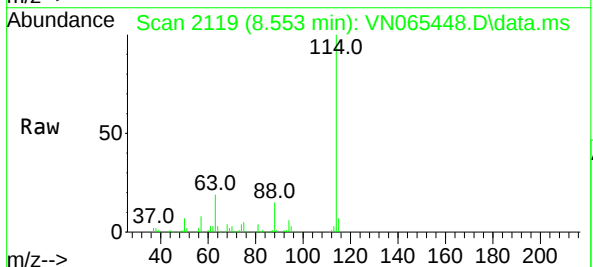
Instrument :
 MSVOA_N
 ClientSampleId :
 PB133969TB

Tgt Ion: 65 Resp: 164887
 Ion Ratio Lower Upper
 65 100
 67 52.1 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: VN065448.D
 Acq: 8 Jan 2021 17:03

Tgt Ion: 114 Resp: 479303
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.1 0.0 32.6

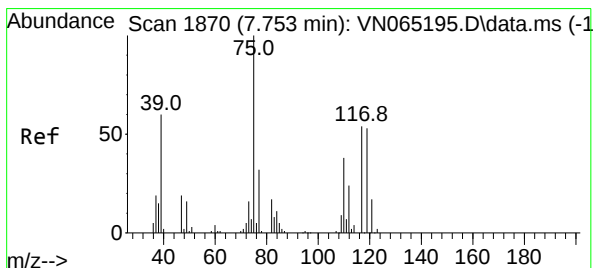
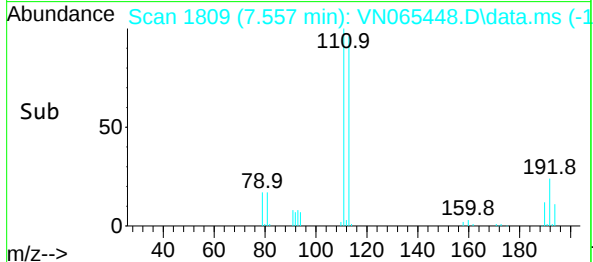
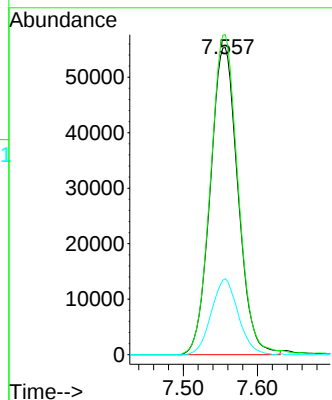
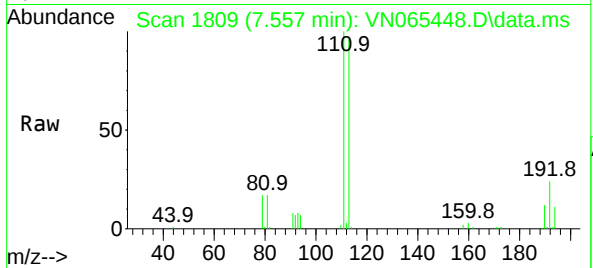




#35
Dibromofluoromethane
Concen: 49.58 ug/l
RT: 7.557 min Scan# 1809
Delta R.T. 0.007 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

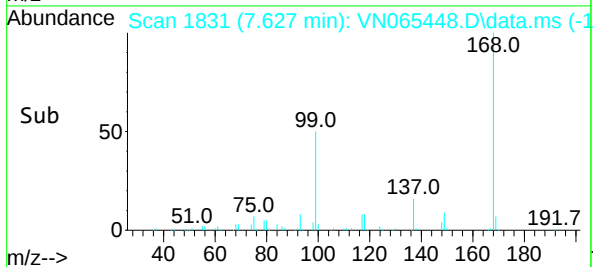
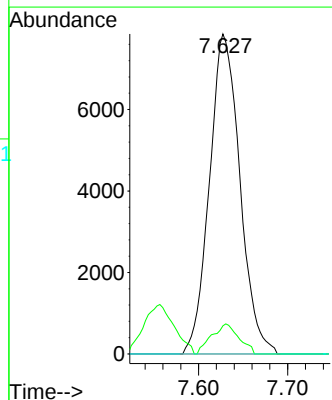
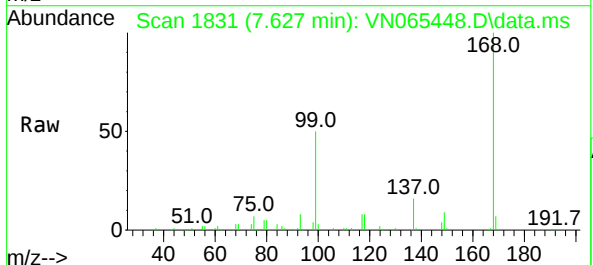
Instrument :
MSVOA_N
ClientSampleId :
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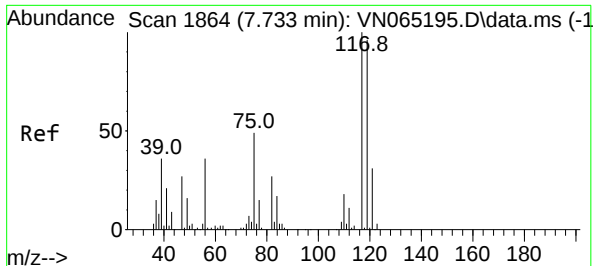
Tgt Ion:113 Resp: 143359
Ion Ratio Lower Upper
113 100
111 104.0 81.6 122.4
192 24.0 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.28 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

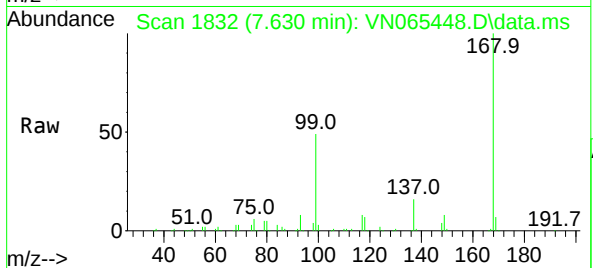
Tgt Ion: 75 Resp: 18664
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.3#
77 0.0 25.0 37.4#



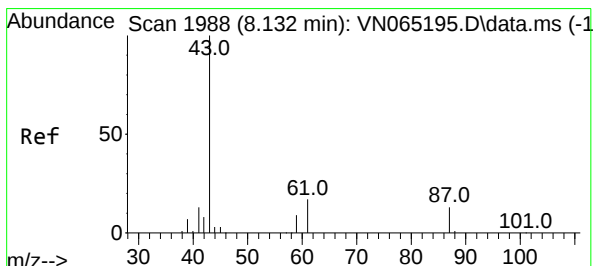
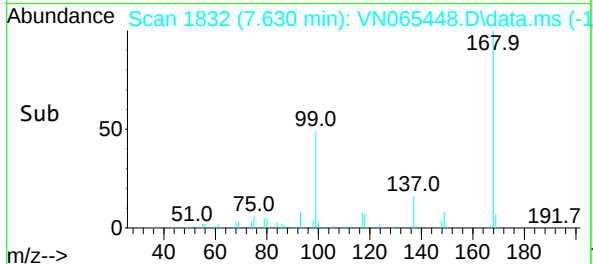
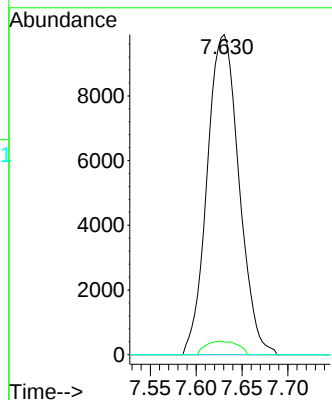


#38
Carbon Tetrachloride
Concen: 5.24 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.103 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

Instrument :
MSVOA_N
ClientSampleId :
PB133969TB

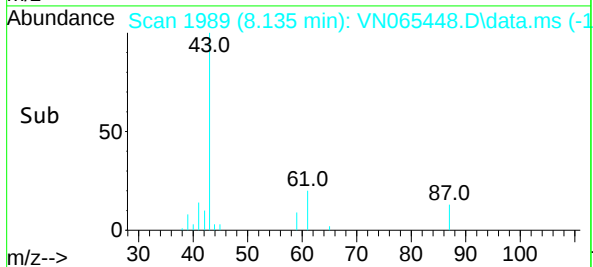
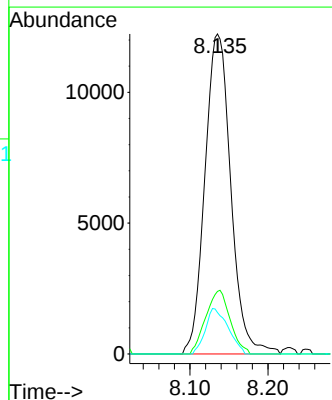
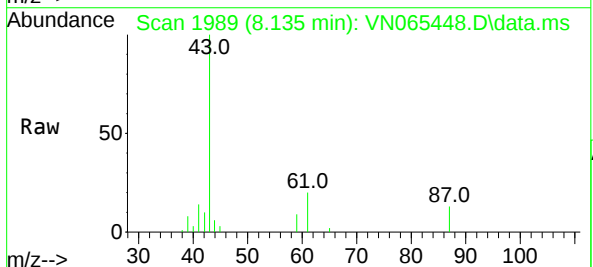


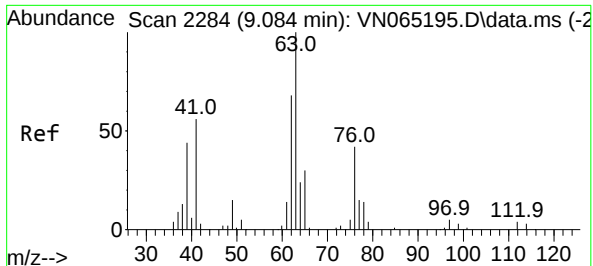
Tgt Ion:117 Resp: 23965
Ion Ratio Lower Upper
117 100
119 4.0 76.7 115.1#
121 0.0 25.4 38.2#



#43
Isopropyl Acetate
Concen: 3.80 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

Tgt Ion: 43 Resp: 28286
Ion Ratio Lower Upper
43 100
61 18.7 17.2 25.8
87 12.4 11.4 17.0

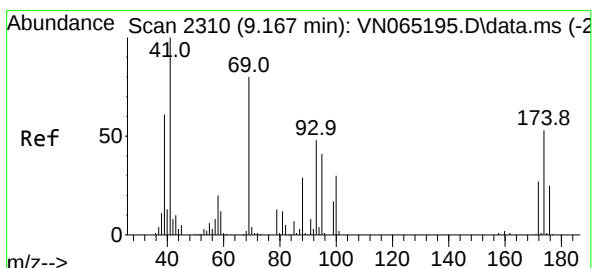
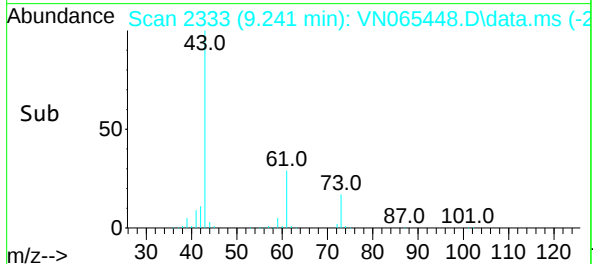
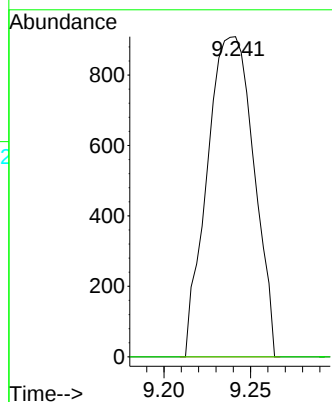
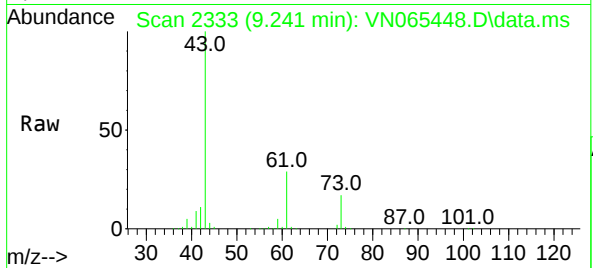




#45
1,2-Dichloropropane
Concen: 0.51 ug/l
RT: 9.241 min Scan# 2333
Delta R.T. 0.157 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

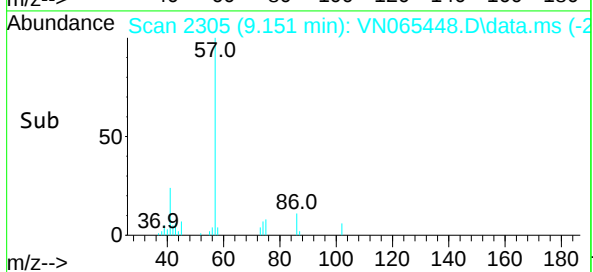
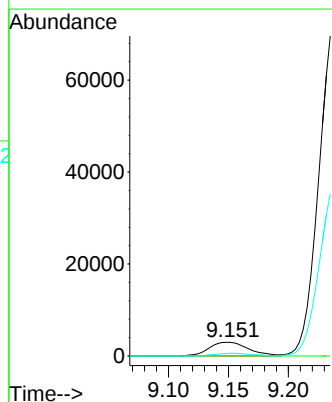
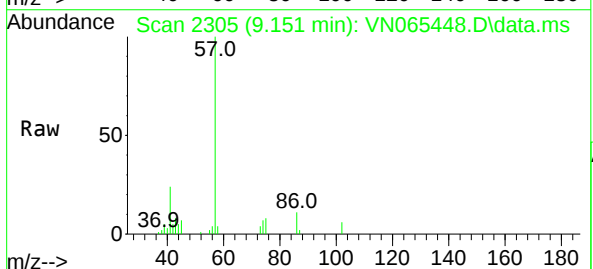
Instrument :
MSVOA_N
ClientSampled :
PB133969TB

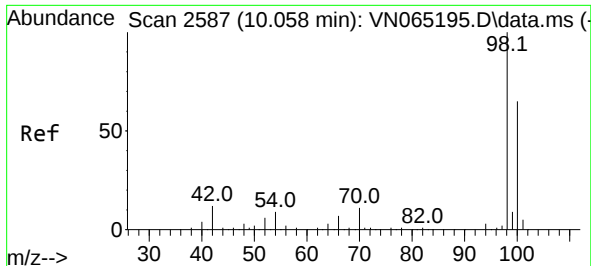
Tgt Ion: 63 Resp: 1702
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.4#



#48
Methyl methacrylate
Concen: 1.89 ug/l
RT: 9.151 min Scan# 2305
Delta R.T. -0.016 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

Tgt Ion: 41 Resp: 6825
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#

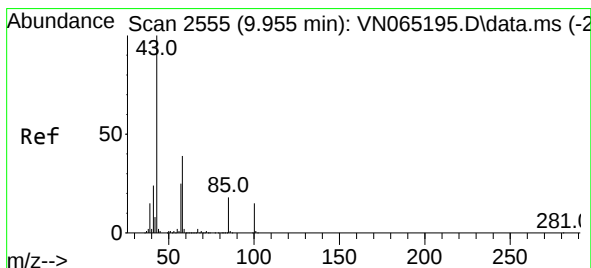
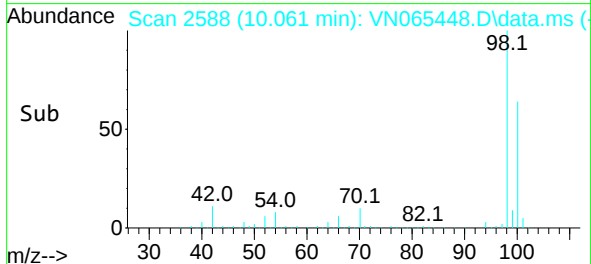
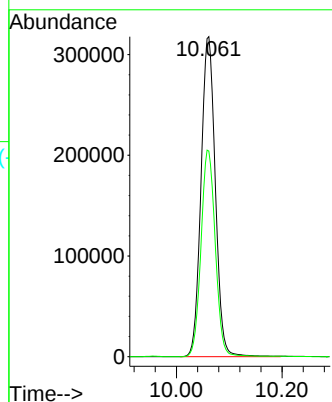
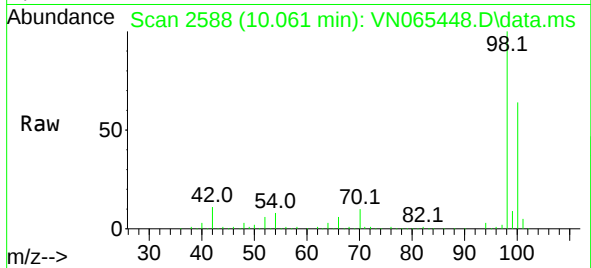




#50
Toluene-d8
Concen: 55.04 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

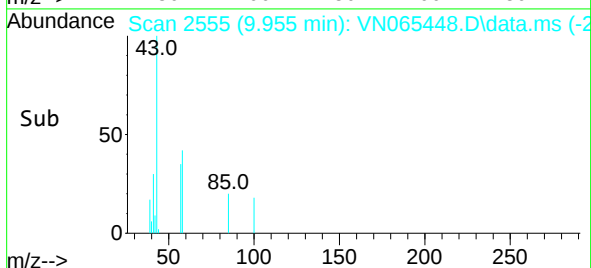
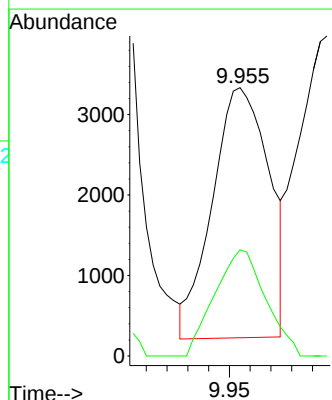
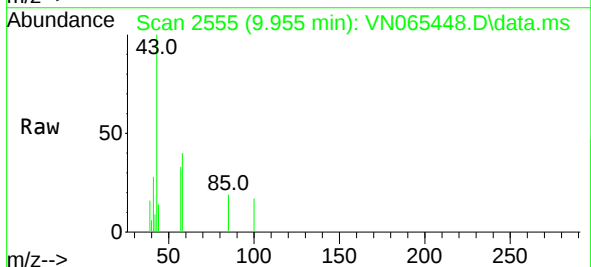
Instrument :
MSVOA_N
ClientSampleId :
PB133969TB

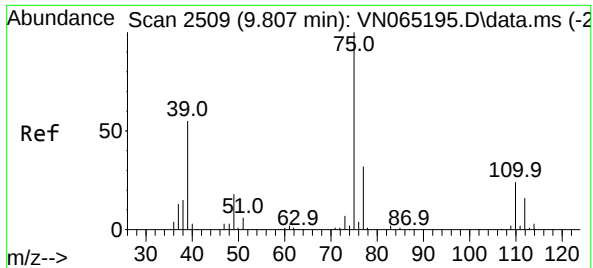
Tgt Ion: 98 Resp: 596466
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.40 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

Tgt Ion: 43 Resp: 5874
Ion Ratio Lower Upper
43 100
58 38.2 32.4 48.6

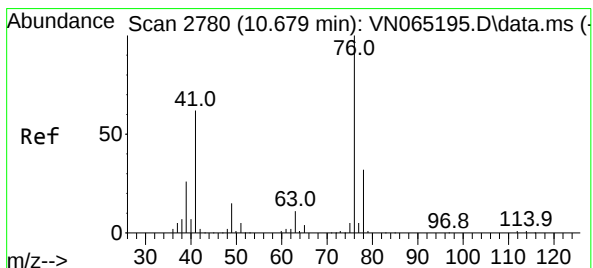
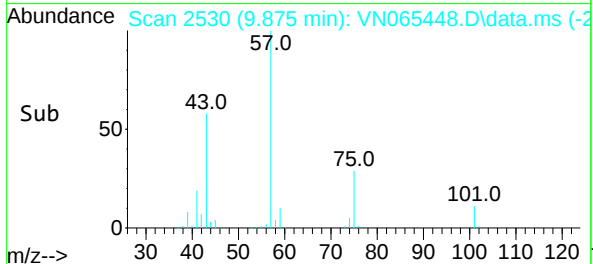
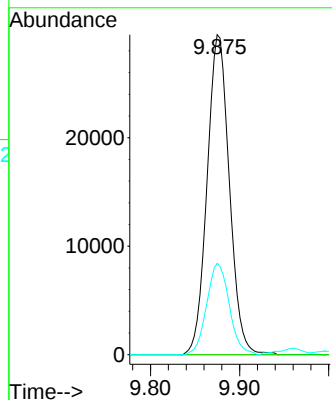
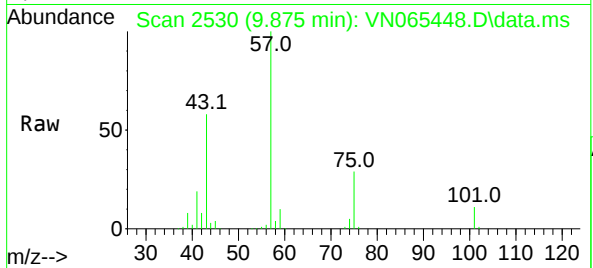




#54
cis-1,3-Dichloropropene
Concen: 8.84 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.068 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

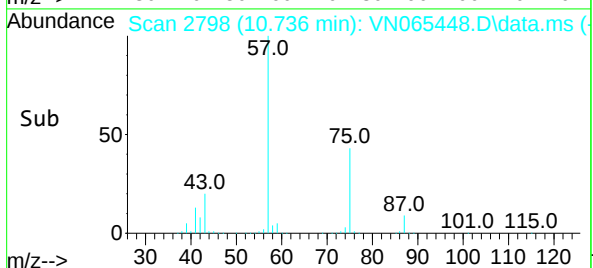
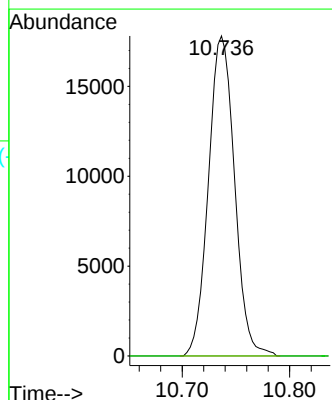
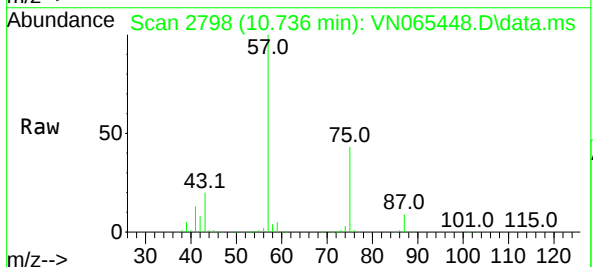
Instrument :
MSVOA_N
ClientSampleId :
PB133969TB

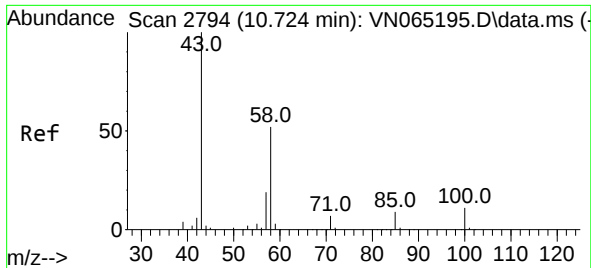
Tgt Ion: 75 Resp: 51106
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 28.6 35.6 53.4#



#57
1,3-Dichloropropane
Concen: 5.63 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

Tgt Ion: 76 Resp: 30041
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

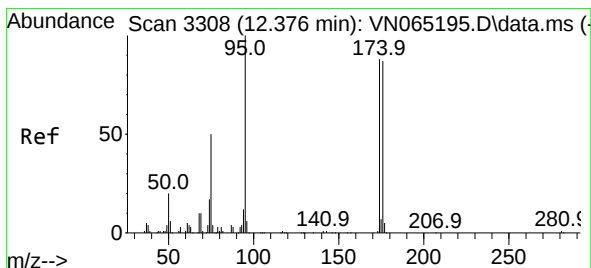
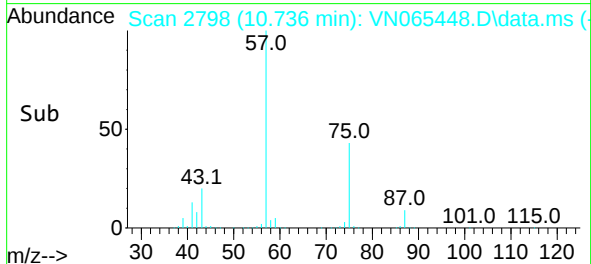
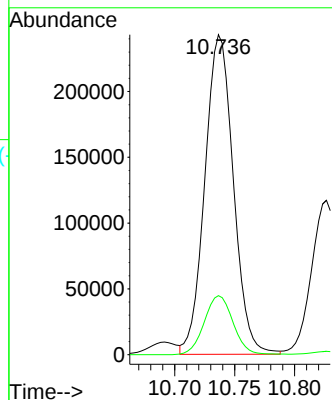
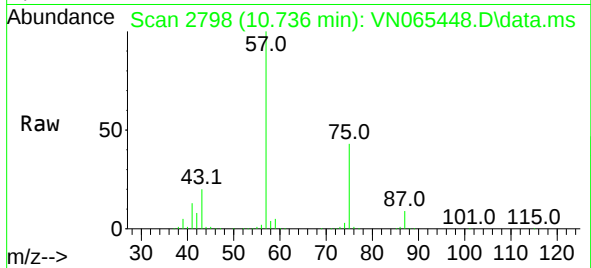




#59
2-Hexanone
Concen: 130.60 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

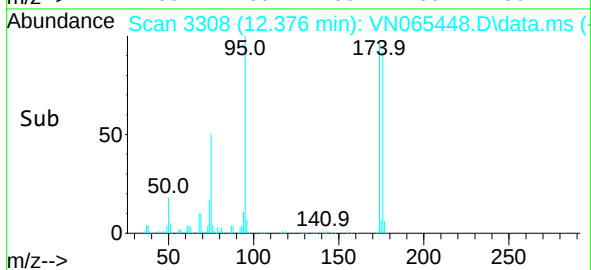
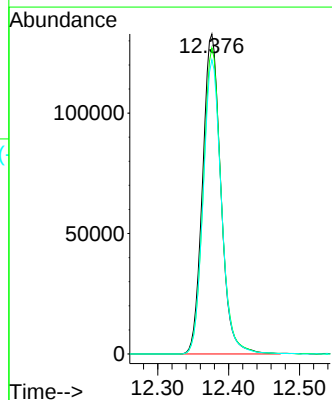
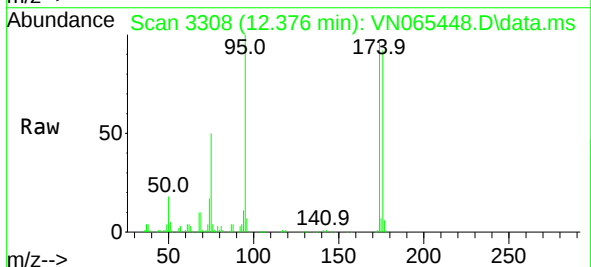
Instrument :
MSVOA_N
ClientSampleId :
PB133969TB

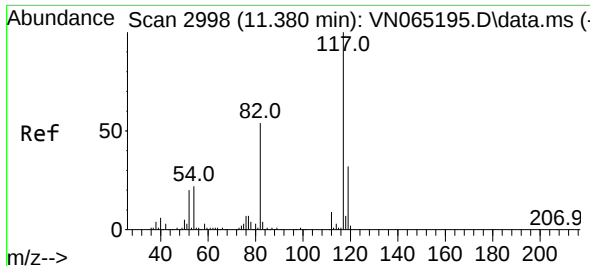
Tgt Ion: 43 Resp: 401890
Ion Ratio Lower Upper
43 100
58 18.8 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 54.77 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

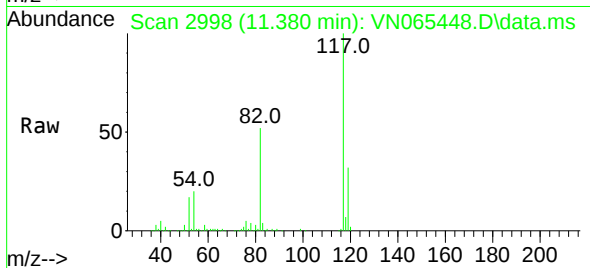
Tgt Ion: 95 Resp: 237079
Ion Ratio Lower Upper
95 100
174 94.7 0.0 160.4
176 91.8 0.0 158.4



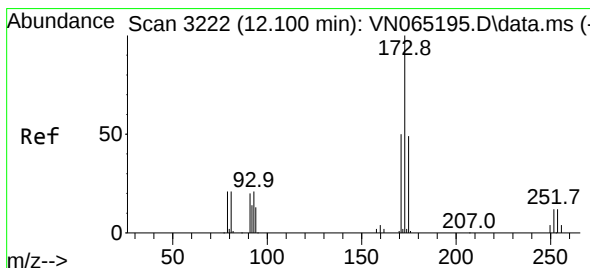
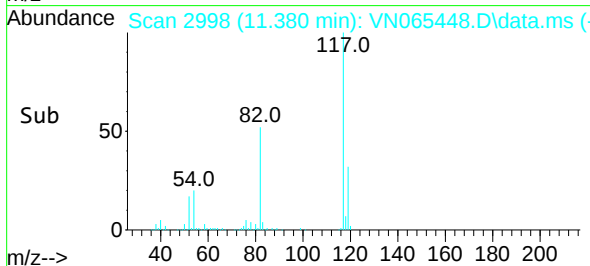
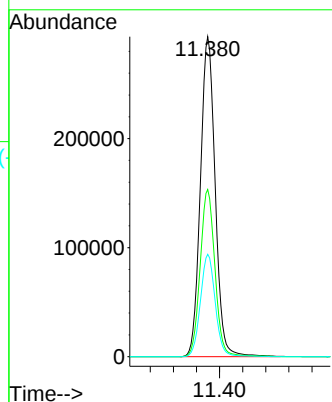


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

Instrument :
MSVOA_N
ClientSampleId :
PB133969TB

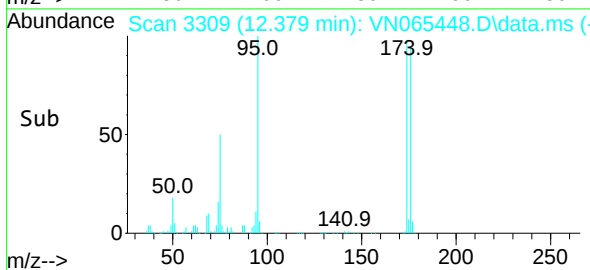
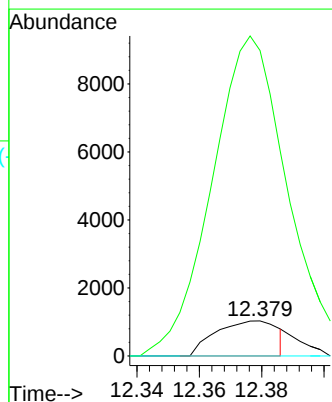
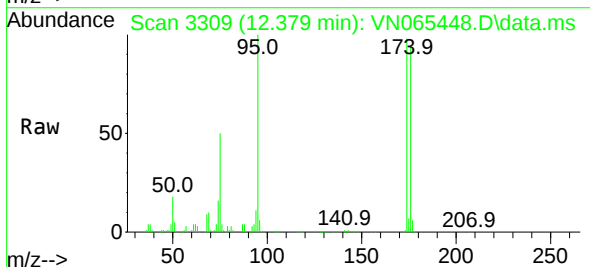


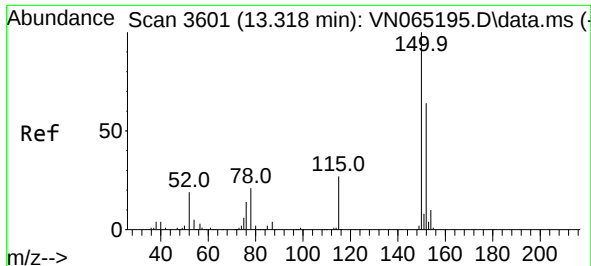
Tgt Ion:117 Resp: 522694
Ion Ratio Lower Upper
117 100
82 52.2 44.2 66.2
119 32.0 25.8 38.6



#71
Bromoform
Concen: 0.40 ug/l
RT: 12.379 min Scan# 3309
Delta R.T. 0.279 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

Tgt Ion:173 Resp: 1426
Ion Ratio Lower Upper
173 100
175 925.0 24.3 72.8#
254 0.0 0.0 0.0

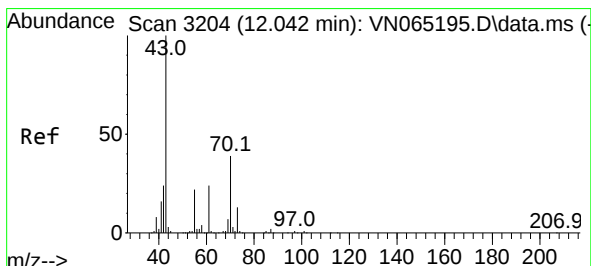
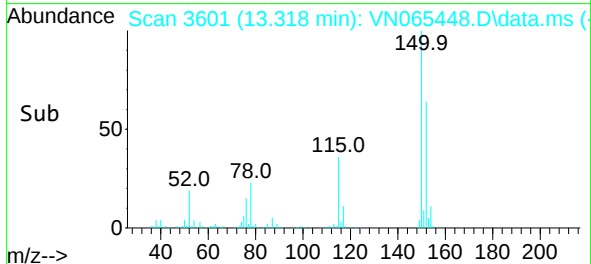
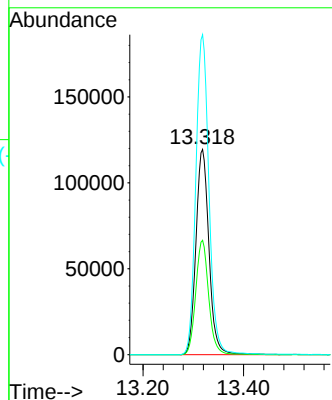
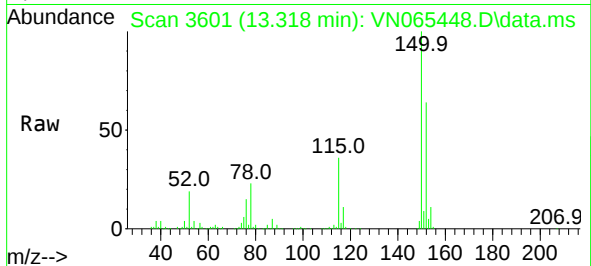




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

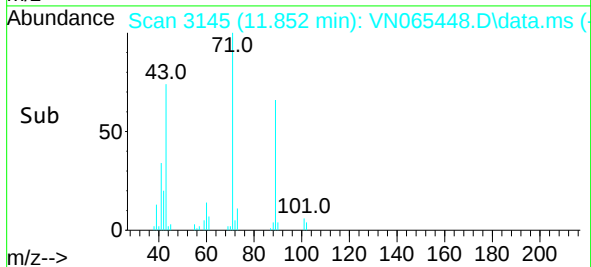
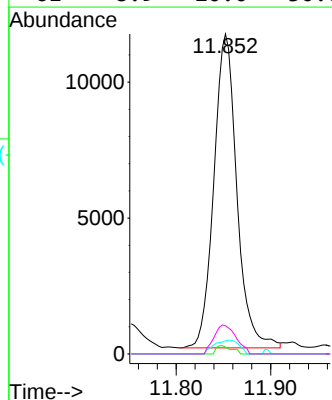
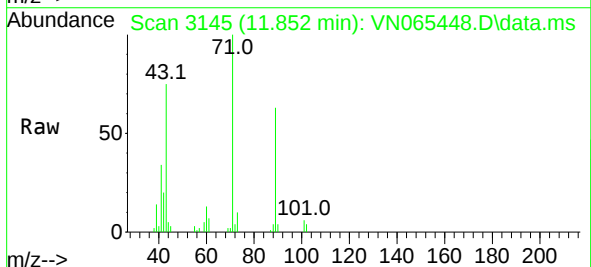
Instrument :
MSVOA_N
ClientSampleId :
PB133969TB

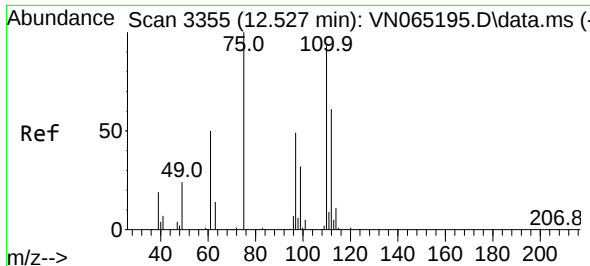
Tgt Ion:152 Resp: 215029
Ion Ratio Lower Upper
152 100
115 55.0 29.7 89.1
150 156.4 0.0 350.6



#74
N-ethyl acetate
Concen: 2.99 ug/l
RT: 11.852 min Scan# 3145
Delta R.T. -0.190 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

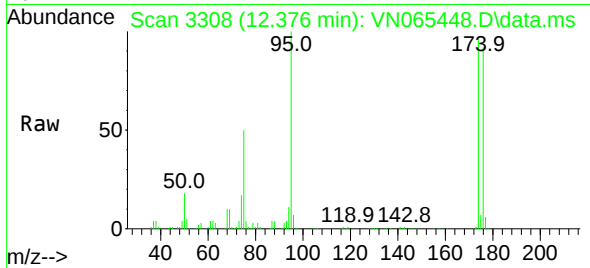
Tgt Ion: 43 Resp: 19524
Ion Ratio Lower Upper
43 100
70 1.7 34.5 51.7#
55 4.7 20.4 30.6#
61 8.9 20.0 30.0#



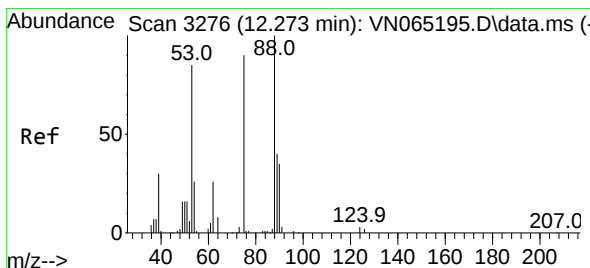
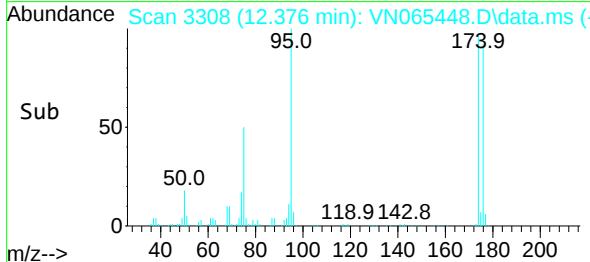
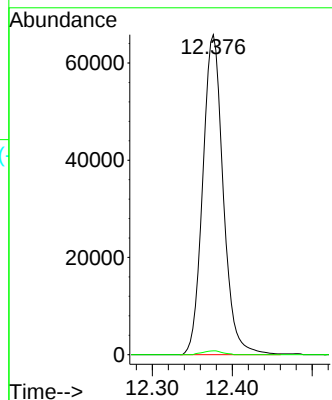


#76
1,2,3-Trichloropropane
Concen: 26.75 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

Instrument :
MSVOA_N
ClientSampleId :
PB133969TB

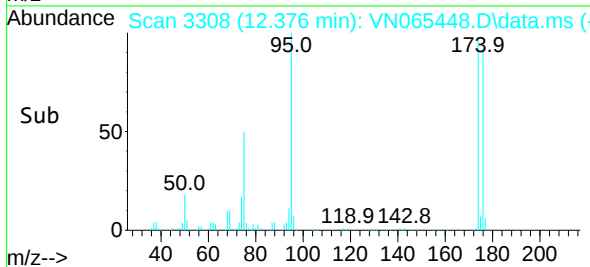
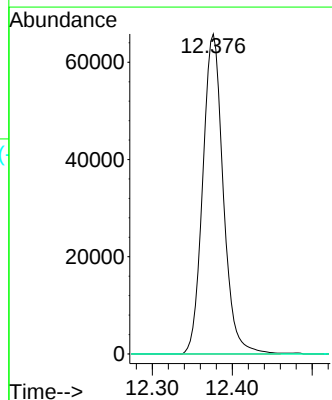
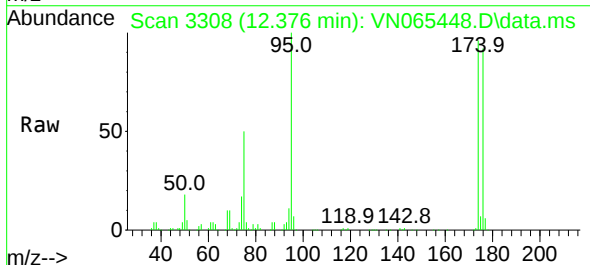


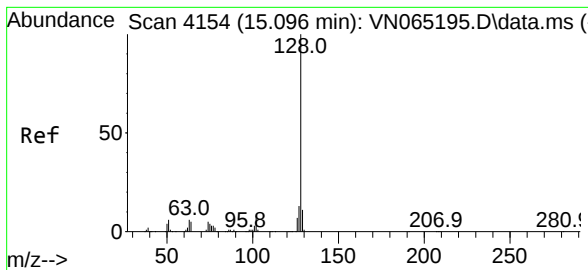
Tgt Ion: 75 Resp: 117327
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.44 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

Tgt Ion: 75 Resp: 117327
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#





#95
Naphthalene
Concen: 4.32 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.013 min
Lab File: VN065448.D
Acq: 8 Jan 2021 17:03

Instrument :
MSVOA_N
ClientSampleId :
PB133969TB

Tgt Ion:128 Resp: 11302
Ion Ratio Lower Upper
128 100
127 11.4 10.3 15.5
129 10.6 8.7 13.1

