

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010821\
 Data File : VN065449.D
 Acq On : 8 Jan 2021 17:28
 Operator : JC/MD
 Sample : PB133969ZHE#01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133969ZHE#01

Quant Time: Jan 08 22:49:50 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)

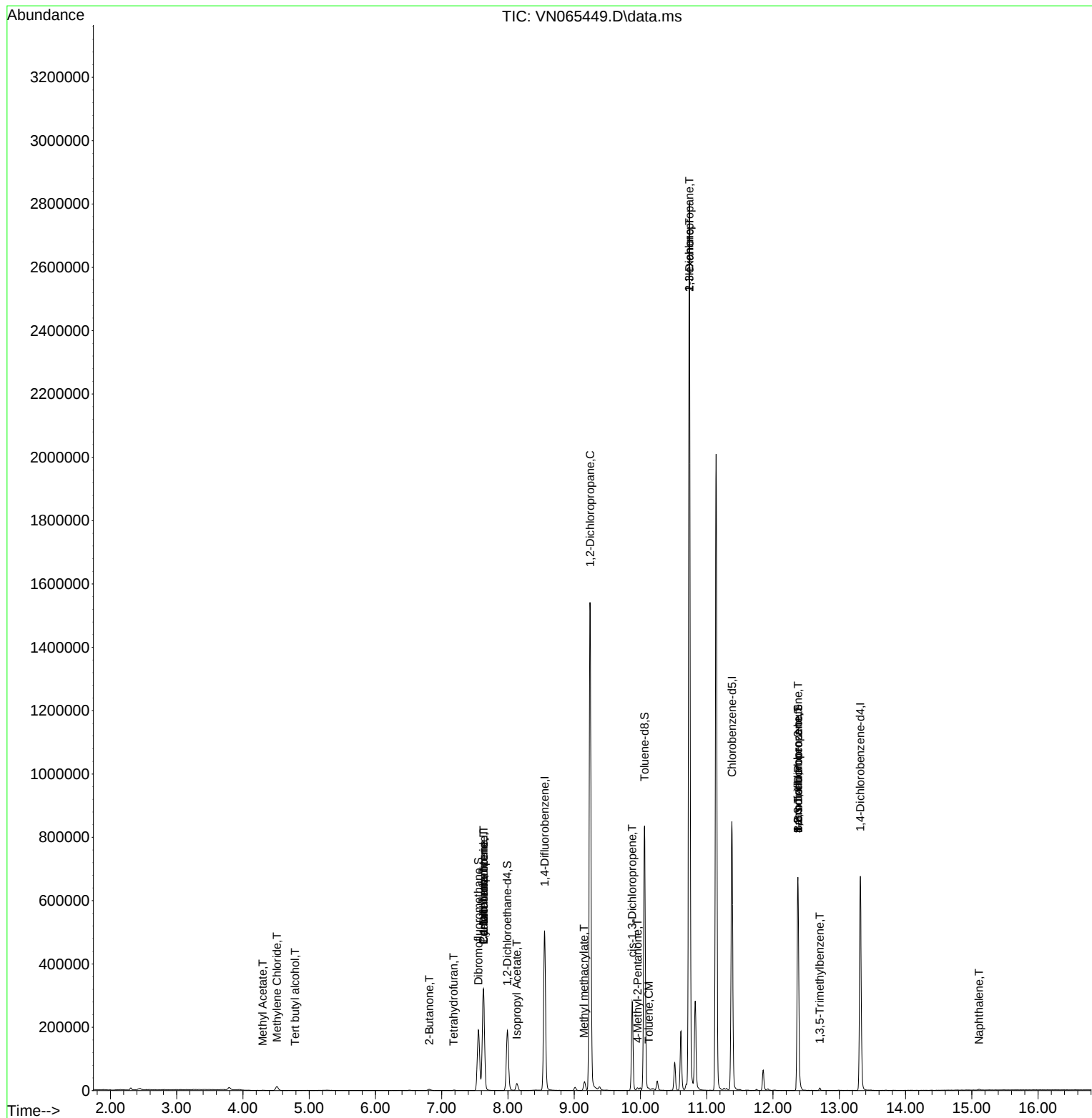
Internal Standards						
1) Pentafluorobenzene	7.631	168	293390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	486579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	526321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	210529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	167056	50.44	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.88%			
35) Dibromofluoromethane	7.553	113	145858	49.69	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.38%			
50) Toluene-d8	10.061	98	602796	54.79	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.58%			
62) 4-Bromofluorobenzene	12.376	95	237783	54.17	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.34%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.785	59	132	0.24	ug/l #	73
16) Acetone	3.791	43	11715	Below Cal		97
18) Methyl Acetate	4.296	43	1602	0.54	ug/l #	50
20) Methylene Chloride	4.515	84	9940	3.08	ug/l	96
25) 2-Butanone	6.811	43	5233	2.81	ug/l	97
29) Tetrahydrofuran	7.180	42	1328	1.10	ug/l #	55
31) Cyclohexane	7.631	56	5074	1.04	ug/l #	1
36) 1,1-Dichloropropene	7.631	75	18437	4.17	ug/l #	49
38) Carbon Tetrachloride	7.631	117	24661	5.31	ug/l #	15
43) Isopropyl Acetate	8.132	43	27745	3.67	ug/l	97
45) 1,2-Dichloropropane	9.241	63	2009	0.59	ug/l #	43
48) Methyl methacrylate	9.148	41	6996	1.91	ug/l #	12
51) 4-Methyl-2-Pentanone	9.955	43	6396	1.51	ug/l	89
52) Toluene	10.126	92	2050	0.25	ug/l	94
54) cis-1,3-Dichloropropene	9.875	75	51209	8.73	ug/l #	60
57) 1,3-Dichloropropane	10.737	76	30072	5.55	ug/l #	42
59) 2-Hexanone	10.737	43	408465	130.75	ug/l #	49
71) Bromoform	12.376	173	1440	0.40	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	117186	27.28	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.708	105	3891	0.28	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.376	75	117186	68.80	ug/l #	15
95) Naphthalene	15.109	128	4181	3.73	ug/l #	91

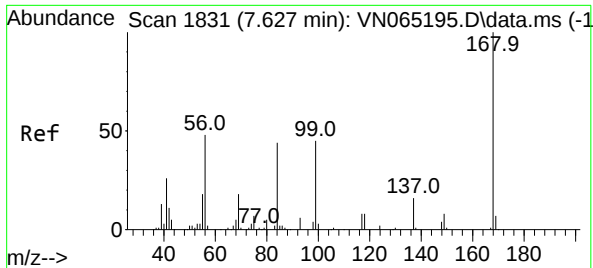
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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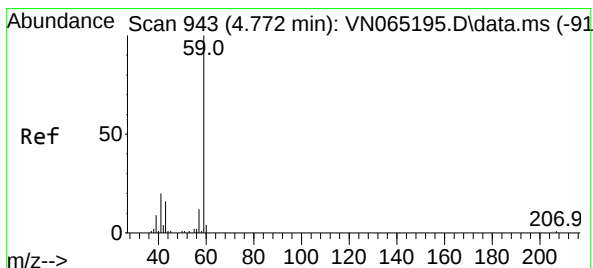
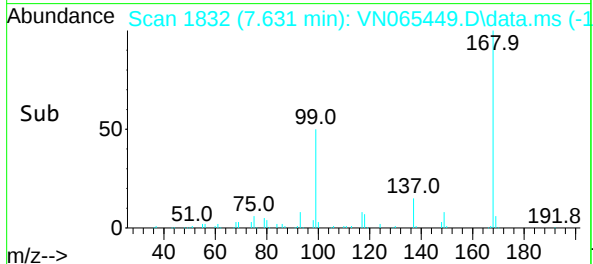
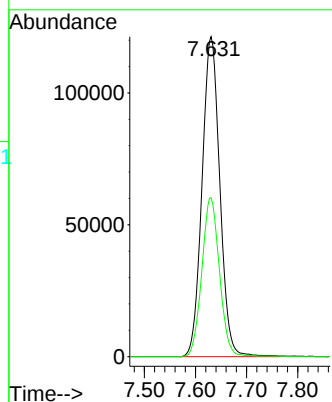
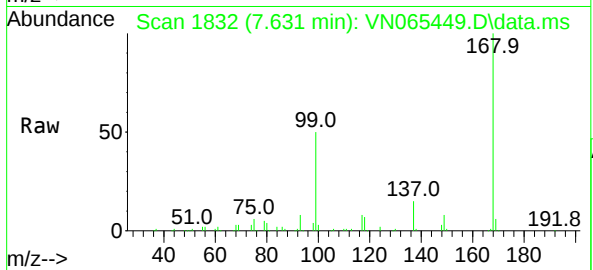




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28

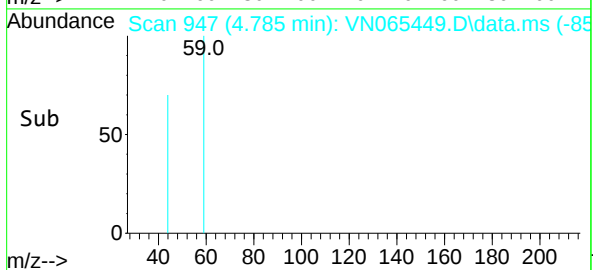
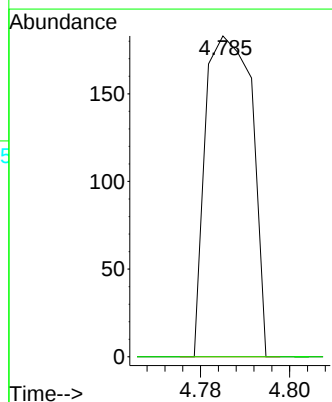
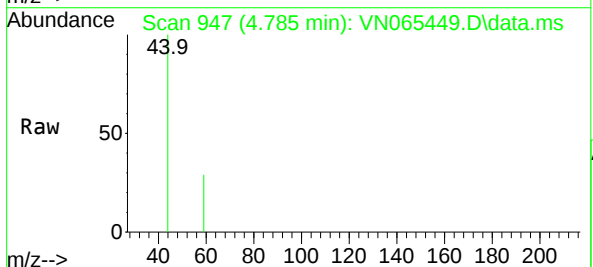
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#01

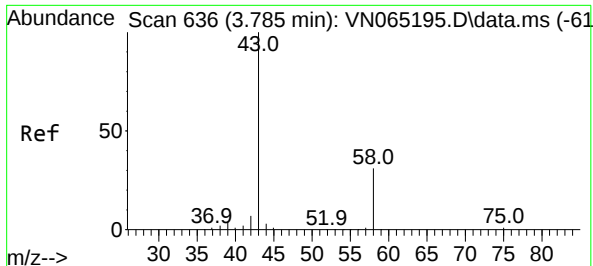
Tgt Ion:168 Resp: 293390
Ion Ratio Lower Upper
168 100
99 49.7 43.0 64.4



#11
Tert butyl alcohol
Concen: 0.24 ug/l
RT: 4.785 min Scan# 947
Delta R.T. 0.013 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28

Tgt Ion: 59 Resp: 132
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

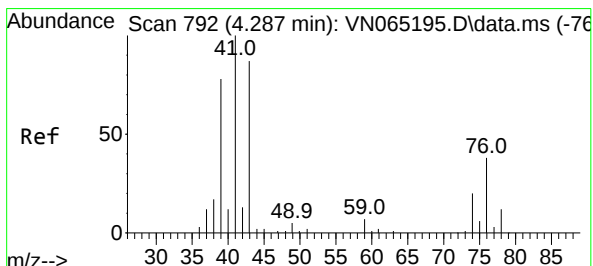
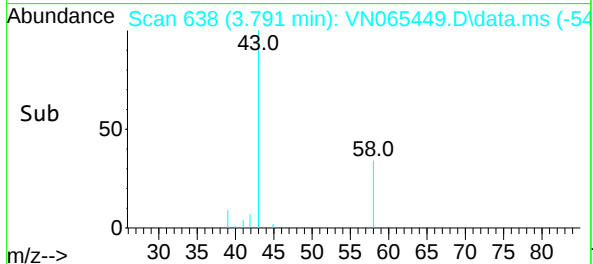
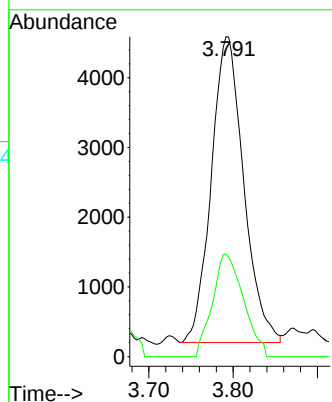
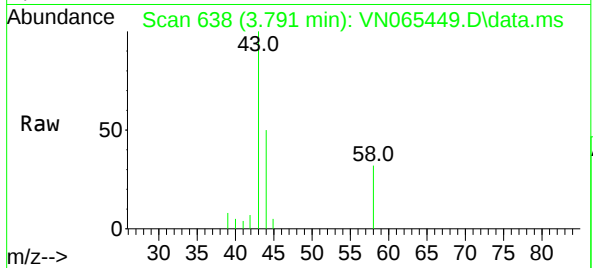




#16
Acetone
Concen: Below Cal
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28

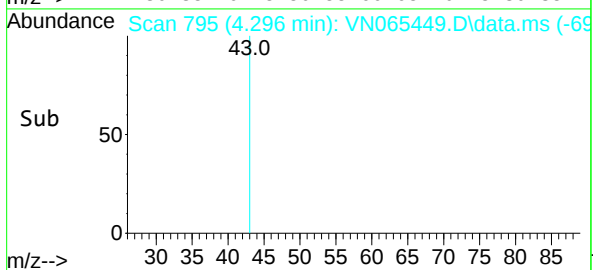
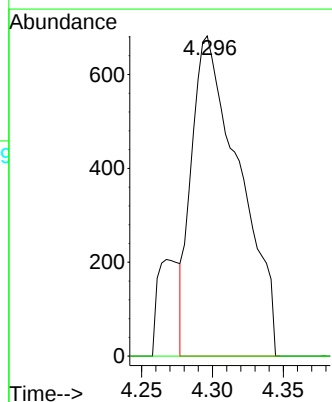
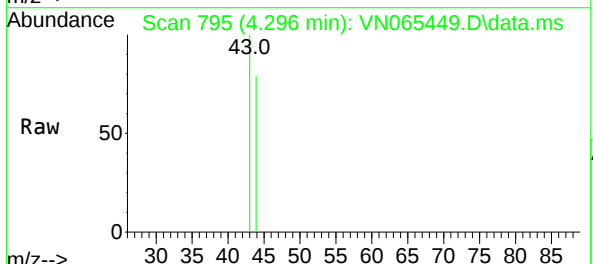
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#01

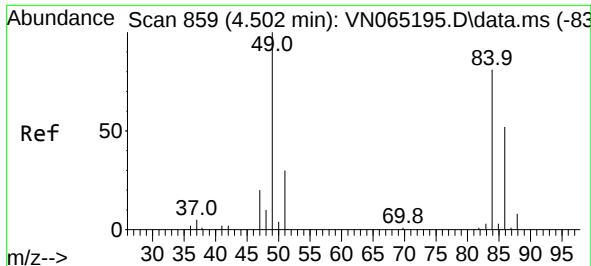
Tgt Ion: 43 Resp: 11715
Ion Ratio Lower Upper
43 100
58 33.6 25.7 38.5



#18
Methyl Acetate
Concen: 0.54 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.009 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28

Tgt Ion: 43 Resp: 1602
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



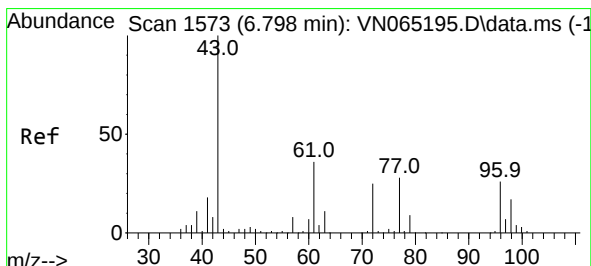
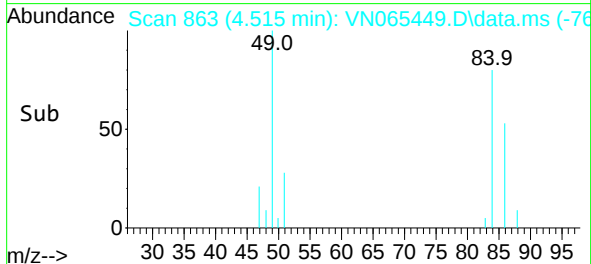
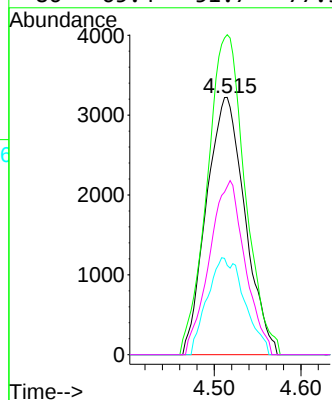
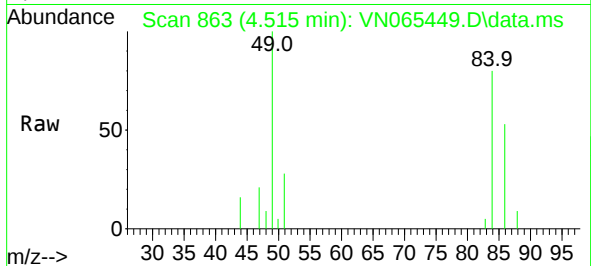


#20
Methylene Chloride
Concen: 3.08 ug/l
RT: 4.515 min Scan# 863
Delta R.T. 0.013 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28

Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#01

Tgt Ion: 84 Resp: 9940

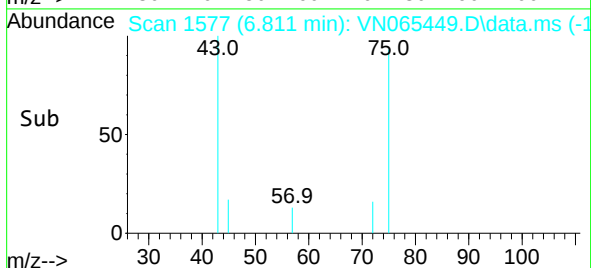
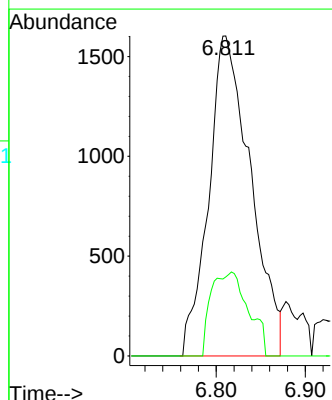
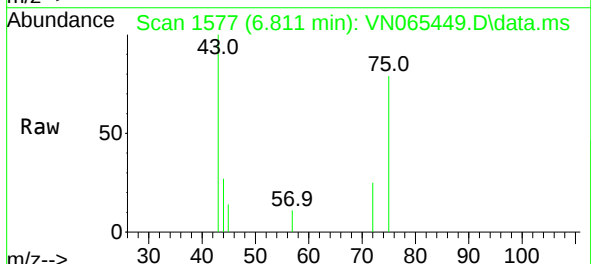
Ion	Ratio	Lower	Upper
84	100		
49	124.4	93.4	140.0
51	34.7	28.2	42.4
86	65.4	51.7	77.5

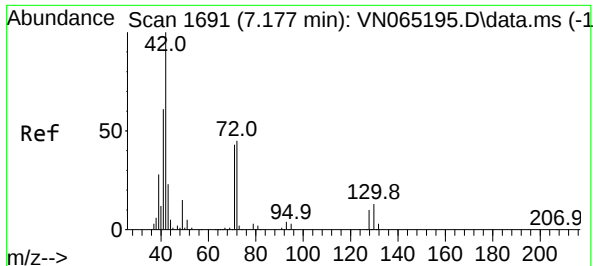


#25
2-Butanone
Concen: 2.81 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. 0.013 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28

Tgt Ion: 43 Resp: 5233

Ion	Ratio	Lower	Upper
43	100		
72	24.7	21.0	31.6





#29

Tetrahydrofuran

Concen: 1.10 ug/l

RT: 7.180 min Scan# 1692

Delta R.T. 0.003 min

Lab File: VN065449.D

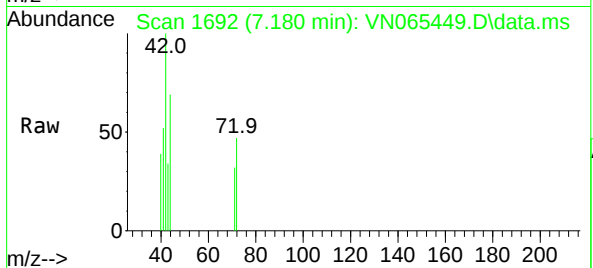
Acq: 8 Jan 2021 17:28

Instrument :

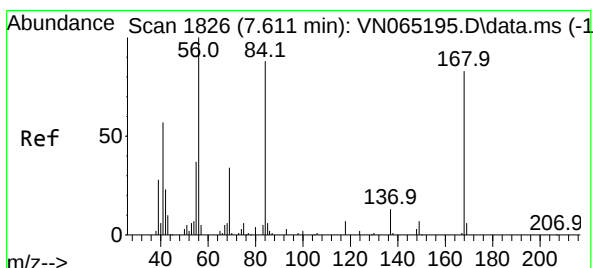
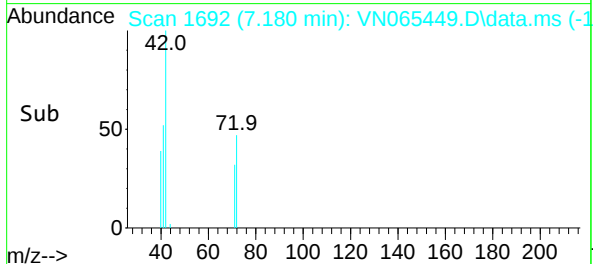
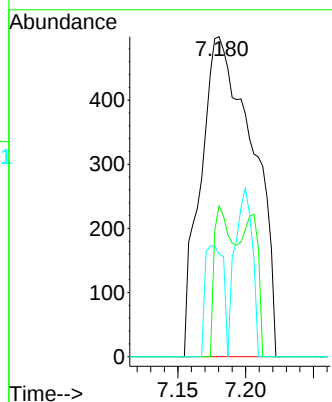
MSVOA_N

ClientSampleId :

PB133969ZHE#01



Tgt Ion:	42	Resp:	1328
Ion	Ratio	Lower	Upper
42	100		
72	17.3	36.6	54.8#
71	12.0	33.6	50.4#



#31

Cyclohexane

Concen: 1.04 ug/l

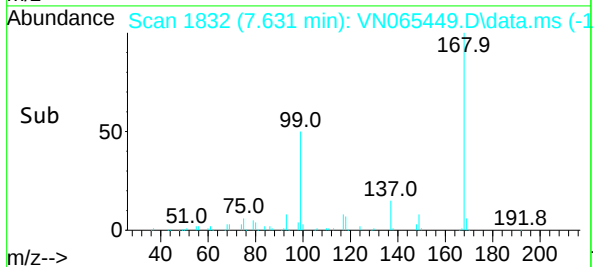
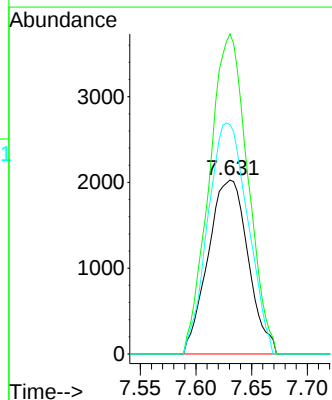
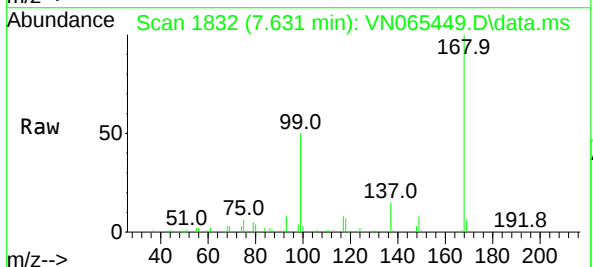
RT: 7.631 min Scan# 1832

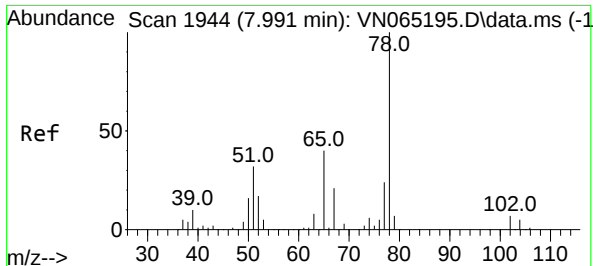
Delta R.T. 0.020 min

Lab File: VN065449.D

Acq: 8 Jan 2021 17:28

Tgt Ion:	56	Resp:	5074
Ion	Ratio	Lower	Upper
56	100		
69	184.0	27.5	41.3#
84	131.9	73.9	110.9#

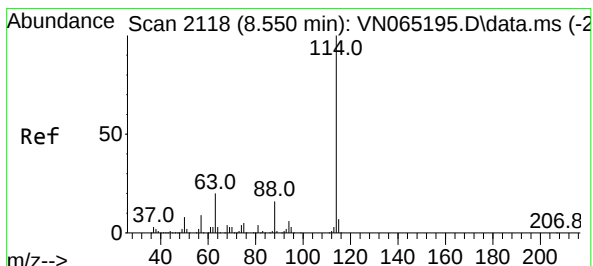
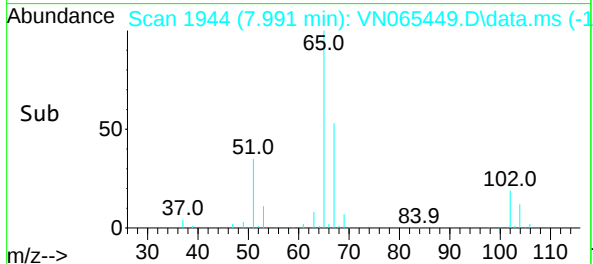
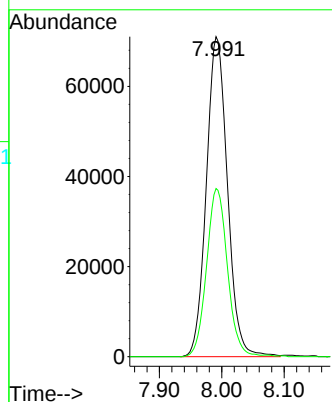
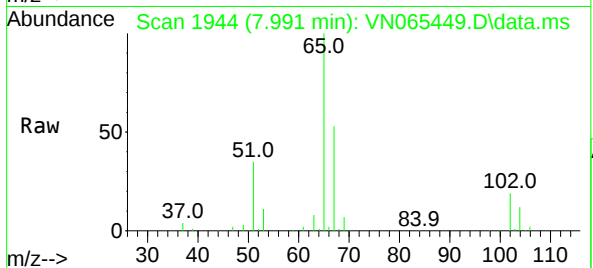




#33
1,2-Dichloroethane-d4
Concen: 50.44 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28

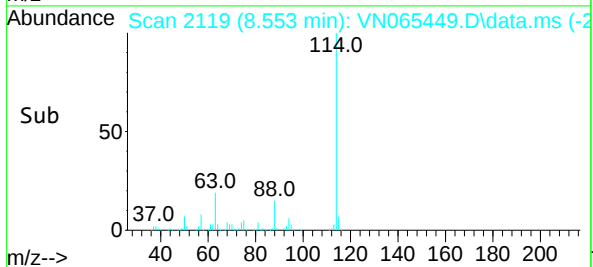
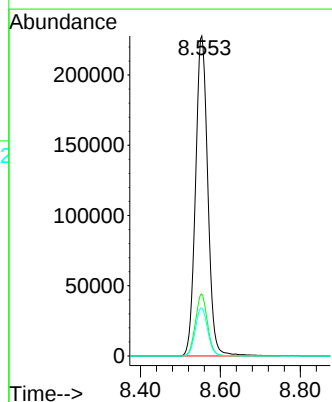
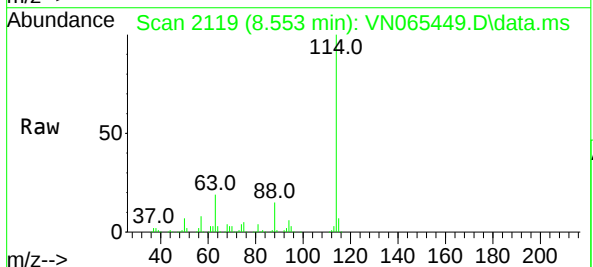
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#01

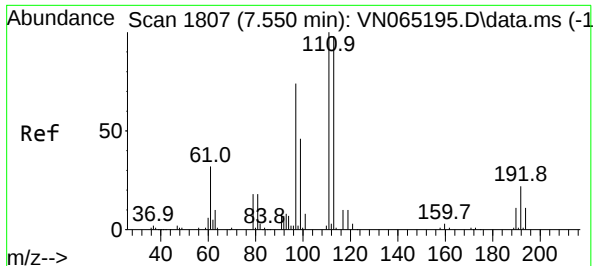
Tgt Ion: 65 Resp: 167056
Ion Ratio Lower Upper
65 100
67 52.0 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28

Tgt Ion: 114 Resp: 486579
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.6
88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.69 ug/l

RT: 7.553 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VN065449.D

Acq: 8 Jan 2021 17:28

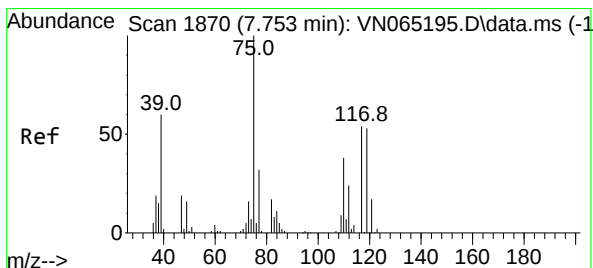
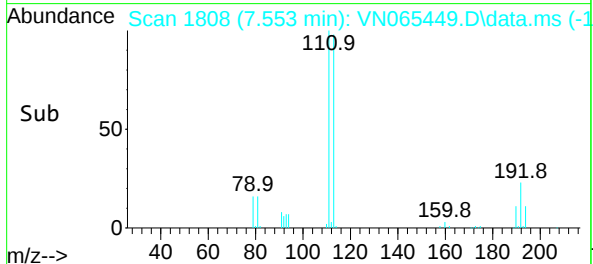
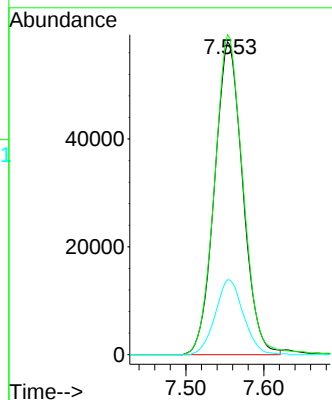
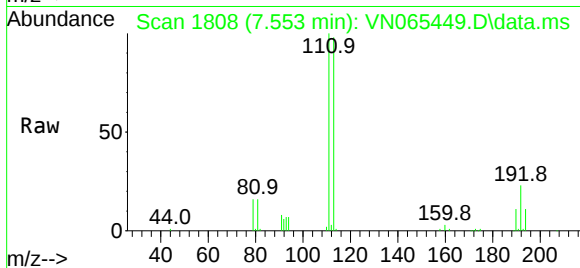
Tgt Ion:113 Resp: 145858

Ion Ratio Lower Upper

113 100

111 103.3 81.6 122.4

192 24.1 16.2 24.2



#36

1,1-Dichloropropene

Concen: 4.17 ug/l

RT: 7.631 min Scan# 1832

Delta R.T. -0.122 min

Lab File: VN065449.D

Acq: 8 Jan 2021 17:28

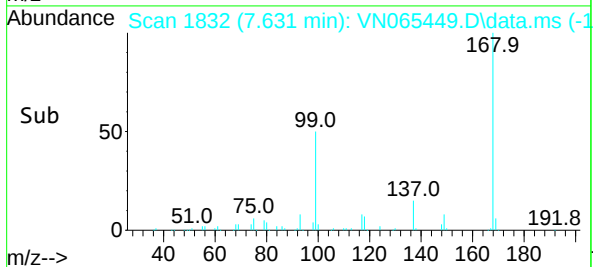
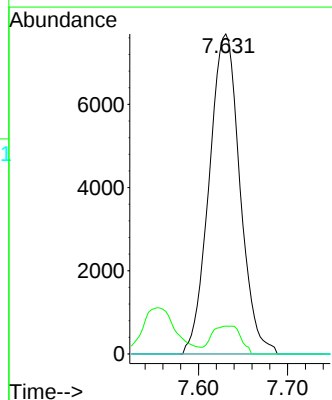
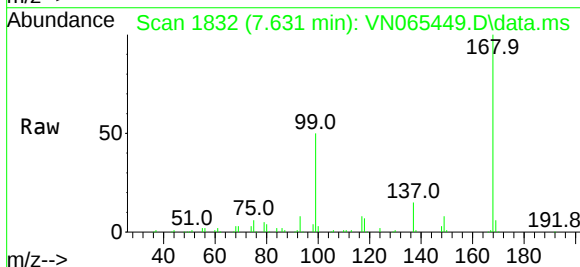
Tgt Ion: 75 Resp: 18437

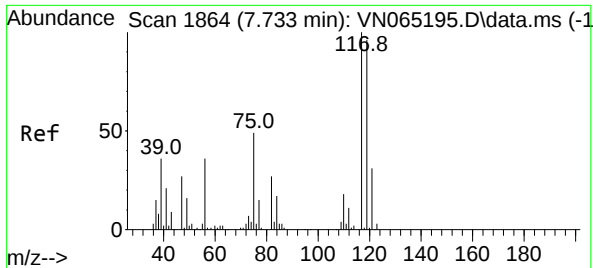
Ion Ratio Lower Upper

75 100

110 8.4 17.8 53.3#

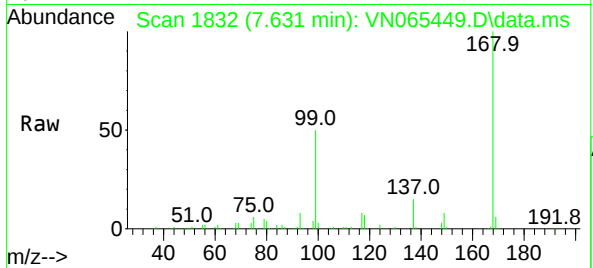
77 0.0 25.0 37.4#



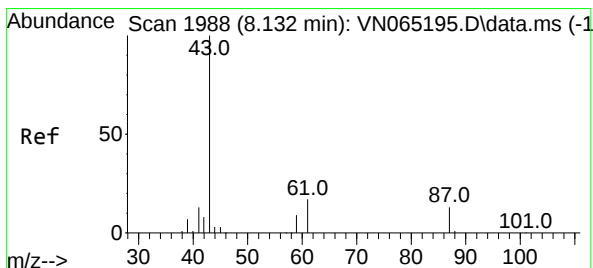
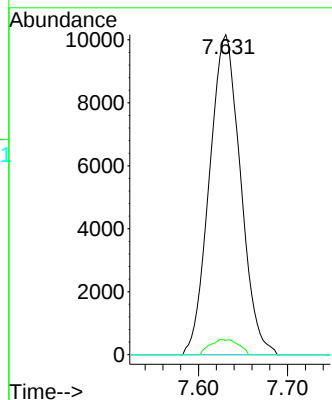
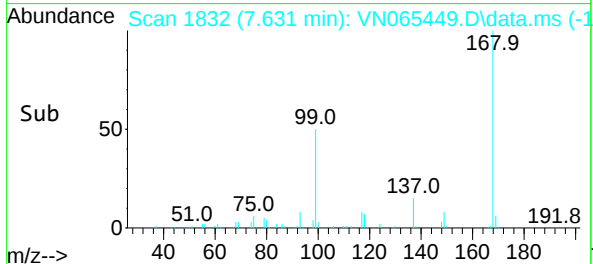


#38
Carbon Tetrachloride
Concen: 5.31 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.102 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28

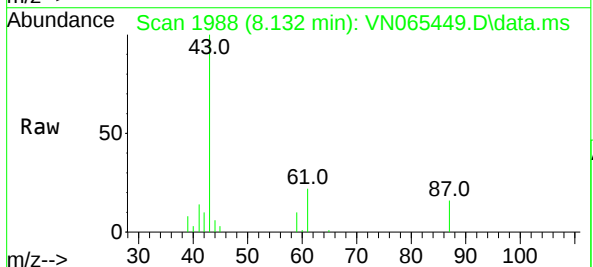
Instrument :
MSVOA_N
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PB133969ZHE#01



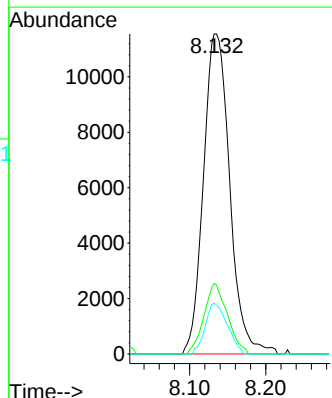
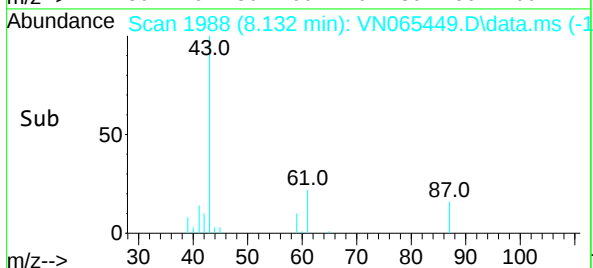
Tgt Ion:117 Resp: 24661
Ion Ratio Lower Upper
117 100
119 4.5 76.7 115.1#
121 0.0 25.4 38.2#

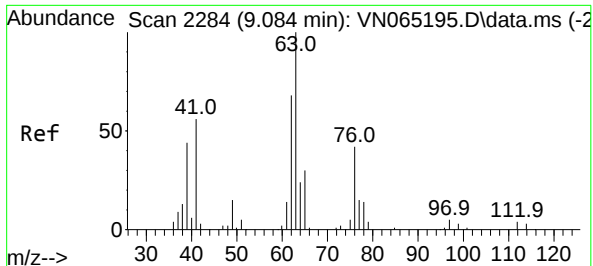


#43
Isopropyl Acetate
Concen: 3.67 ug/l
RT: 8.132 min Scan# 1988
Delta R.T. 0.000 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28



Tgt Ion: 43 Resp: 27745
Ion Ratio Lower Upper
43 100
61 19.6 17.2 25.8
87 13.3 11.4 17.0

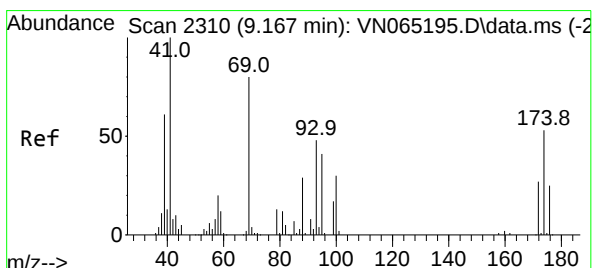
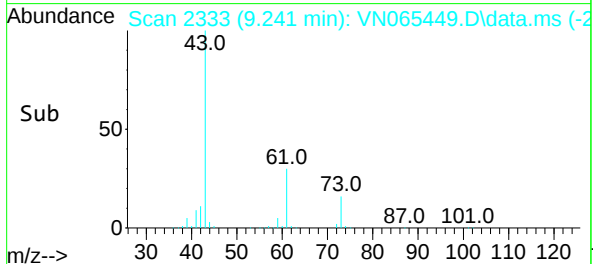
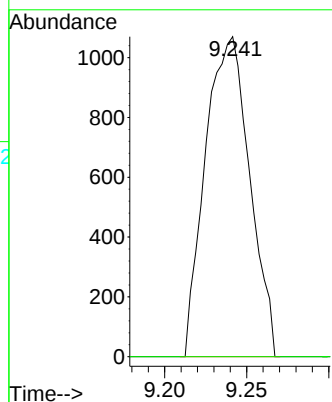
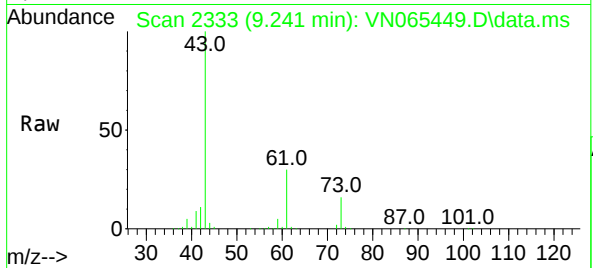




#45
1,2-Dichloropropane
Concen: 0.59 ug/l
RT: 9.241 min Scan# 2333
Delta R.T. 0.157 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28

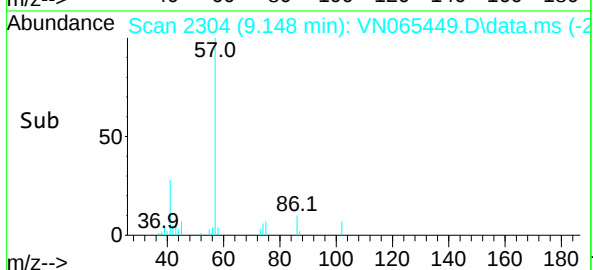
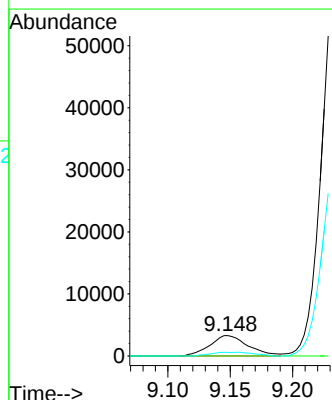
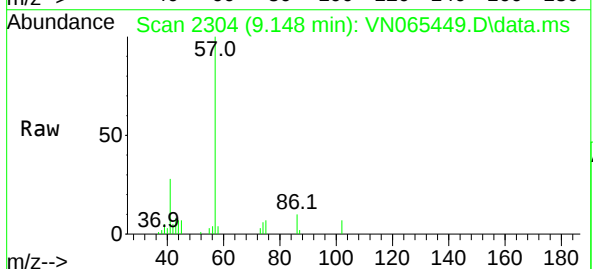
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#01

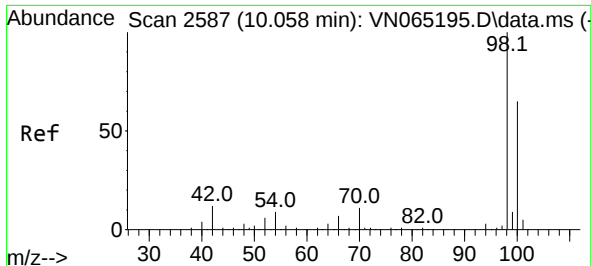
Tgt Ion: 63 Resp: 2009
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.4#



#48
Methyl methacrylate
Concen: 1.91 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28

Tgt Ion: 41 Resp: 6996
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#

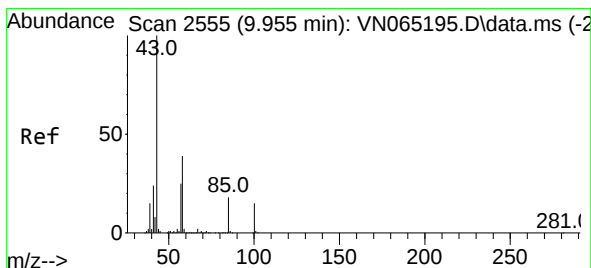
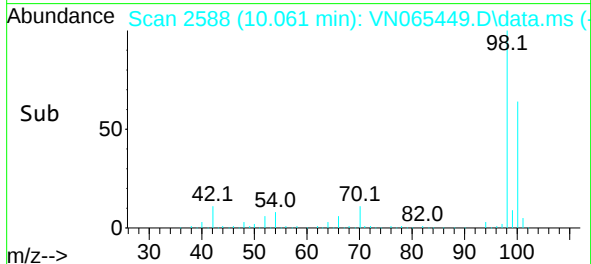
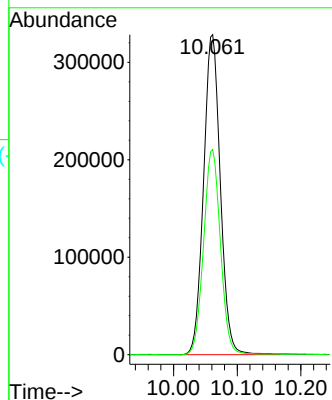
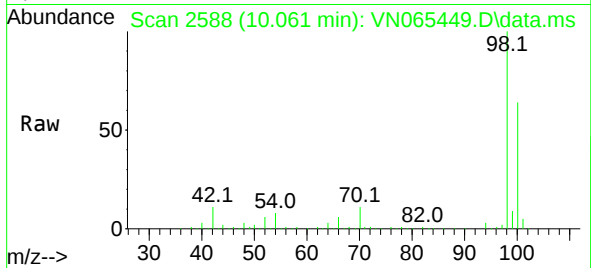




#50
Toluene-d8
Concen: 54.79 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28

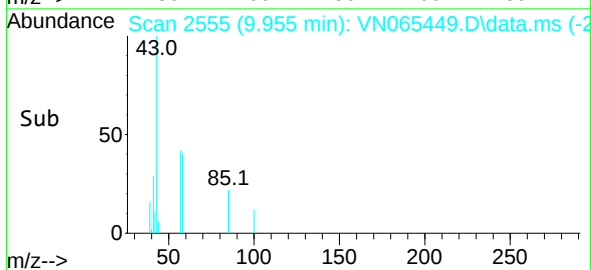
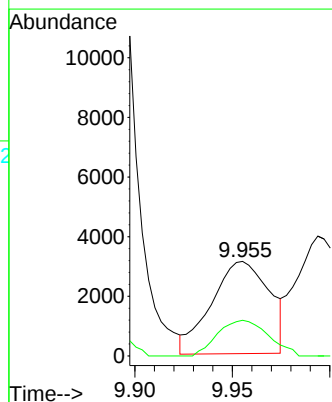
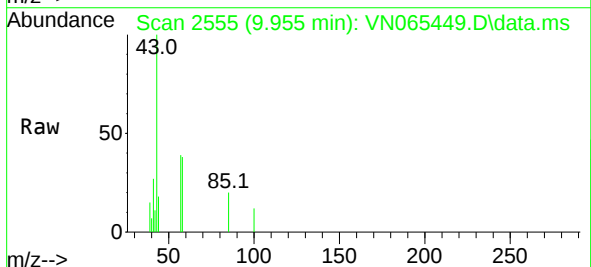
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#01

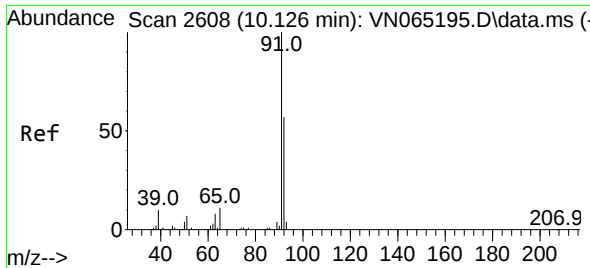
Tgt Ion: 98 Resp: 602796
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.51 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28

Tgt Ion: 43 Resp: 6396
Ion Ratio Lower Upper
43 100
58 34.0 32.4 48.6

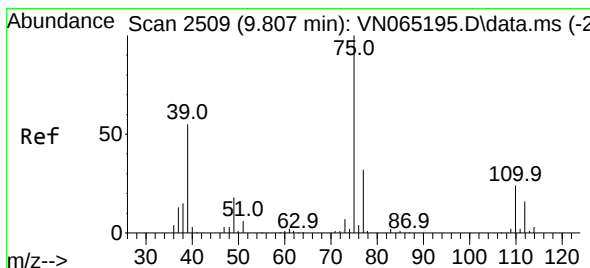
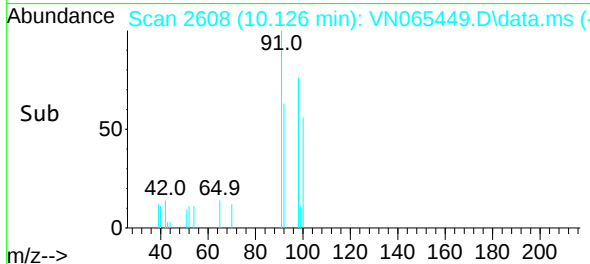
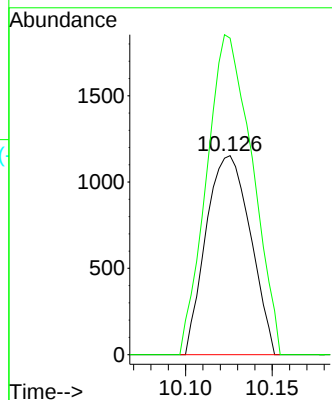
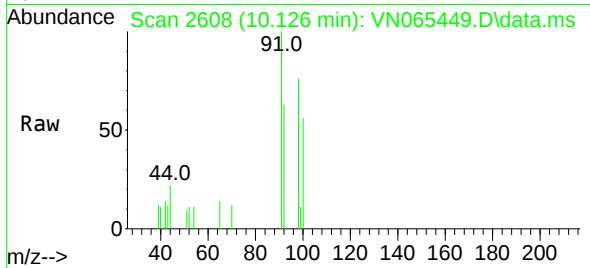




#52
Toluene
Concen: 0.25 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.000 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28

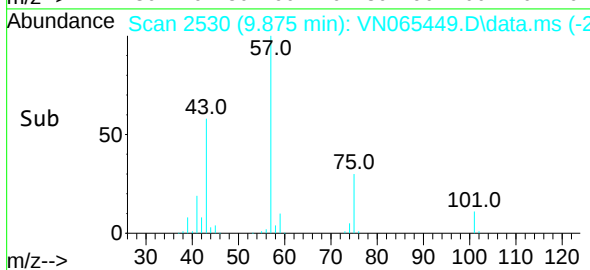
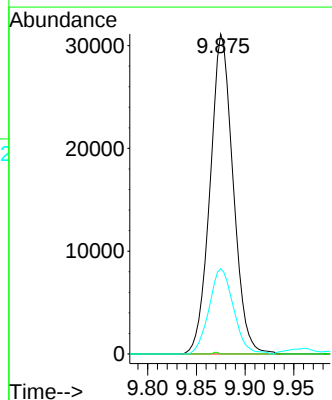
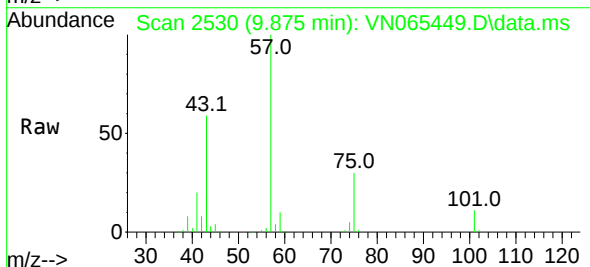
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#01

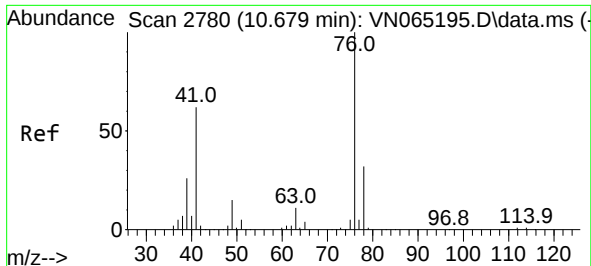
Tgt Ion: 92 Resp: 2050
Ion Ratio Lower Upper
92 100
91 165.4 139.1 208.7



#54
cis-1,3-Dichloropropene
Concen: 8.73 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.068 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28

Tgt Ion: 75 Resp: 51209
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 26.7 35.6 53.4#

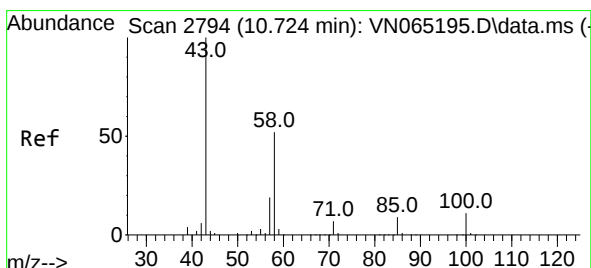
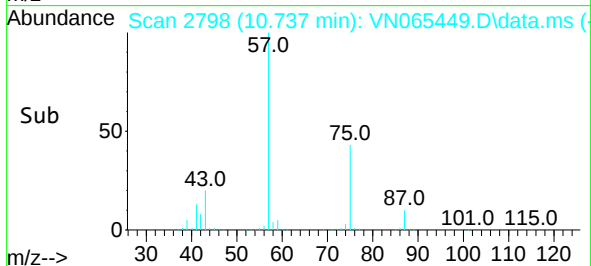
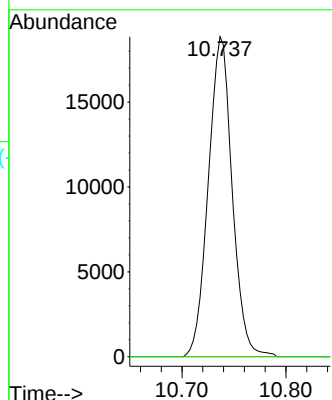
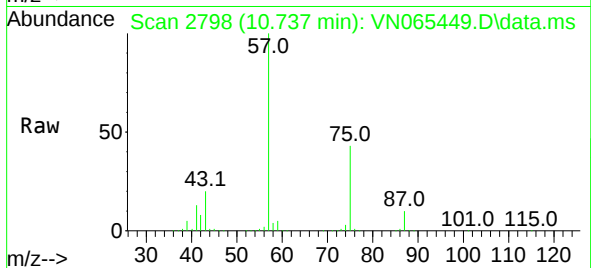




#57
1,3-Dichloropropane
Concen: 5.55 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.058 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28

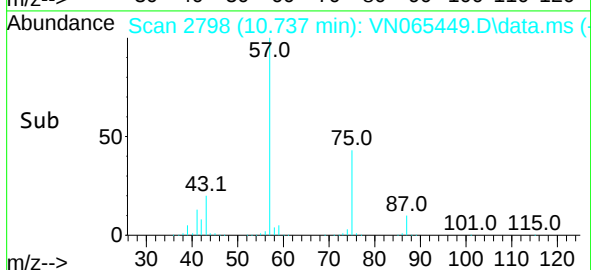
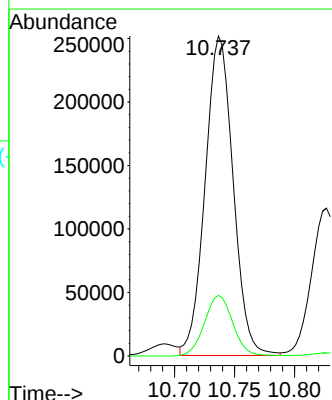
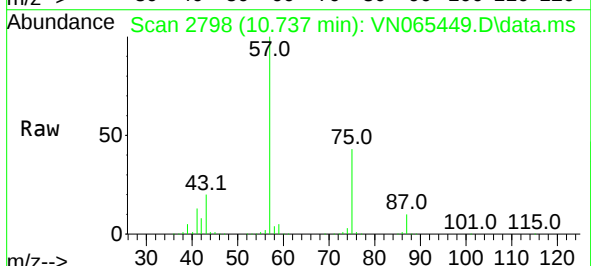
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#01

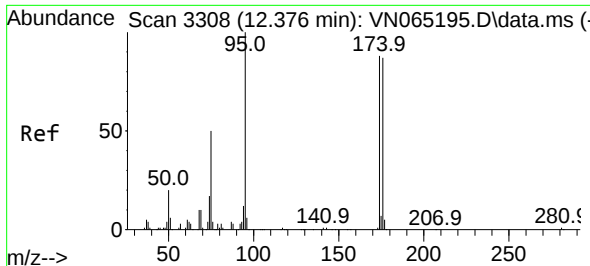
Tgt Ion: 76 Resp: 30072
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 130.75 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.013 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28

Tgt Ion: 43 Resp: 408465
Ion Ratio Lower Upper
43 100
58 19.2 28.3 84.9#

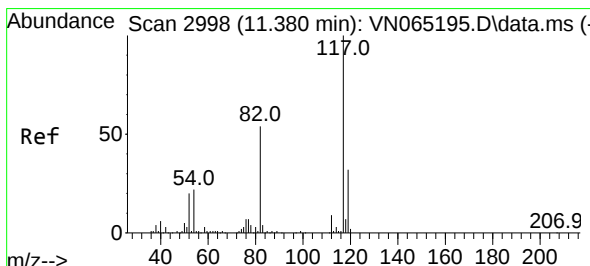
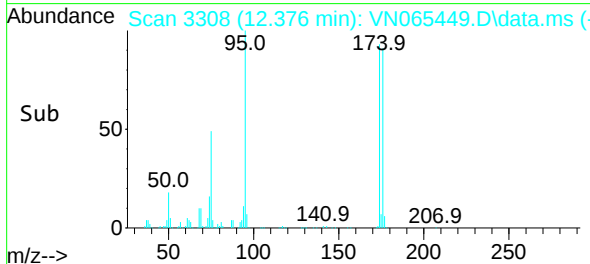
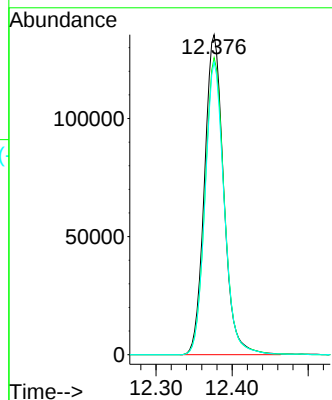
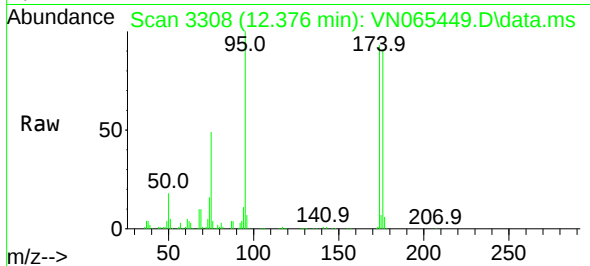




#62
4-Bromofluorobenzene
Concen: 54.17 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28

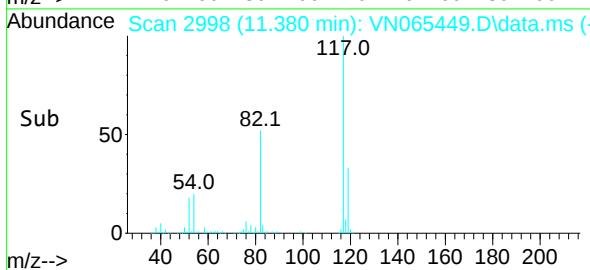
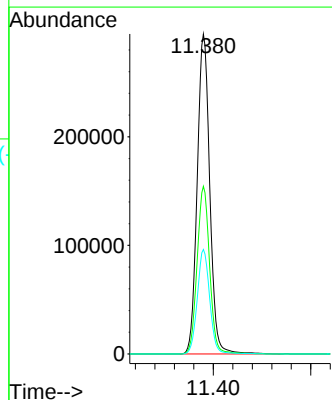
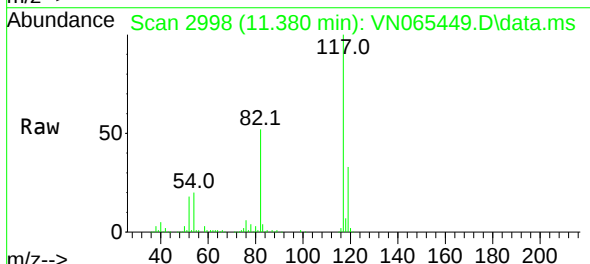
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#01

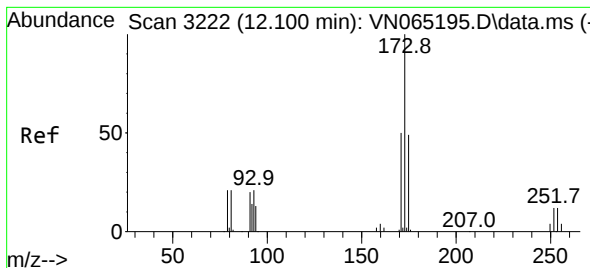
Tgt Ion: 95 Resp: 237783
Ion Ratio Lower Upper
95 100
174 93.1 0.0 160.4
176 91.0 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28

Tgt Ion: 117 Resp: 526321
Ion Ratio Lower Upper
117 100
82 52.4 44.2 66.2
119 32.7 25.8 38.6





#71

Bromoform

Concen: 0.40 ug/l

RT: 12.376 min Scan# 3308

Delta R.T. 0.276 min

Lab File: VN065449.D

Acq: 8 Jan 2021 17:28

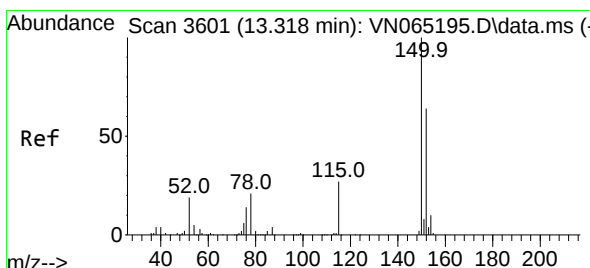
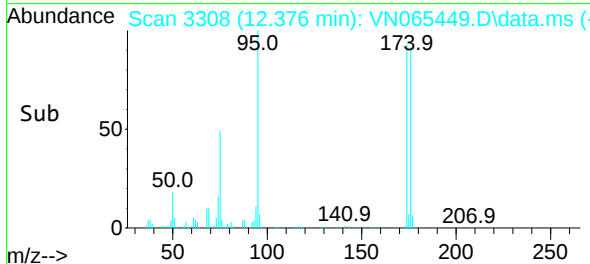
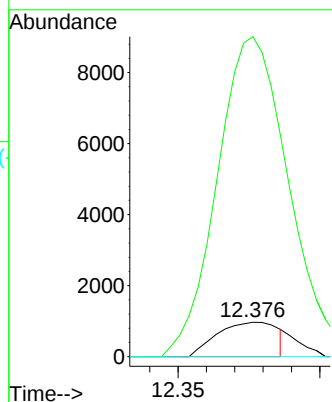
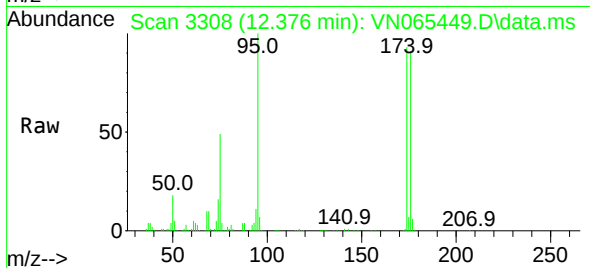
Tgt Ion:173 Resp: 1440

Ion Ratio Lower Upper

173 100

175 898.3 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: VN065449.D

Acq: 8 Jan 2021 17:28

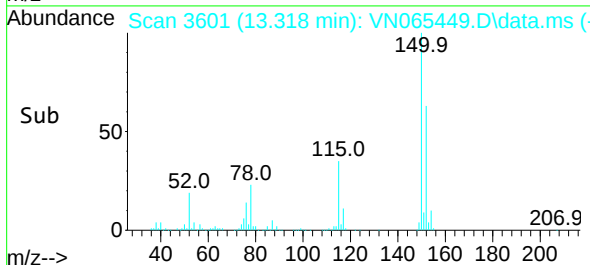
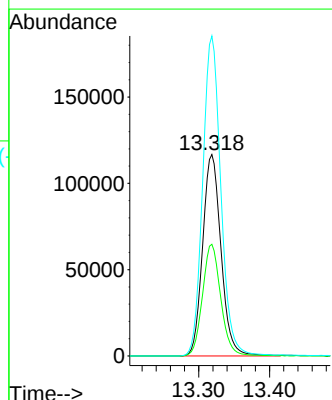
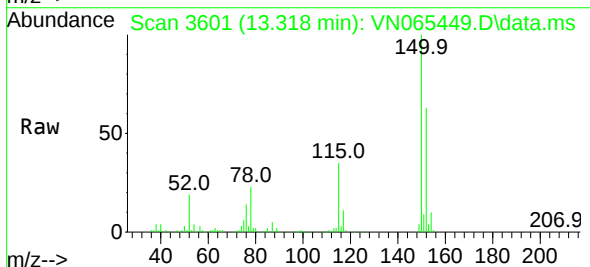
Tgt Ion:152 Resp: 210529

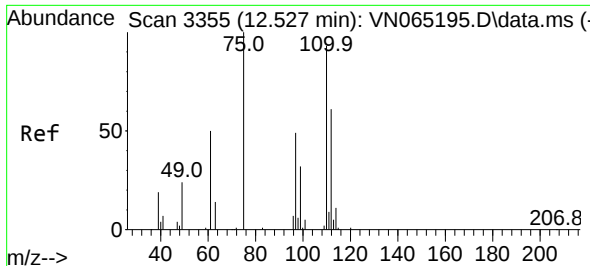
Ion Ratio Lower Upper

152 100

115 55.1 29.7 89.1

150 156.8 0.0 350.6

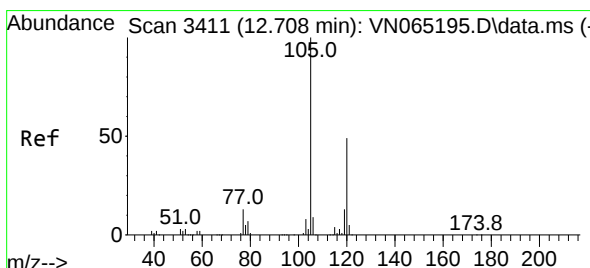
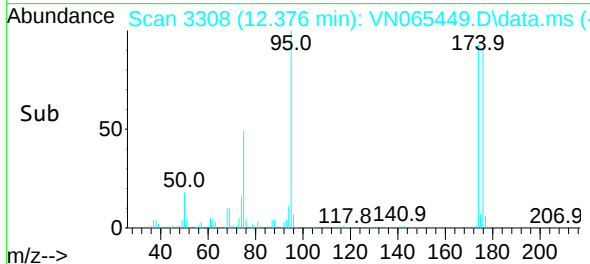
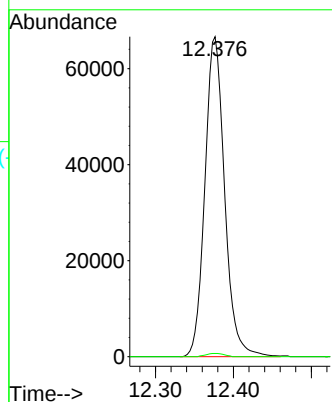
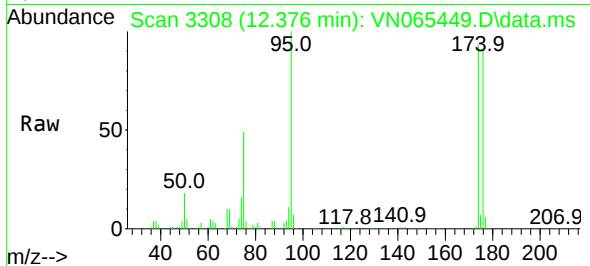




#76
1,2,3-Trichloropropane
Concen: 27.28 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28

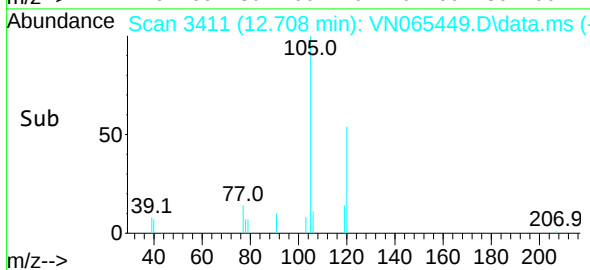
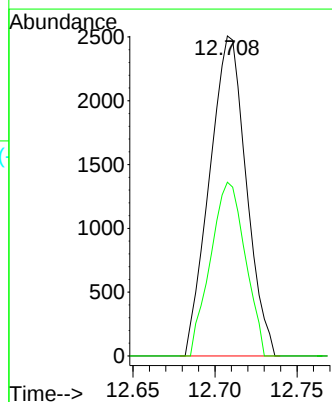
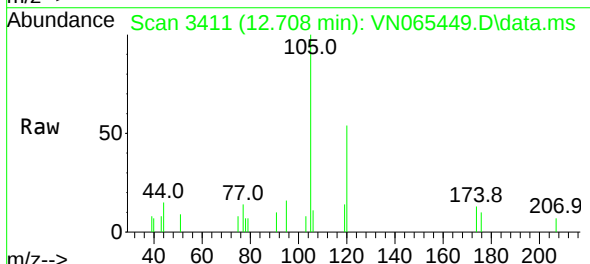
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#01

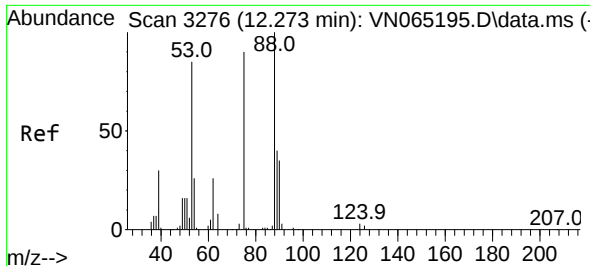
Tgt Ion: 75 Resp: 117186
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.28 ug/l
RT: 12.708 min Scan# 3411
Delta R.T. -0.000 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28

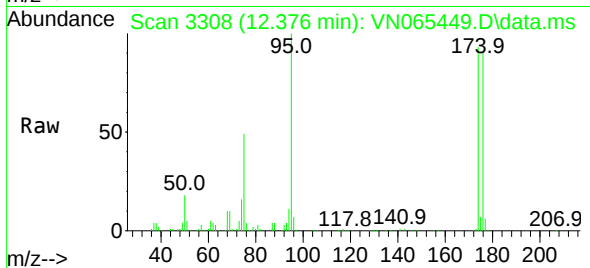
Tgt Ion: 105 Resp: 3891
Ion Ratio Lower Upper
105 100
120 51.4 24.6 73.6



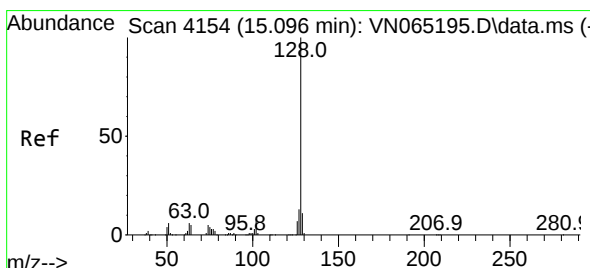
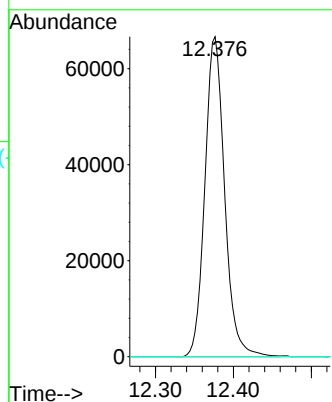
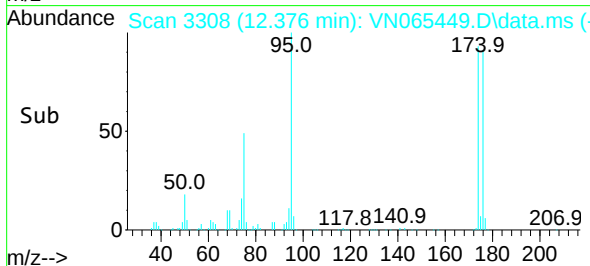


#81
trans-1,4-Dichloro-2-butene
Concen: 68.80 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28

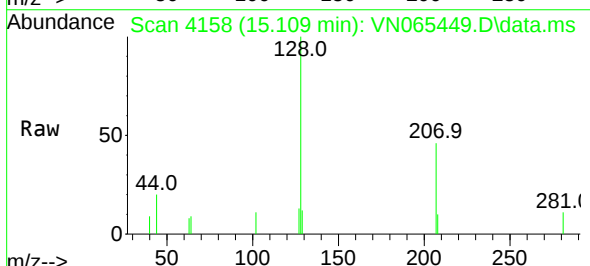
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#01



Tgt Ion: 75 Resp: 117186
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#95
Naphthalene
Concen: 3.73 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.013 min
Lab File: VN065449.D
Acq: 8 Jan 2021 17:28



Tgt Ion: 128 Resp: 4181
Ion Ratio Lower Upper
128 100
127 9.5 10.3 15.5#
129 7.5 8.7 13.1#

