

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
 Data File : VN065659.D
 Acq On : 28 Jan 2021 19:07
 Operator : JC/MD
 Sample : PB134372ZHE#07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134372ZHE#07

Quant Time: Jan 29 01:25:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

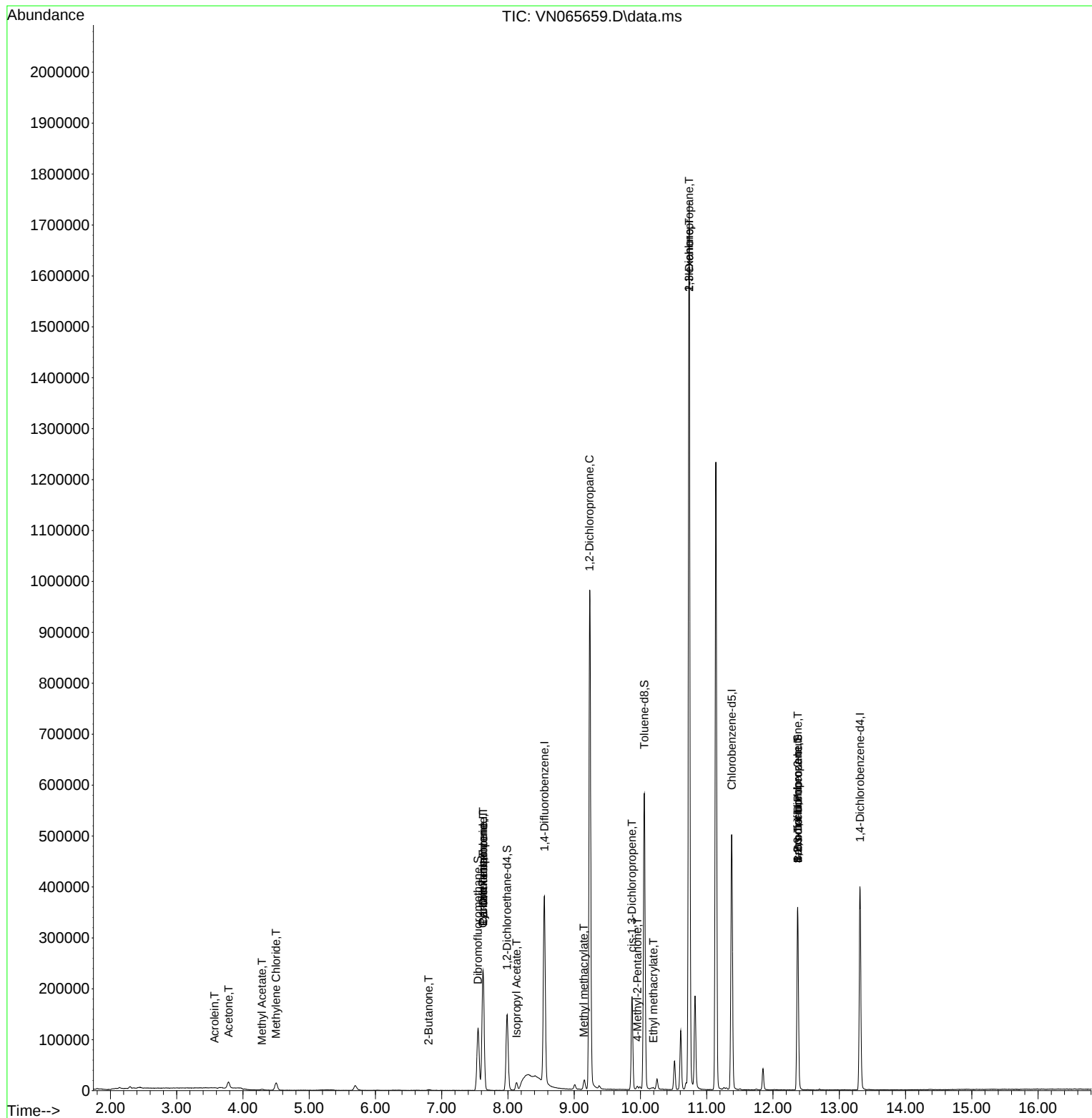
Internal Standards						
1) Pentafluorobenzene	7.624	168	195935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	340404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	297903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	110657	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	124973	48.48	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.96%		
35) Dibromofluoromethane	7.547	113	98569	48.86	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.72%		
50) Toluene-d8	10.058	98	420325	53.01	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.02%		
62) 4-Bromofluorobenzene	12.373	95	142479	49.90	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.80%		
Target Compounds						
					Qvalue	
13) Acrolein	3.570	56	91	18.29	ug/l #	1
16) Acetone	3.782	43	19731	19.66	ug/l	99
18) Methyl Acetate	4.287	43	4133	1.47	ug/l #	74
20) Methylene Chloride	4.499	84	10653	3.83	ug/l	94
25) 2-Butanone	6.801	43	3822	2.43	ug/l #	89
31) Cyclohexane	7.621	56	3928	0.81	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	15670	4.57	ug/l #	47
38) Carbon Tetrachloride	7.624	117	18512	6.56	ug/l #	17
43) Isopropyl Acetate	8.129	43	19558	3.36	ug/l #	89
45) 1,2-Dichloropropane	9.232	63	1223	0.42	ug/l #	44
48) Methyl methacrylate	9.145	41	4898	1.77	ug/l #	10
51) 4-Methyl-2-Pentanone	9.952	43	4503	1.40	ug/l	95
54) cis-1,3-Dichloropropene	9.872	75	34672	7.84	ug/l #	55
56) Ethyl methacrylate	10.193	69	2414	0.62	ug/l #	79
57) 1,3-Dichloropropane	10.733	76	18476	4.44	ug/l #	43
59) 2-Hexanone	10.733	43	246850	110.68	ug/l #	51
71) Bromoform	12.373	173	676	0.44	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	65966	22.80	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	65966	58.39	ug/l #	12

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

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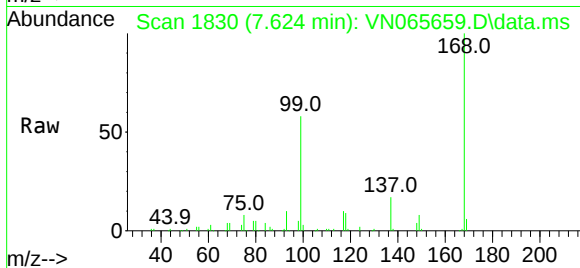
Quant Time: Jan 29 01:25:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
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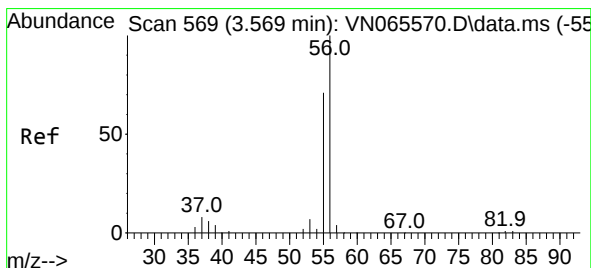
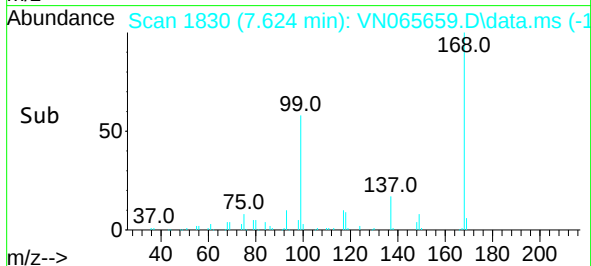
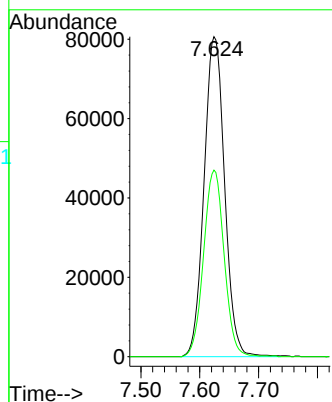


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065659.D
Acq: 28 Jan 2021 19:07

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#07

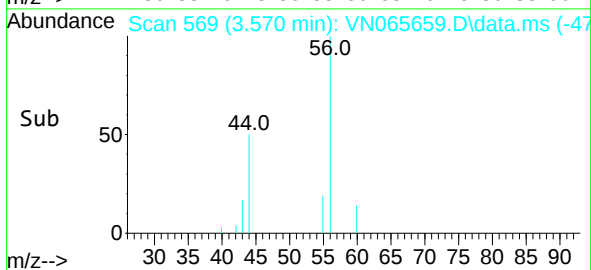
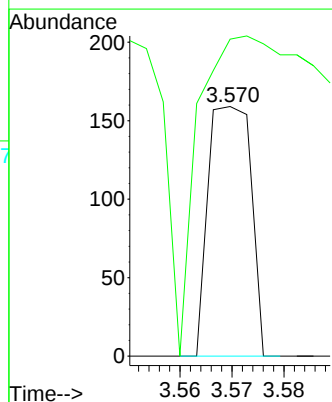
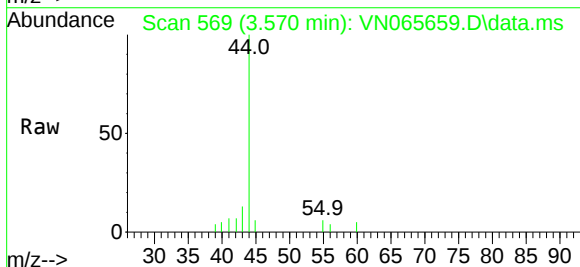


Tgt Ion:168 Resp: 195935
Ion Ratio Lower Upper
168 100
99 58.3 42.6 63.8



#13
Acrolein
Concen: 18.29 ug/l
RT: 3.570 min Scan# 569
Delta R.T. 0.001 min
Lab File: VN065659.D
Acq: 28 Jan 2021 19:07

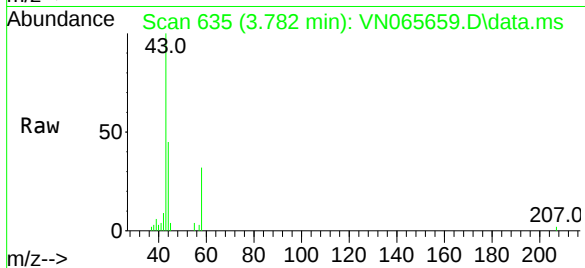
Tgt Ion: 56 Resp: 91
Ion Ratio Lower Upper
56 100
55 392.3 56.0 84.0#



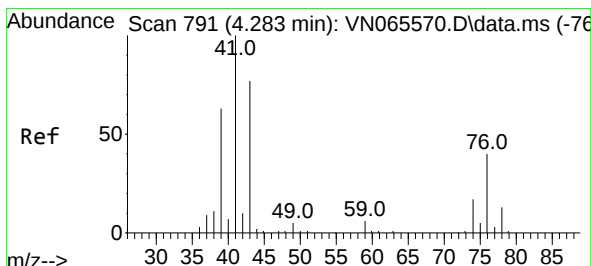
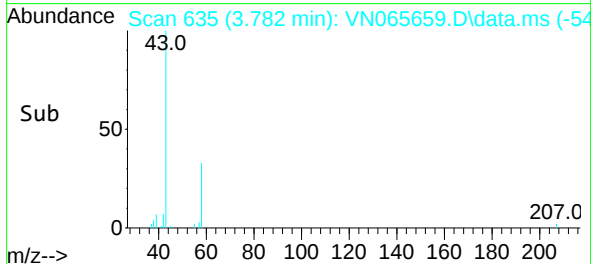
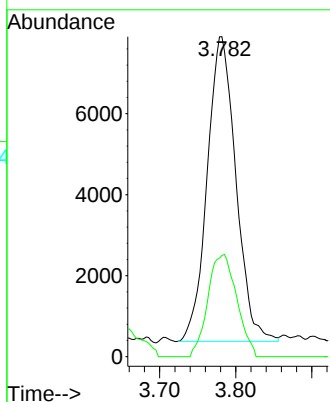


#16
Acetone
Concen: 19.66 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065659.D
Acq: 28 Jan 2021 19:07

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#07

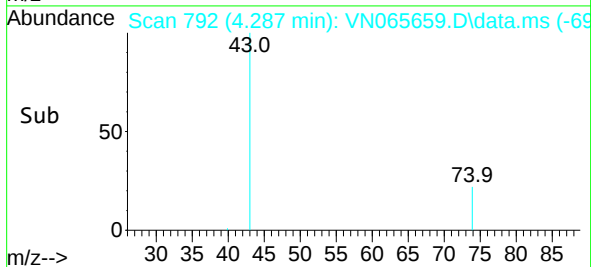
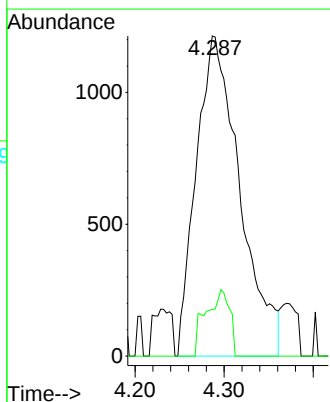
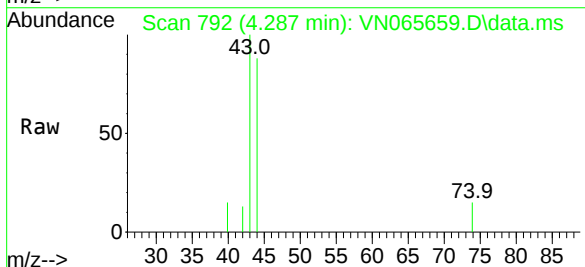


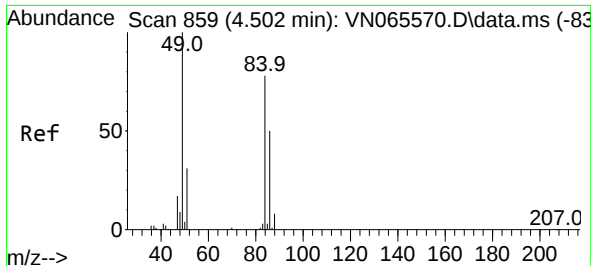
Tgt Ion: 43 Resp: 19731
Ion Ratio Lower Upper
43 100
58 33.2 27.0 40.6



#18
Methyl Acetate
Concen: 1.47 ug/l
RT: 4.287 min Scan# 792
Delta R.T. 0.004 min
Lab File: VN065659.D
Acq: 28 Jan 2021 19:07

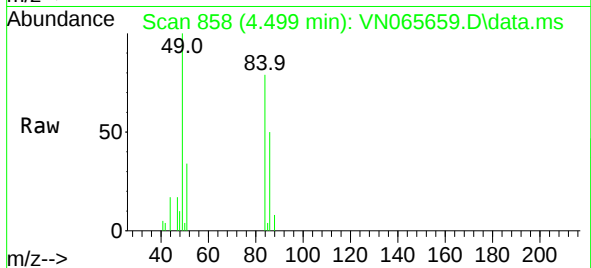
Tgt Ion: 43 Resp: 4133
Ion Ratio Lower Upper
43 100
74 11.3 19.5 29.3#



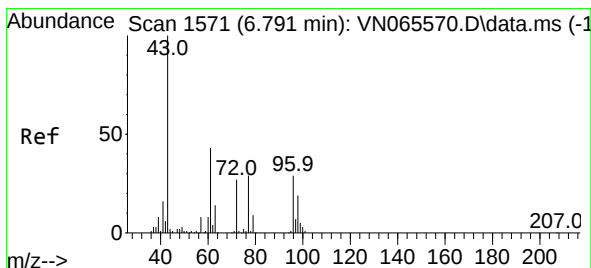
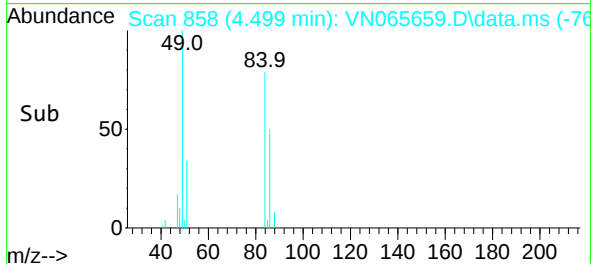
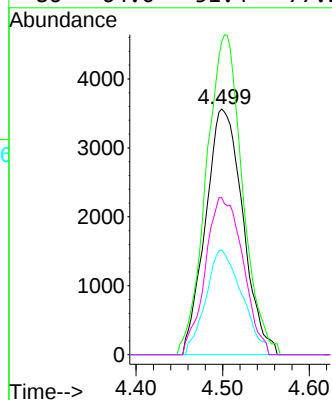


#20
Methylene Chloride
Concen: 3.83 ug/l
RT: 4.499 min Scan# 858
Delta R.T. -0.003 min
Lab File: VN065659.D
Acq: 28 Jan 2021 19:07

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#07

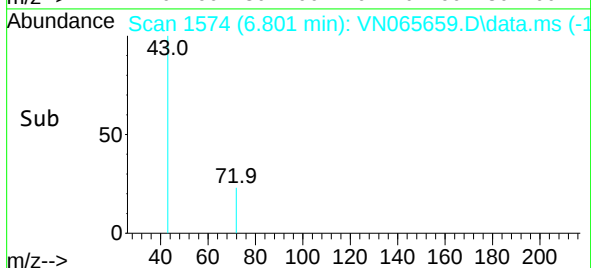
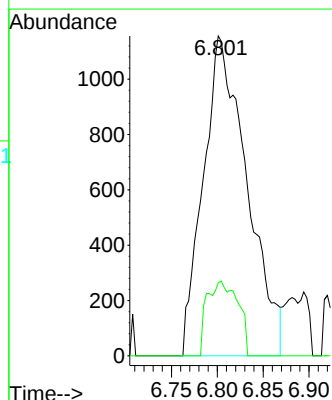
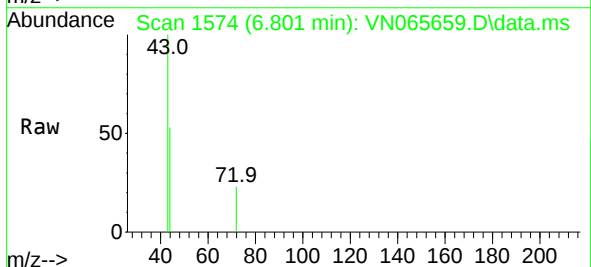


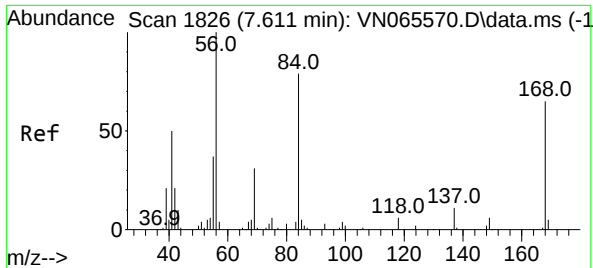
Tgt Ion:	84	Resp:	10653
Ion	Ratio	Lower	Upper
84	100		
49	127.3	94.6	141.8
51	42.7	29.9	44.9
86	64.0	51.4	77.2



#25
2-Butanone
Concen: 2.43 ug/l
RT: 6.801 min Scan# 1574
Delta R.T. 0.010 min
Lab File: VN065659.D
Acq: 28 Jan 2021 19:07

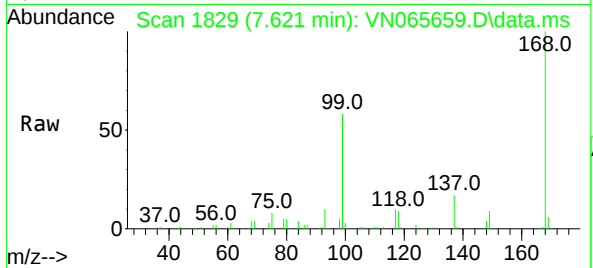
Tgt Ion:	43	Resp:	3822
Ion	Ratio	Lower	Upper
43	100		
72	22.8	23.1	34.7#



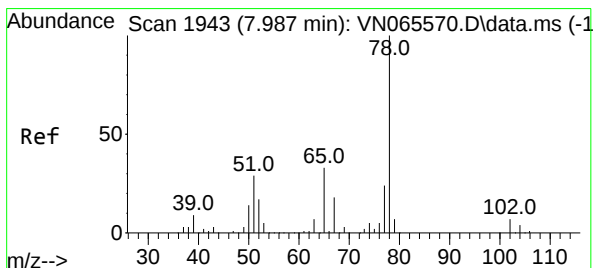
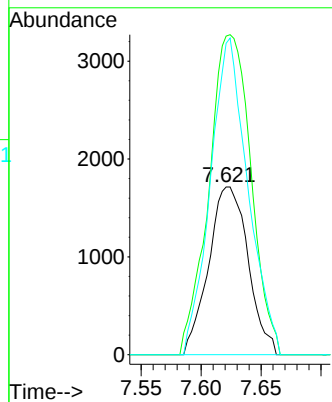
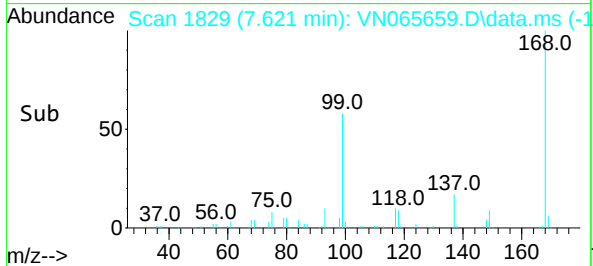


#31
Cyclohexane
Concen: 0.81 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065659.D
Acq: 28 Jan 2021 19:07

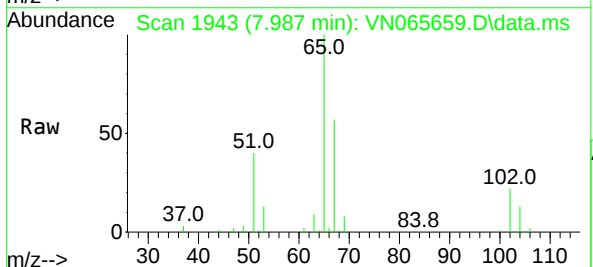
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#07



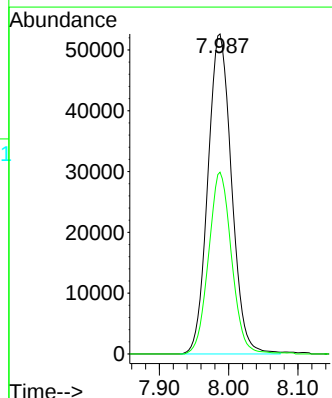
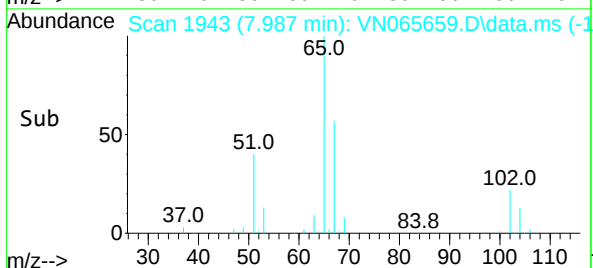
Tgt Ion: 56 Resp: 3928
Ion Ratio Lower Upper
56 100
69 190.0 26.6 39.8#
84 185.6 70.4 105.6#

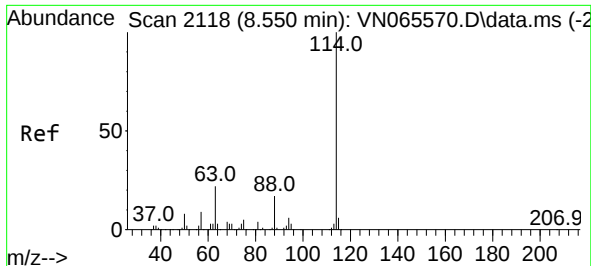


#33
1,2-Dichloroethane-d4
Concen: 48.48 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065659.D
Acq: 28 Jan 2021 19:07



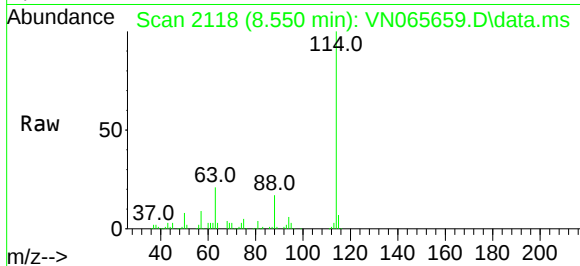
Tgt Ion: 65 Resp: 124973
Ion Ratio Lower Upper
65 100
67 55.1 0.0 107.2



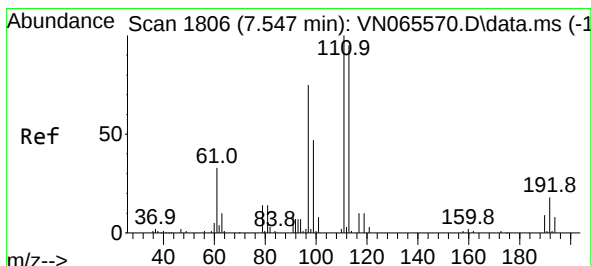
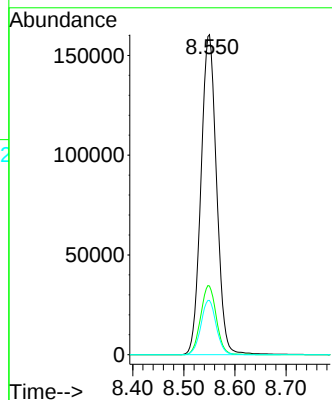
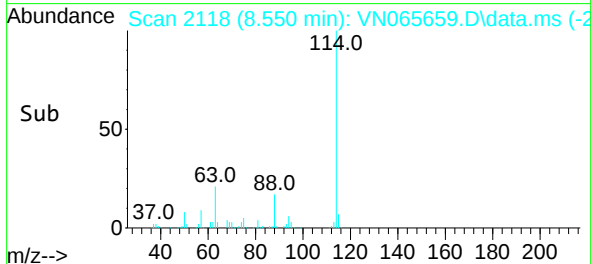


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065659.D
Acq: 28 Jan 2021 19:07

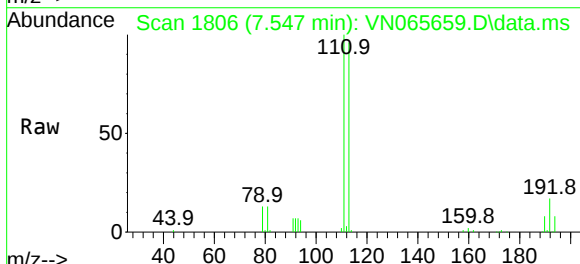
Instrument :
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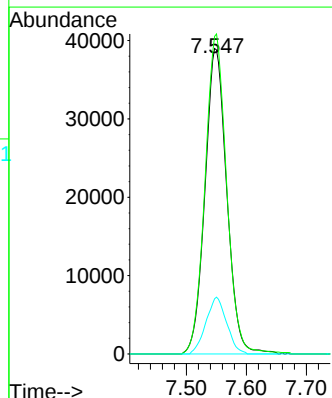
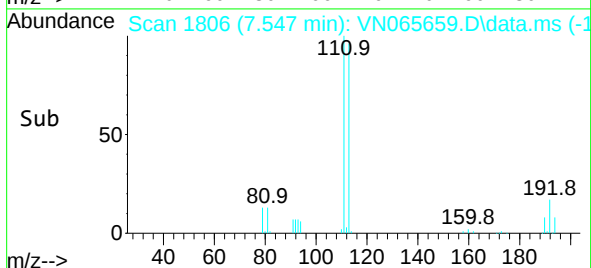
Tgt Ion:114 Resp: 340404
Ion Ratio Lower Upper
114 100
63 21.5 0.0 38.6
88 17.0 0.0 30.6

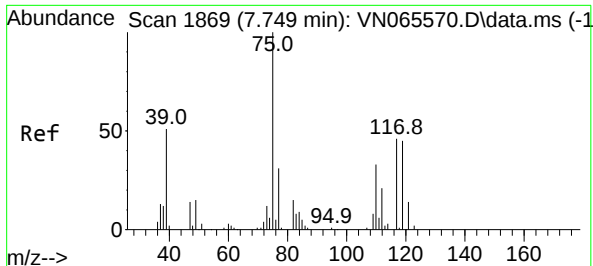


#35
Dibromofluoromethane
Concen: 48.86 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065659.D
Acq: 28 Jan 2021 19:07



Tgt Ion:113 Resp: 98569
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 17.7 15.4 23.0



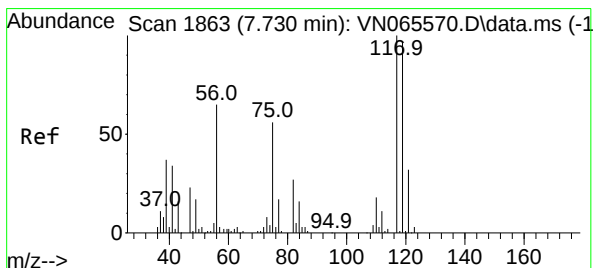
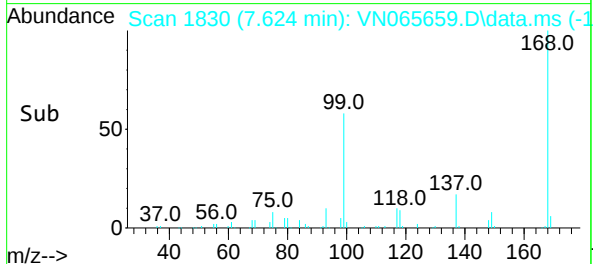
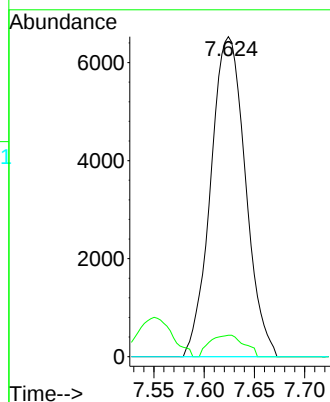
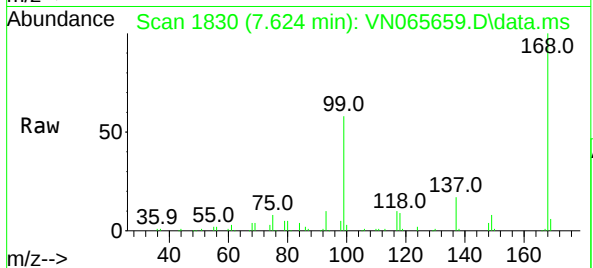


#36

1,1-Dichloropropene
Concen: 4.57 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065659.D
Acq: 28 Jan 2021 19:07

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#07

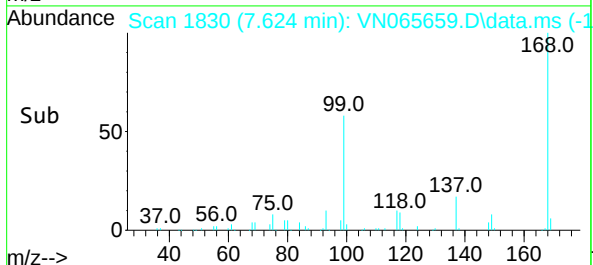
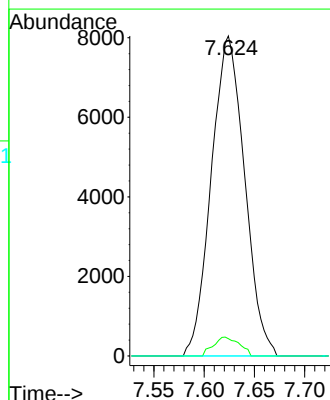
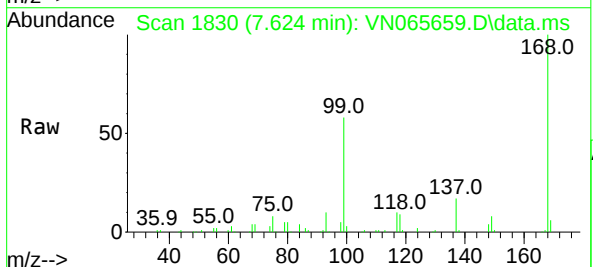
Tgt Ion: 75 Resp: 15670
Ion Ratio Lower Upper
75 100
110 6.6 18.2 54.6#
77 0.0 24.9 37.3#

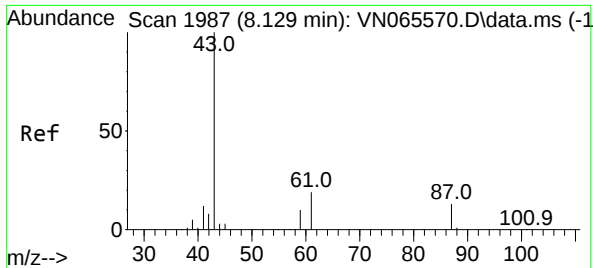


#38

Carbon Tetrachloride
Concen: 6.56 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065659.D
Acq: 28 Jan 2021 19:07

Tgt Ion: 117 Resp: 18512
Ion Ratio Lower Upper
117 100
119 5.4 76.0 114.0#
121 0.0 24.5 36.7#

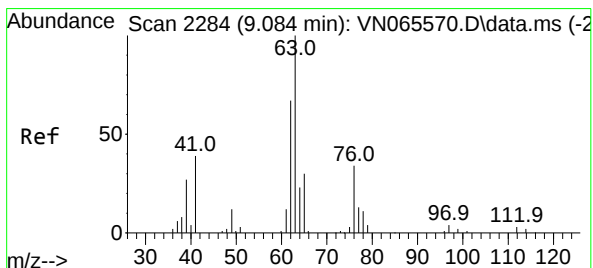
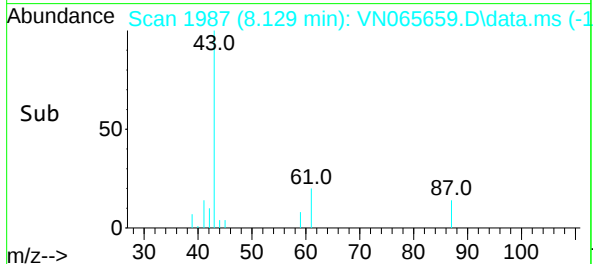
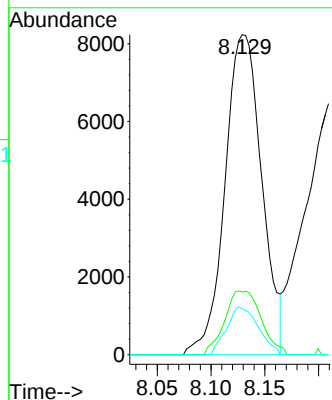
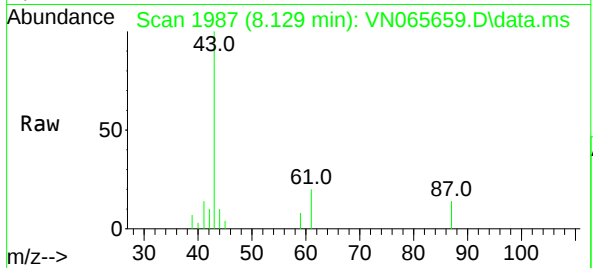




#43
Isopropyl Acetate
Concen: 3.36 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065659.D
Acq: 28 Jan 2021 19:07

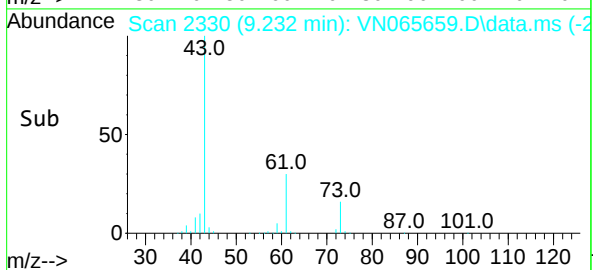
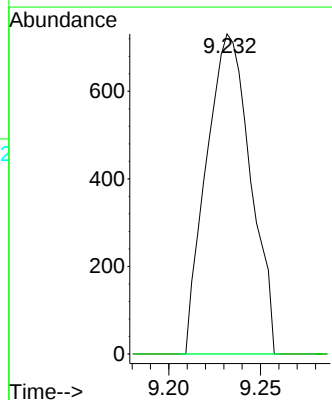
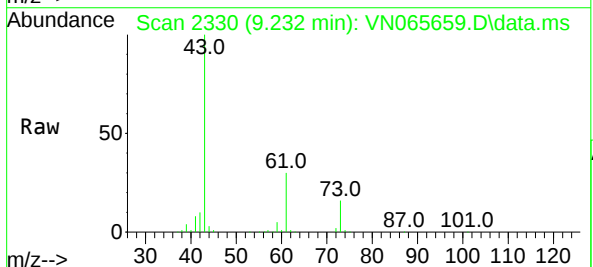
Instrument :
MSVOA_N
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PB134372ZHE#07

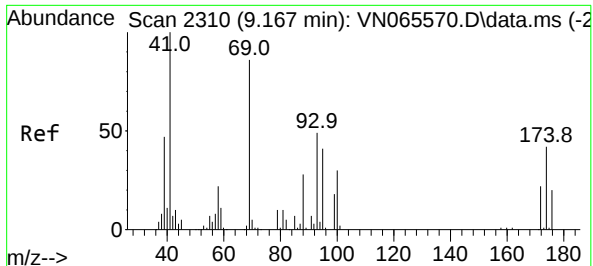
Tgt Ion: 43 Resp: 19558
Ion Ratio Lower Upper
43 100
61 19.8 22.5 33.7#
87 12.9 11.1 16.7



#45
1,2-Dichloropropane
Concen: 0.42 ug/l
RT: 9.232 min Scan# 2330
Delta R.T. 0.148 min
Lab File: VN065659.D
Acq: 28 Jan 2021 19:07

Tgt Ion: 63 Resp: 1223
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#





#48

Methyl methacrylate

Concen: 1.77 ug/l

RT: 9.145 min Scan# 2303

Delta R.T. -0.022 min

Lab File: VN065659.D

Acq: 28 Jan 2021 19:07

Tgt Ion: 41 Resp: 4898

Ion Ratio Lower Upper

41 100

69 0.0 75.9 113.9#

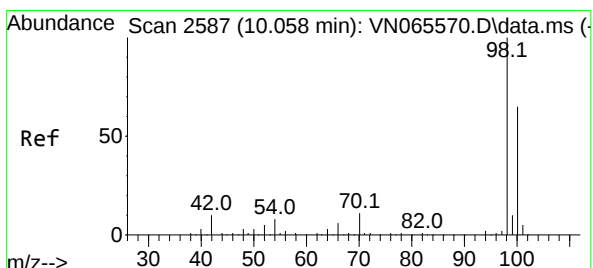
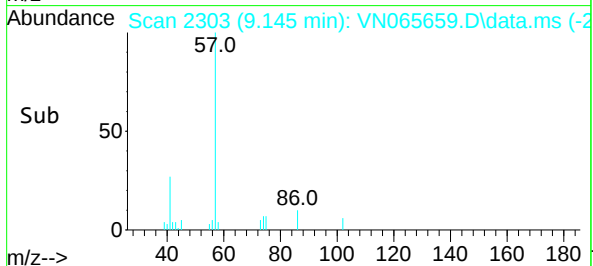
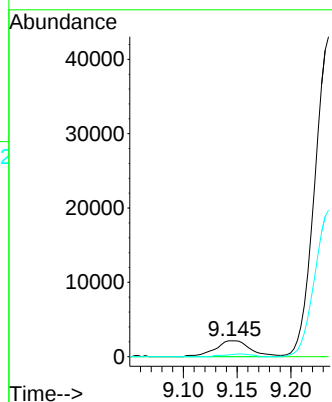
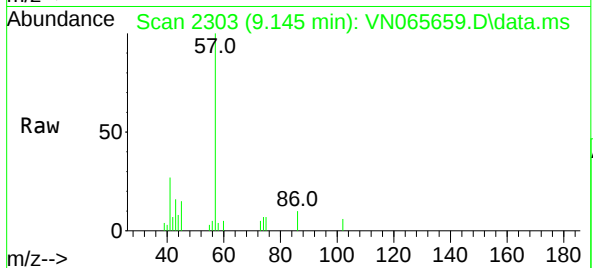
39 0.0 46.6 69.8#

Instrument :

MSVOA_N

ClientSampleId :

PB134372ZHE#07



#50

Toluene-d8

Concen: 53.01 ug/l

RT: 10.058 min Scan# 2587

Delta R.T. 0.000 min

Lab File: VN065659.D

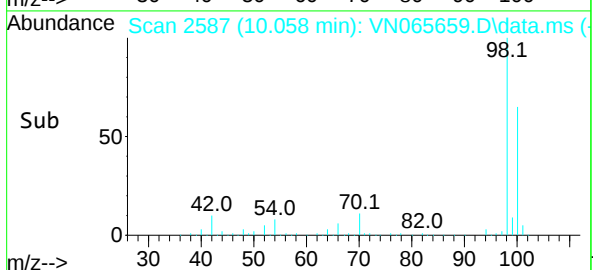
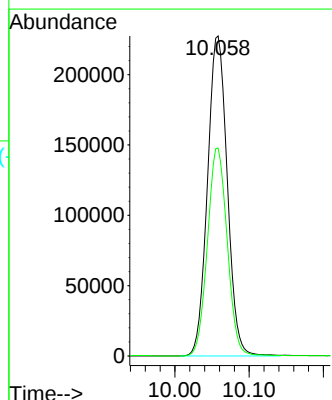
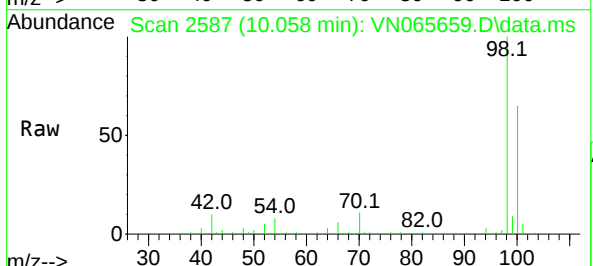
Acq: 28 Jan 2021 19:07

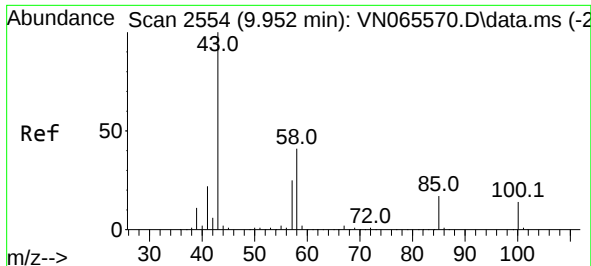
Tgt Ion: 98 Resp: 420325

Ion Ratio Lower Upper

98 100

100 65.1 50.5 75.7

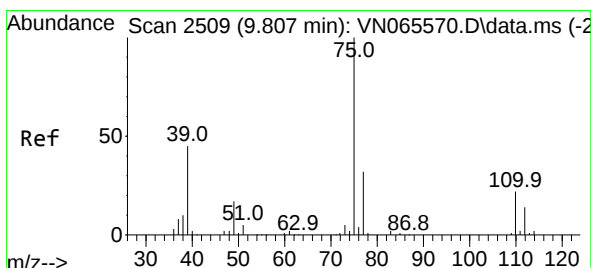
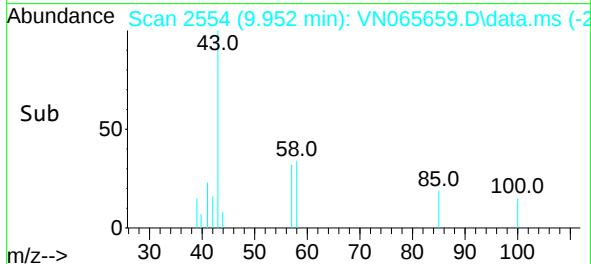
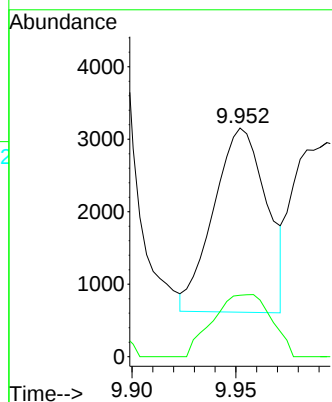
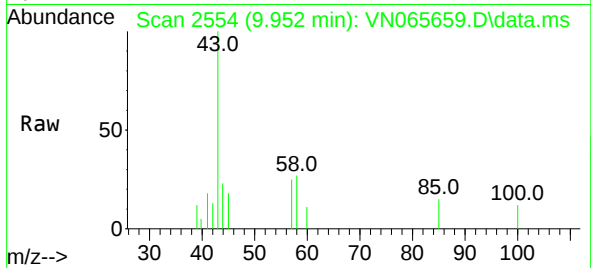




#51
4-Methyl-2-Pentanone
Concen: 1.40 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. 0.000 min
Lab File: VN065659.D
Acq: 28 Jan 2021 19:07

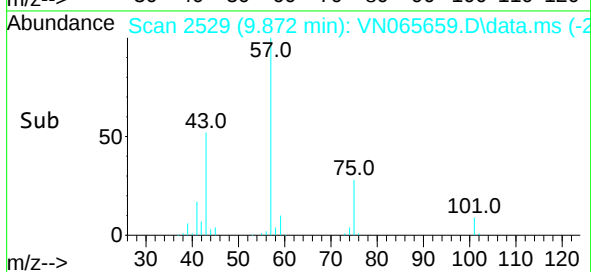
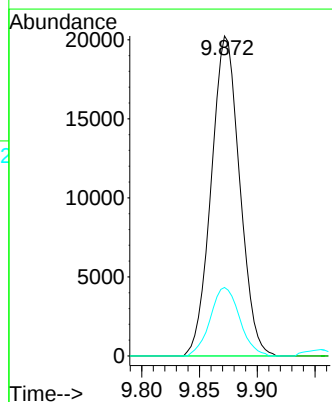
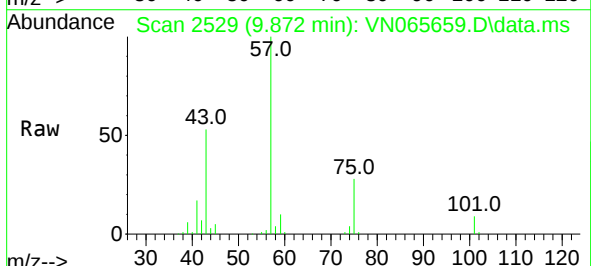
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#07

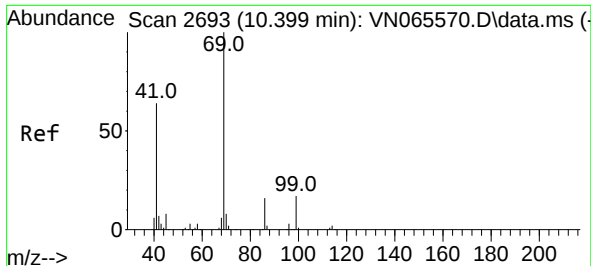
Tgt Ion: 43 Resp: 4503
Ion Ratio Lower Upper
43 100
58 37.3 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 7.84 ug/l
RT: 9.872 min Scan# 2529
Delta R.T. 0.065 min
Lab File: VN065659.D
Acq: 28 Jan 2021 19:07

Tgt Ion: 75 Resp: 34672
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 21.4 36.2 54.4#

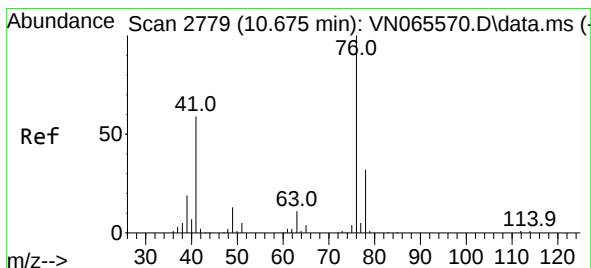
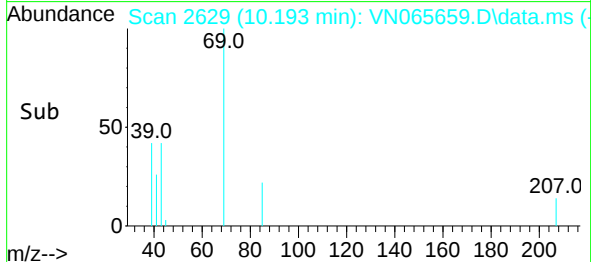
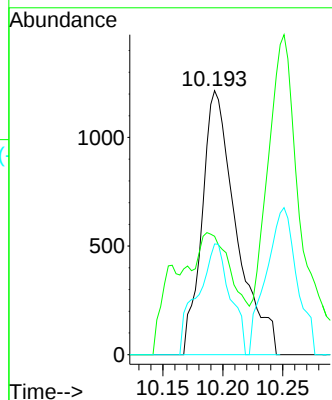
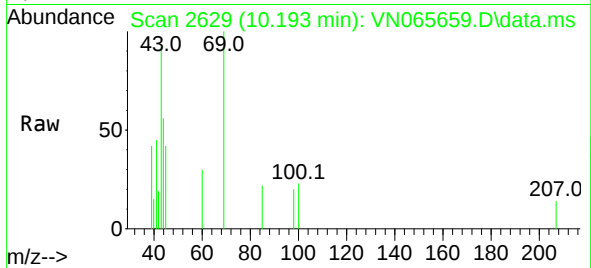




#56
Ethyl methacrylate
Concen: 0.62 ug/l
RT: 10.193 min Scan# 2629
Delta R.T. -0.206 min
Lab File: VN065659.D
Acq: 28 Jan 2021 19:07

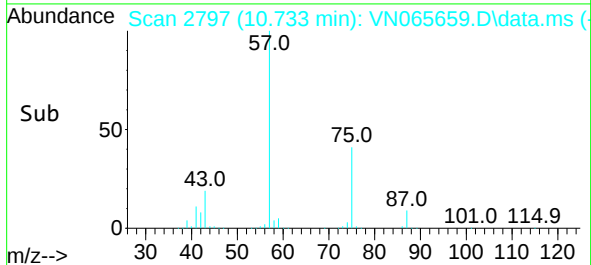
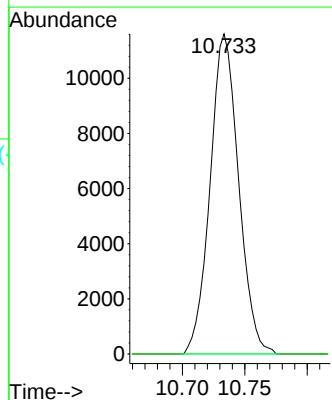
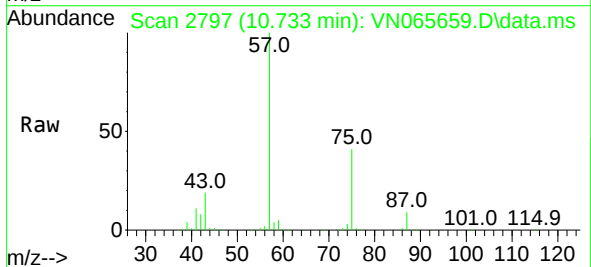
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#07

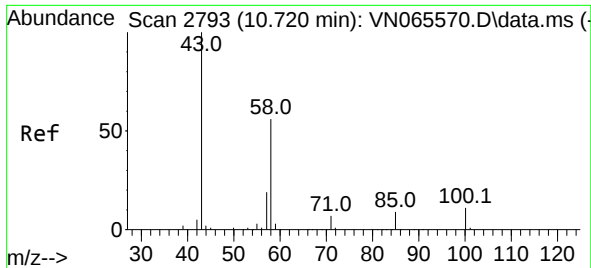
Tgt Ion: 69 Resp: 2414
Ion Ratio Lower Upper
69 100
41 40.0 49.6 74.4#
39 40.1 28.0 42.0



#57
1,3-Dichloropropane
Concen: 4.44 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065659.D
Acq: 28 Jan 2021 19:07

Tgt Ion: 76 Resp: 18476
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

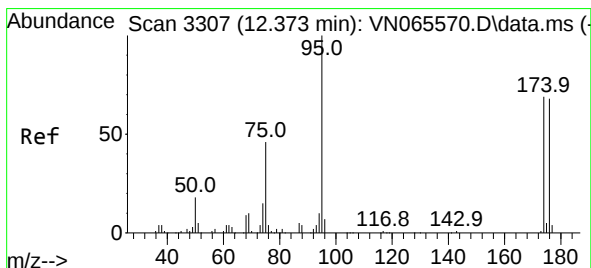
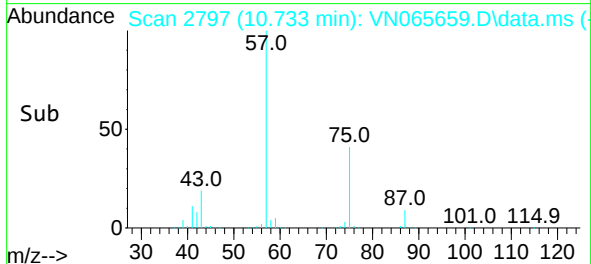
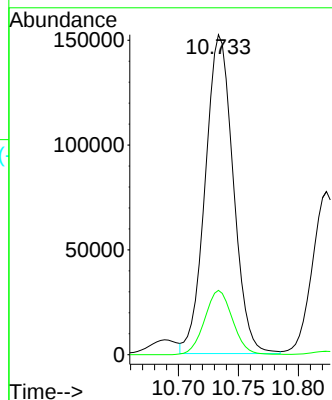
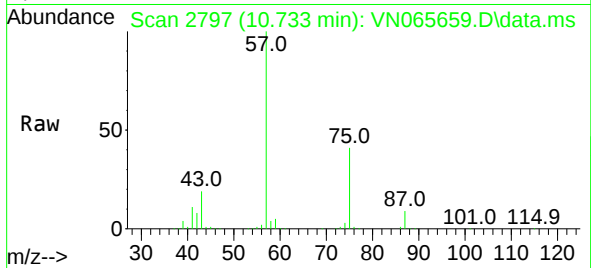




#59
2-Hexanone
Concen: 110.68 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065659.D
Acq: 28 Jan 2021 19:07

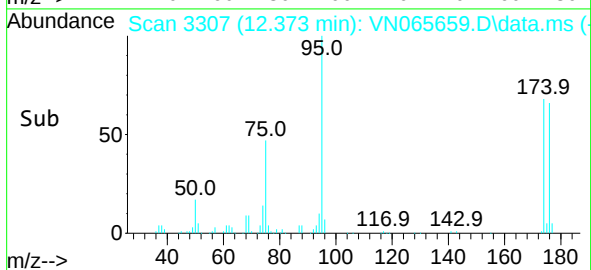
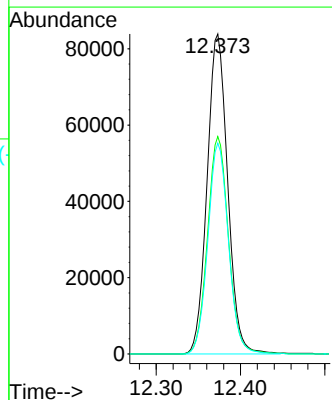
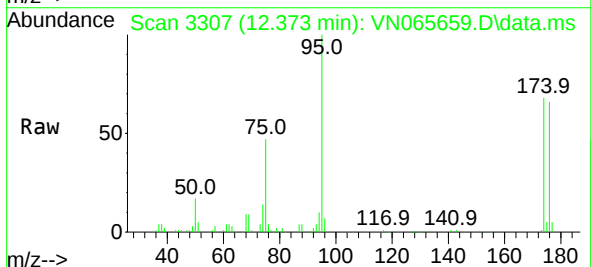
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#07

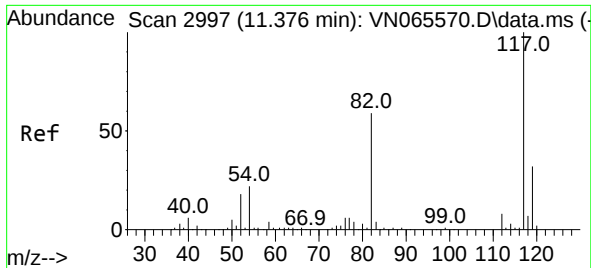
Tgt Ion: 43 Resp: 246850
Ion Ratio Lower Upper
43 100
58 20.2 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 49.90 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065659.D
Acq: 28 Jan 2021 19:07

Tgt Ion: 95 Resp: 142479
Ion Ratio Lower Upper
95 100
174 69.1 0.0 169.0
176 66.0 0.0 162.4

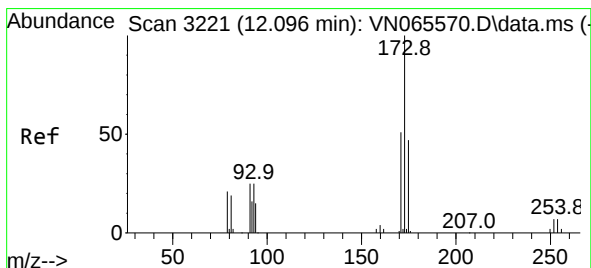
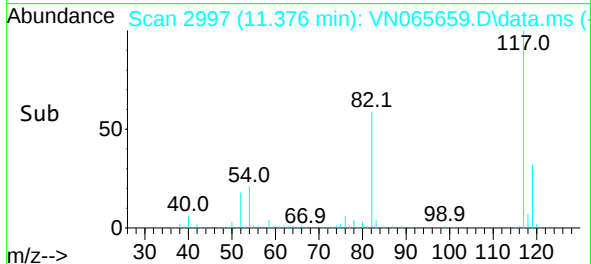
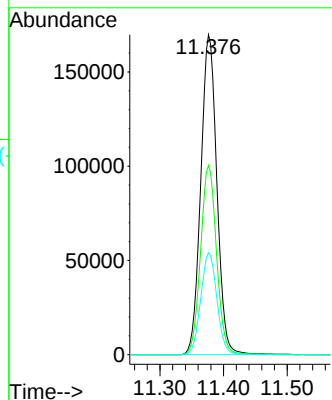
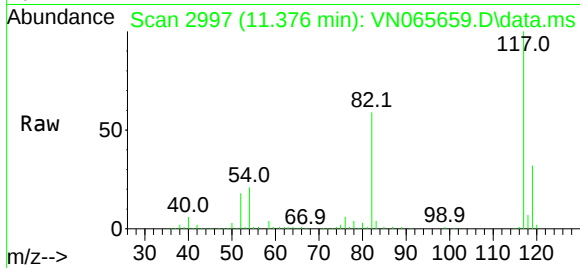




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065659.D
Acq: 28 Jan 2021 19:07

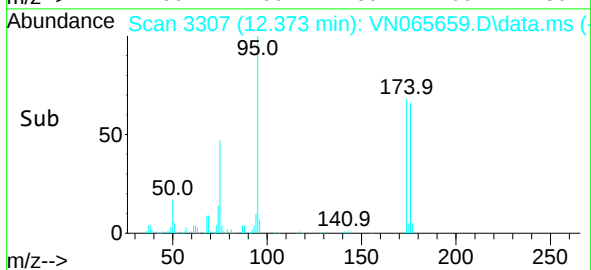
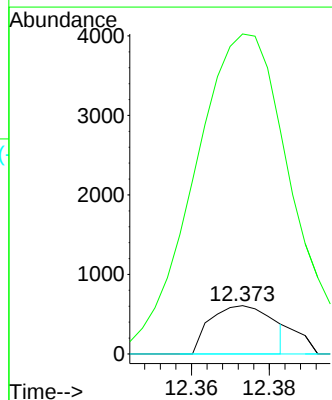
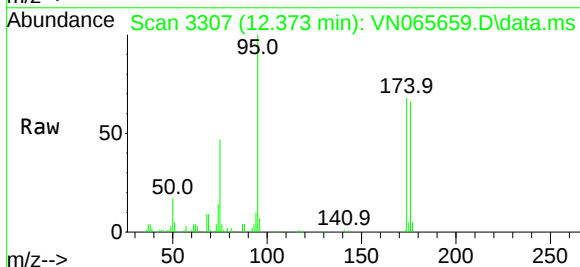
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#07

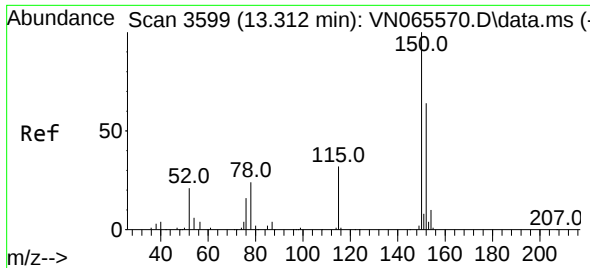
Tgt Ion:117 Resp: 297903
Ion Ratio Lower Upper
117 100
82 59.2 43.7 65.5
119 31.8 26.1 39.1



#71
Bromoform
Concen: 0.44 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.277 min
Lab File: VN065659.D
Acq: 28 Jan 2021 19:07

Tgt Ion:173 Resp: 676
Ion Ratio Lower Upper
173 100
175 866.9 23.8 71.2#
254 0.0 0.0 0.0

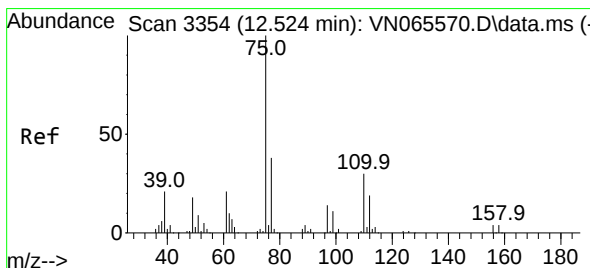
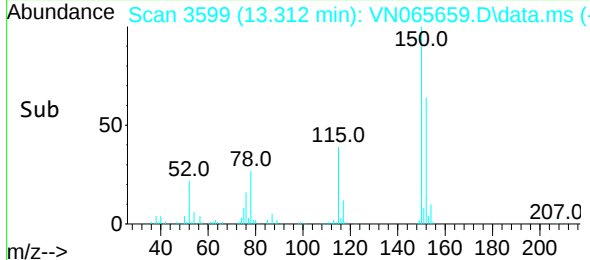
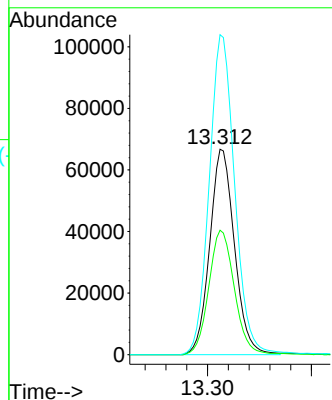
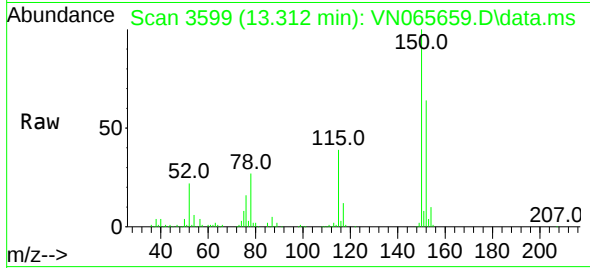




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.312 min Scan# 3599
 Delta R.T. -0.000 min
 Lab File: VN065659.D
 Acq: 28 Jan 2021 19:07

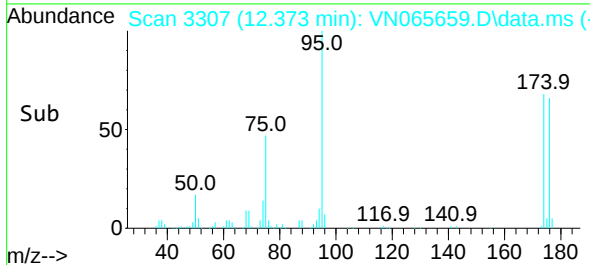
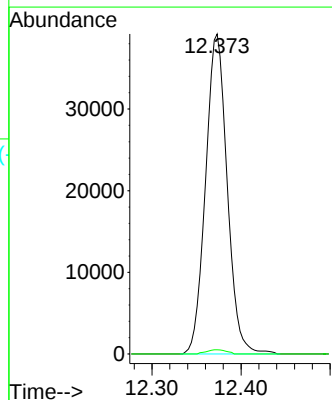
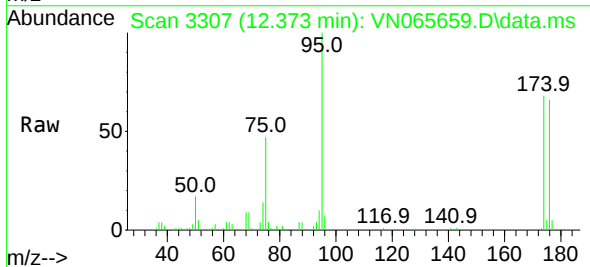
Instrument :
 MSVOA_N
 ClientSampleId :
 PB134372ZHE#07

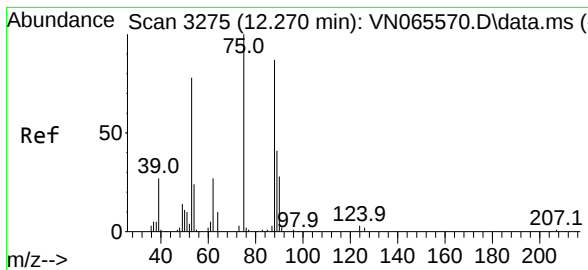
Tgt Ion:152 Resp: 110657
 Ion Ratio Lower Upper
 152 100
 115 62.6 28.5 85.6
 150 160.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 22.80 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN065659.D
 Acq: 28 Jan 2021 19:07

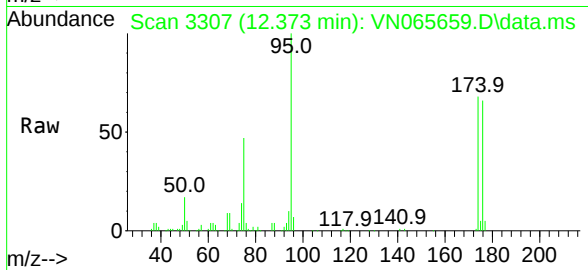
Tgt Ion: 75 Resp: 65966
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.39 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065659.D
 Acq: 28 Jan 2021 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134372ZHE#07



Tgt Ion: 75 Resp: 65966
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#

