

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
 Data File : VN065656.D
 Acq On : 28 Jan 2021 17:54
 Operator : JC/MD
 Sample : PB134372ZHE#04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134372ZHE#04

Quant Time: Jan 29 01:25:02 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)

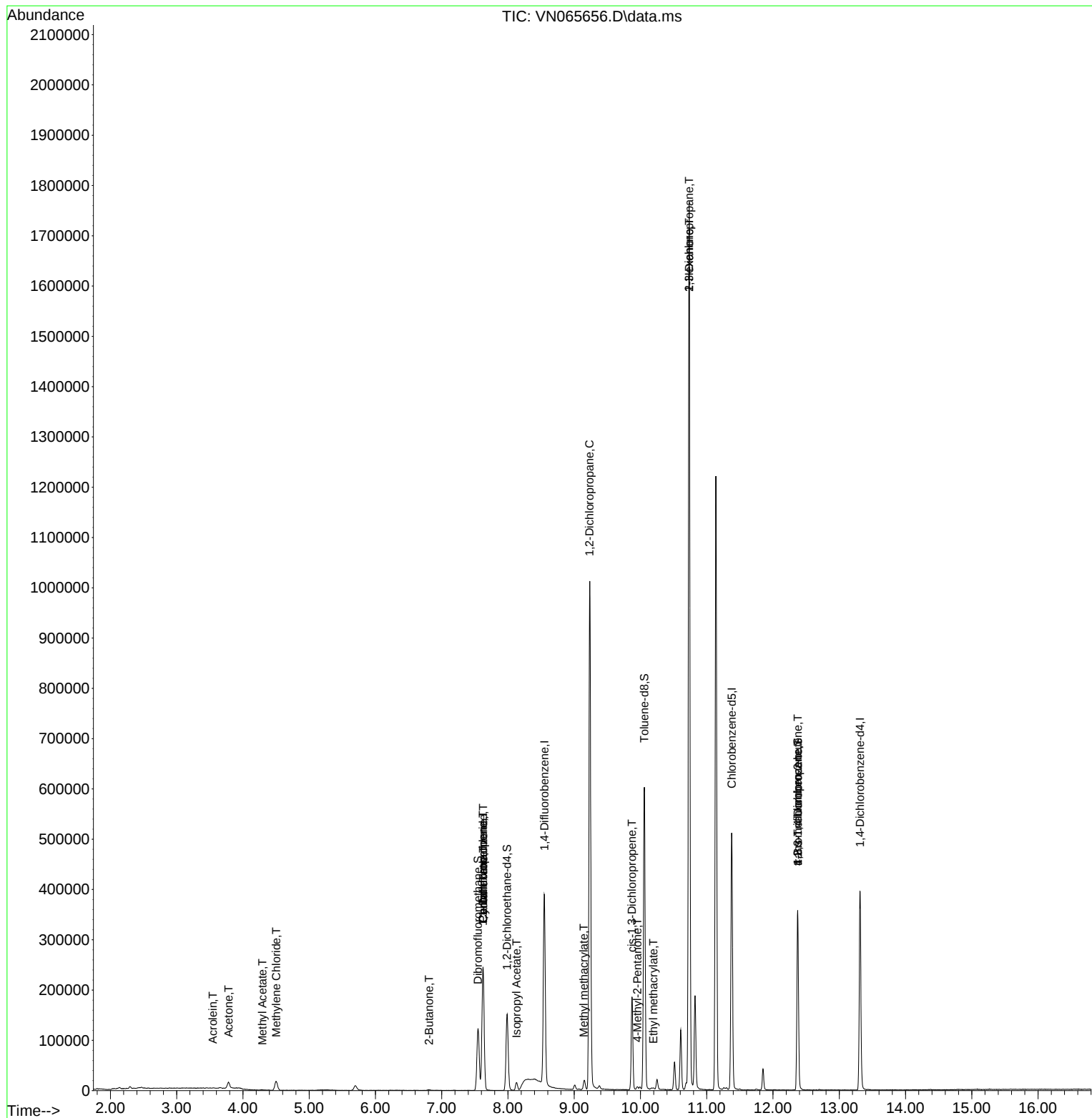
Internal Standards						
1) Pentafluorobenzene	7.624	168	201709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	346325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	303570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	112339	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	126859	47.81	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.62%		
35) Dibromofluoromethane	7.547	113	100813	49.12	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.24%		
50) Toluene-d8	10.058	98	431198	53.45	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.90%		
62) 4-Bromofluorobenzene	12.373	95	143914	49.54	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.08%		
Target Compounds						Qvalue
13) Acrolein	3.547	56	94	18.29	ug/l #	1
16) Acetone	3.782	43	19638	19.01	ug/l	95
18) Methyl Acetate	4.293	43	2402	0.83	ug/l #	51
20) Methylene Chloride	4.502	84	13772	4.81	ug/l	97
25) 2-Butanone	6.807	43	3711	2.29	ug/l #	85
31) Cyclohexane	7.624	56	3957	0.79	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	16243	4.66	ug/l #	47
38) Carbon Tetrachloride	7.624	117	19381	6.76	ug/l #	17
43) Isopropyl Acetate	8.129	43	19415	3.27	ug/l #	89
45) 1,2-Dichloropropane	9.232	63	1190	0.41	ug/l #	44
48) Methyl methacrylate	9.145	41	4798	1.71	ug/l #	10
51) 4-Methyl-2-Pentanone	9.952	43	4752	1.45	ug/l	89
54) cis-1,3-Dichloropropene	9.872	75	36100	8.02	ug/l #	55
56) Ethyl methacrylate	10.196	69	2137	0.54	ug/l #	83
57) 1,3-Dichloropropane	10.733	76	18131	4.28	ug/l #	43
59) 2-Hexanone	10.733	43	249098	109.78	ug/l #	51
76) 1,2,3-Trichloropropane	12.373	75	67599	23.01	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	67599	58.94	ug/l #	12

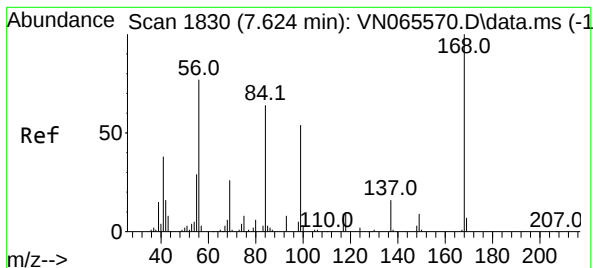
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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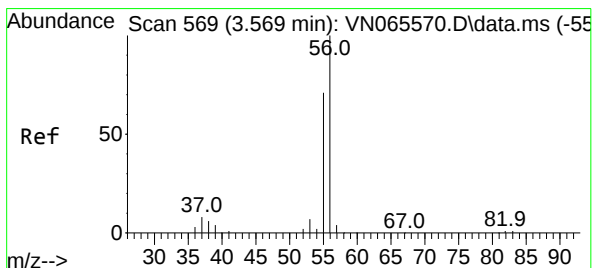
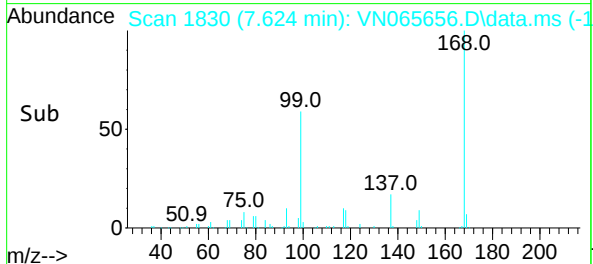
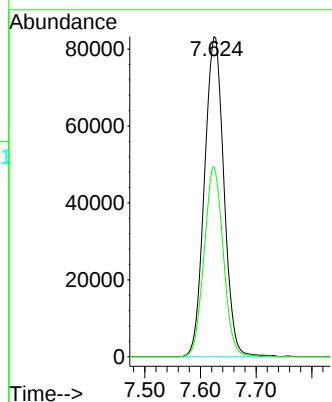
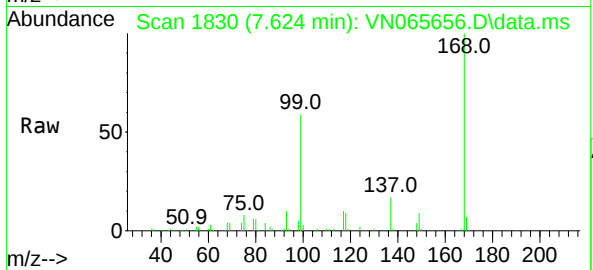


#1

Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.624 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: VN065656.D
 Acq: 28 Jan 2021 17:54

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134372ZHE#04

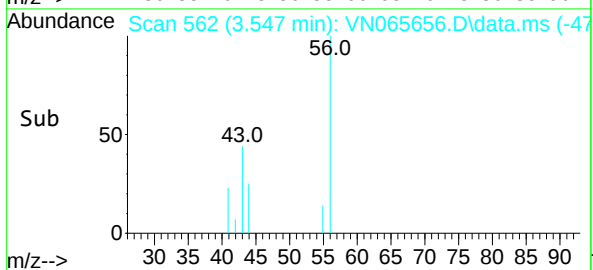
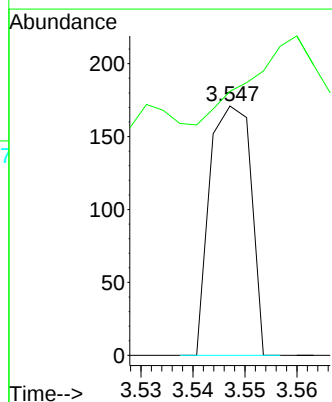
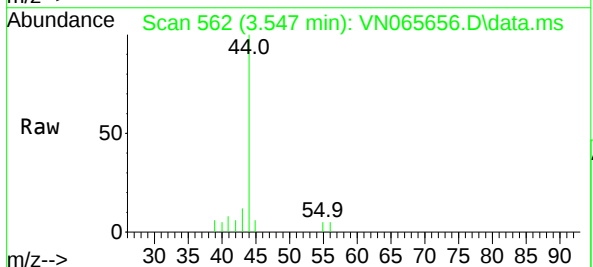
Tgt Ion:168 Resp: 201709
 Ion Ratio Lower Upper
 168 100
 99 59.4 42.6 63.8

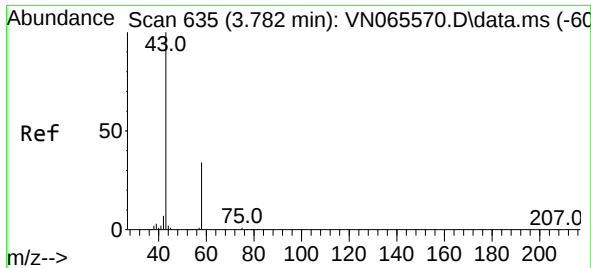


#13

Acrolein
 Concen: 18.29 ug/l
 RT: 3.547 min Scan# 562
 Delta R.T. -0.022 min
 Lab File: VN065656.D
 Acq: 28 Jan 2021 17:54

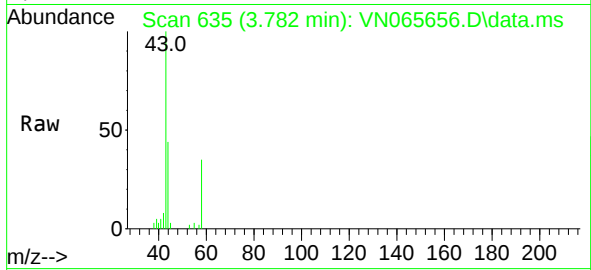
Tgt Ion: 56 Resp: 94
 Ion Ratio Lower Upper
 56 100
 55 167.0 56.0 84.0#



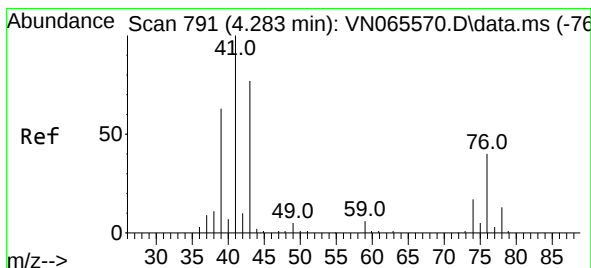
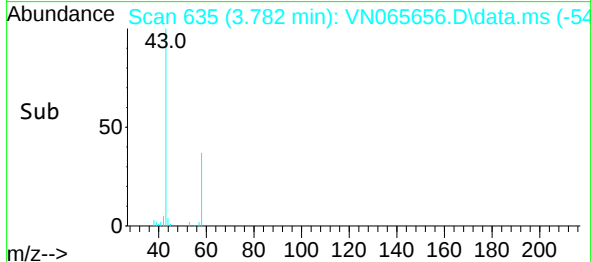
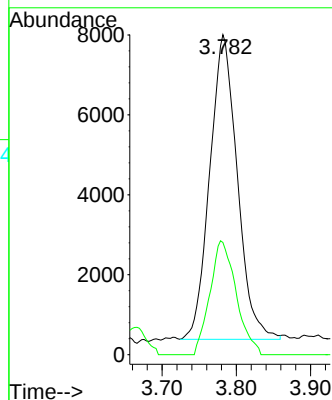


#16
Acetone
Concen: 19.01 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065656.D
Acq: 28 Jan 2021 17:54

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#04

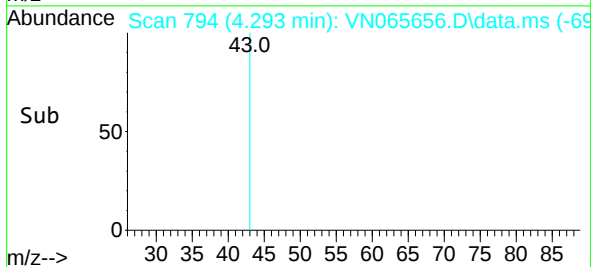
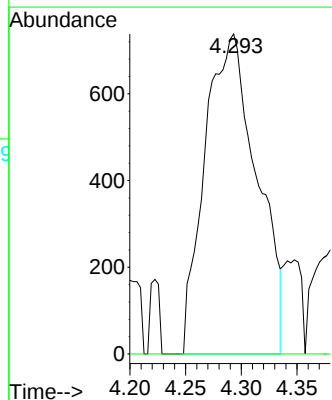
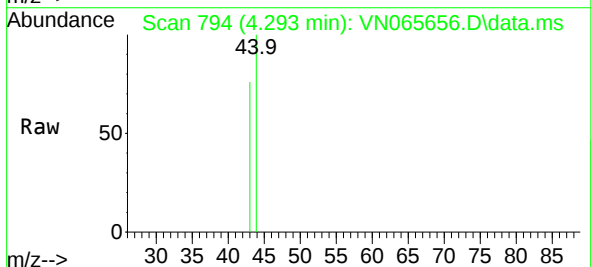


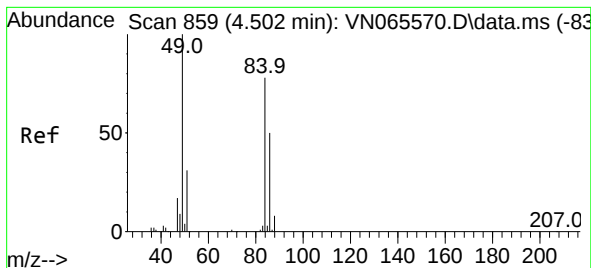
Tgt Ion: 43 Resp: 19638
Ion Ratio Lower Upper
43 100
58 36.8 27.0 40.6



#18
Methyl Acetate
Concen: 0.83 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.010 min
Lab File: VN065656.D
Acq: 28 Jan 2021 17:54

Tgt Ion: 43 Resp: 2402
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#





#20

Methylene Chloride

Concen: 4.81 ug/l

RT: 4.502 min Scan# 859

Delta R.T. 0.000 min

Lab File: VN065656.D

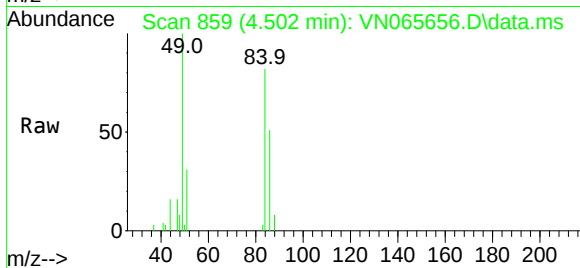
Acq: 28 Jan 2021 17:54

Instrument :

MSVOA_N

ClientSampleId :

PB134372ZHE#04



Tgt Ion: 84 Resp: 13772

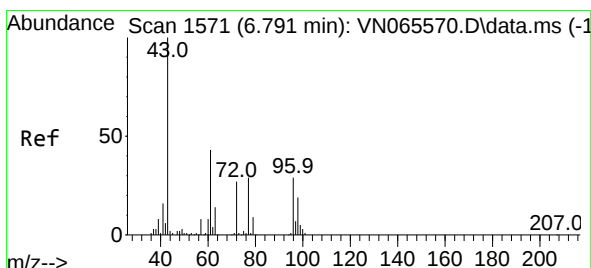
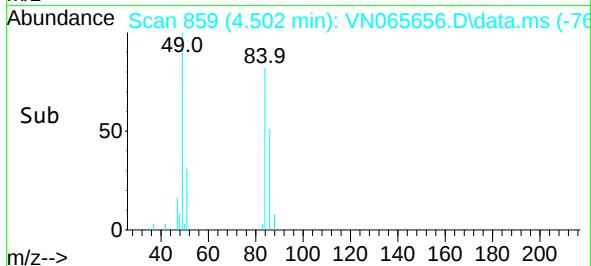
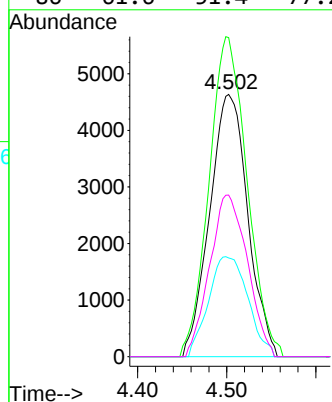
Ion Ratio Lower Upper

84 100

49 121.6 94.6 141.8

51 37.6 29.9 44.9

86 61.6 51.4 77.2



#25

2-Butanone

Concen: 2.29 ug/l

RT: 6.807 min Scan# 1576

Delta R.T. 0.016 min

Lab File: VN065656.D

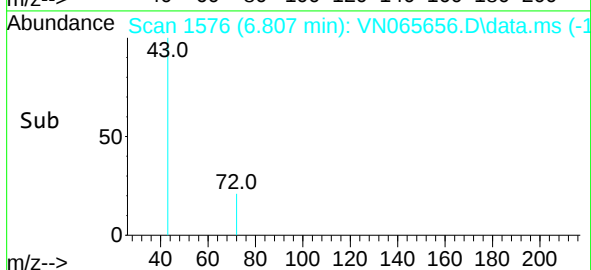
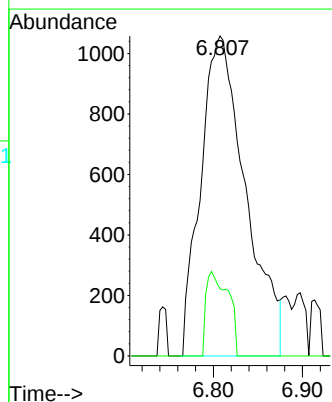
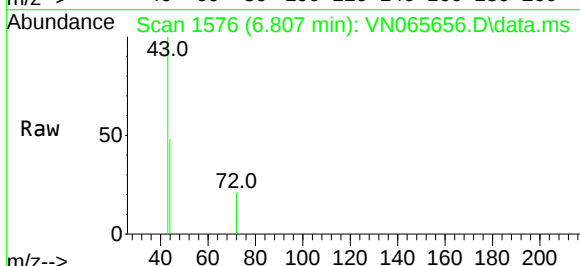
Acq: 28 Jan 2021 17:54

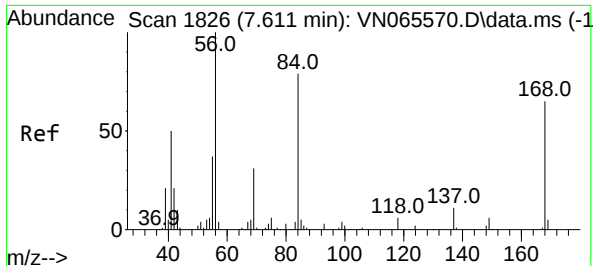
Tgt Ion: 43 Resp: 3711

Ion Ratio Lower Upper

43 100

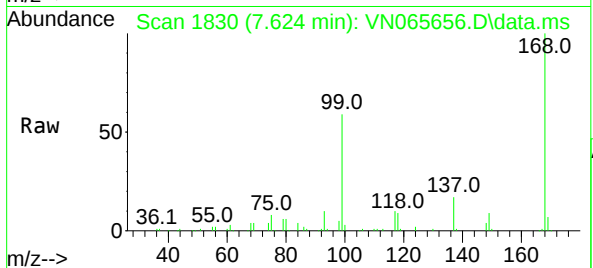
72 21.0 23.1 34.7#



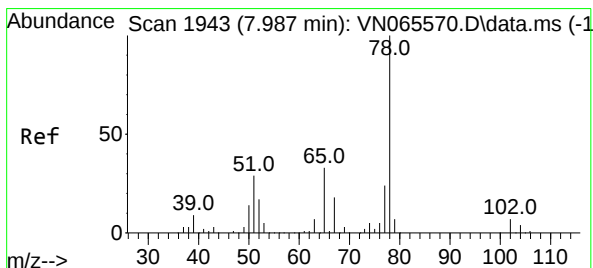
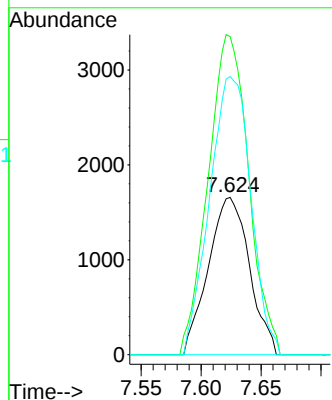
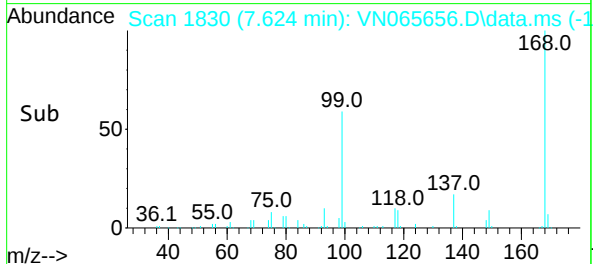


#31
Cyclohexane
Concen: 0.79 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065656.D
Acq: 28 Jan 2021 17:54

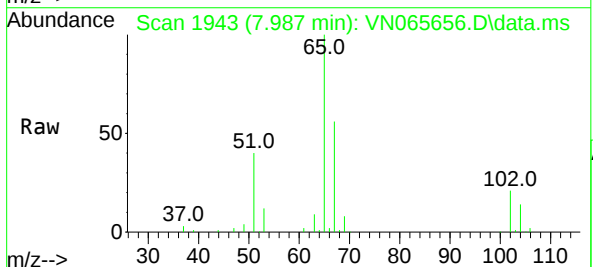
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#04



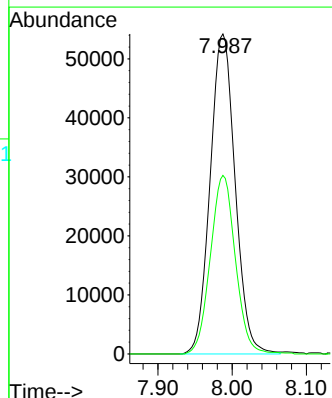
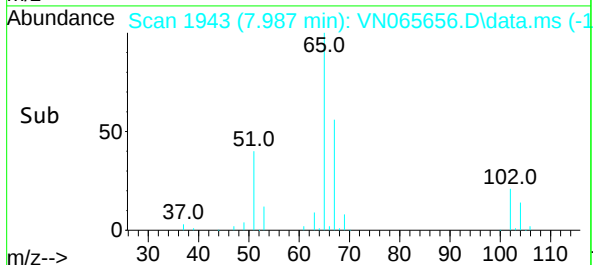
Tgt Ion: 56 Resp: 3957
Ion Ratio Lower Upper
56 100
69 202.1 26.6 39.8#
84 176.7 70.4 105.6#

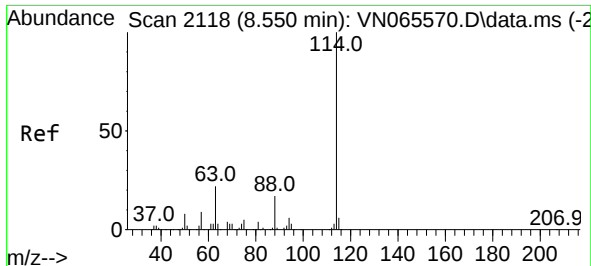


#33
1,2-Dichloroethane-d4
Concen: 47.81 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065656.D
Acq: 28 Jan 2021 17:54



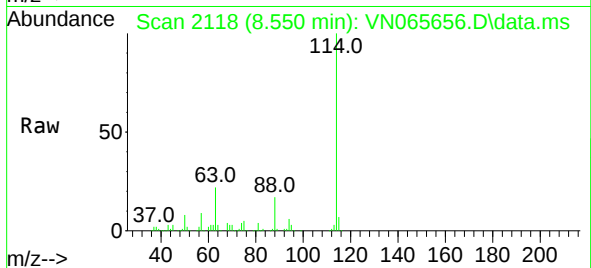
Tgt Ion: 65 Resp: 126859
Ion Ratio Lower Upper
65 100
67 55.9 0.0 107.2



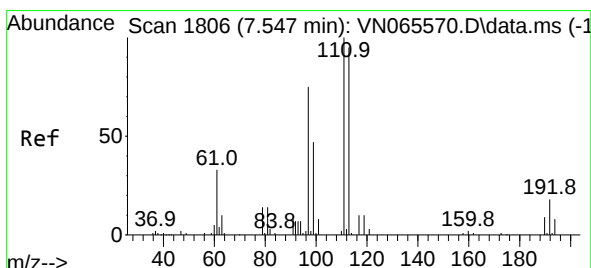
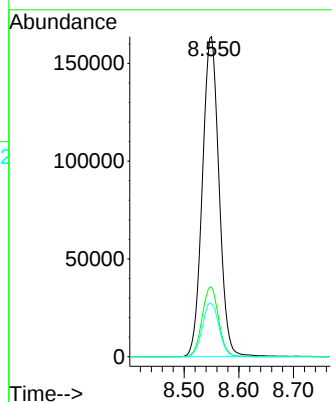
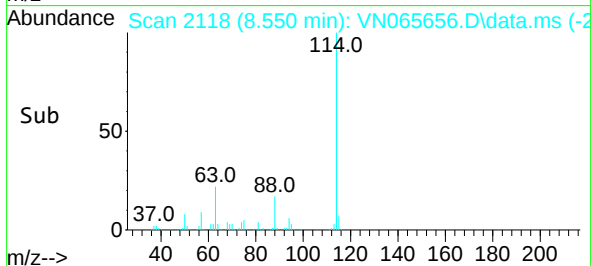


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065656.D
Acq: 28 Jan 2021 17:54

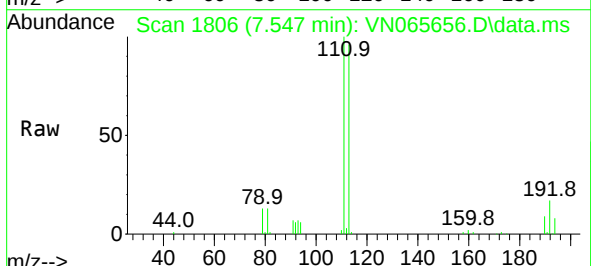
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#04



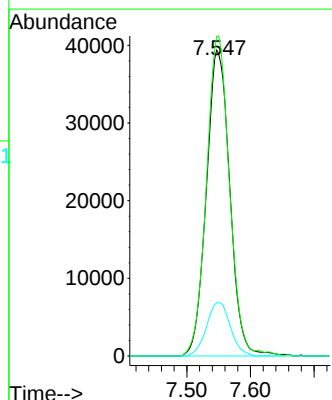
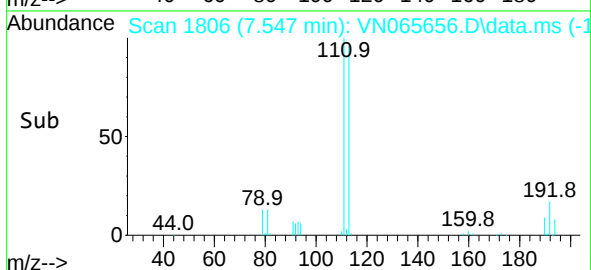
Tgt Ion:114 Resp: 346325
Ion Ratio Lower Upper
114 100
63 21.8 0.0 38.6
88 16.5 0.0 30.6

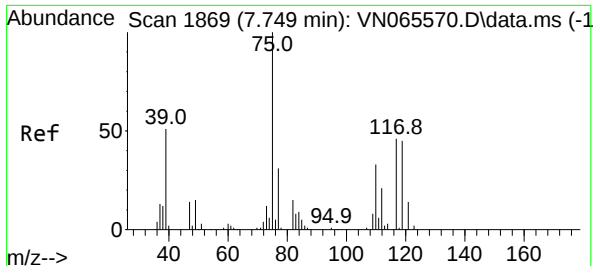


#35
Dibromofluoromethane
Concen: 49.12 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065656.D
Acq: 28 Jan 2021 17:54



Tgt Ion:113 Resp: 100813
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 17.8 15.4 23.0



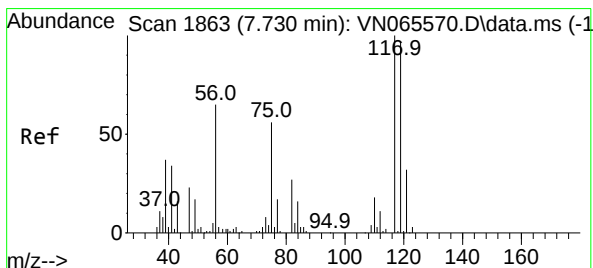
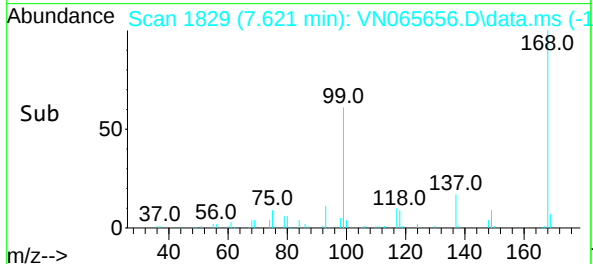
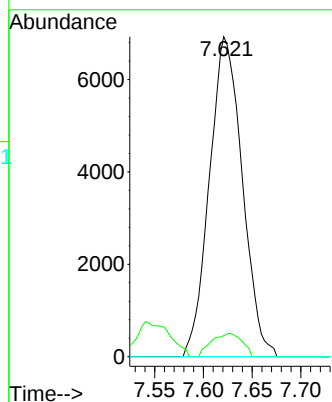
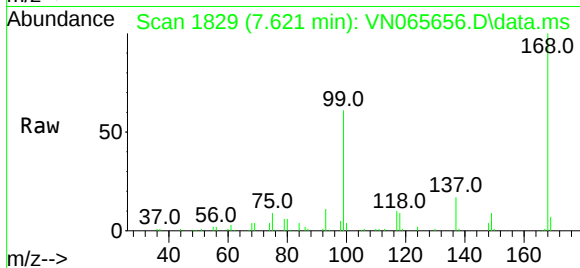


#36

1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065656.D
Acq: 28 Jan 2021 17:54

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#04

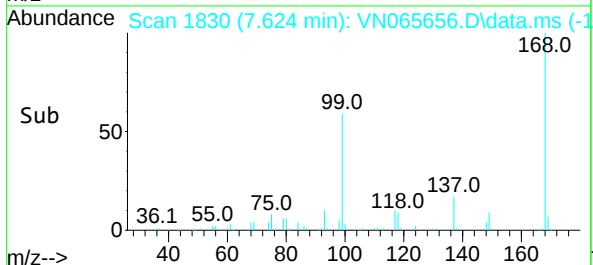
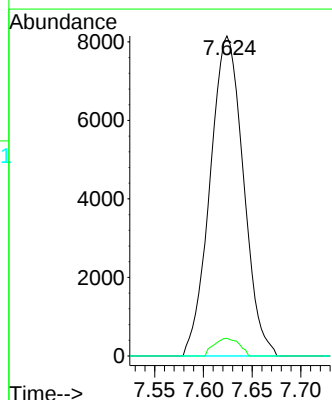
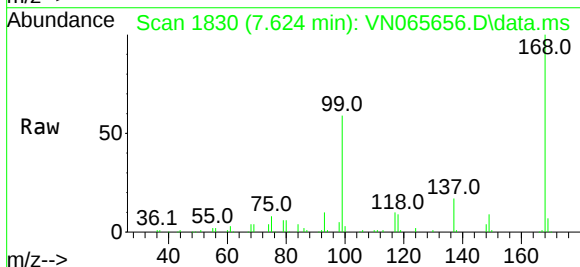
Tgt Ion: 75 Resp: 16243
Ion Ratio Lower Upper
75 100
110 6.8 18.2 54.6#
77 0.0 24.9 37.3#

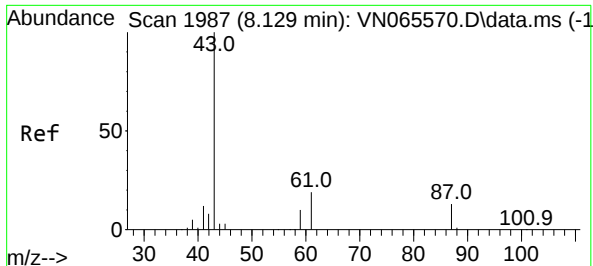


#38

Carbon Tetrachloride
Concen: 6.76 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065656.D
Acq: 28 Jan 2021 17:54

Tgt Ion: 117 Resp: 19381
Ion Ratio Lower Upper
117 100
119 5.5 76.0 114.0#
121 0.0 24.5 36.7#

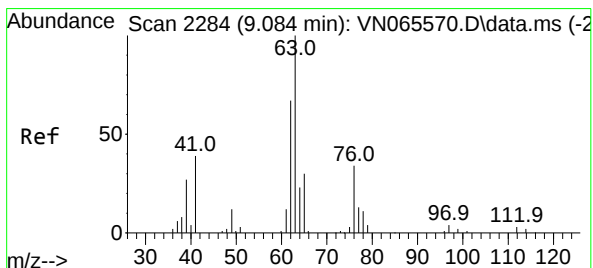
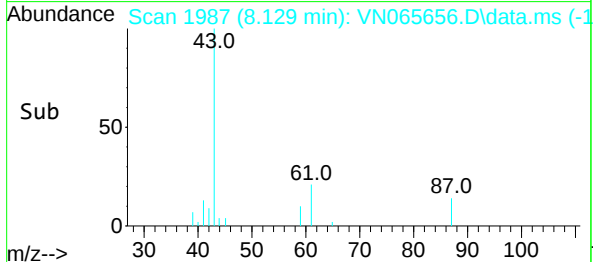
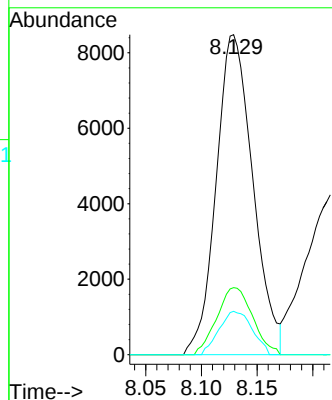
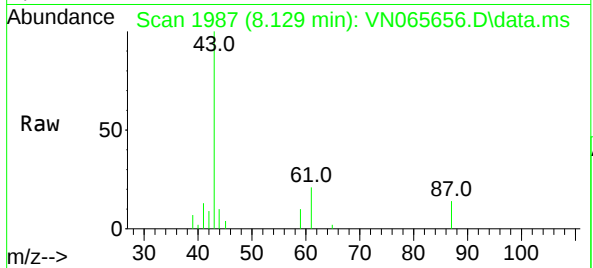




#43
Isopropyl Acetate
Concen: 3.27 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065656.D
Acq: 28 Jan 2021 17:54

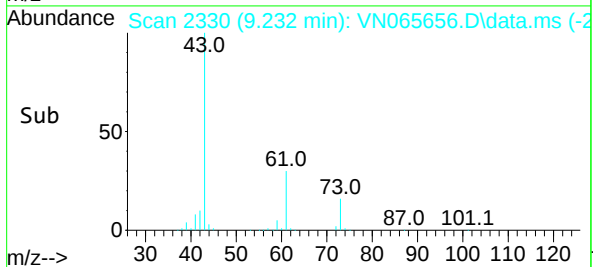
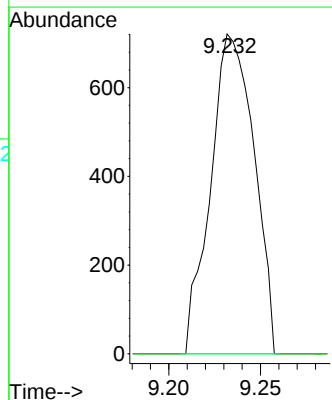
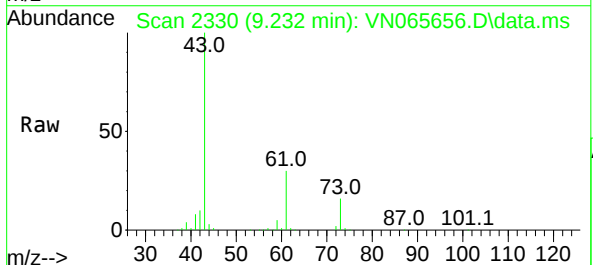
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ClientSampleId :
PB134372ZHE#04

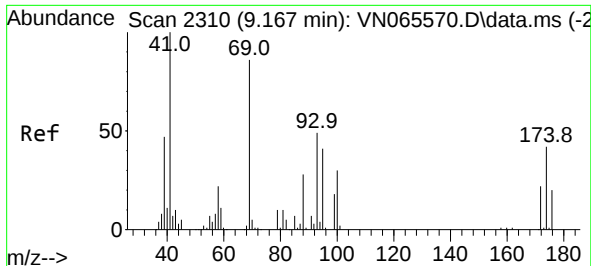
Tgt Ion: 43 Resp: 19415
Ion Ratio Lower Upper
43 100
61 20.5 22.5 33.7#
87 12.3 11.1 16.7



#45
1,2-Dichloropropane
Concen: 0.41 ug/l
RT: 9.232 min Scan# 2330
Delta R.T. 0.148 min
Lab File: VN065656.D
Acq: 28 Jan 2021 17:54

Tgt Ion: 63 Resp: 1190
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

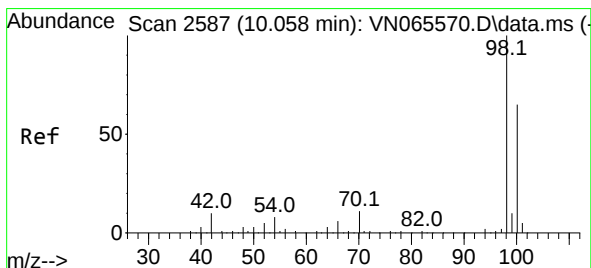
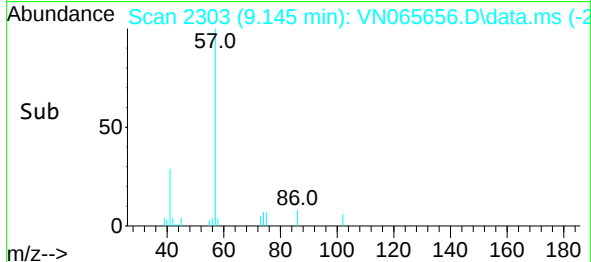
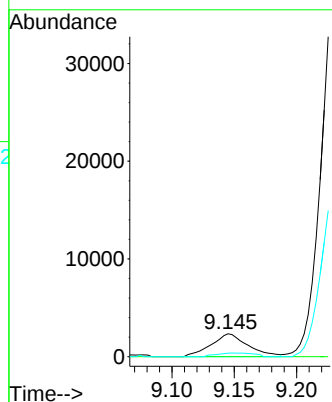
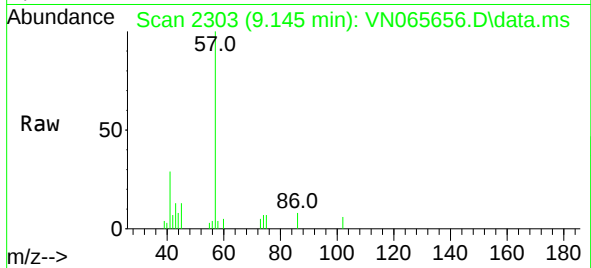




#48
Methyl methacrylate
Concen: 1.71 ug/l
RT: 9.145 min Scan# 2303
Delta R.T. -0.022 min
Lab File: VN065656.D
Acq: 28 Jan 2021 17:54

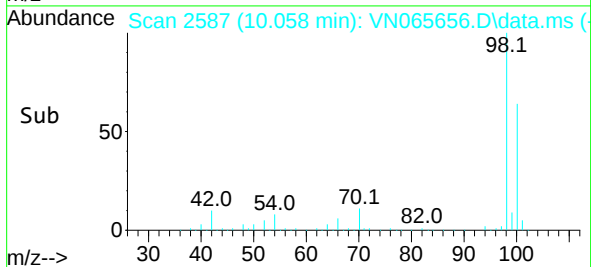
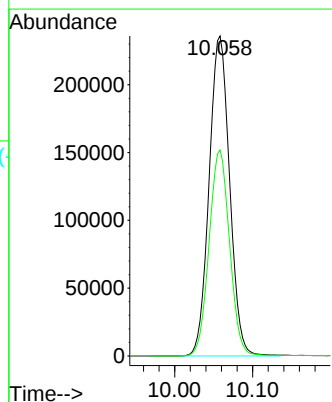
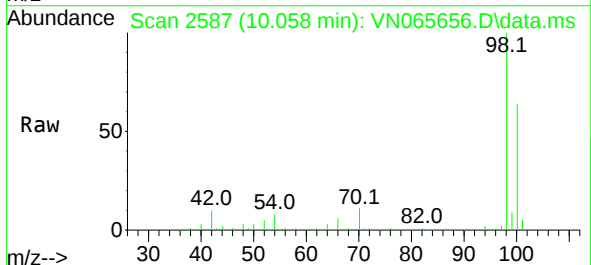
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#04

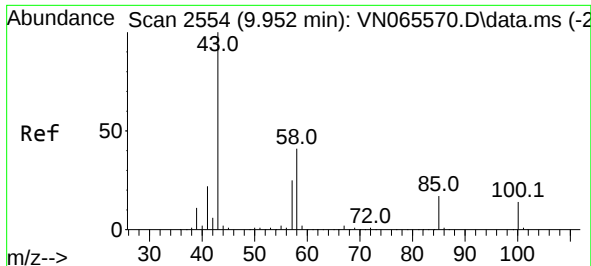
Tgt Ion: 41 Resp: 4798
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 53.45 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065656.D
Acq: 28 Jan 2021 17:54

Tgt Ion: 98 Resp: 431198
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7

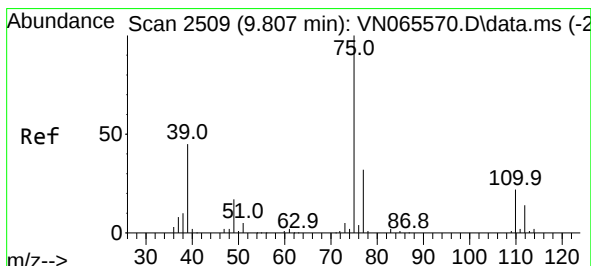
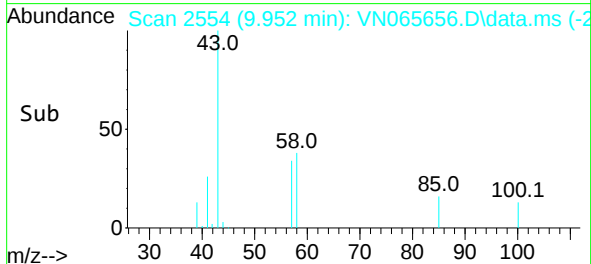
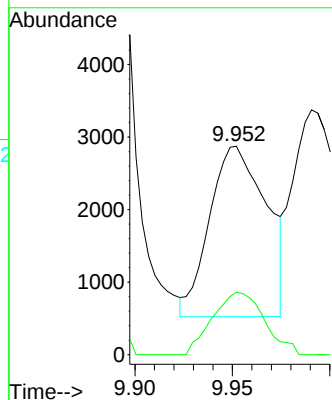
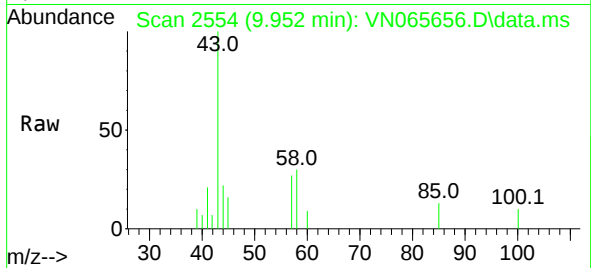




#51
4-Methyl-2-Pentanone
Concen: 1.45 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. 0.000 min
Lab File: VN065656.D
Acq: 28 Jan 2021 17:54

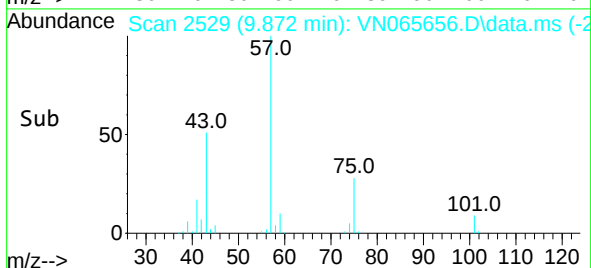
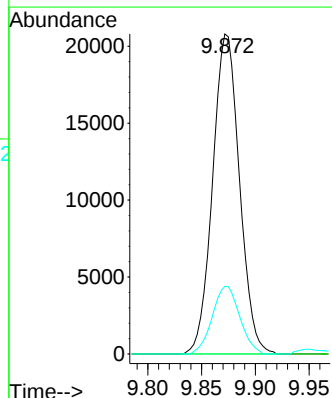
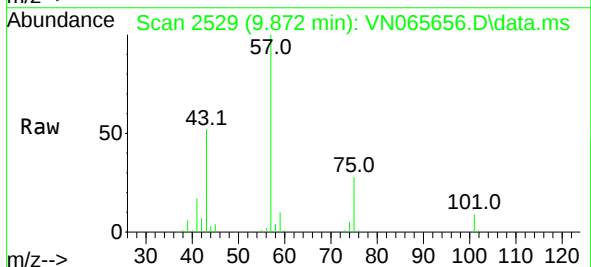
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#04

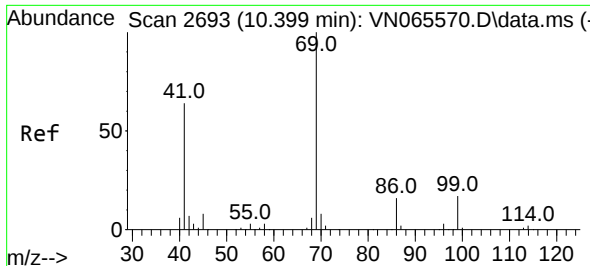
Tgt Ion: 43 Resp: 4752
Ion Ratio Lower Upper
43 100
58 33.5 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 8.02 ug/l
RT: 9.872 min Scan# 2529
Delta R.T. 0.065 min
Lab File: VN065656.D
Acq: 28 Jan 2021 17:54

Tgt Ion: 75 Resp: 36100
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 21.1 36.2 54.4#

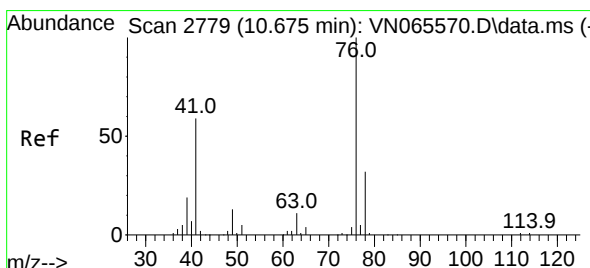
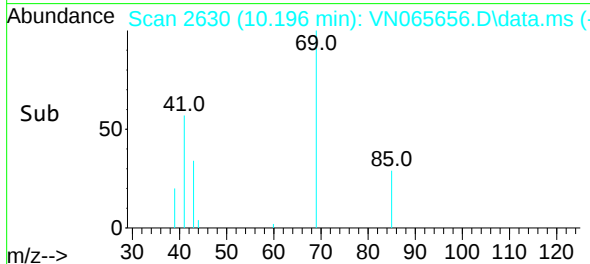
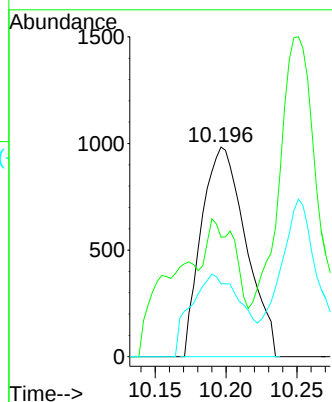
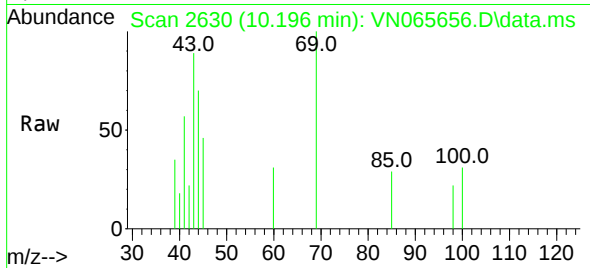




#56
Ethyl methacrylate
Concen: 0.54 ug/l
RT: 10.196 min Scan# 2630
Delta R.T. -0.203 min
Lab File: VN065656.D
Acq: 28 Jan 2021 17:54

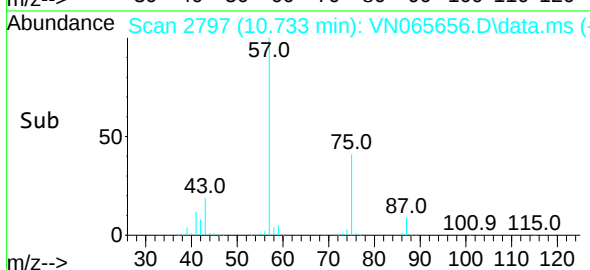
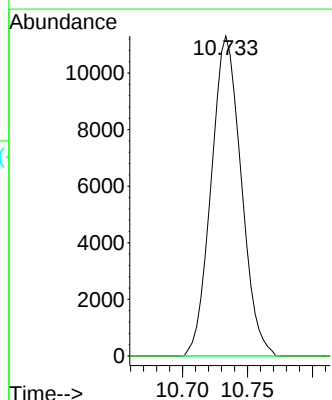
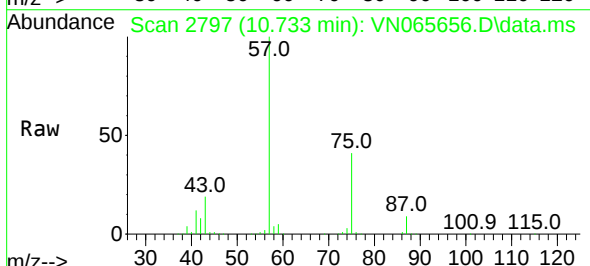
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#04

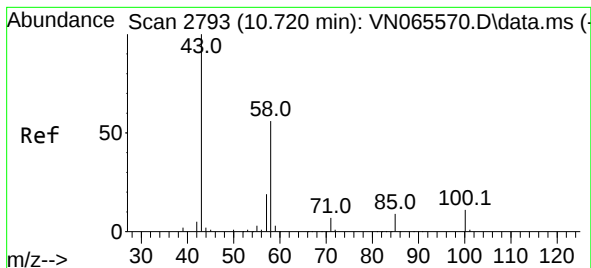
Tgt Ion: 69 Resp: 2137
Ion Ratio Lower Upper
69 100
41 48.9 49.6 74.4#
39 45.2 28.0 42.0#



#57
1,3-Dichloropropane
Concen: 4.28 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065656.D
Acq: 28 Jan 2021 17:54

Tgt Ion: 76 Resp: 18131
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

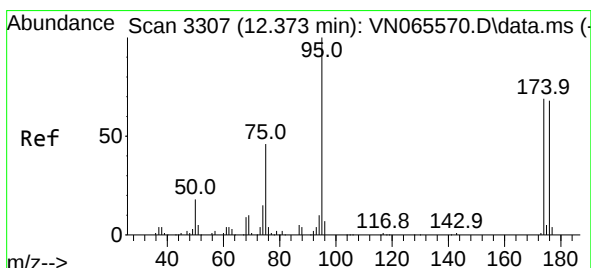
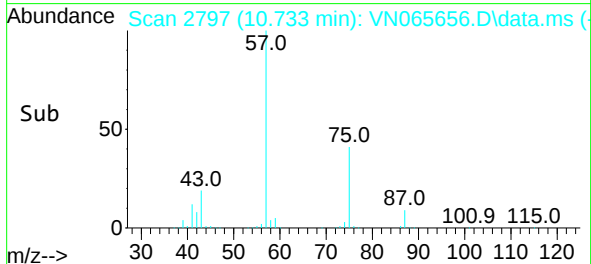
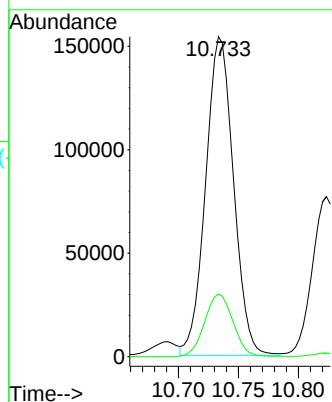
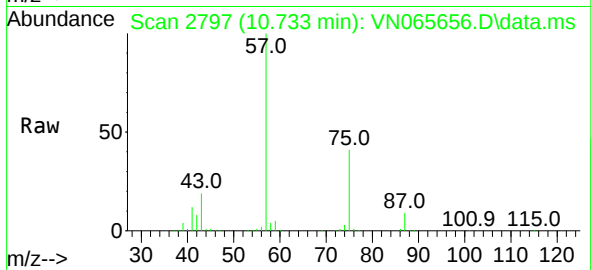




#59
2-Hexanone
Concen: 109.78 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065656.D
Acq: 28 Jan 2021 17:54

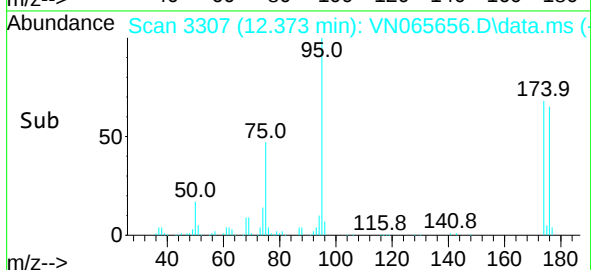
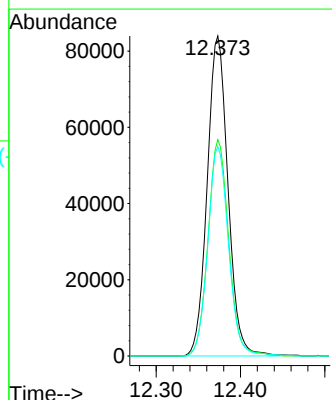
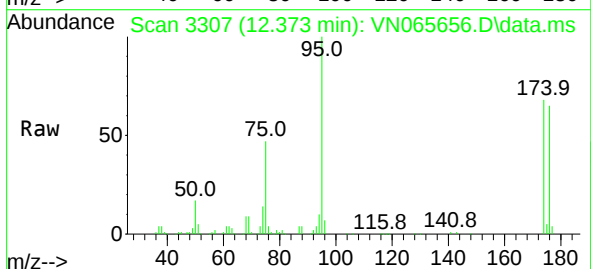
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#04

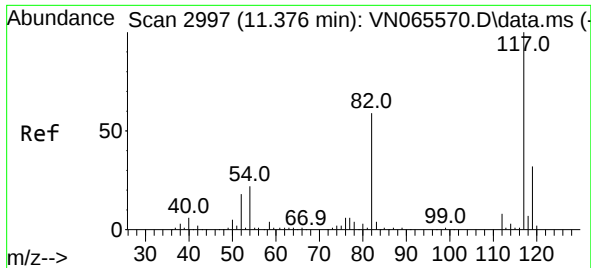
Tgt Ion: 43 Resp: 249098
Ion Ratio Lower Upper
43 100
58 20.1 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 49.54 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065656.D
Acq: 28 Jan 2021 17:54

Tgt Ion: 95 Resp: 143914
Ion Ratio Lower Upper
95 100
174 67.6 0.0 169.0
176 65.4 0.0 162.4

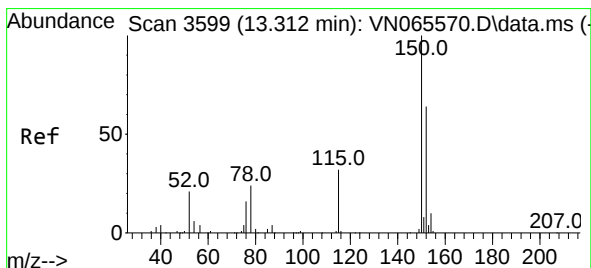
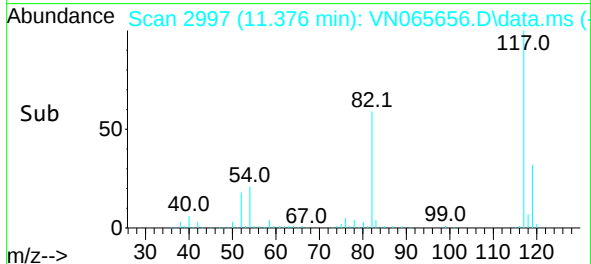
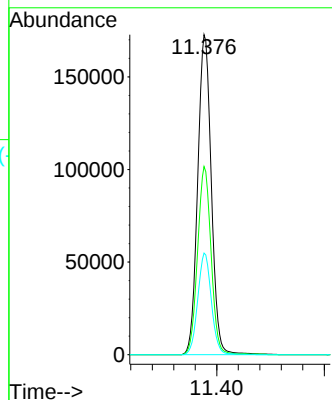
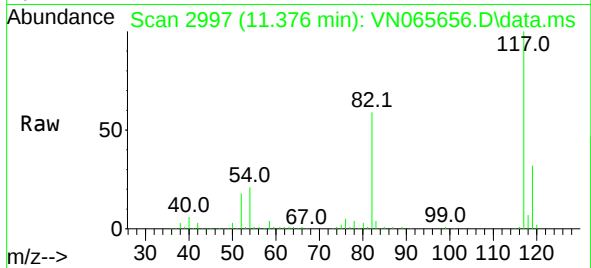




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065656.D
Acq: 28 Jan 2021 17:54

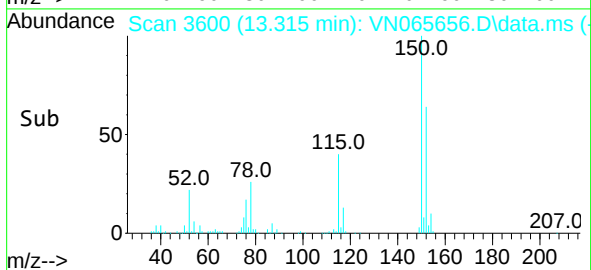
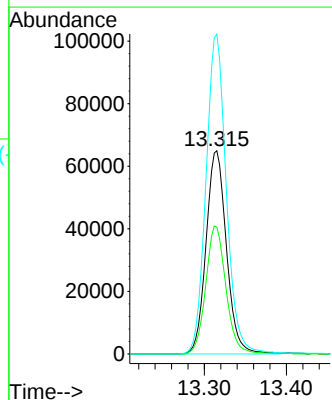
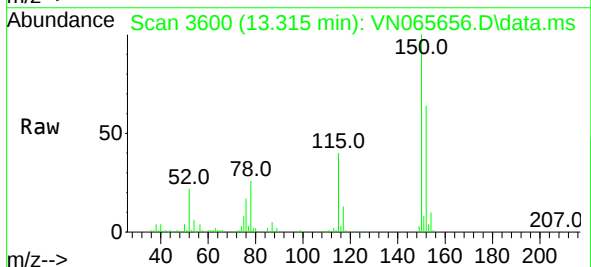
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#04

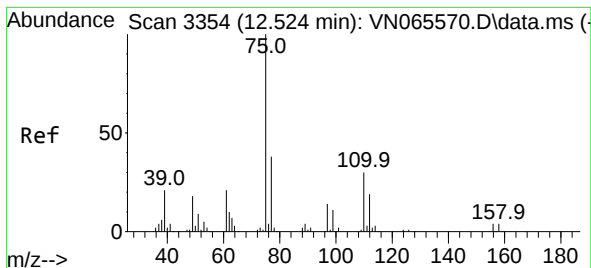
Tgt Ion:117 Resp: 303570
Ion Ratio Lower Upper
117 100
82 58.8 43.7 65.5
119 31.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065656.D
Acq: 28 Jan 2021 17:54

Tgt Ion:152 Resp: 112339
Ion Ratio Lower Upper
152 100
115 62.2 28.5 85.6
150 157.0 0.0 347.6

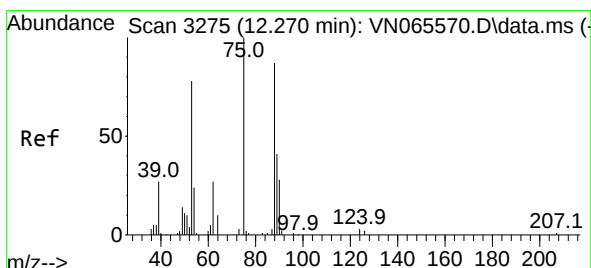
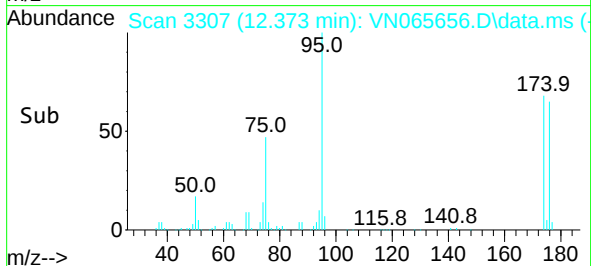
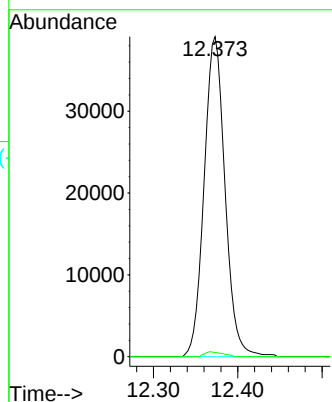
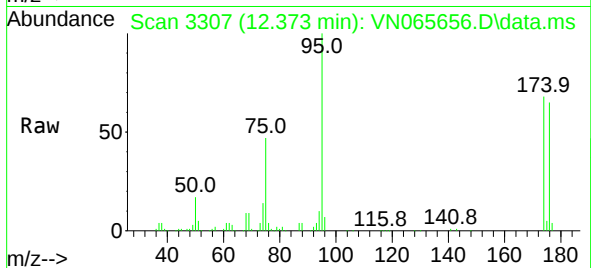




#76
1,2,3-Trichloropropane
Concen: 23.01 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065656.D
Acq: 28 Jan 2021 17:54

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#04

Tgt Ion: 75 Resp: 67599
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.94 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065656.D
Acq: 28 Jan 2021 17:54

Tgt Ion: 75 Resp: 67599
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

