

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
 Data File : VN065657.D
 Acq On : 28 Jan 2021 18:18
 Operator : JC/MD
 Sample : PB134372ZHE#05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134372ZHE#05

Quant Time: Jan 29 01:25:18 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

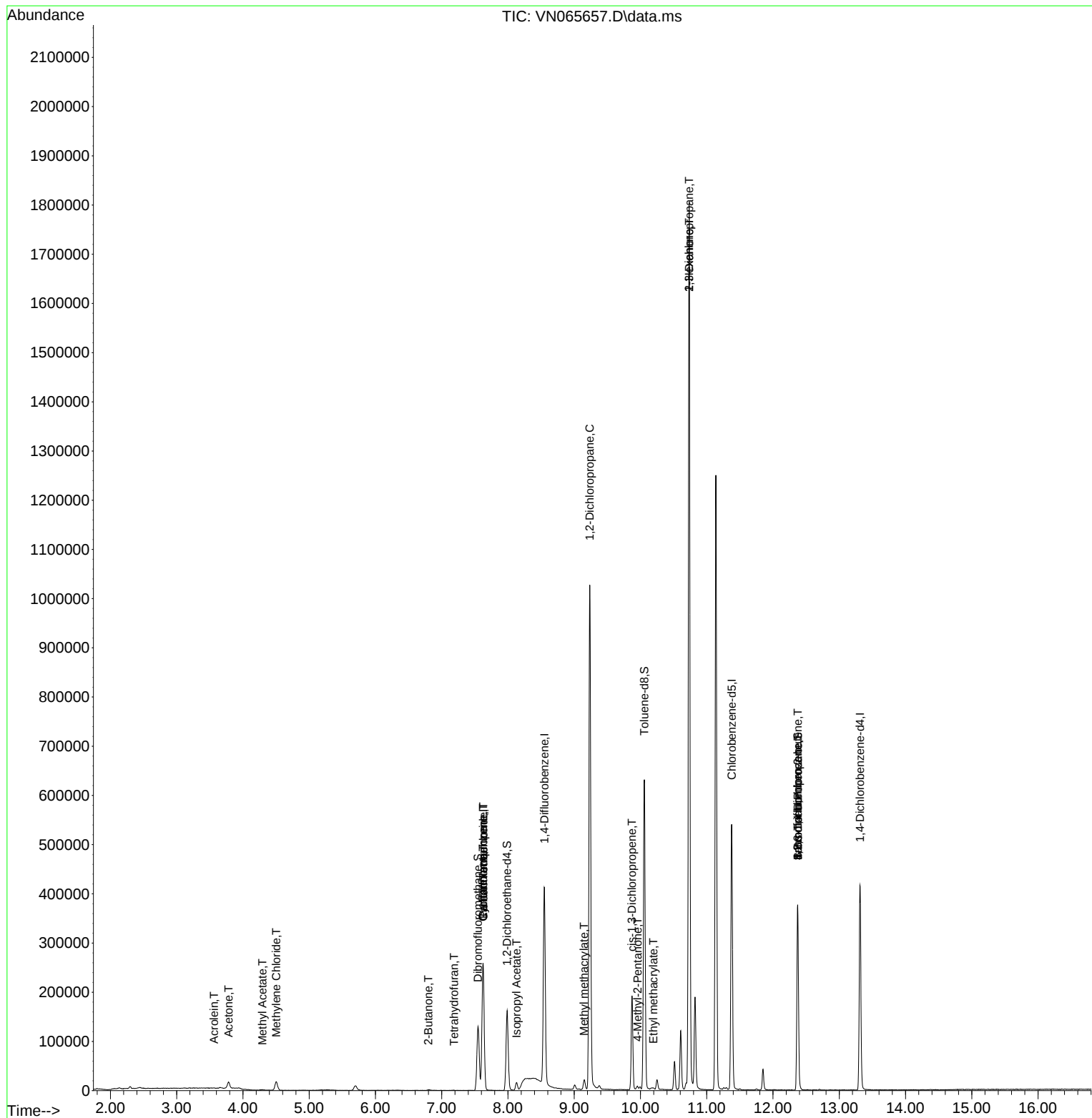
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.624	168	210896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	368701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	321843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	119066	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	133831	48.24	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.48%		
35) Dibromofluoromethane	7.547	113	106233	48.62	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.24%		
50) Toluene-d8	10.058	98	456363	53.14	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.28%		
62) 4-Bromofluorobenzene	12.373	95	154222	49.87	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.74%		
Target Compounds						
					Qvalue	
13) Acrolein	3.563	56	91	18.27	ug/l #	1
16) Acetone	3.782	43	21032	19.47	ug/l	94
18) Methyl Acetate	4.293	43	2868	0.95	ug/l #	63
20) Methylene Chloride	4.502	84	12621	4.22	ug/l	97
25) 2-Butanone	6.798	43	3664	2.16	ug/l	93
29) Tetrahydrofuran	7.187	42	332	0.27	ug/l #	32
31) Cyclohexane	7.621	56	4255	0.82	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	16951	4.57	ug/l #	44
38) Carbon Tetrachloride	7.627	117	20432	6.69	ug/l #	16
43) Isopropyl Acetate	8.129	43	20305	3.22	ug/l #	89
45) 1,2-Dichloropropane	9.235	63	1186	0.38	ug/l #	44
48) Methyl methacrylate	9.148	41	5112	1.71	ug/l #	10
51) 4-Methyl-2-Pentanone	9.955	43	4967	1.43	ug/l	95
54) cis-1,3-Dichloropropene	9.872	75	36714	7.66	ug/l #	57
56) Ethyl methacrylate	10.193	69	2189	0.52	ug/l #	75
57) 1,3-Dichloropropane	10.733	76	18598	4.13	ug/l #	43
59) 2-Hexanone	10.733	43	252594	104.56	ug/l #	51
71) Bromoform	12.373	173	739	0.45	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	72079	23.15	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	72079	59.30	ug/l #	12

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

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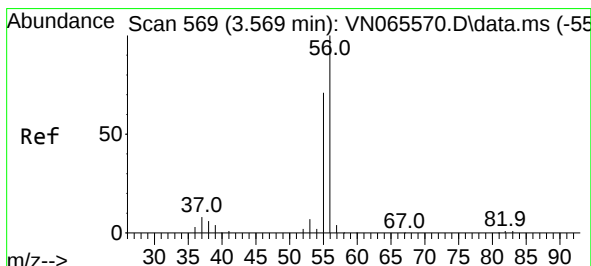
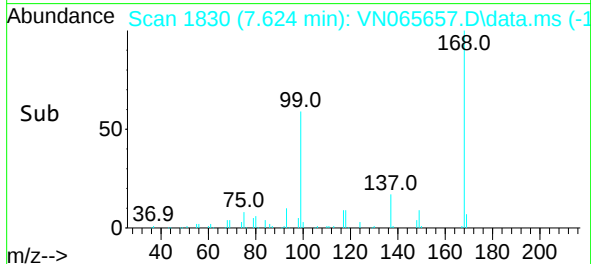
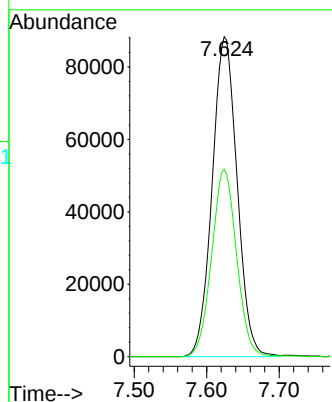
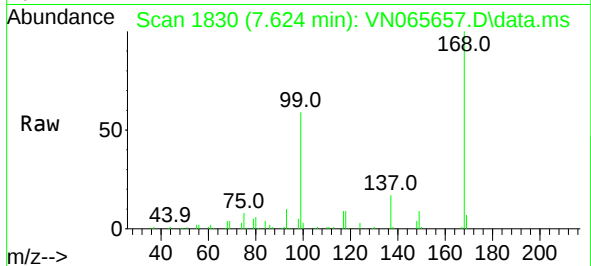




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

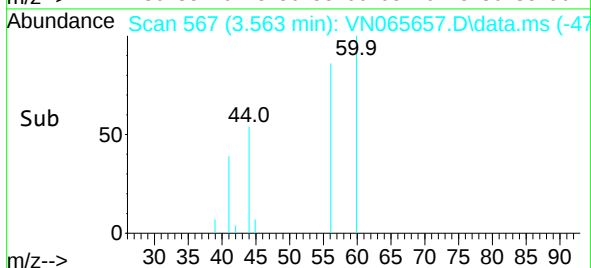
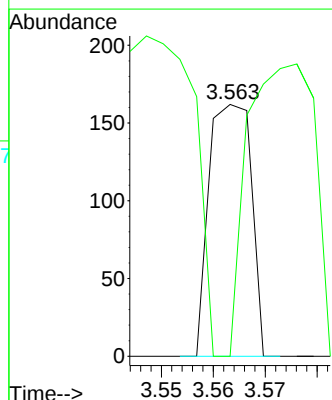
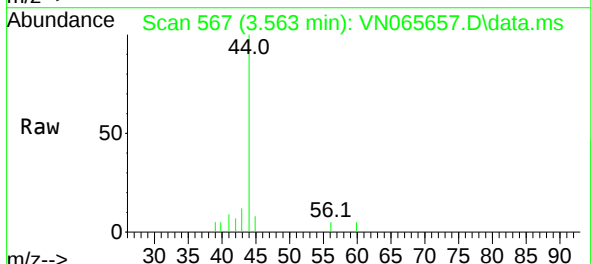
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#05

Tgt Ion:168 Resp: 210896
Ion Ratio Lower Upper
168 100
99 58.5 42.6 63.8



#13
Acrolein
Concen: 18.27 ug/l
RT: 3.563 min Scan# 567
Delta R.T. -0.006 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

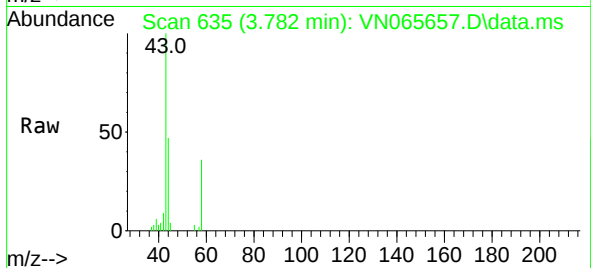
Tgt Ion: 56 Resp: 91
Ion Ratio Lower Upper
56 100
55 184.6 56.0 84.0#



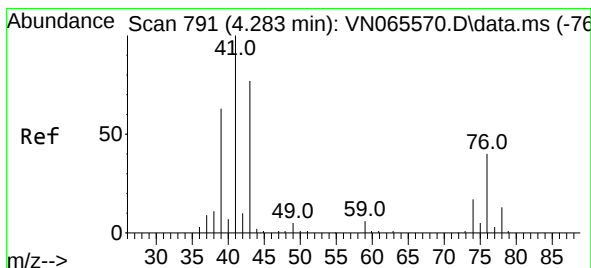
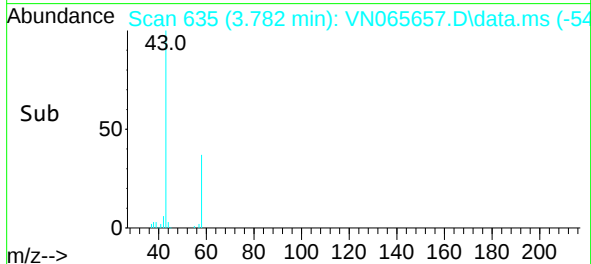
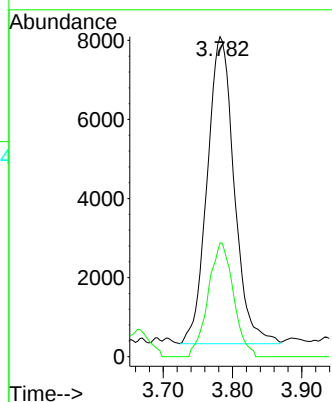


#16
Acetone
Concen: 19.47 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#05

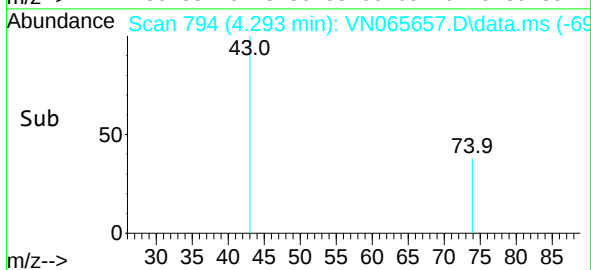
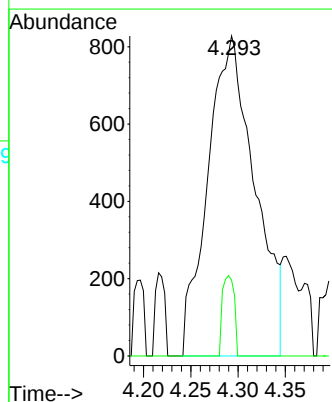
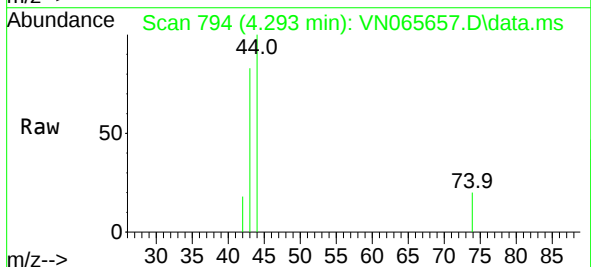


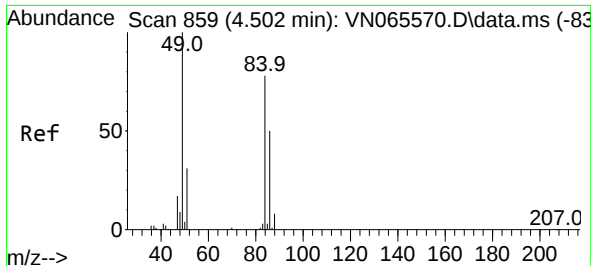
Tgt Ion: 43 Resp: 21032
Ion Ratio Lower Upper
43 100
58 37.0 27.0 40.6



#18
Methyl Acetate
Concen: 0.95 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.010 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

Tgt Ion: 43 Resp: 2868
Ion Ratio Lower Upper
43 100
74 6.2 19.5 29.3#

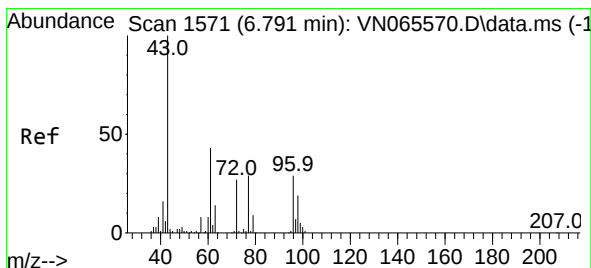
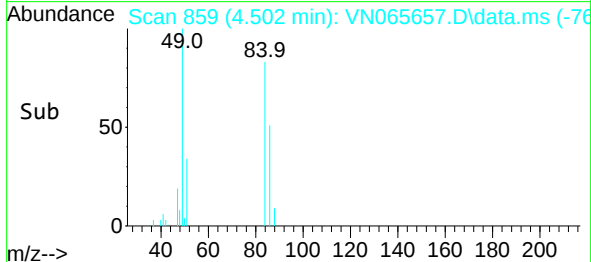
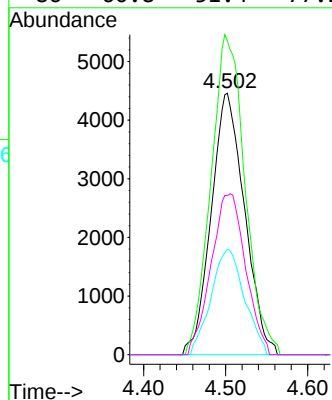
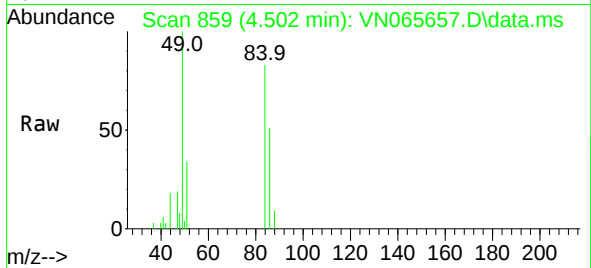




#20
Methylene Chloride
Concen: 4.22 ug/l
RT: 4.502 min Scan# 859
Delta R.T. 0.000 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

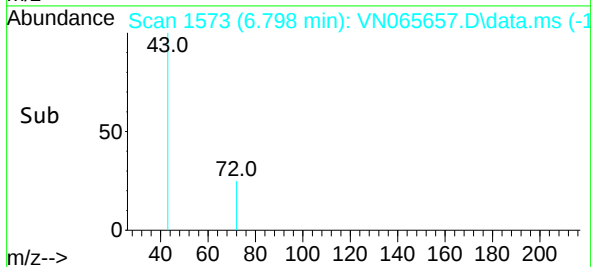
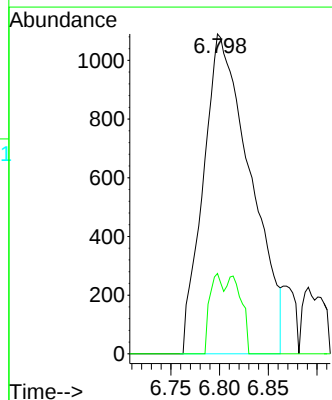
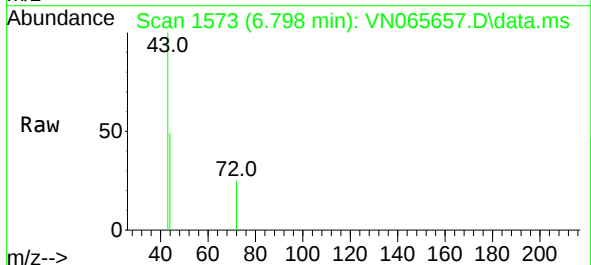
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#05

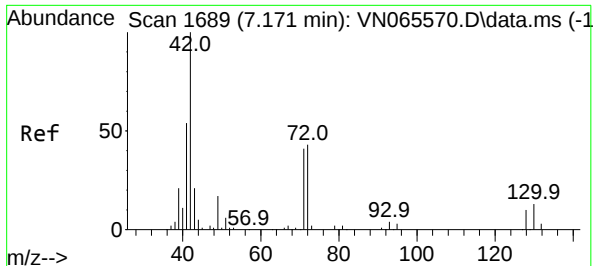
Tgt Ion:	84	Resp:	12621
Ion	Ratio	Lower	Upper
84	100		
49	120.1	94.6	141.8
51	40.4	29.9	44.9
86	60.8	51.4	77.2



#25
2-Butanone
Concen: 2.16 ug/l
RT: 6.798 min Scan# 1573
Delta R.T. 0.007 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

Tgt Ion:	43	Resp:	3664
Ion	Ratio	Lower	Upper
43	100		
72	25.1	23.1	34.7





#29

Tetrahydrofuran

Concen: 0.27 ug/l

RT: 7.187 min Scan# 1694

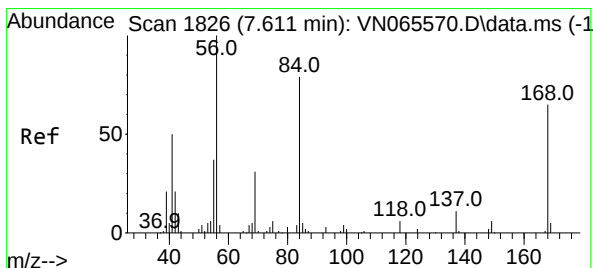
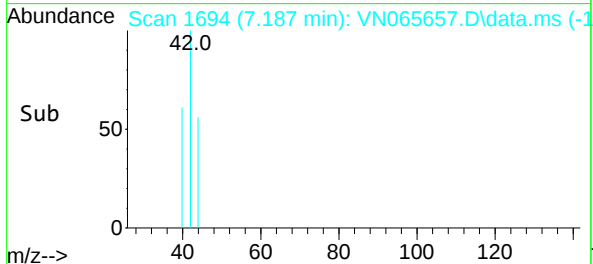
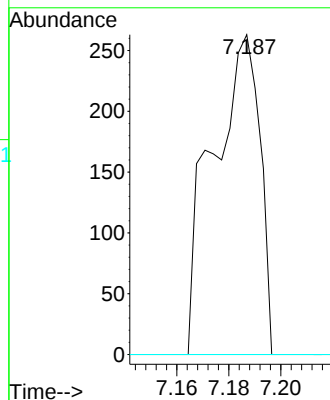
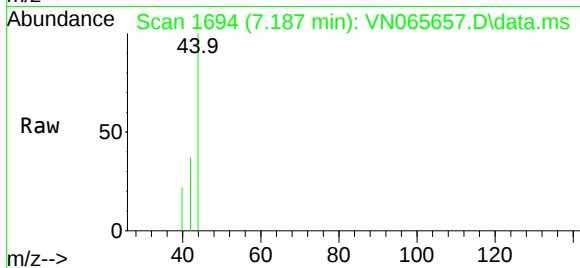
Delta R.T. 0.016 min

Lab File: VN065657.D

Acq: 28 Jan 2021 18:18

Tgt Ion:	42	Resp:	332
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	55.0#
71	0.0	34.3	51.5#

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#05



#31

Cyclohexane

Concen: 0.82 ug/l

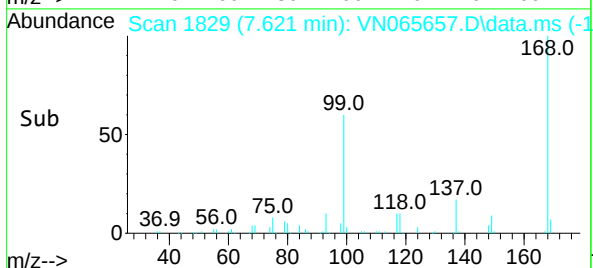
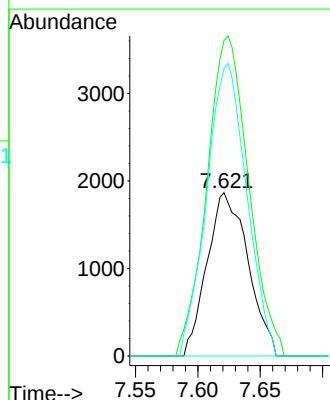
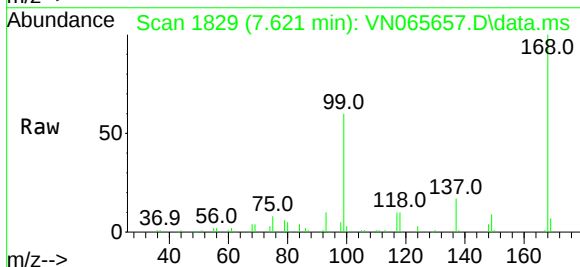
RT: 7.621 min Scan# 1829

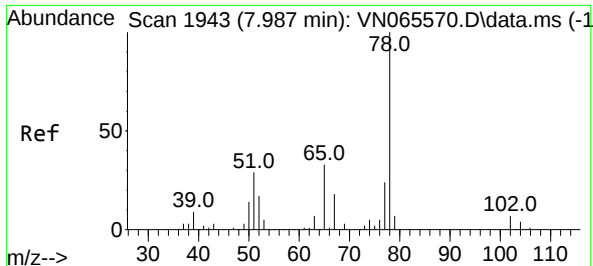
Delta R.T. 0.010 min

Lab File: VN065657.D

Acq: 28 Jan 2021 18:18

Tgt Ion:	56	Resp:	4255
Ion	Ratio	Lower	Upper
56	100		
69	183.5	26.6	39.8#
84	176.3	70.4	105.6#





#33

1,2-Dichloroethane-d4

Concen: 48.24 ug/l

RT: 7.987 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN065657.D

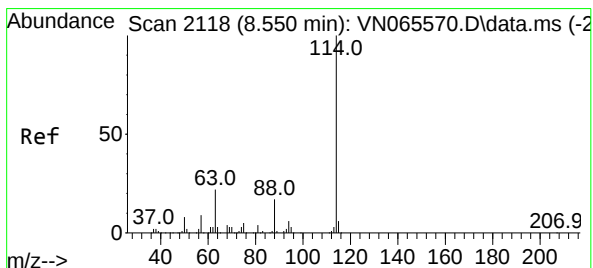
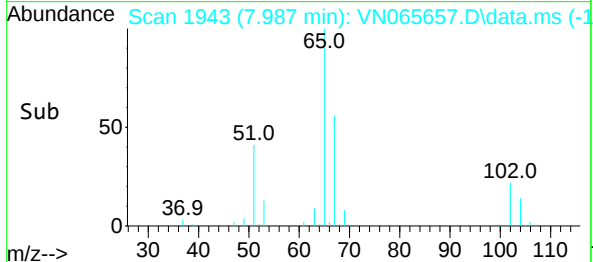
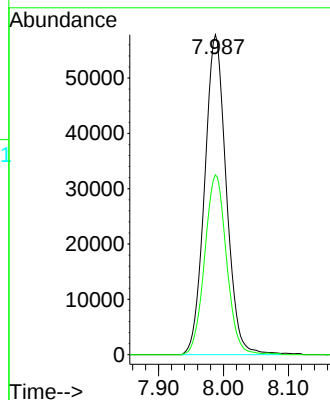
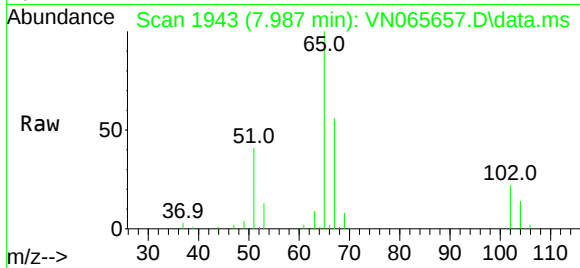
Acq: 28 Jan 2021 18:18

Tgt Ion: 65 Resp: 133831

Ion Ratio Lower Upper

65 100

67 56.7 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: VN065657.D

Acq: 28 Jan 2021 18:18

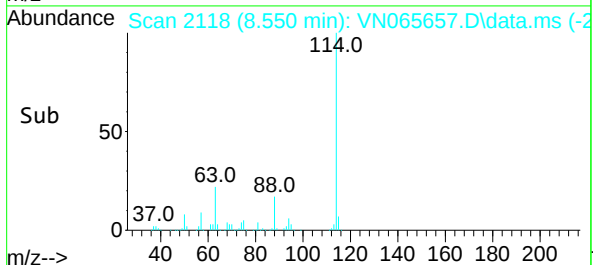
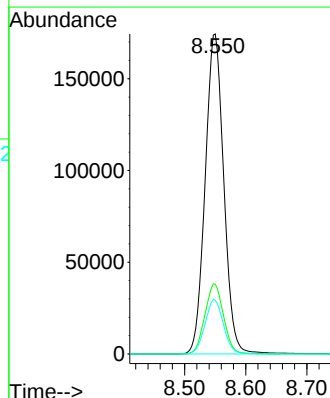
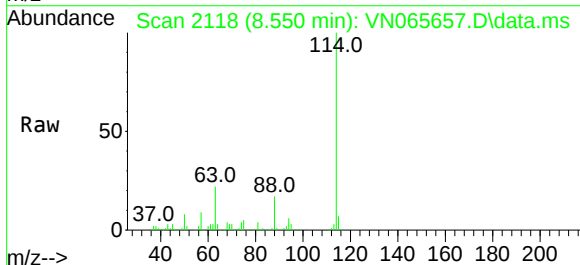
Tgt Ion: 114 Resp: 368701

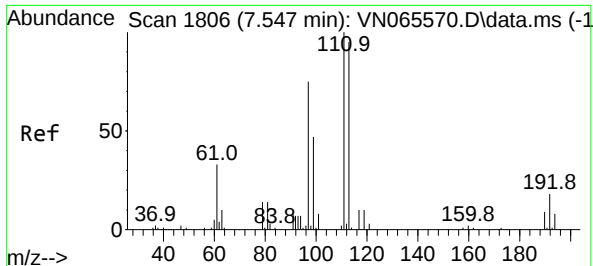
Ion Ratio Lower Upper

114 100

63 21.8 0.0 38.6

88 16.8 0.0 30.6

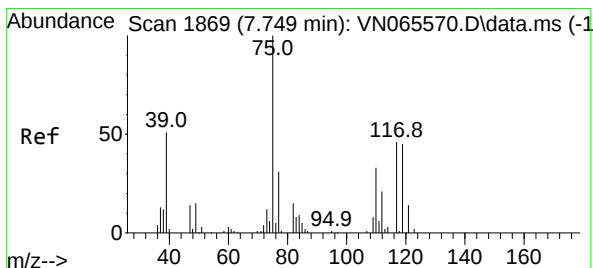
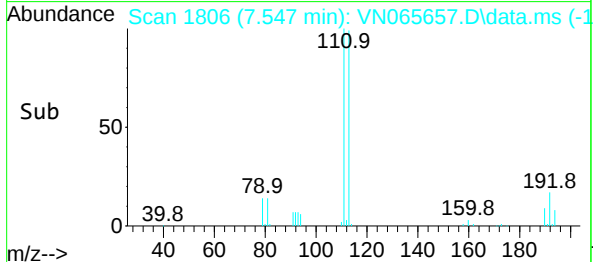
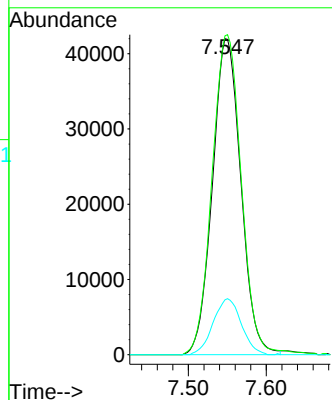
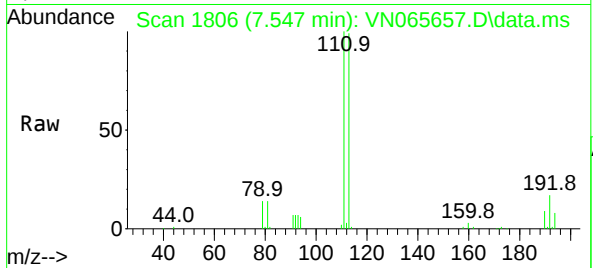




#35
Dibromofluoromethane
Concen: 48.62 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

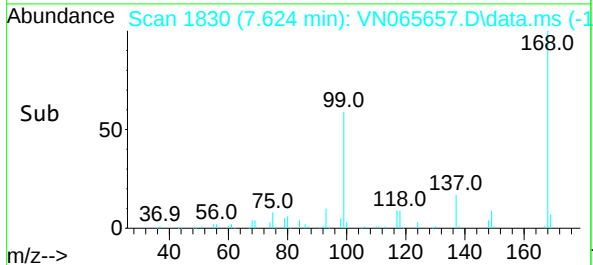
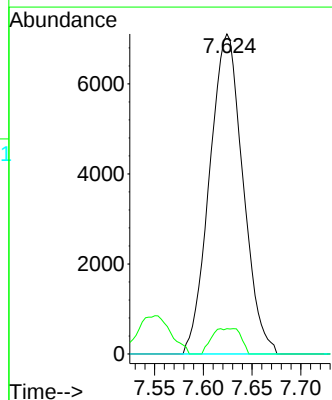
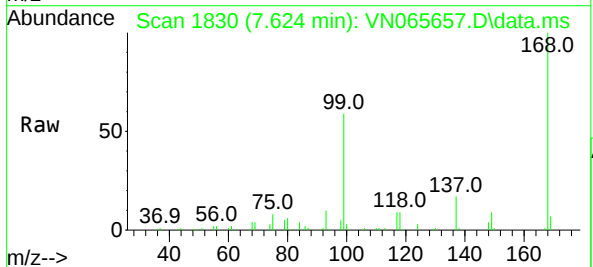
Instrument :
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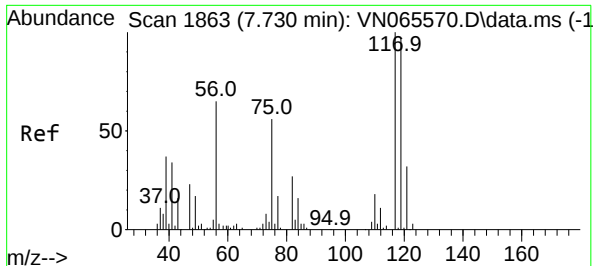
Tgt Ion:113 Resp: 106233
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.2
192 17.6 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.57 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

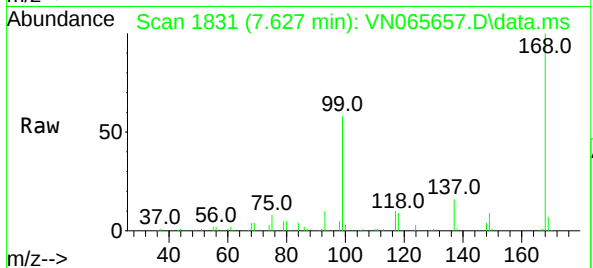
Tgt Ion: 75 Resp: 16951
Ion Ratio Lower Upper
75 100
110 3.3 18.2 54.6#
77 0.0 24.9 37.3#



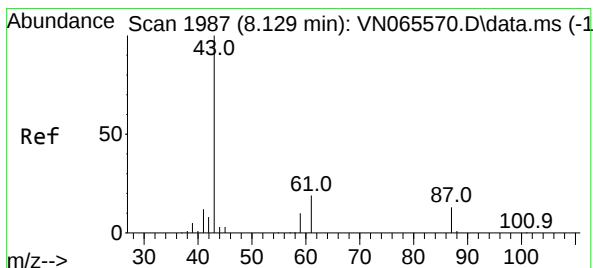
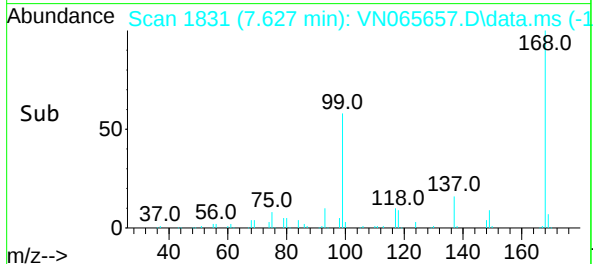
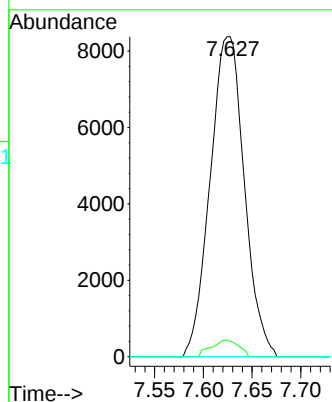


#38
Carbon Tetrachloride
Concen: 6.69 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.103 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#05

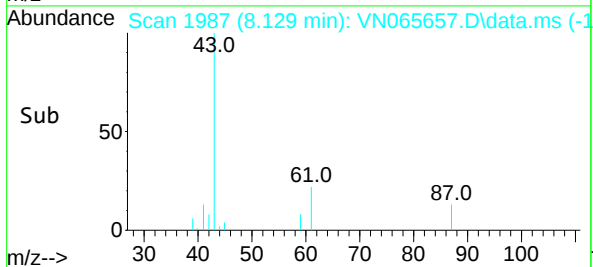
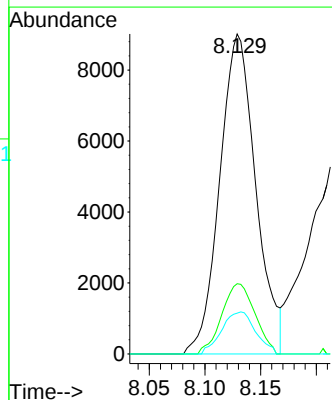
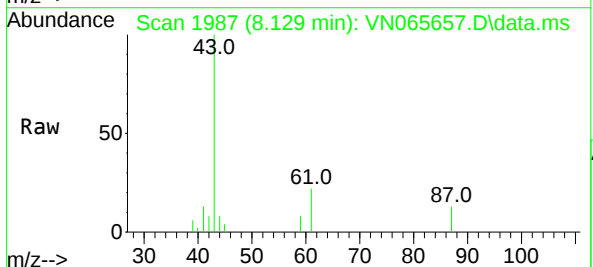


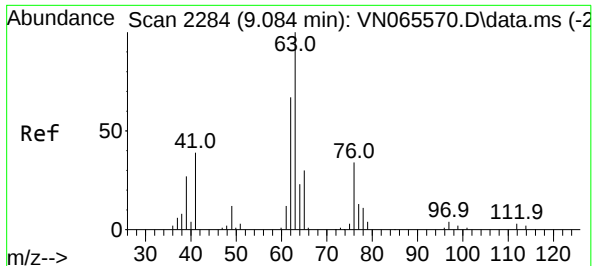
Tgt Ion:117 Resp: 20432
Ion Ratio Lower Upper
117 100
119 4.9 76.0 114.0#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 3.22 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

Tgt Ion: 43 Resp: 20305
Ion Ratio Lower Upper
43 100
61 20.2 22.5 33.7#
87 12.4 11.1 16.7



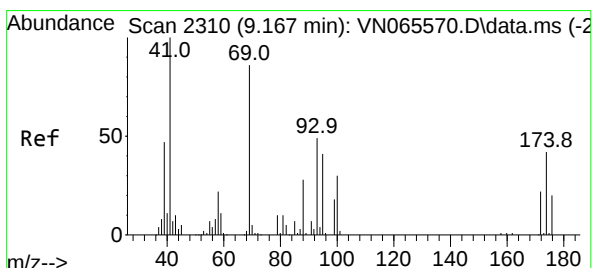
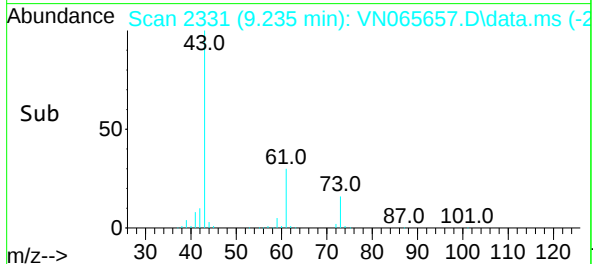
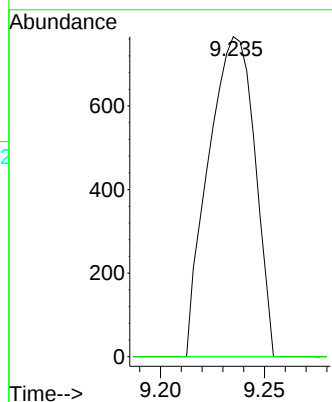
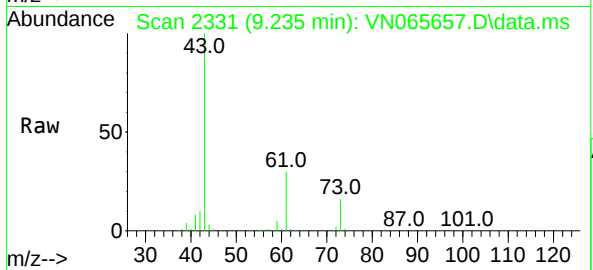


#45

1,2-Dichloropropane
Concen: 0.38 ug/l
RT: 9.235 min Scan# 2331
Delta R.T. 0.151 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#05

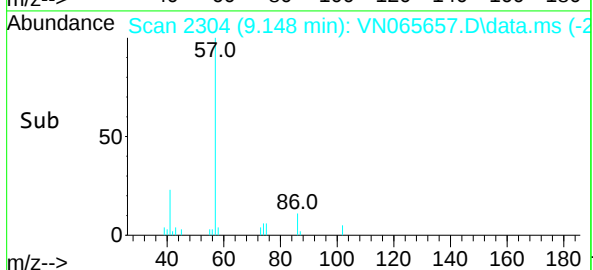
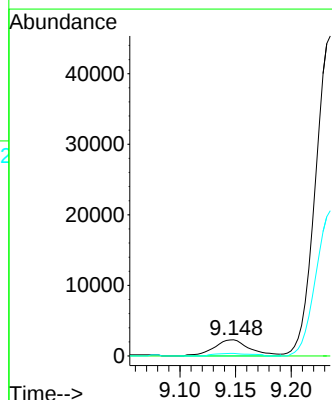
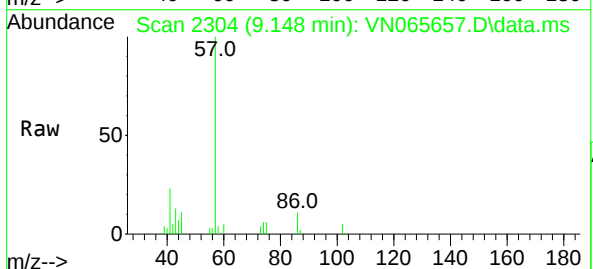
Tgt Ion: 63 Resp: 1186
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

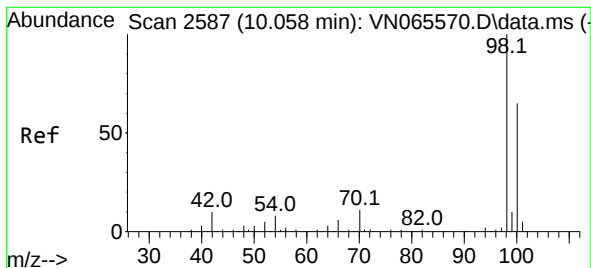


#48

Methyl methacrylate
Concen: 1.71 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

Tgt Ion: 41 Resp: 5112
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

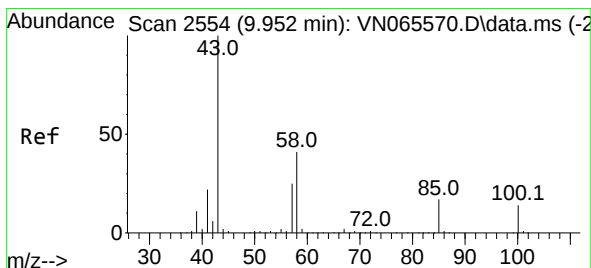
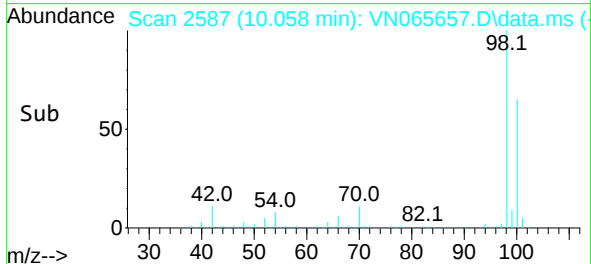
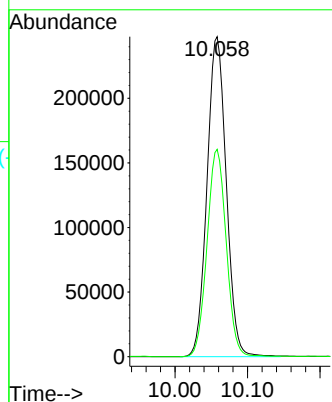
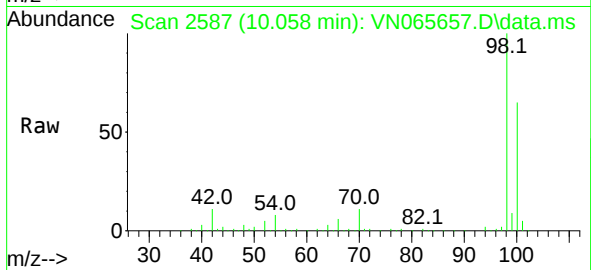




#50
Toluene-d8
Concen: 53.14 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

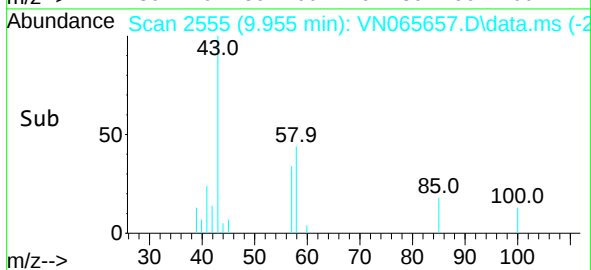
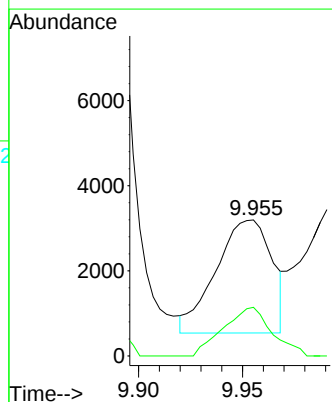
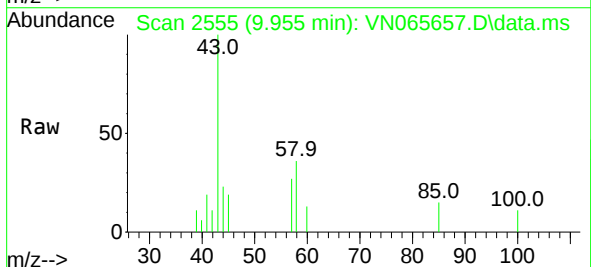
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#05

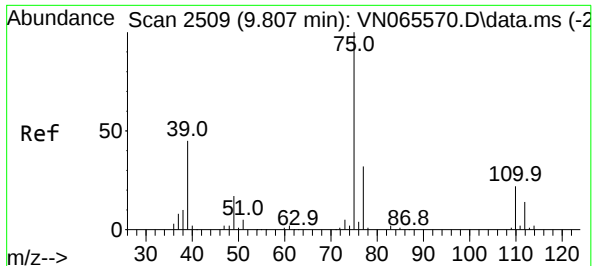
Tgt Ion: 98 Resp: 456363
Ion Ratio Lower Upper
98 100
100 64.7 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.43 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.003 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

Tgt Ion: 43 Resp: 4967
Ion Ratio Lower Upper
43 100
58 37.4 32.5 48.7

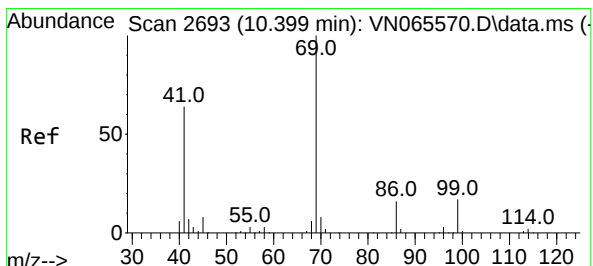
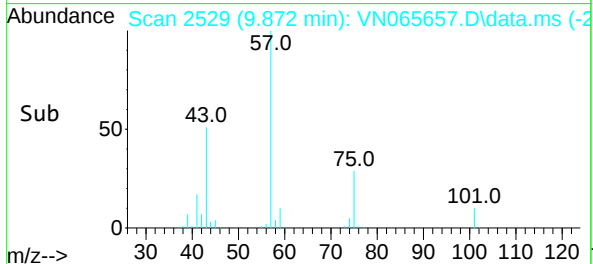
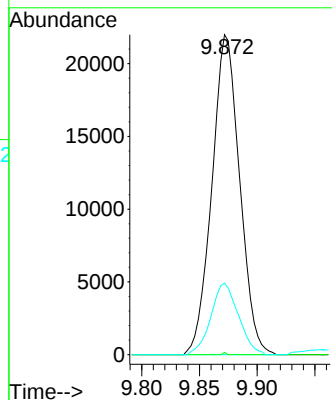
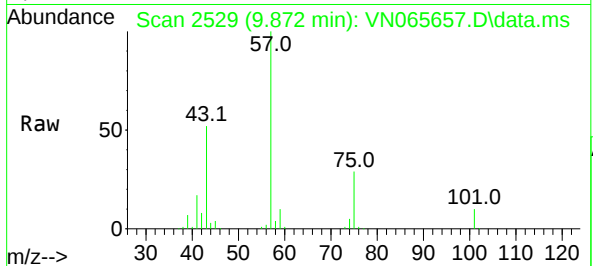




#54
cis-1,3-Dichloropropene
Concen: 7.66 ug/l
RT: 9.872 min Scan# 2529
Delta R.T. 0.065 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

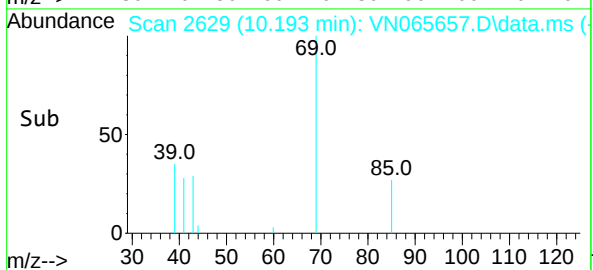
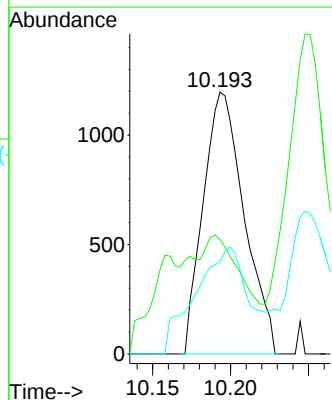
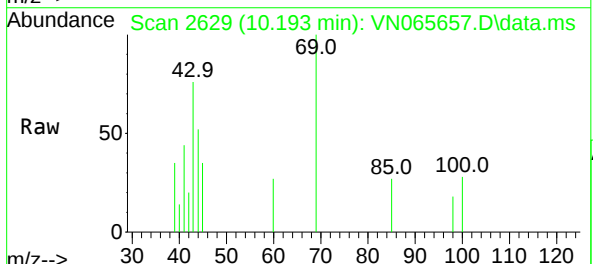
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#05

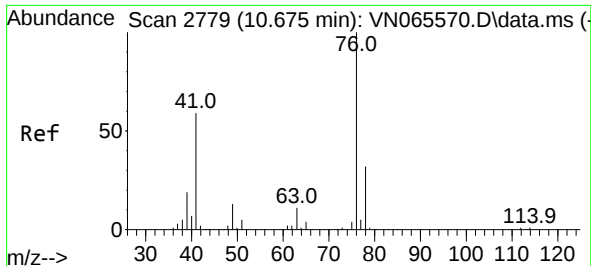
Tgt Ion: 75 Resp: 36714
Ion Ratio Lower Upper
75 100
77 0.7 24.9 37.3#
39 22.4 36.2 54.4#



#56
Ethyl methacrylate
Concen: 0.52 ug/l
RT: 10.193 min Scan# 2629
Delta R.T. -0.206 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

Tgt Ion: 69 Resp: 2189
Ion Ratio Lower Upper
69 100
41 45.1 49.6 74.4#
39 52.8 28.0 42.0#

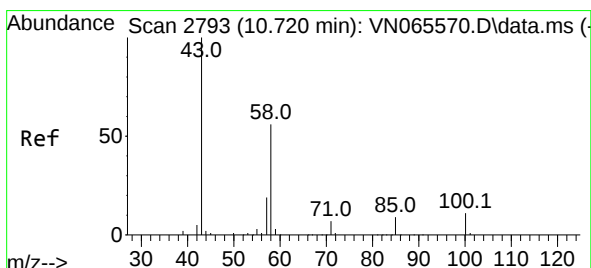
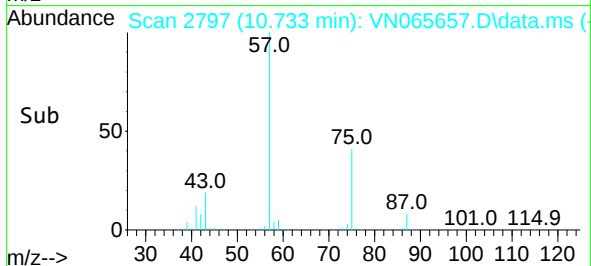
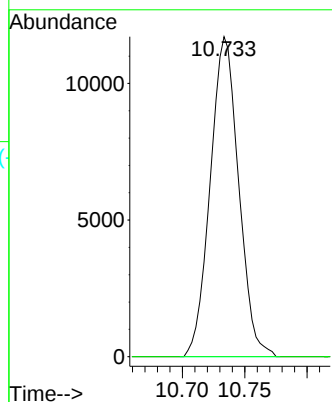
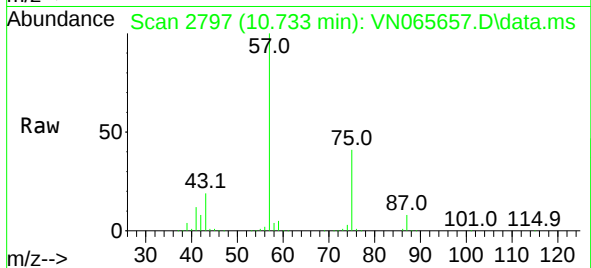




#57
1,3-Dichloropropane
Concen: 4.13 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

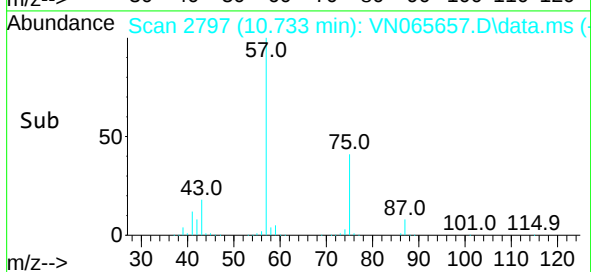
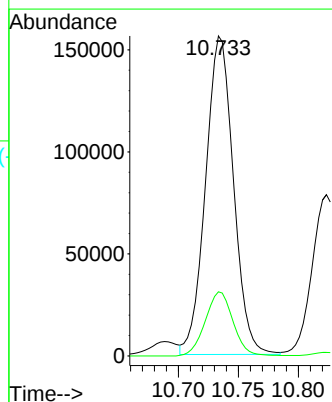
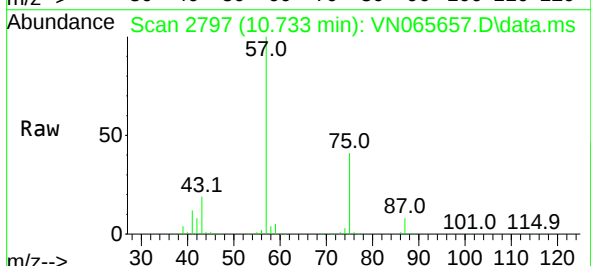
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#05

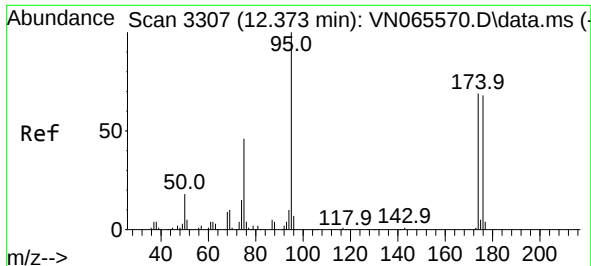
Tgt Ion: 76 Resp: 18598
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 104.56 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

Tgt Ion: 43 Resp: 252594
Ion Ratio Lower Upper
43 100
58 20.1 28.1 84.3#

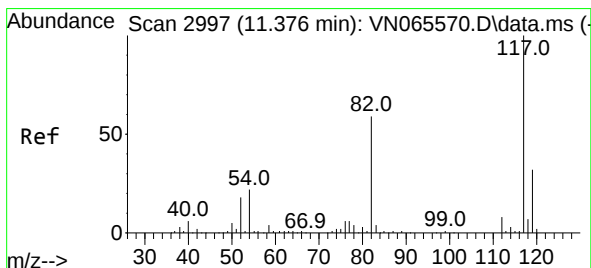
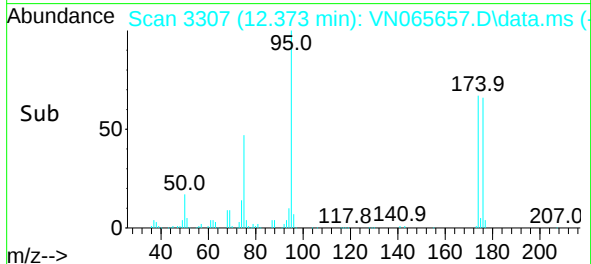
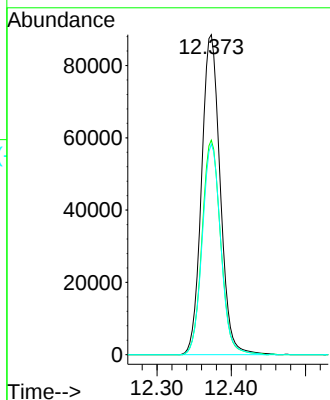
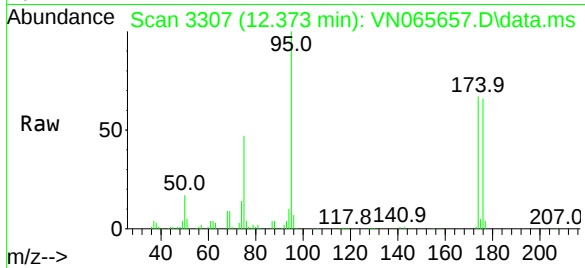




#62
4-Bromofluorobenzene
Concen: 49.87 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

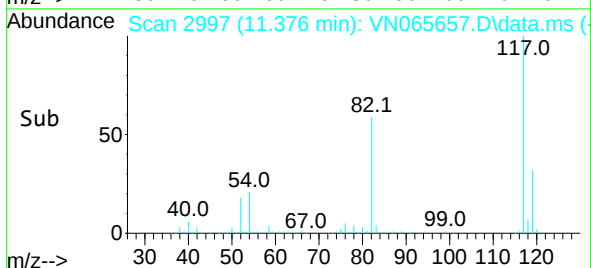
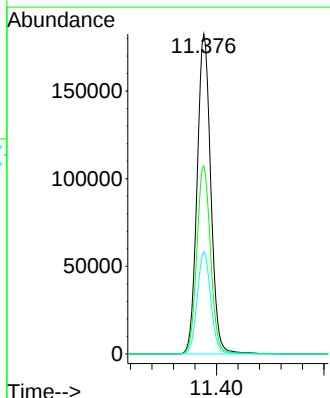
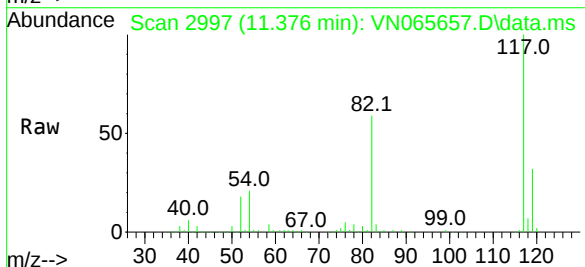
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#05

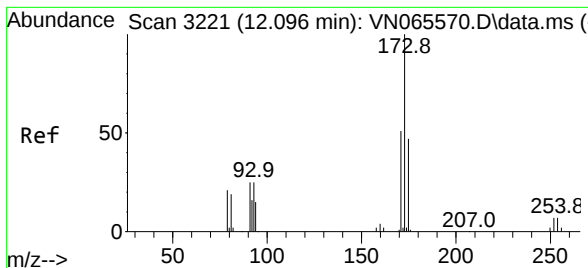
Tgt Ion: 95 Resp: 154222
Ion Ratio Lower Upper
95 100
174 66.8 0.0 169.0
176 65.3 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

Tgt Ion: 117 Resp: 321843
Ion Ratio Lower Upper
117 100
82 58.7 43.7 65.5
119 32.0 26.1 39.1

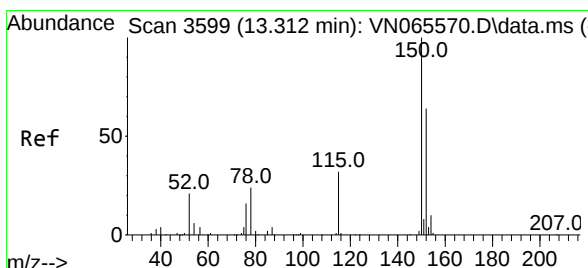
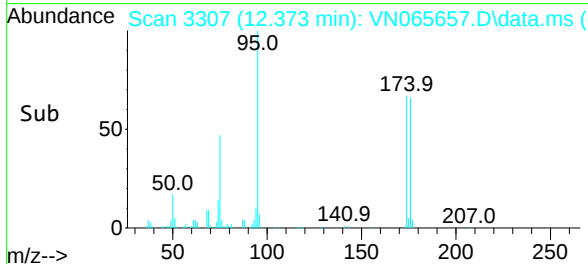
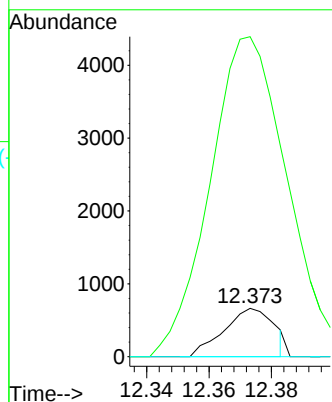
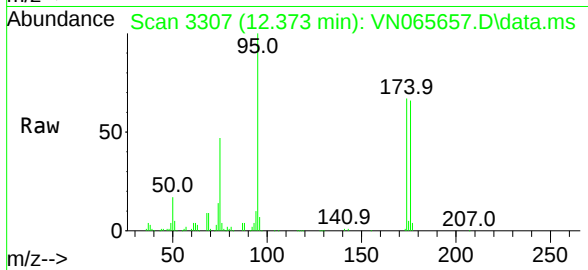




#71
Bromoform
Concen: 0.45 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.277 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

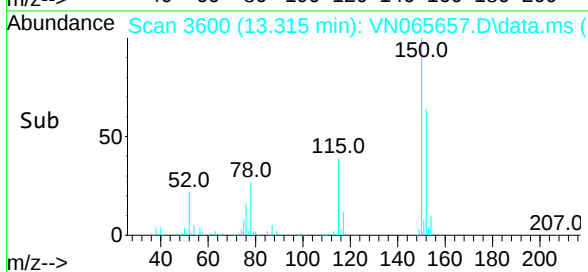
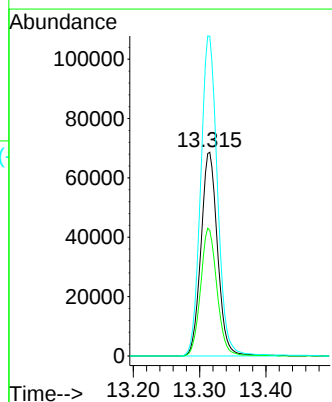
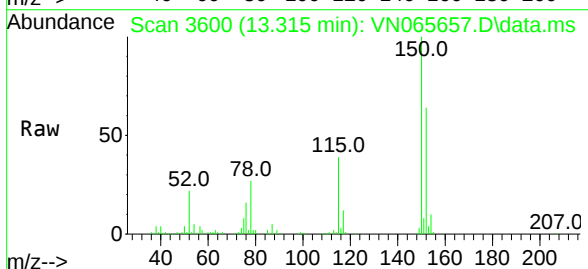
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#05

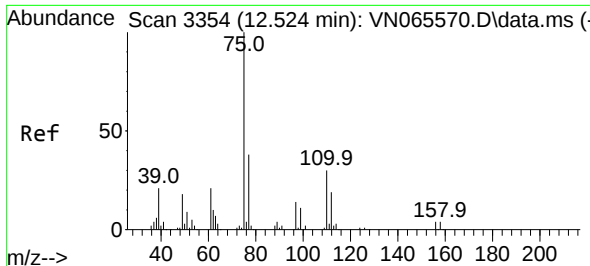
Tgt Ion:173 Resp: 739
Ion Ratio Lower Upper
173 100
175 855.6 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

Tgt Ion:152 Resp: 119066
Ion Ratio Lower Upper
152 100
115 62.0 28.5 85.6
150 158.6 0.0 347.6

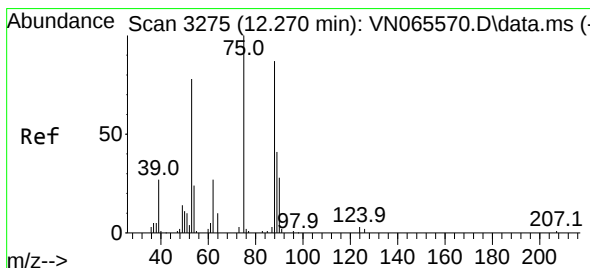
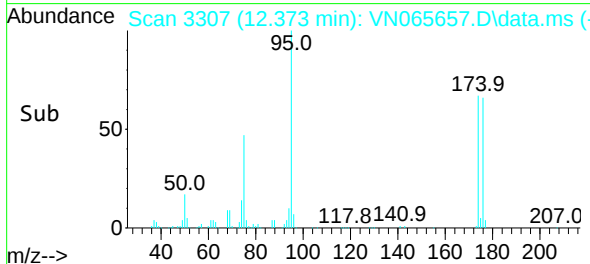
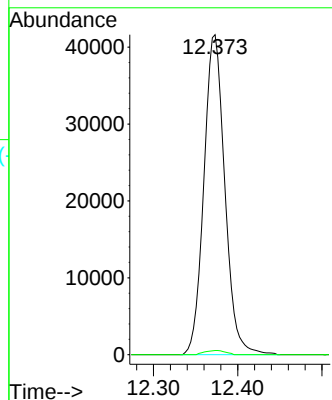
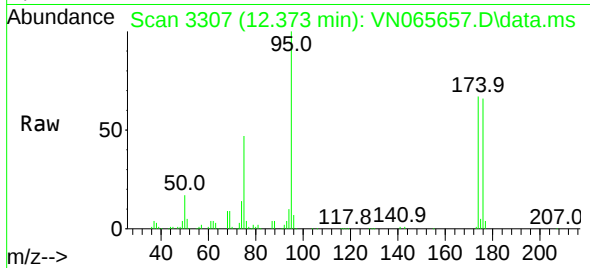




#76
1,2,3-Trichloropropane
Concen: 23.15 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#05

Tgt Ion: 75 Resp: 72079
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.30 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065657.D
Acq: 28 Jan 2021 18:18

Tgt Ion: 75 Resp: 72079
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

