

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010821\
 Data File : VN065456.D
 Acq On : 8 Jan 2021 20:21
 Operator : JC/MD
 Sample : PB133969ZHE#08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133969ZHE#08

Quant Time: Jan 08 22:51:51 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)

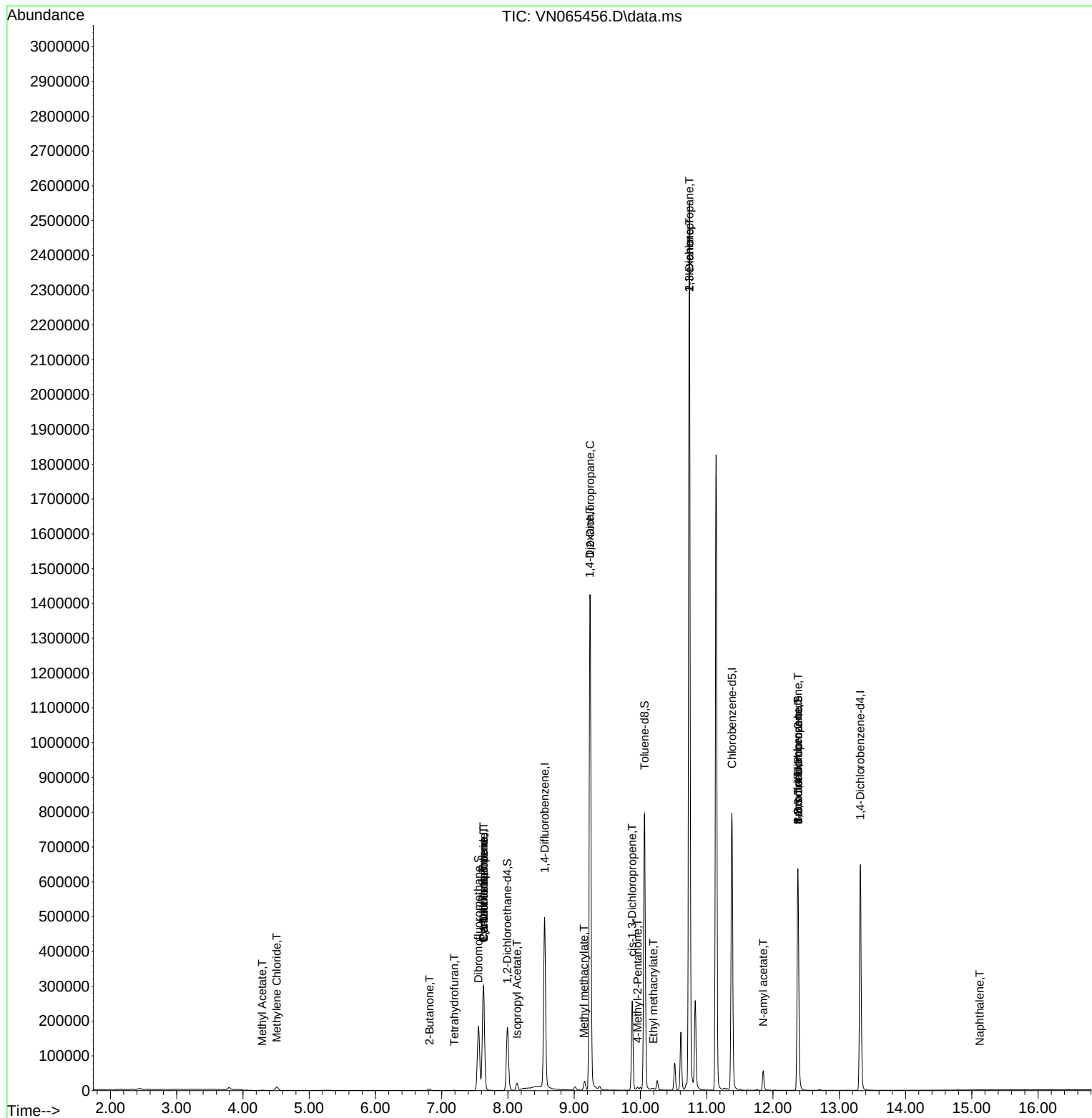
Internal Standards						
1) Pentafluorobenzene	7.631	168	274700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	464157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	500772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	200807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	158056	50.97	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.94%			
35) Dibromofluoromethane	7.553	113	141957	50.69	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.38%			
50) Toluene-d8	10.061	98	578455	55.12	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.24%			
62) 4-Bromofluorobenzene	12.376	95	224028	53.57	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.14%			
Target Compounds					Qvalue	
16) Acetone	3.792	43	8939	Below Cal	#	83
18) Methyl Acetate	4.290	43	1004	0.36	ug/l #	50
20) Methylene Chloride	4.512	84	8472	2.80	ug/l	95
25) 2-Butanone	6.817	43	1822	1.05	ug/l	97
29) Tetrahydrofuran	7.190	42	1084	0.96	ug/l #	50
31) Cyclohexane	7.627	56	4557	1.00	ug/l #	10
36) 1,1-Dichloropropene	7.631	75	17330	4.11	ug/l #	49
38) Carbon Tetrachloride	7.631	117	23573	5.32	ug/l #	16
43) Isopropyl Acetate	8.135	43	25670	3.56	ug/l	97
45) 1,2-Dichloropropane	9.241	63	1690	0.52	ug/l #	43
48) Methyl methacrylate	9.148	41	6020	1.72	ug/l #	12
49) 1,4-Dioxane	9.235	88	66	1.16	ug/l #	1
51) 4-Methyl-2-Pentanone	9.955	43	6016	1.48	ug/l	89
54) cis-1,3-Dichloropropene	9.875	75	48966	8.75	ug/l #	60
56) Ethyl methacrylate	10.196	69	3318	0.68	ug/l #	81
57) 1,3-Dichloropropane	10.737	76	27217	5.27	ug/l #	42
59) 2-Hexanone	10.737	43	367278	123.25	ug/l #	49
71) Bromoform	12.376	173	1380	0.40	ug/l #	1
74) N-amyl acetate	11.852	43	17921	2.94	ug/l #	50
76) 1,2,3-Trichloropropane	12.376	75	109419	26.71	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	109419	67.35	ug/l #	15
95) Naphthalene	15.119	128	622	3.43	ug/l #	69

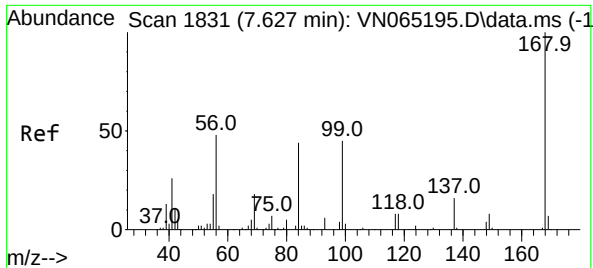
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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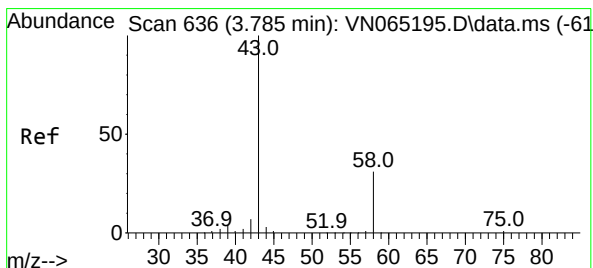
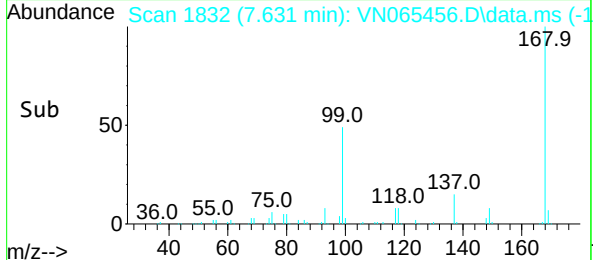
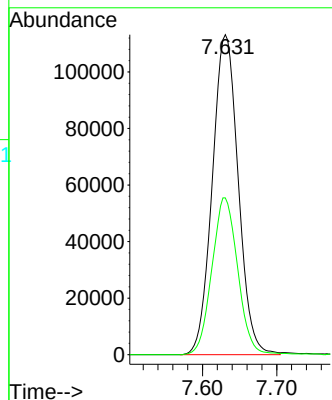
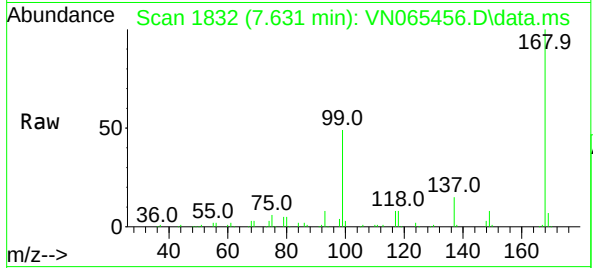




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

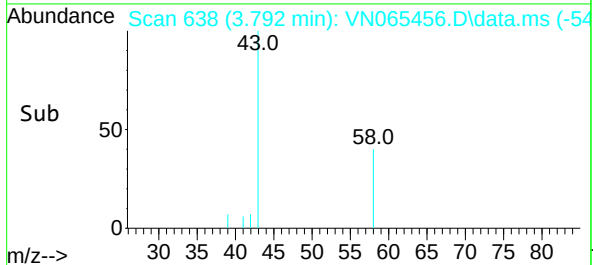
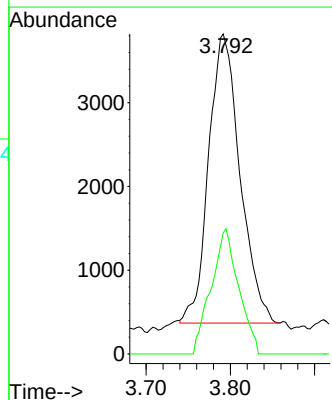
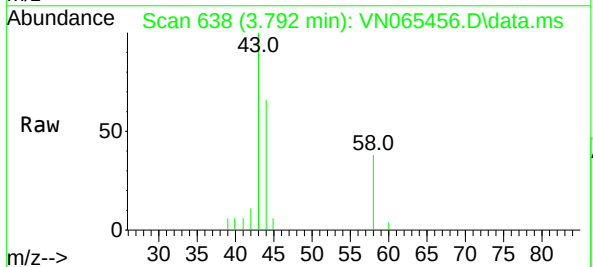
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#08

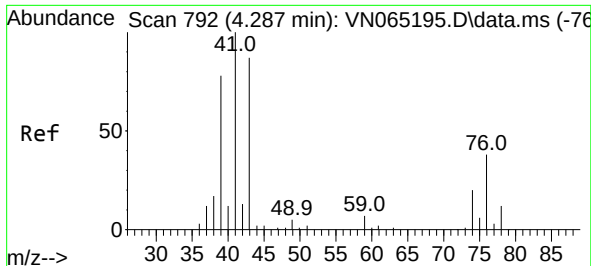
Tgt Ion:168 Resp: 274700
Ion Ratio Lower Upper
168 100
99 49.0 43.0 64.4



#16
Acetone
Concen: Below Cal
RT: 3.792 min Scan# 638
Delta R.T. 0.007 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

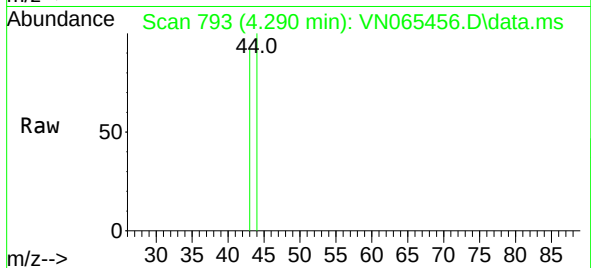
Tgt Ion: 43 Resp: 8939
Ion Ratio Lower Upper
43 100
58 41.8 25.7 38.5#



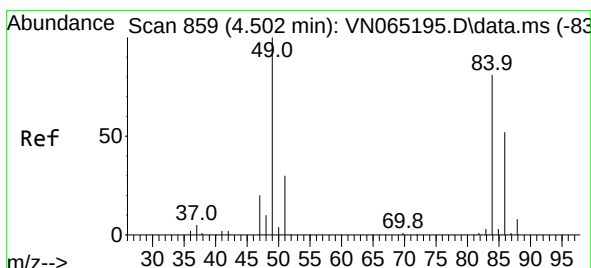
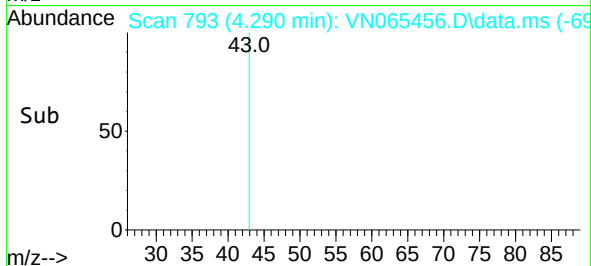
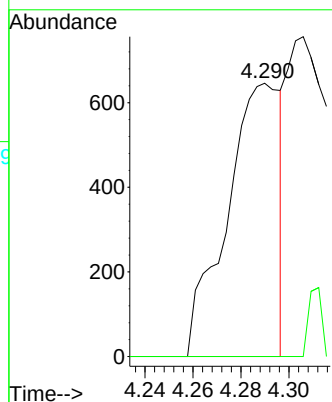


#18
Methyl Acetate
Concen: 0.36 ug/l
RT: 4.290 min Scan# 793
Delta R.T. 0.003 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

Instrument :
MSVOA_N
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PB133969ZHE#08

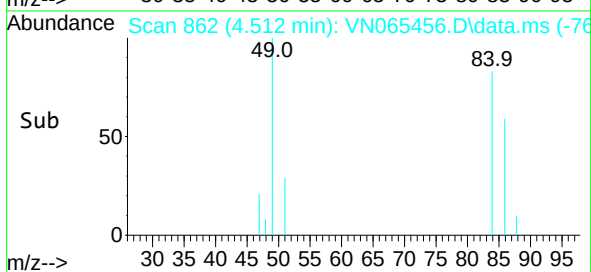
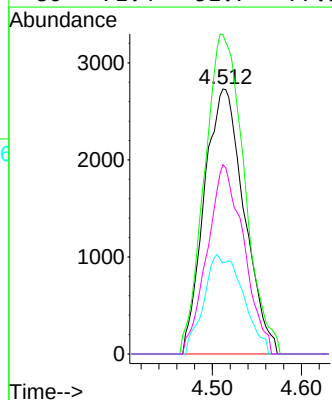
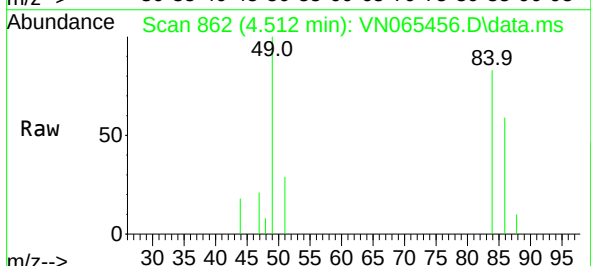


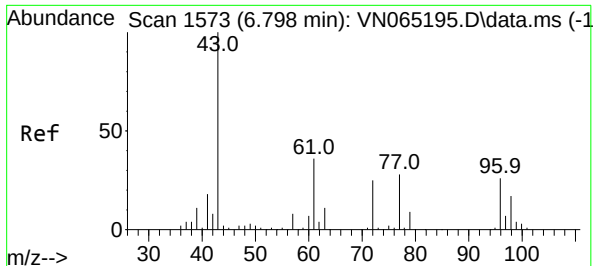
Tgt Ion: 43 Resp: 1004
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 2.80 ug/l
RT: 4.512 min Scan# 862
Delta R.T. 0.010 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

Tgt Ion: 84 Resp: 8472
Ion Ratio Lower Upper
84 100
49 120.5 93.4 140.0
51 34.3 28.2 42.4
86 71.4 51.7 77.5





#25

2-Butanone

Concen: 1.05 ug/l

RT: 6.817 min Scan# 1579

Delta R.T. 0.019 min

Lab File: VN065456.D

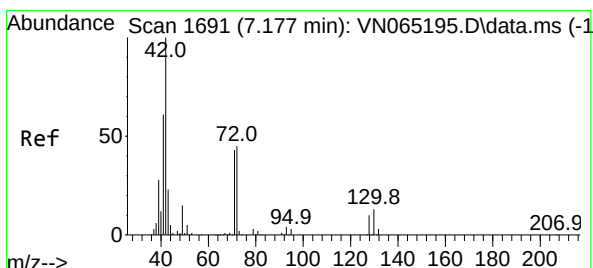
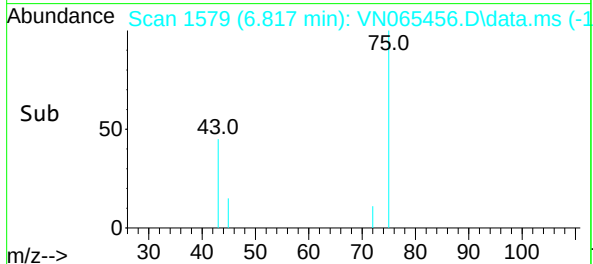
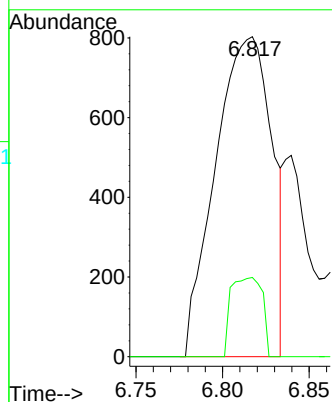
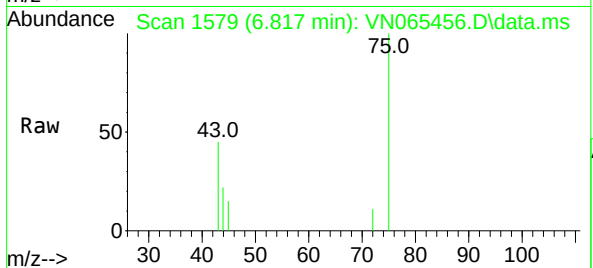
Acq: 8 Jan 2021 20:21

Tgt Ion: 43 Resp: 1822

Ion Ratio Lower Upper

43 100

72 24.8 21.0 31.6



#29

Tetrahydrofuran

Concen: 0.96 ug/l

RT: 7.190 min Scan# 1695

Delta R.T. 0.013 min

Lab File: VN065456.D

Acq: 8 Jan 2021 20:21

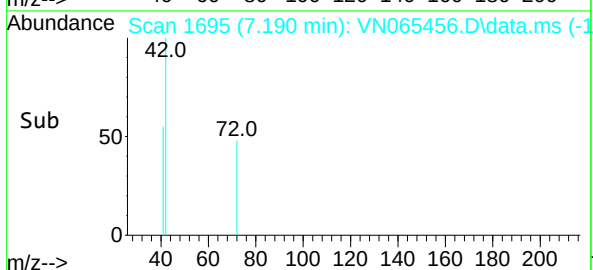
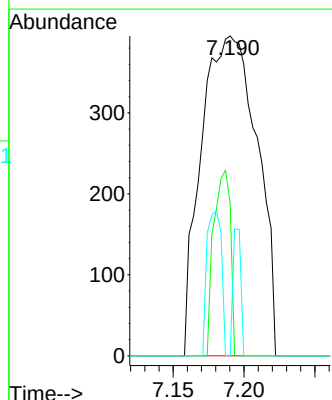
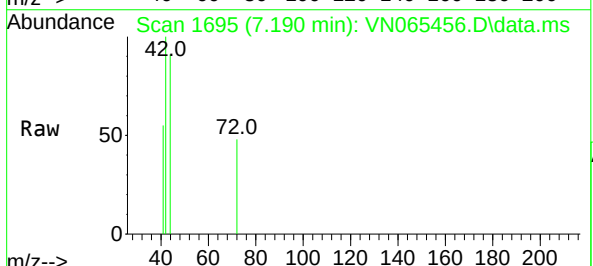
Tgt Ion: 42 Resp: 1084

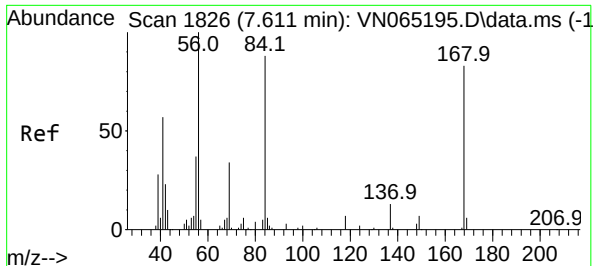
Ion Ratio Lower Upper

42 100

72 17.3 36.6 54.8#

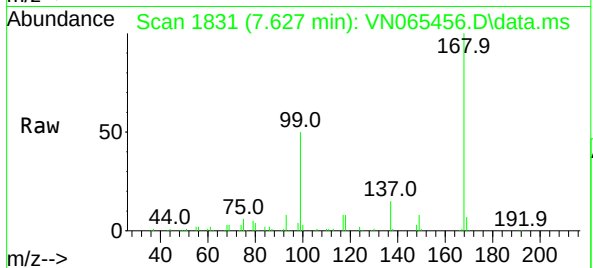
71 5.5 33.6 50.4#



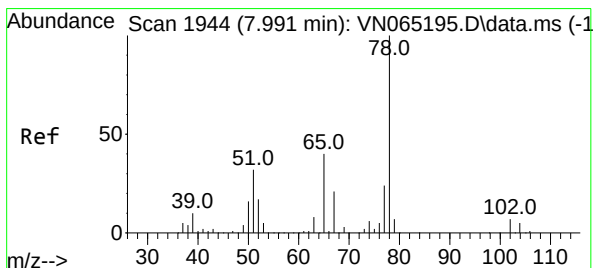
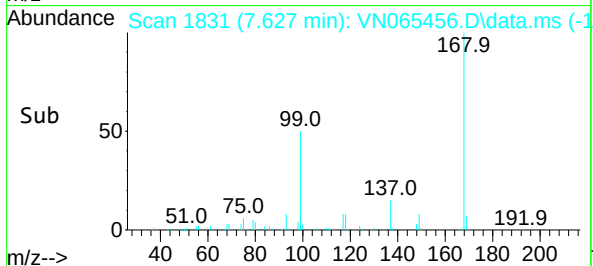
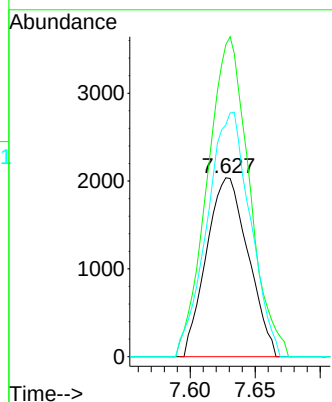


#31
Cyclohexane
Concen: 1.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

Instrument :
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PB133969ZHE#08

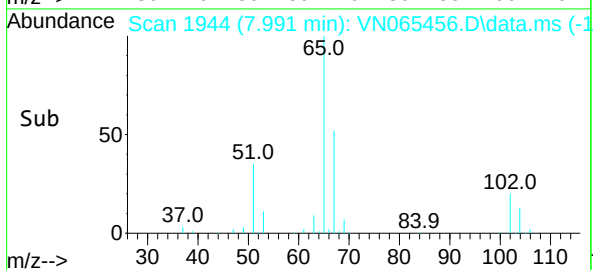
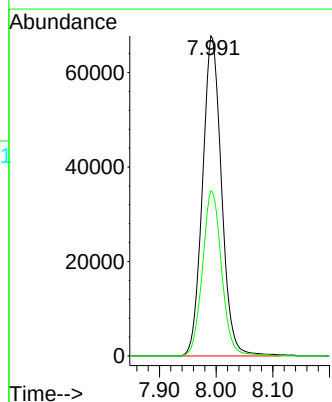
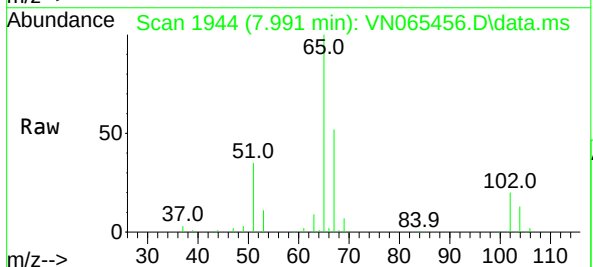


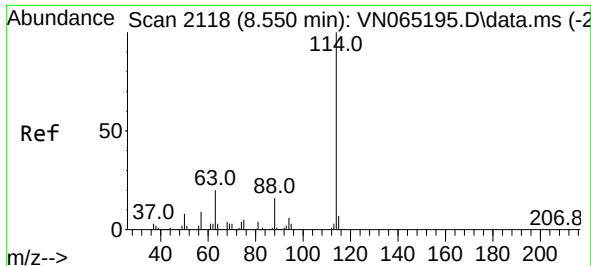
Tgt Ion: 56 Resp: 4557
Ion Ratio Lower Upper
56 100
69 165.9 27.5 41.3#
84 129.7 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 50.97 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

Tgt Ion: 65 Resp: 158056
Ion Ratio Lower Upper
65 100
67 51.9 0.0 108.2

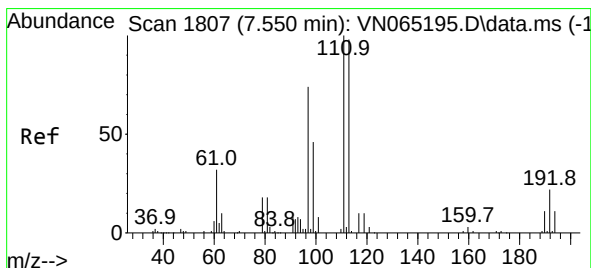
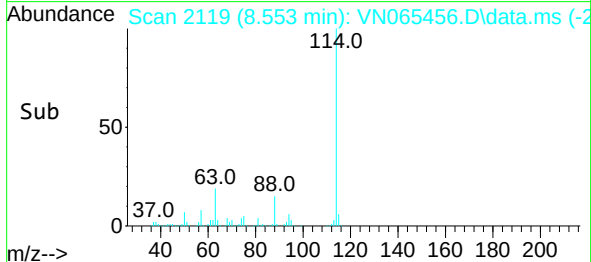
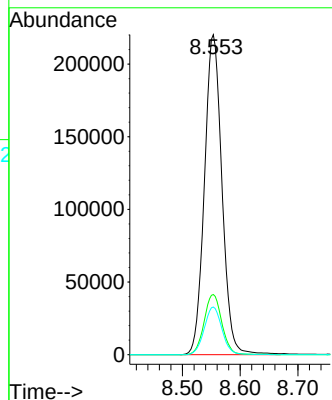
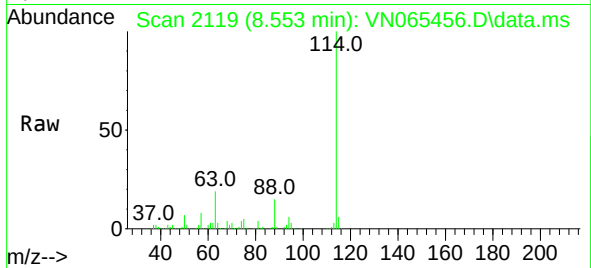




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

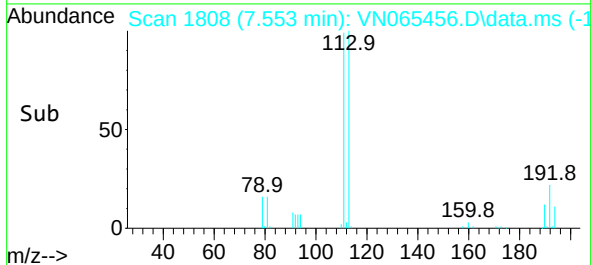
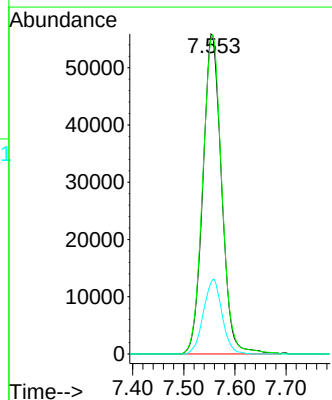
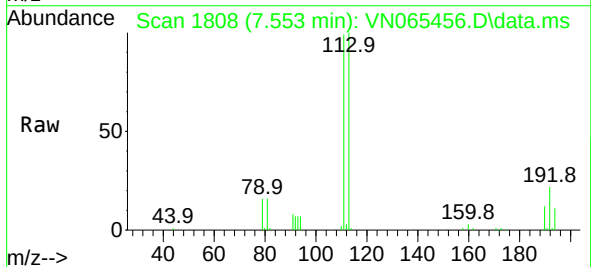
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#08

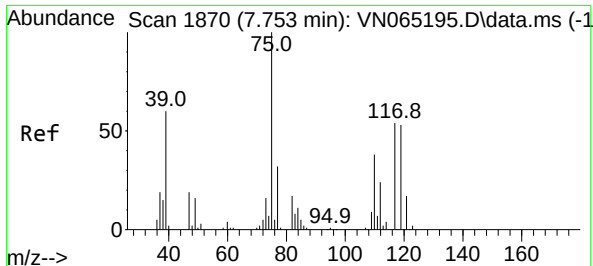
Tgt Ion:114 Resp: 464157
Ion Ratio Lower Upper
114 100
63 18.8 0.0 38.6
88 14.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.69 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

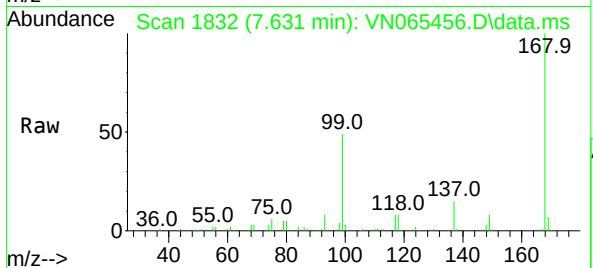
Tgt Ion:113 Resp: 141957
Ion Ratio Lower Upper
113 100
111 101.7 81.6 122.4
192 23.2 16.2 24.2



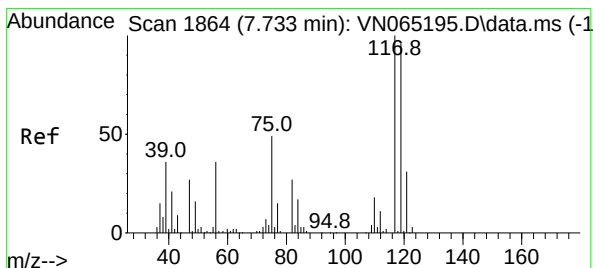
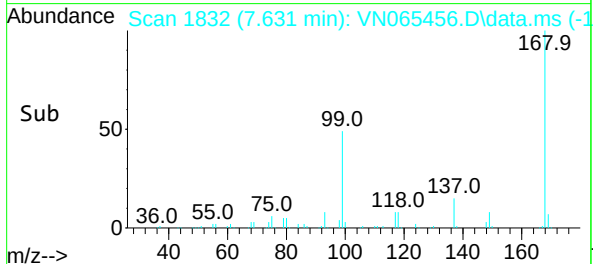
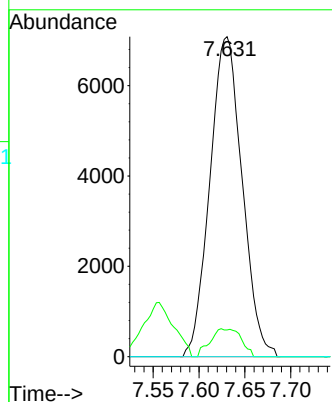


#36
1,1-Dichloropropene
Concen: 4.11 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.122 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

Instrument :
MSVOA_N
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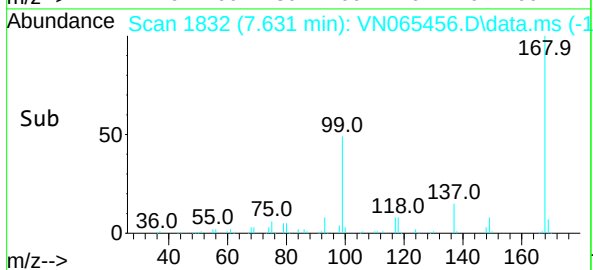
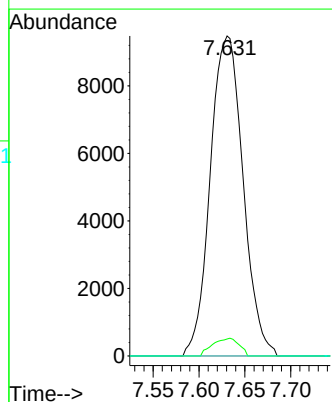
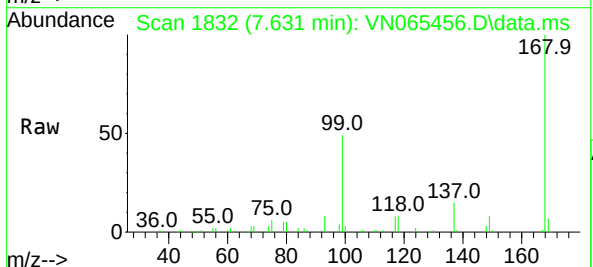


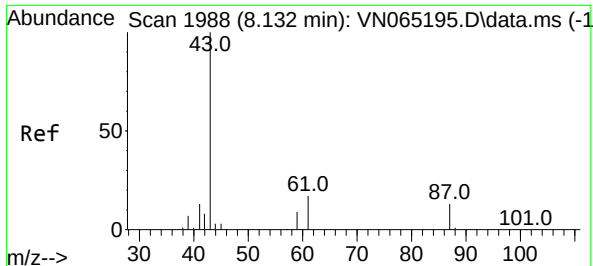
Tgt Ion: 75 Resp: 17330
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.32 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.102 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

Tgt Ion: 117 Resp: 23573
Ion Ratio Lower Upper
117 100
119 5.3 76.7 115.1#
121 0.0 25.4 38.2#

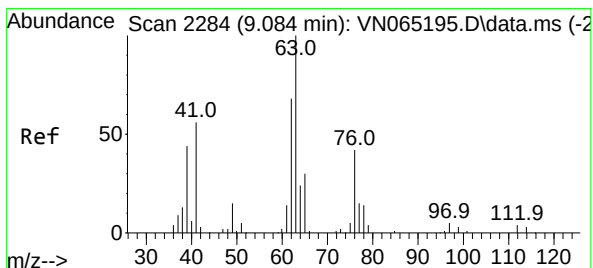
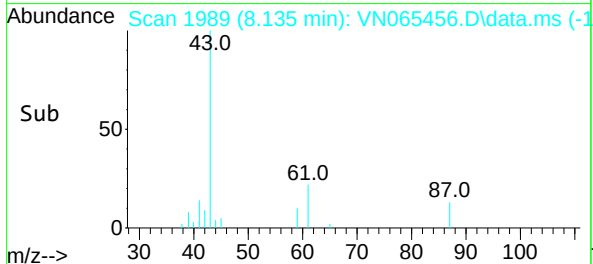
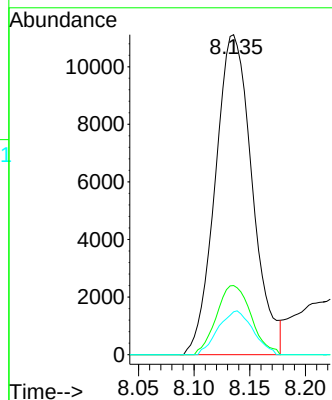
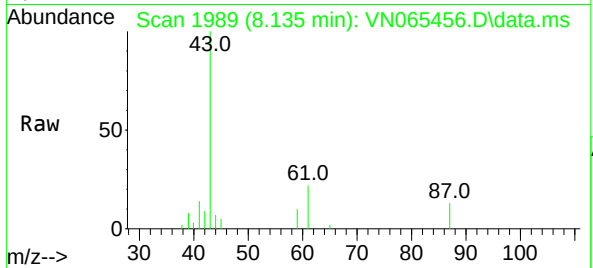




#43
Isopropyl Acetate
Concen: 3.56 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

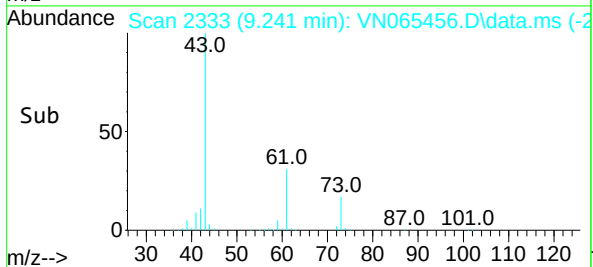
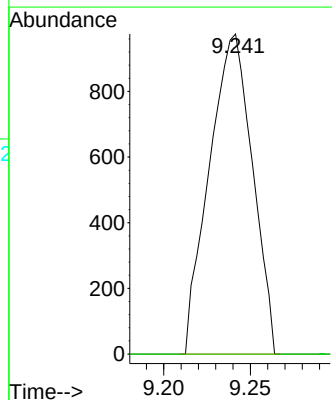
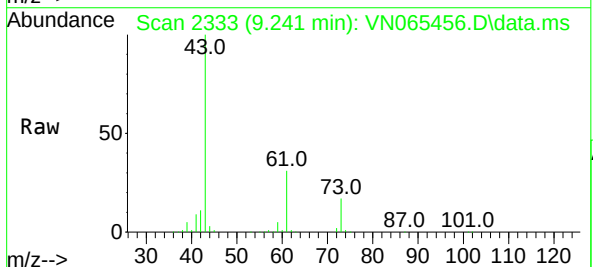
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#08

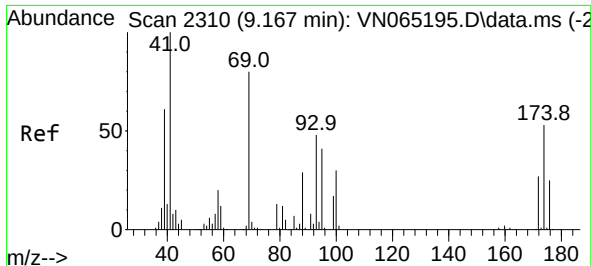
Tgt Ion: 43 Resp: 25670
Ion Ratio Lower Upper
43 100
61 20.3 17.2 25.8
87 12.8 11.4 17.0



#45
1,2-Dichloropropane
Concen: 0.52 ug/l
RT: 9.241 min Scan# 2333
Delta R.T. 0.157 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

Tgt Ion: 63 Resp: 1690
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.4#

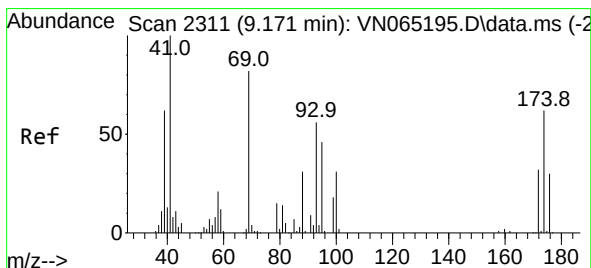
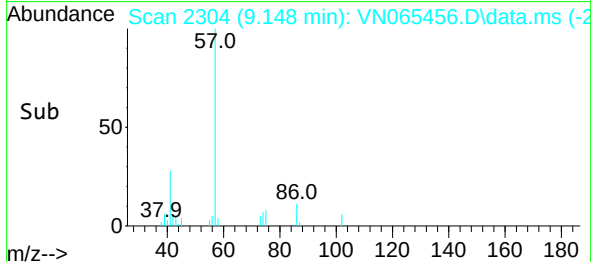
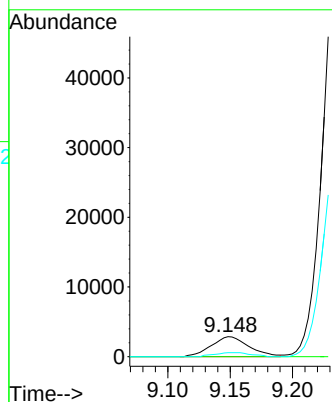
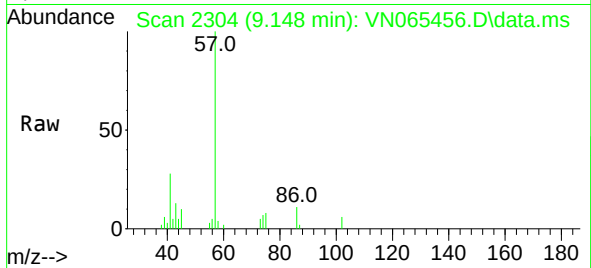




#48
Methyl methacrylate
Concen: 1.72 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

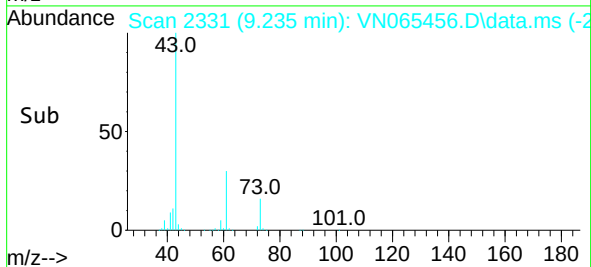
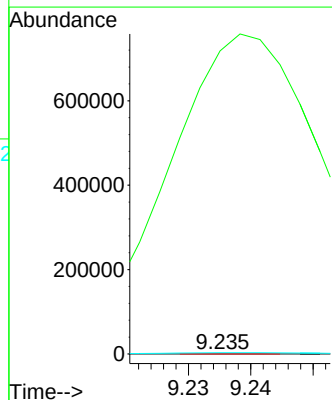
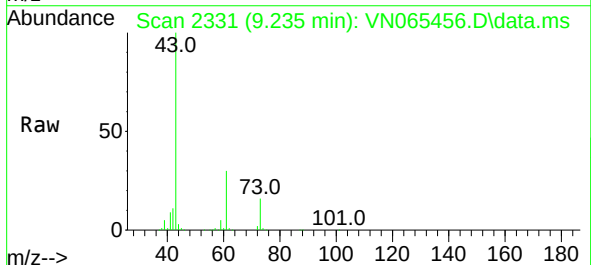
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#08

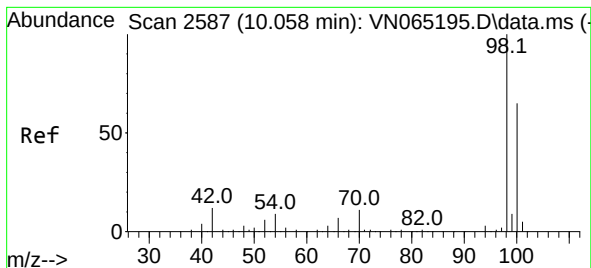
Tgt Ion: 41 Resp: 6020
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#



#49
1,4-Dioxane
Concen: 1.16 ug/l
RT: 9.235 min Scan# 2331
Delta R.T. 0.064 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

Tgt Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 2150354.5 24.2 36.4#
58 8622.7 52.5 78.7#

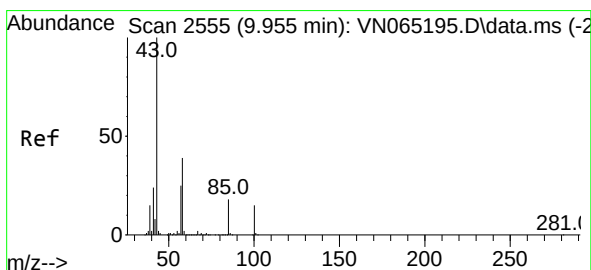
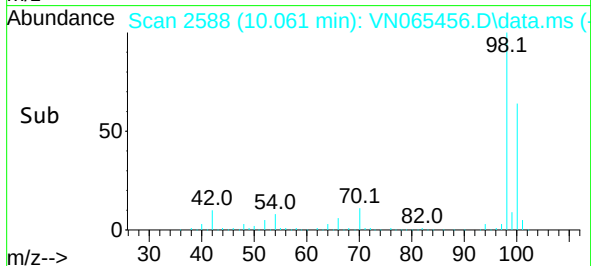
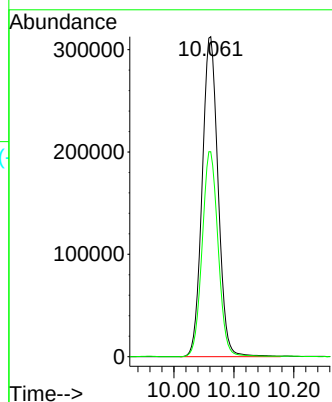
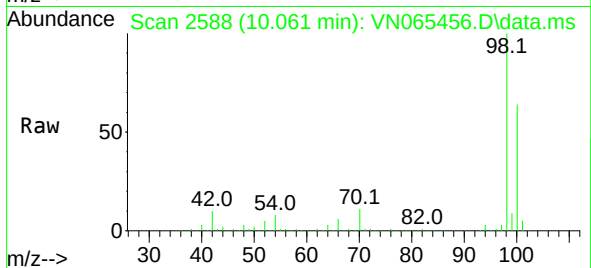




#50
Toluene-d8
Concen: 55.12 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

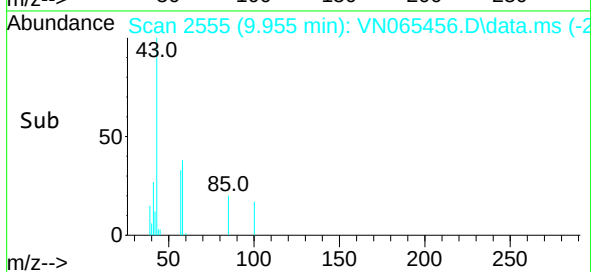
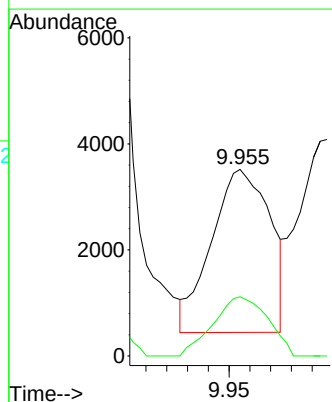
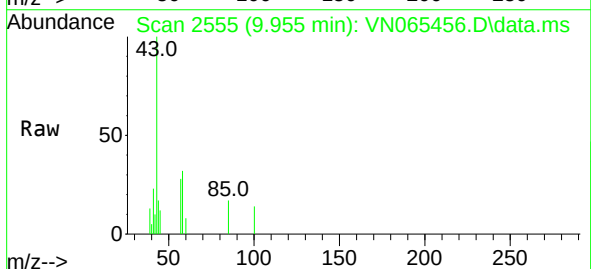
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#08

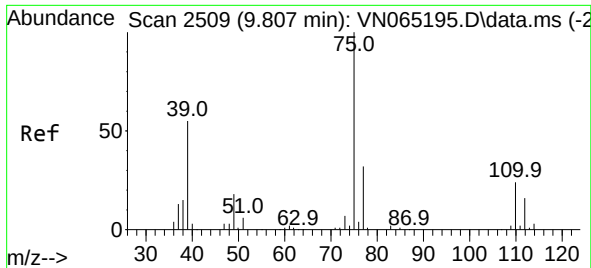
Tgt Ion: 98 Resp: 578455
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.48 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

Tgt Ion: 43 Resp: 6016
Ion Ratio Lower Upper
43 100
58 34.0 32.4 48.6

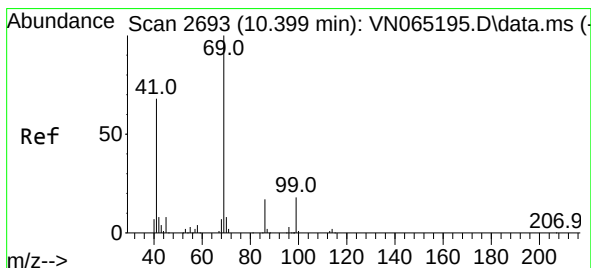
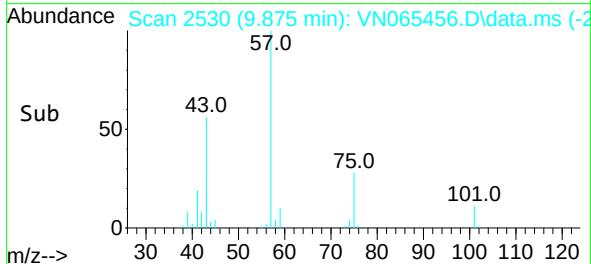
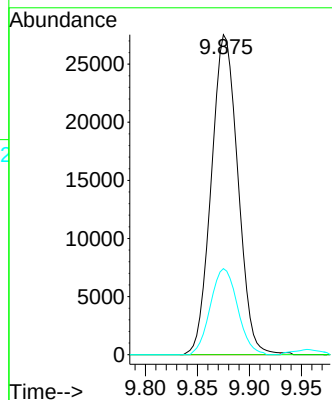
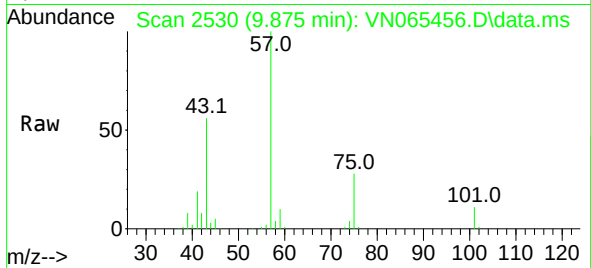




#54
cis-1,3-Dichloropropene
Concen: 8.75 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.068 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

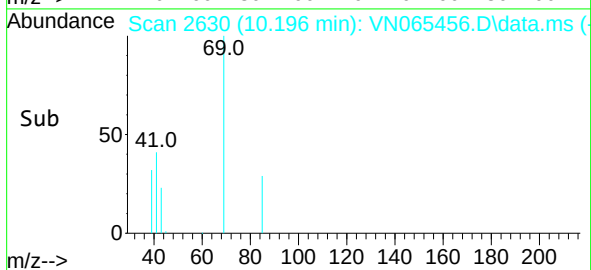
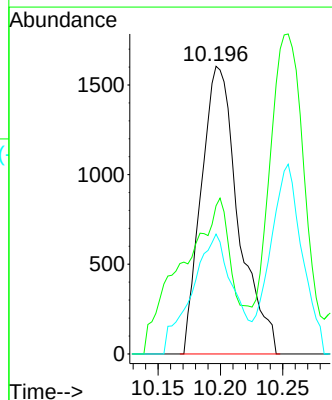
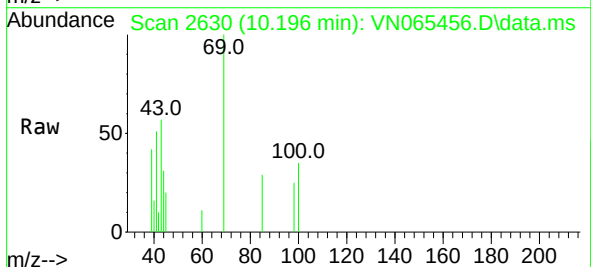
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#08

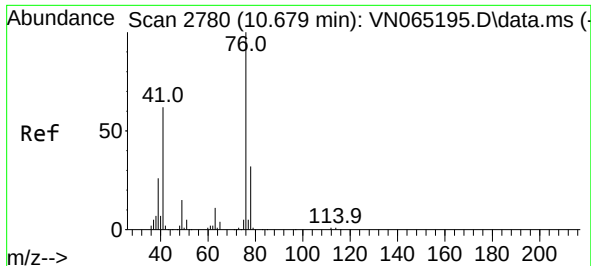
Tgt Ion: 75 Resp: 48966
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 26.9 35.6 53.4#



#56
Ethyl methacrylate
Concen: 0.68 ug/l
RT: 10.196 min Scan# 2630
Delta R.T. -0.203 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

Tgt Ion: 69 Resp: 3318
Ion Ratio Lower Upper
69 100
41 73.8 49.4 74.0
39 47.1 25.9 38.9#

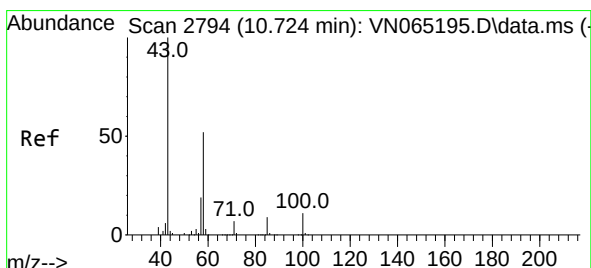
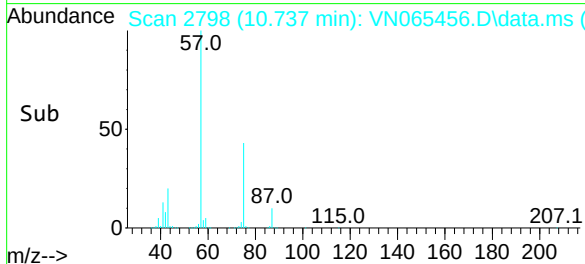
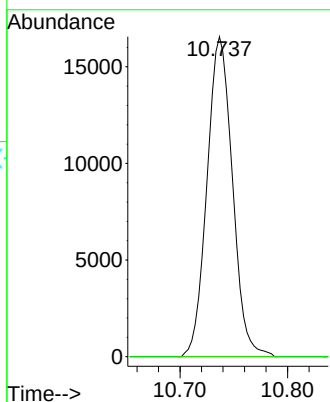
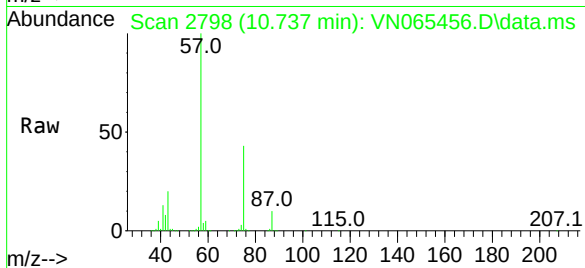




#57
1,3-Dichloropropane
Concen: 5.27 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.058 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

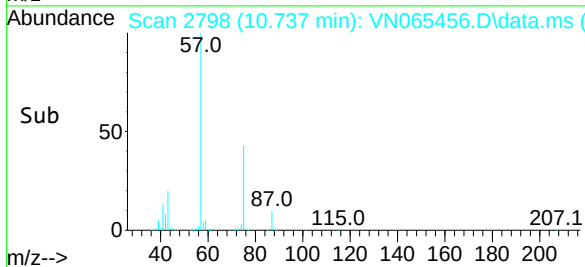
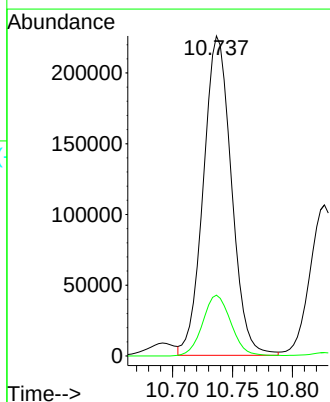
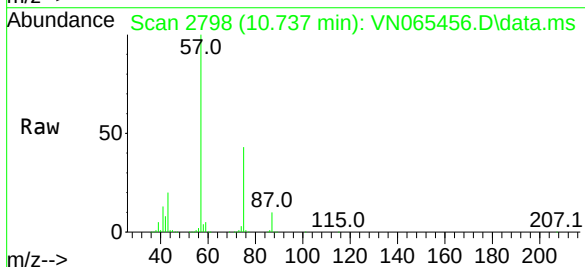
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#08

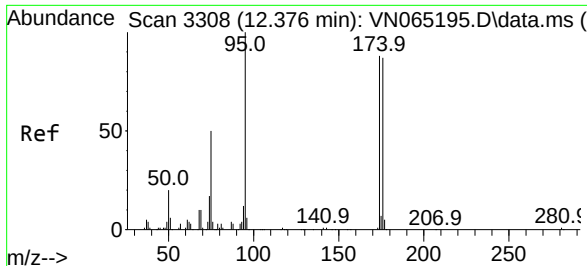
Tgt Ion: 76 Resp: 27217
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 123.25 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.013 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

Tgt Ion: 43 Resp: 367278
Ion Ratio Lower Upper
43 100
58 19.3 28.3 84.9#

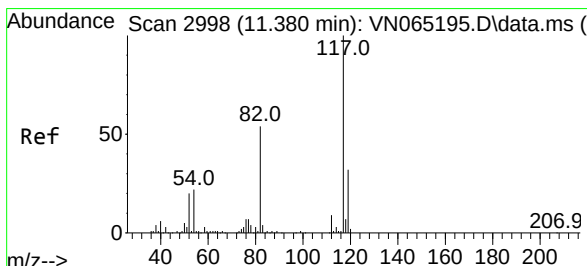
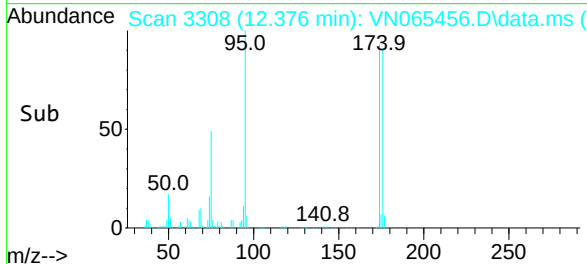
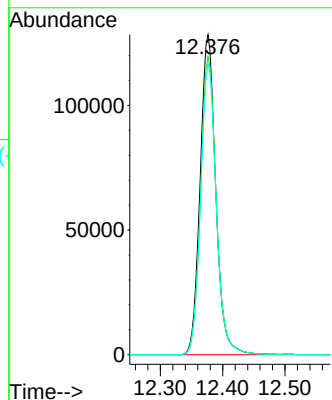
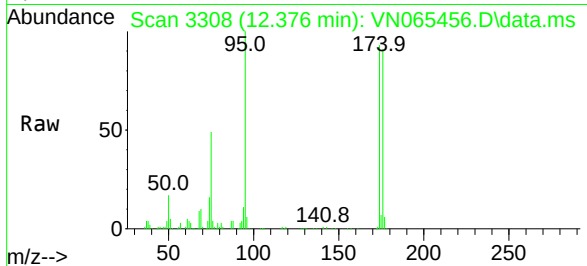




#62
4-Bromofluorobenzene
Concen: 53.57 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

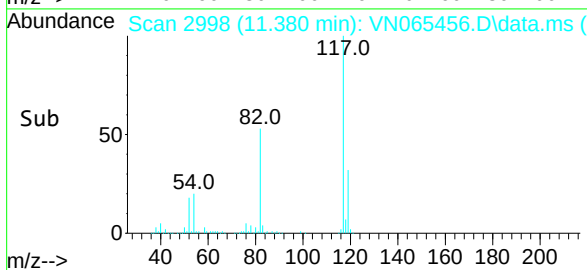
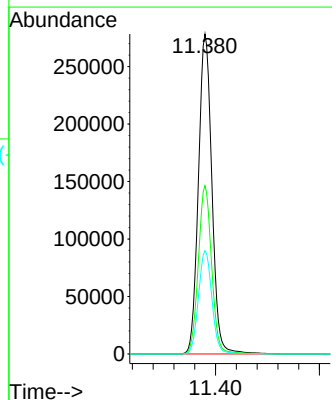
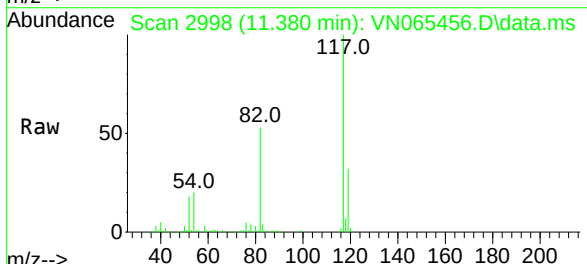
Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#08

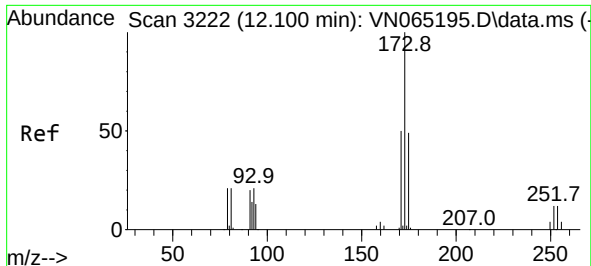
Tgt Ion: 95 Resp: 224028
Ion Ratio Lower Upper
95 100
174 93.5 0.0 160.4
176 90.9 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

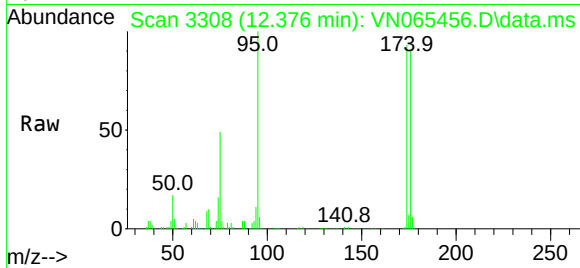
Tgt Ion: 117 Resp: 500772
Ion Ratio Lower Upper
117 100
82 52.6 44.2 66.2
119 32.3 25.8 38.6



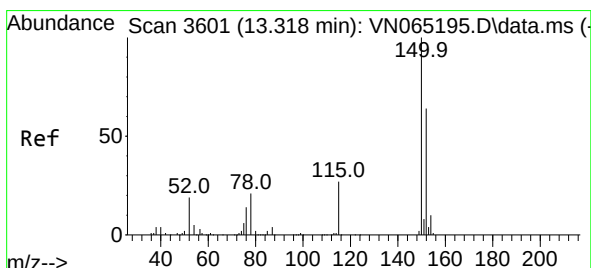
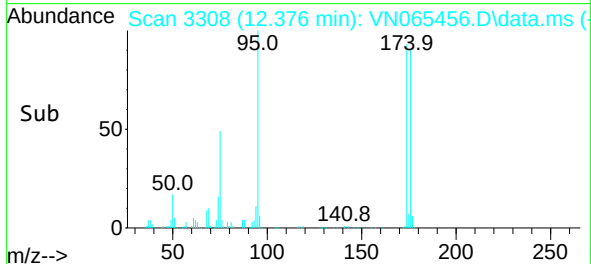
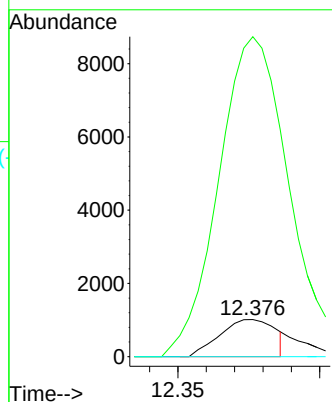


#71
Bromoform
Concen: 0.40 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#08

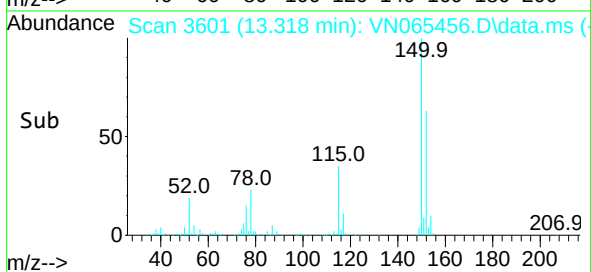
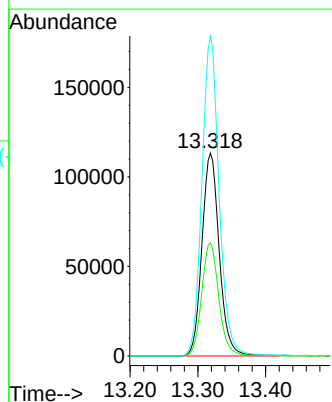
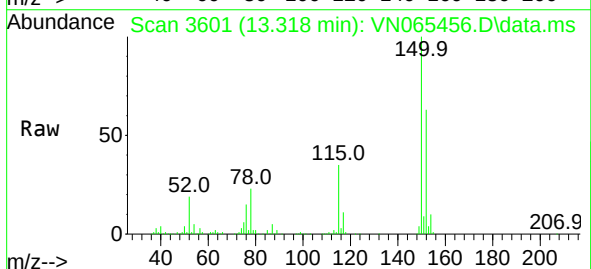


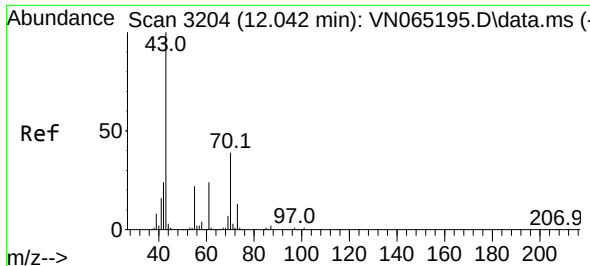
Tgt Ion:173 Resp: 1380
Ion Ratio Lower Upper
173 100
175 894.5 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

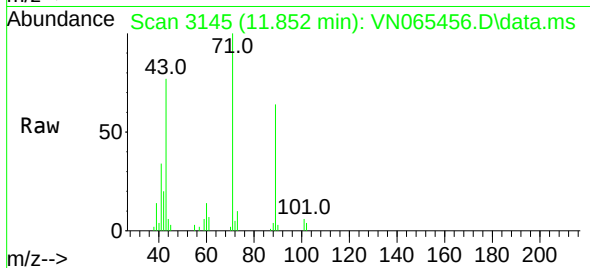
Tgt Ion:152 Resp: 200807
Ion Ratio Lower Upper
152 100
115 55.4 29.7 89.1
150 156.5 0.0 350.6



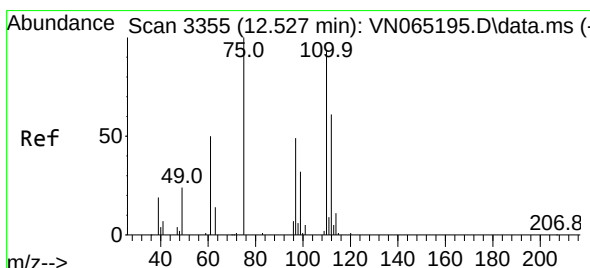
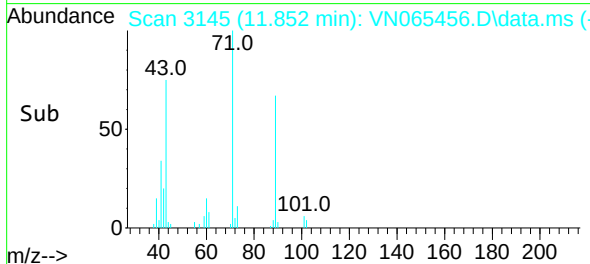
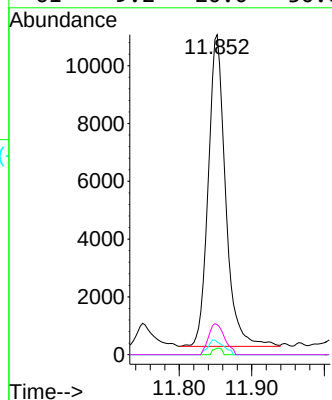


#74
N-amy1 acetate
Concen: 2.94 ug/l
RT: 11.852 min Scan# 3145
Delta R.T. -0.190 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#08

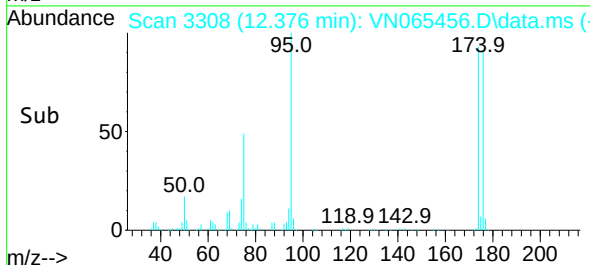
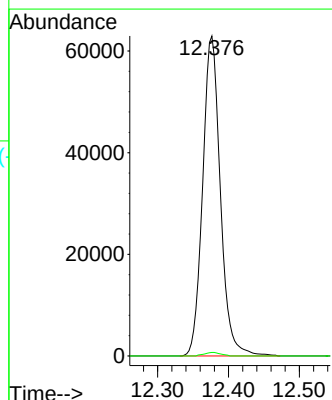
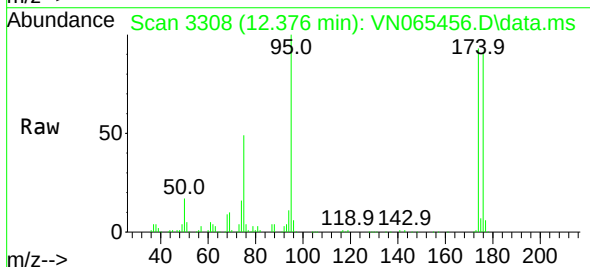


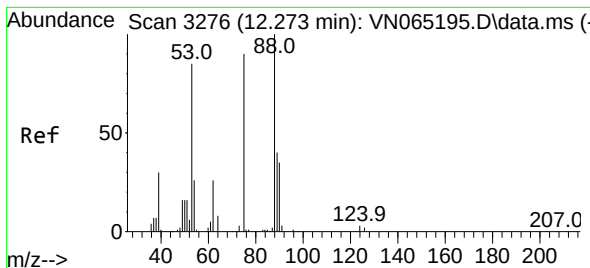
Tgt Ion: 43 Resp: 17921
Ion Ratio Lower Upper
43 100
70 1.1 34.5 51.7#
55 4.3 20.4 30.6#
61 9.2 20.0 30.0#



#76
1,2,3-Trichloropropane
Concen: 26.71 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

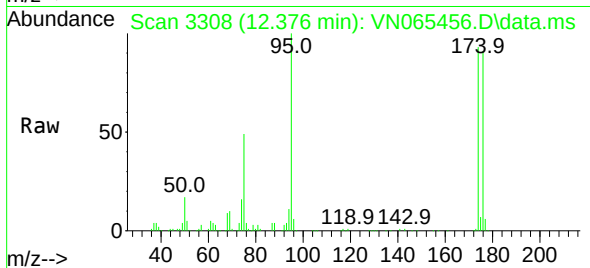
Tgt Ion: 75 Resp: 109419
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



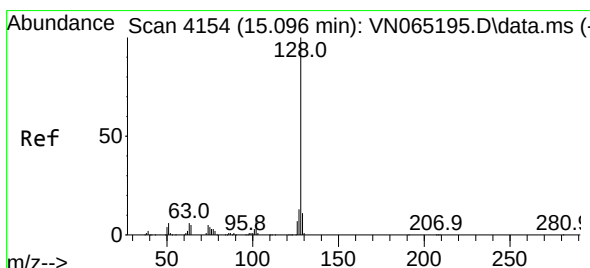
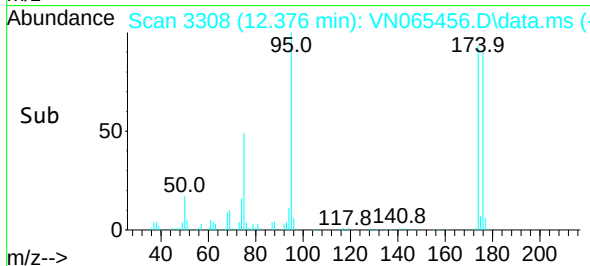
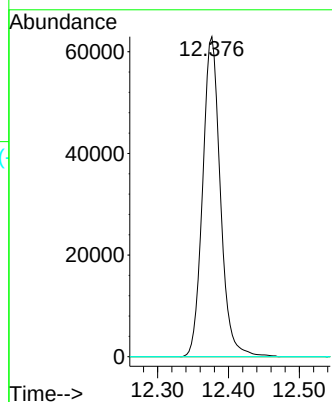


#81
trans-1,4-Dichloro-2-butene
Concen: 67.35 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

Instrument :
MSVOA_N
ClientSampleId :
PB133969ZHE#08



Tgt Ion: 75 Resp: 109419
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#95
Naphthalene
Concen: 3.43 ug/l
RT: 15.119 min Scan# 4161
Delta R.T. 0.023 min
Lab File: VN065456.D
Acq: 8 Jan 2021 20:21

Tgt Ion: 128 Resp: 622
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#

