

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
 Data File : VN065655.D
 Acq On : 28 Jan 2021 17:29
 Operator : JC/MD
 Sample : PB134372ZHE#03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134372ZHE#03

Quant Time: Jan 29 01:24:45 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)

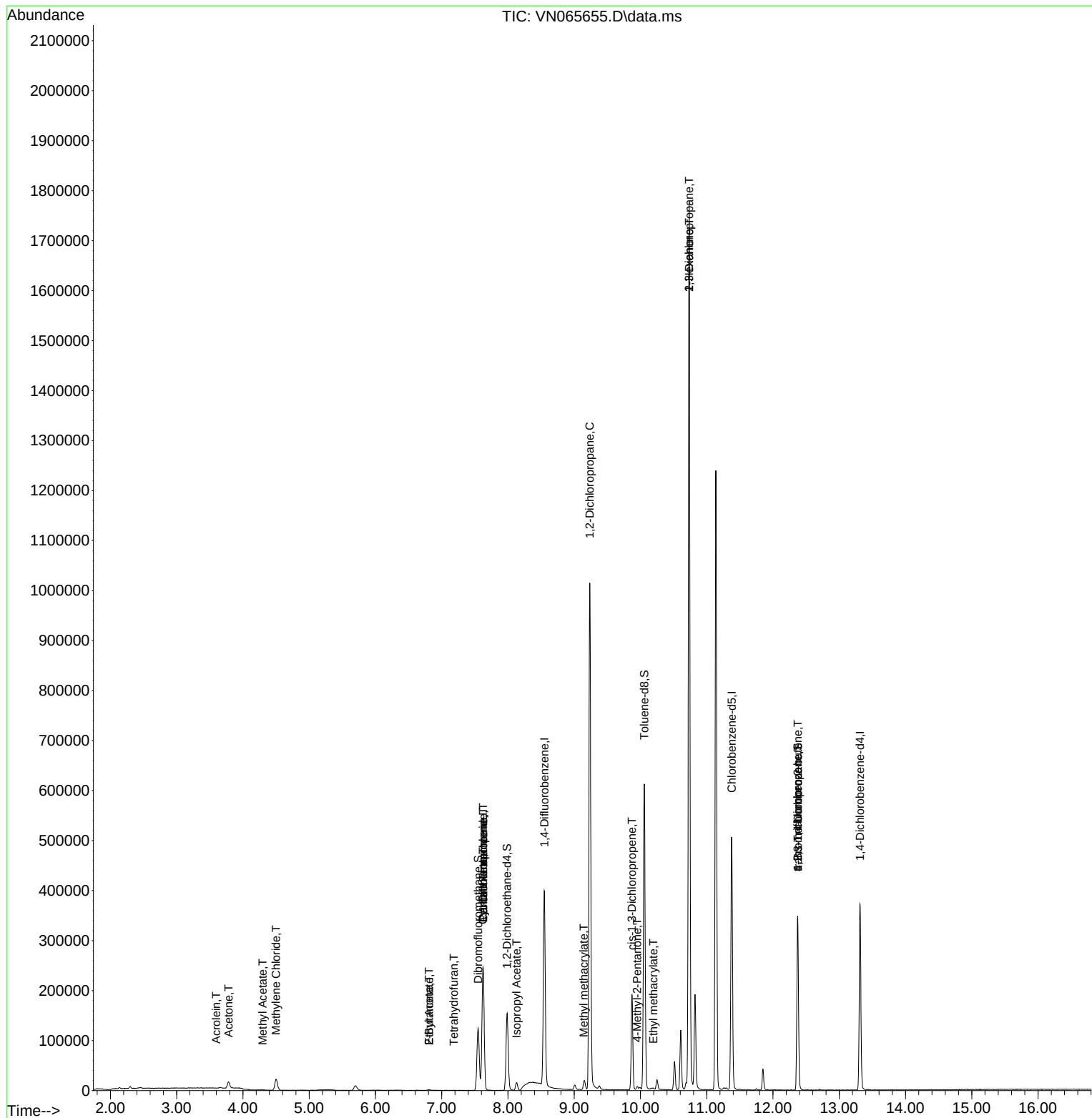
Internal Standards						
1) Pentafluorobenzene	7.624	168	204822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	355068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	301889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	106968	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	128659	47.75	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.50%		
35) Dibromofluoromethane	7.550	113	101476	48.23	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.46%		
50) Toluene-d8	10.058	98	440244	53.23	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.46%		
62) 4-Bromofluorobenzene	12.373	95	139989	47.00	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.00%		
Target Compounds						
					Qvalue	
13) Acrolein	3.595	56	65	18.22	ug/l #	15
16) Acetone	3.782	43	20832	19.86	ug/l	97
18) Methyl Acetate	4.296	43	2382	0.81	ug/l #	51
20) Methylene Chloride	4.499	84	16454	5.66	ug/l	99
25) 2-Butanone	6.807	43	3886	2.36	ug/l	97
29) Tetrahydrofuran	7.183	42	287	0.24	ug/l #	32
31) Cyclohexane	7.621	56	4206	0.83	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	16385	4.59	ug/l #	47
37) Ethyl Acetate	6.807	43	3886	1.13	ug/l #	68
38) Carbon Tetrachloride	7.624	117	20390	6.93	ug/l #	16
43) Isopropyl Acetate	8.129	43	20014	3.29	ug/l #	87
45) 1,2-Dichloropropane	9.235	63	1374	0.46	ug/l #	44
48) Methyl methacrylate	9.145	41	4708	1.63	ug/l #	10
51) 4-Methyl-2-Pentanone	9.949	43	4483	1.34	ug/l	97
54) cis-1,3-Dichloropropene	9.871	75	36218	7.85	ug/l #	55
56) Ethyl methacrylate	10.196	69	2348	0.58	ug/l	92
57) 1,3-Dichloropropane	10.733	76	18863	4.35	ug/l #	43
59) 2-Hexanone	10.733	43	251771	108.22	ug/l #	51
76) 1,2,3-Trichloropropane	12.373	75	65425	23.39	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	65425	59.91	ug/l #	12

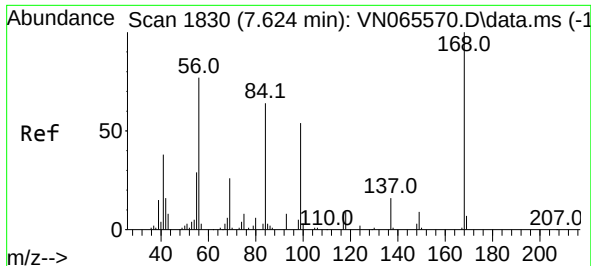
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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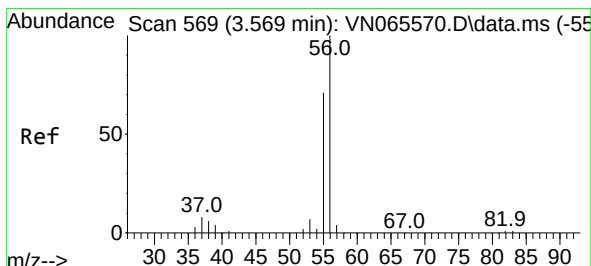
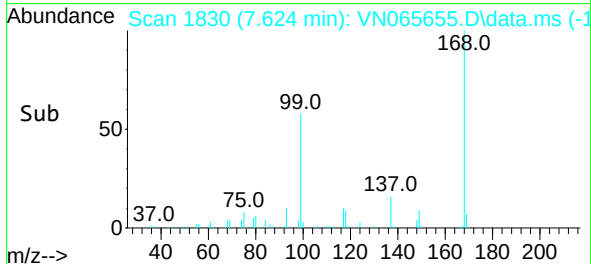
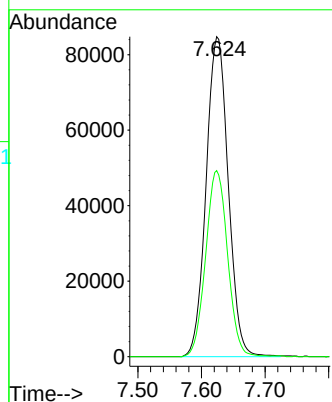
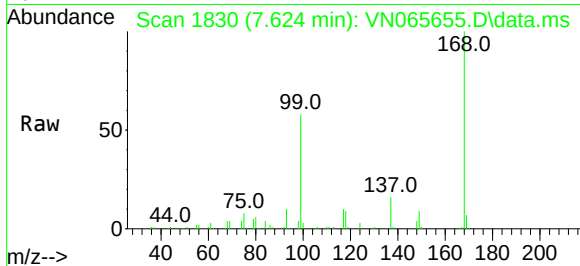




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

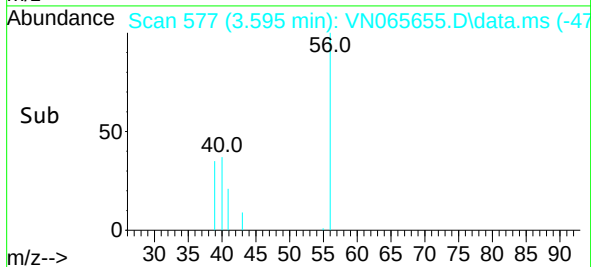
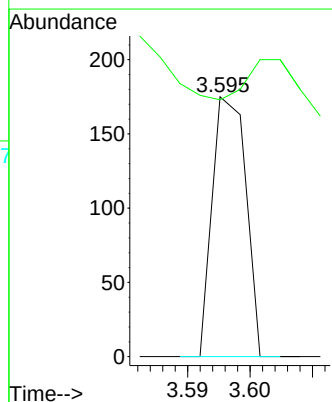
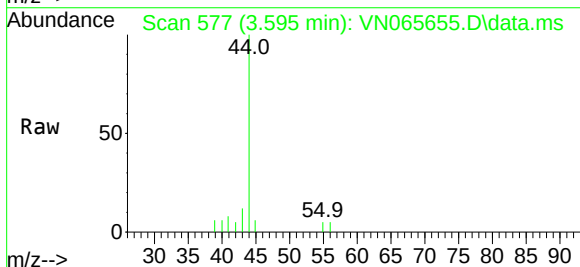
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#03

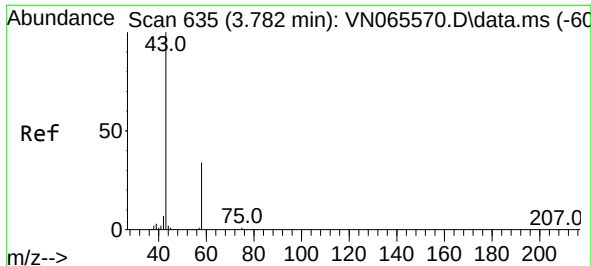
Tgt Ion:168 Resp: 204822
Ion Ratio Lower Upper
168 100
99 58.2 42.6 63.8



#13
Acrolein
Concen: 18.22 ug/l
RT: 3.595 min Scan# 577
Delta R.T. 0.026 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

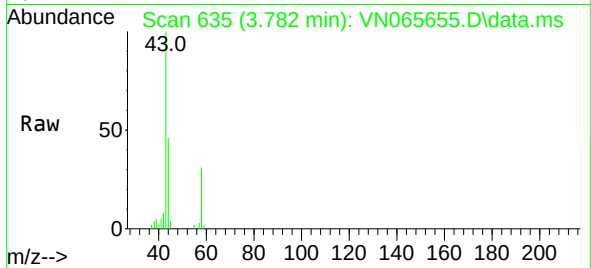
Tgt Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



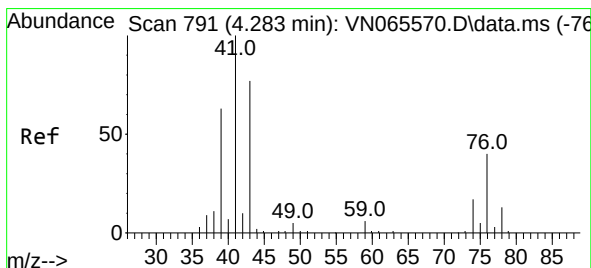
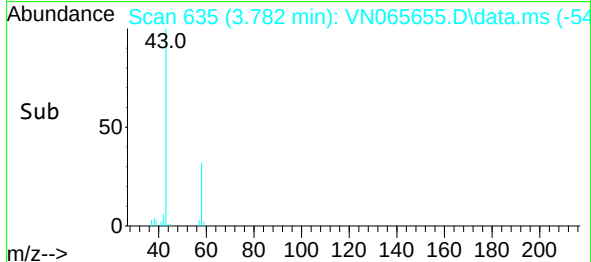
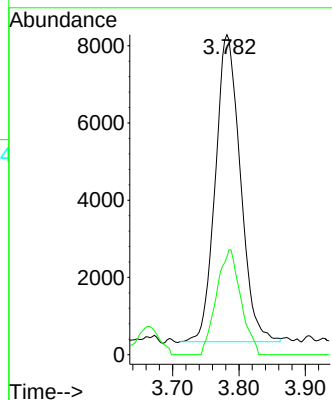


#16
Acetone
Concen: 19.86 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#03

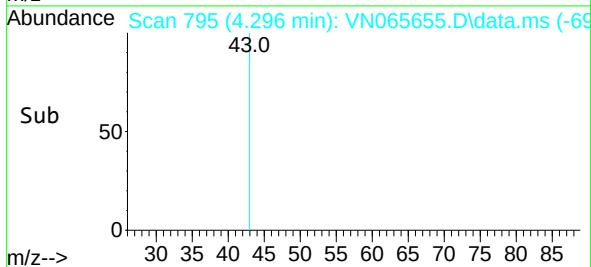
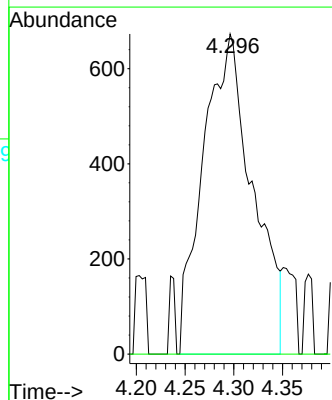
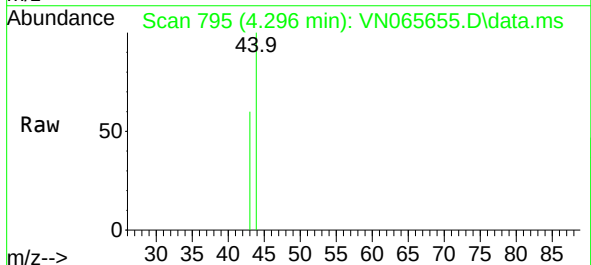


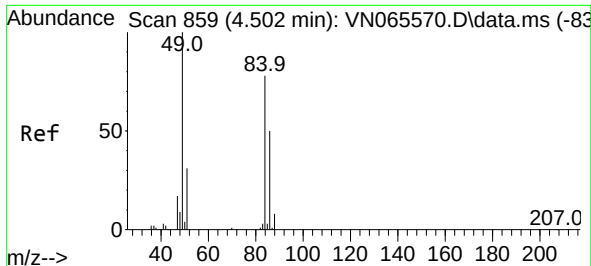
Tgt Ion: 43 Resp: 20832
Ion Ratio Lower Upper
43 100
58 31.8 27.0 40.6



#18
Methyl Acetate
Concen: 0.81 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.013 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

Tgt Ion: 43 Resp: 2382
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#

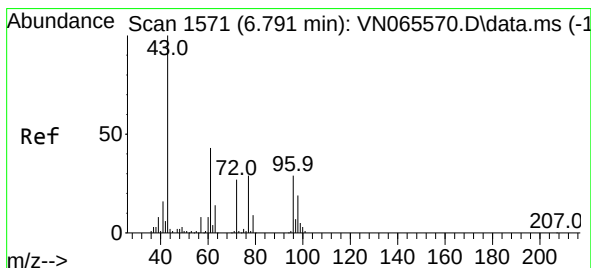
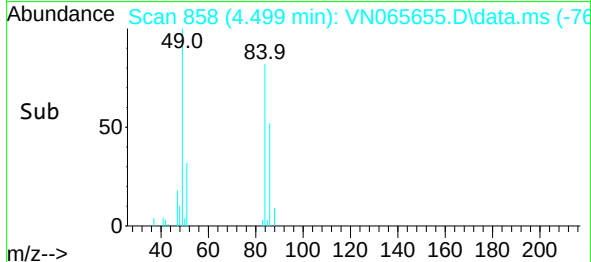
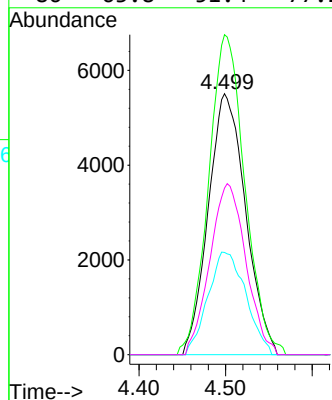
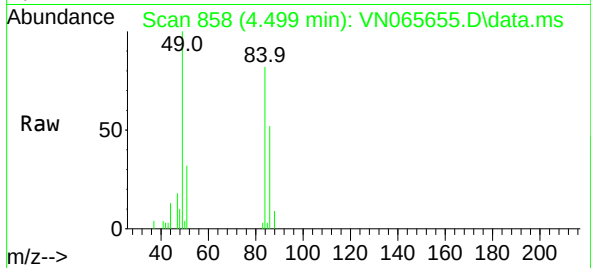




#20
Methylene Chloride
Concen: 5.66 ug/l
RT: 4.499 min Scan# 858
Delta R.T. -0.003 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

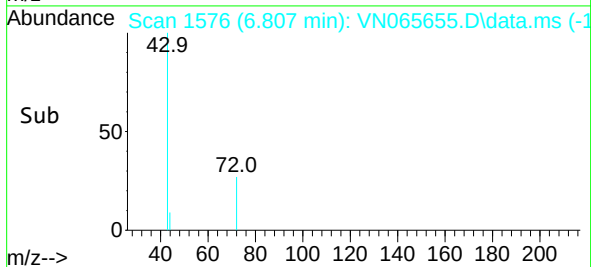
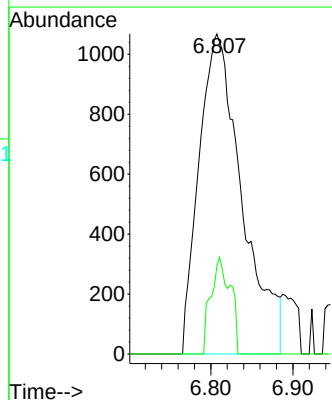
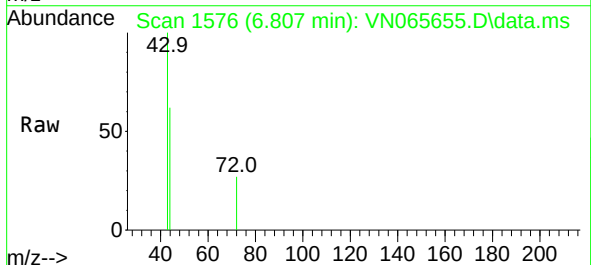
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#03

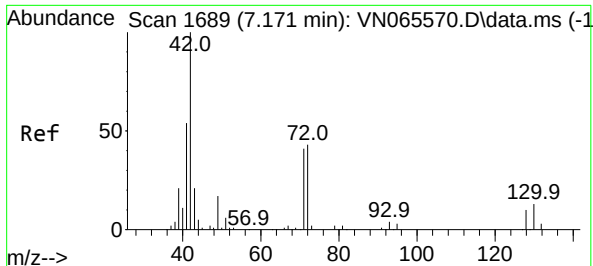
Tgt Ion:	84	Resp:	16454
Ion	Ratio	Lower	Upper
84	100		
49	119.8	94.6	141.8
51	39.2	29.9	44.9
86	63.8	51.4	77.2



#25
2-Butanone
Concen: 2.36 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.016 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

Tgt Ion:	43	Resp:	3886
Ion	Ratio	Lower	Upper
43	100		
72	27.3	23.1	34.7





#29

Tetrahydrofuran

Concen: 0.24 ug/l

RT: 7.183 min Scan# 1693

Delta R.T. 0.012 min

Lab File: VN065655.D

Acq: 28 Jan 2021 17:29

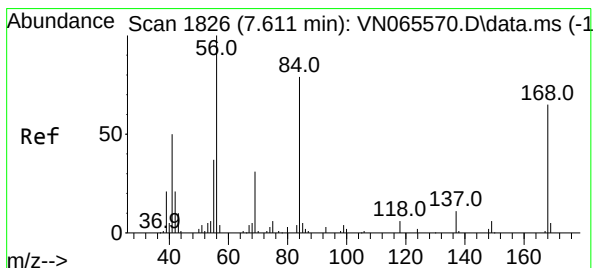
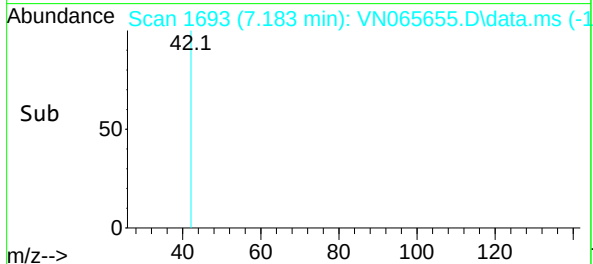
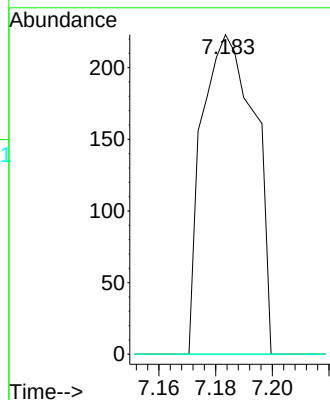
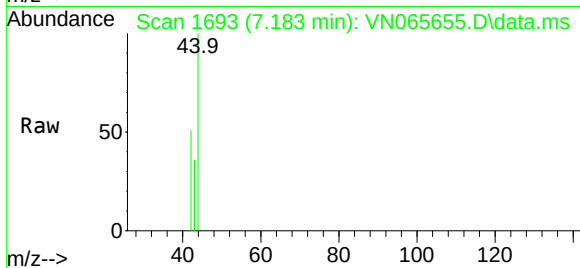
Tgt Ion: 42 Resp: 287

Ion Ratio Lower Upper

42 100

72 0.0 36.6 55.0#

71 0.0 34.3 51.5#



#31

Cyclohexane

Concen: 0.83 ug/l

RT: 7.621 min Scan# 1829

Delta R.T. 0.010 min

Lab File: VN065655.D

Acq: 28 Jan 2021 17:29

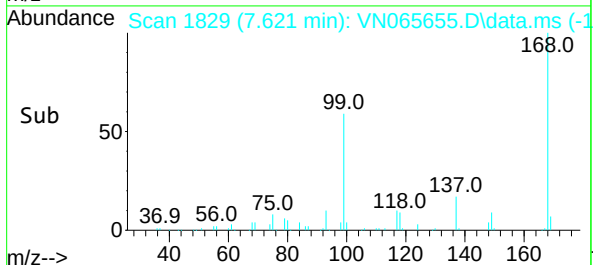
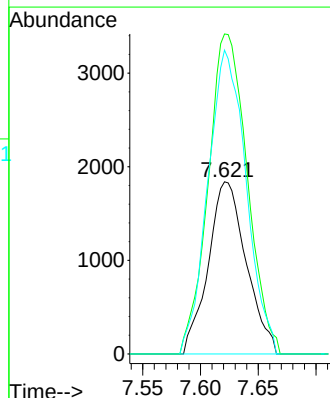
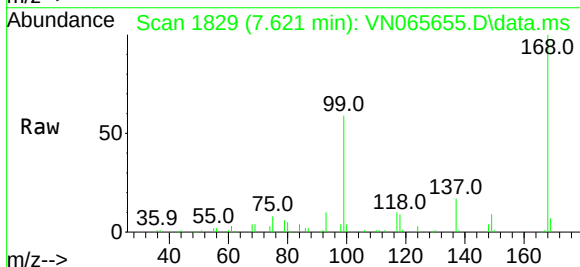
Tgt Ion: 56 Resp: 4206

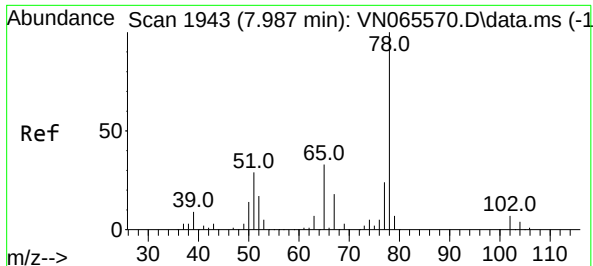
Ion Ratio Lower Upper

56 100

69 185.9 26.6 39.8#

84 176.5 70.4 105.6#

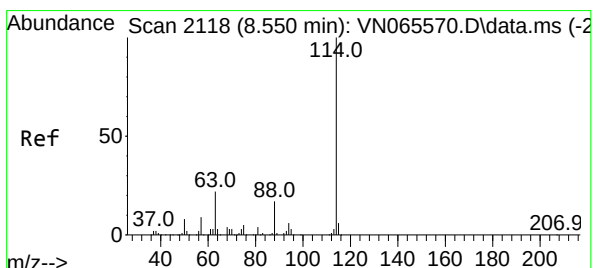
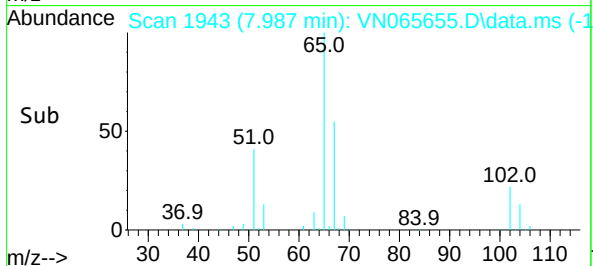
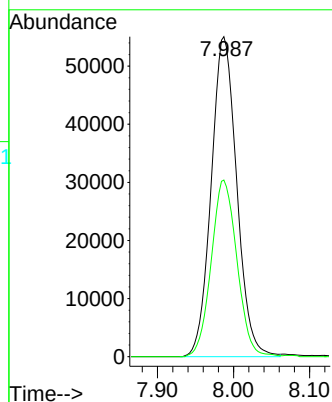
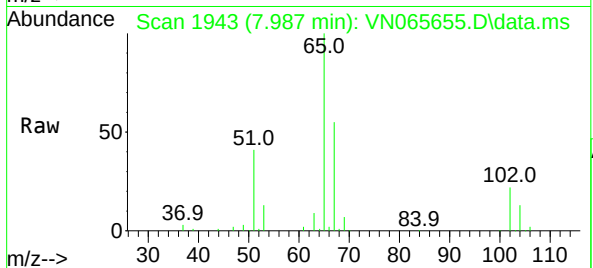




#33
1,2-Dichloroethane-d4
Concen: 47.75 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

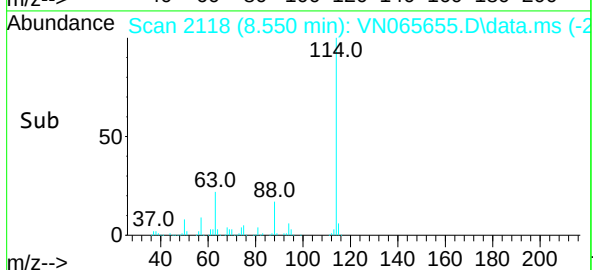
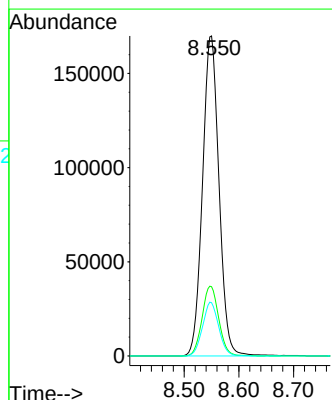
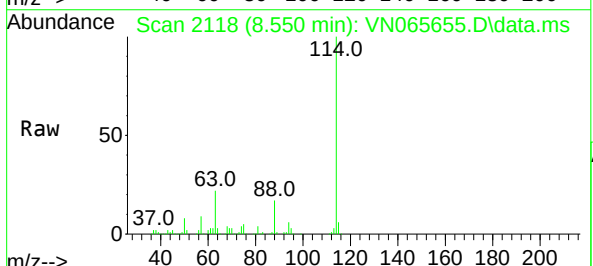
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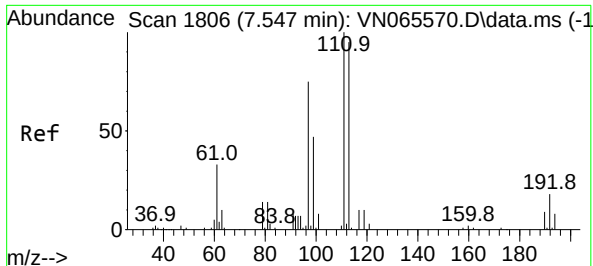
Tgt Ion: 65 Resp: 128659
Ion Ratio Lower Upper
65 100
67 55.5 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

Tgt Ion: 114 Resp: 355068
Ion Ratio Lower Upper
114 100
63 21.7 0.0 38.6
88 16.6 0.0 30.6

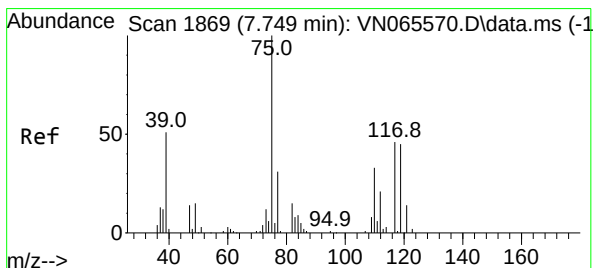
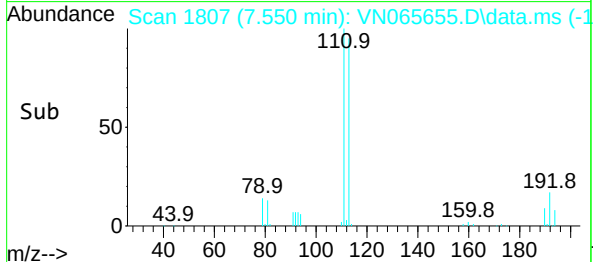
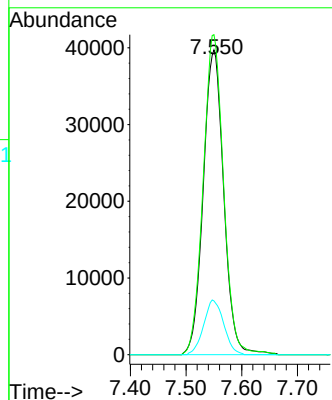
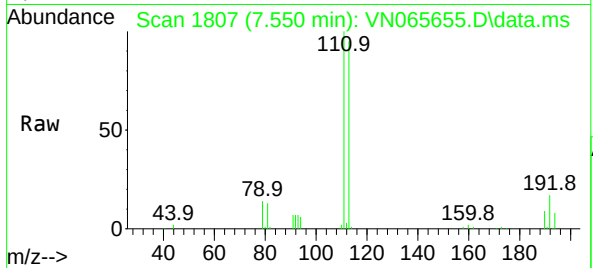




#35
Dibromofluoromethane
Concen: 48.23 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

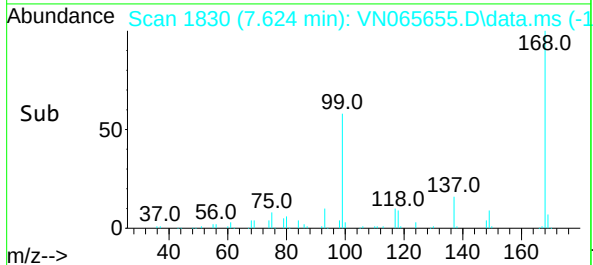
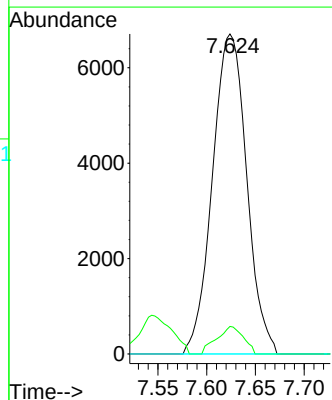
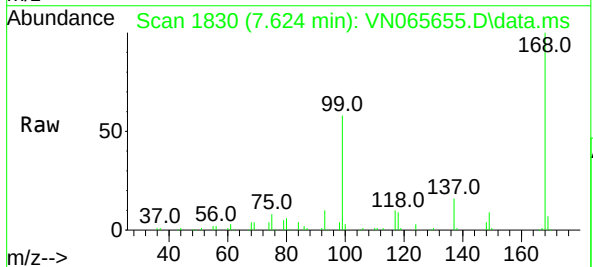
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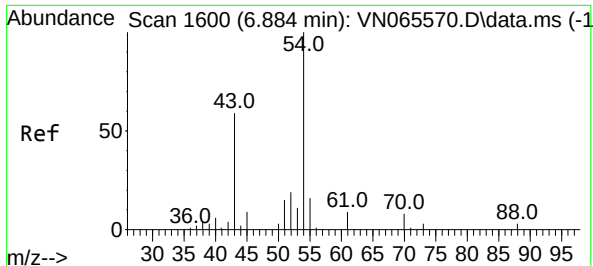
Tgt Ion:113 Resp: 101476
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.2
192 17.6 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.59 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

Tgt Ion: 75 Resp: 16385
Ion Ratio Lower Upper
75 100
110 6.7 18.2 54.6#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.13 ug/l

RT: 6.807 min Scan# 1576

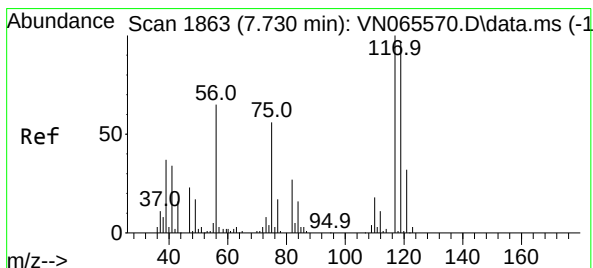
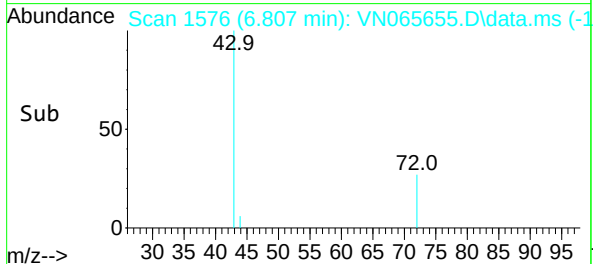
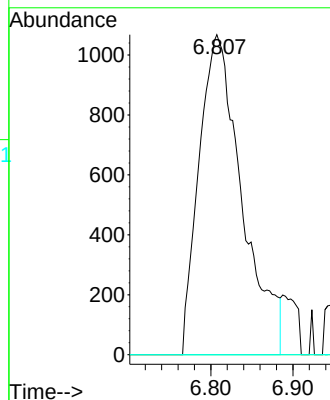
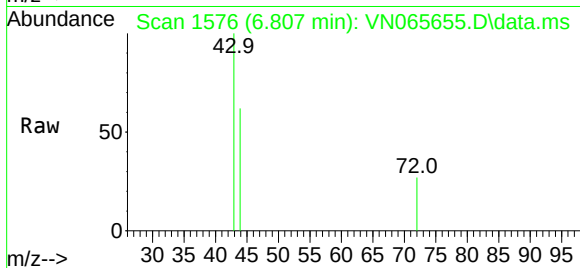
Delta R.T. -0.077 min

Lab File: VN065655.D

Acq: 28 Jan 2021 17:29

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#03

Tgt Ion: 43	Resp: 3886
Ion Ratio	Lower Upper
43 100	
61 0.0	11.6 17.4#
70 0.0	8.6 13.0#



#38

Carbon Tetrachloride

Concen: 6.93 ug/l

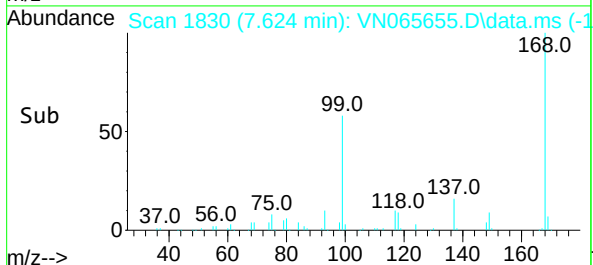
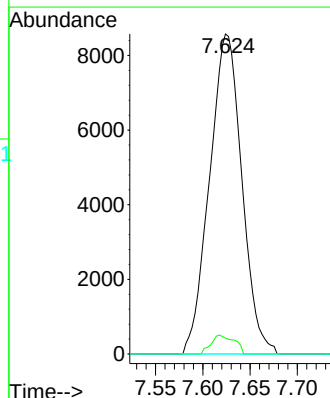
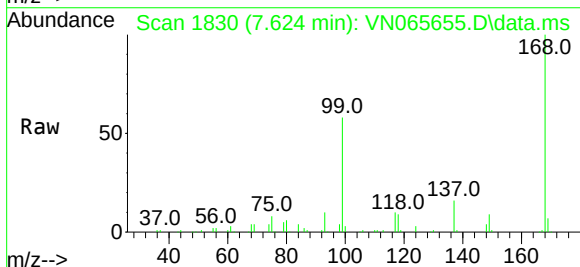
RT: 7.624 min Scan# 1830

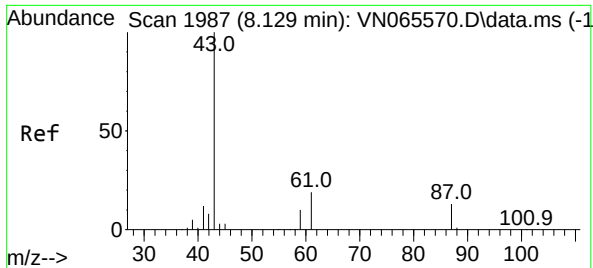
Delta R.T. -0.106 min

Lab File: VN065655.D

Acq: 28 Jan 2021 17:29

Tgt Ion:117	Resp:	20390	
Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.0	114.0#
121	0.0	24.5	36.7#

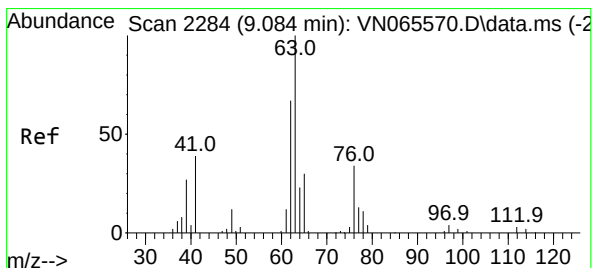
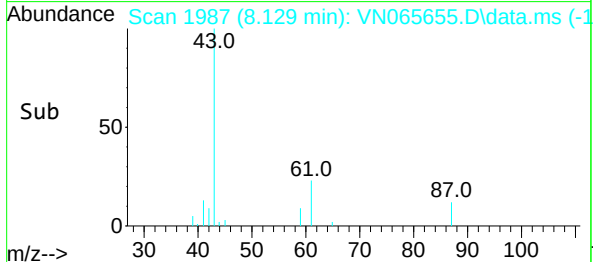
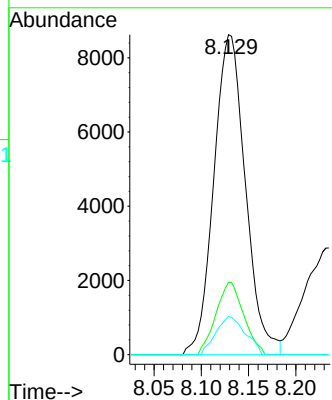
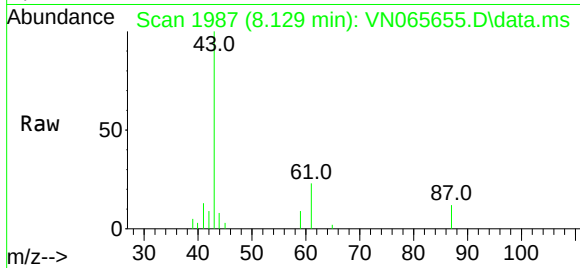




#43
Isopropyl Acetate
Concen: 3.29 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

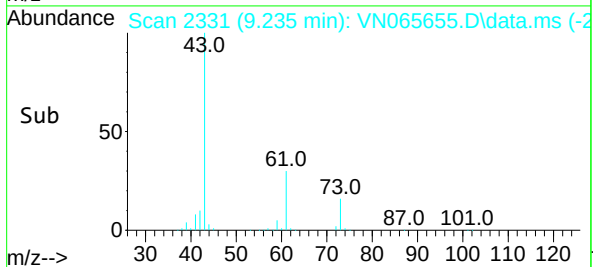
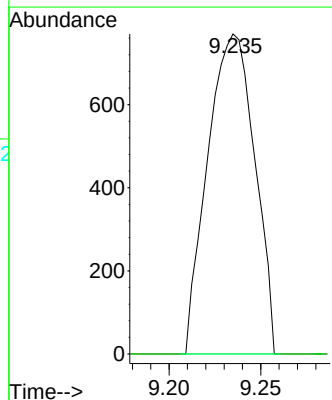
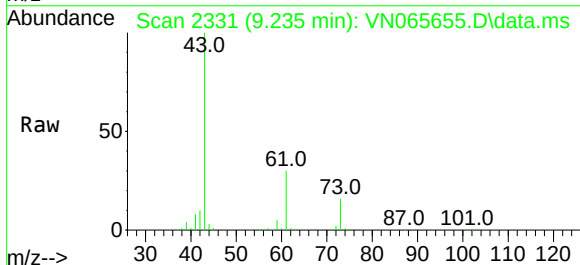
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#03

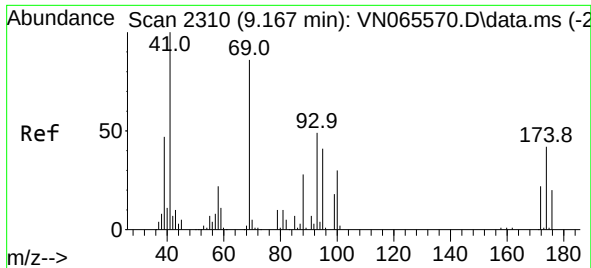
Tgt Ion:	43	Resp:	20014
Ion	Ratio	Lower	Upper
43	100		
61	19.9	22.5	33.7#
87	11.1	11.1	16.7#



#45
1,2-Dichloropropane
Concen: 0.46 ug/l
RT: 9.235 min Scan# 2331
Delta R.T. 0.151 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

Tgt Ion:	63	Resp:	1374
Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.9	37.3#

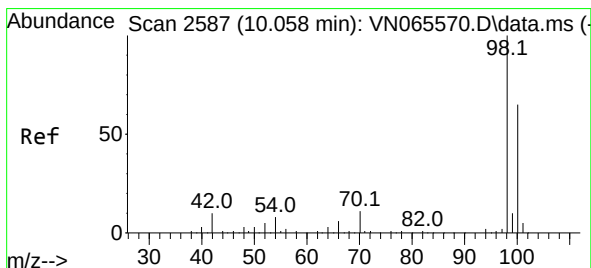
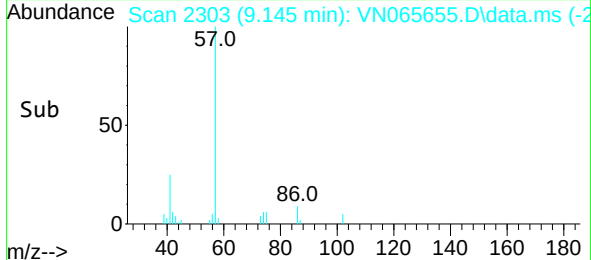
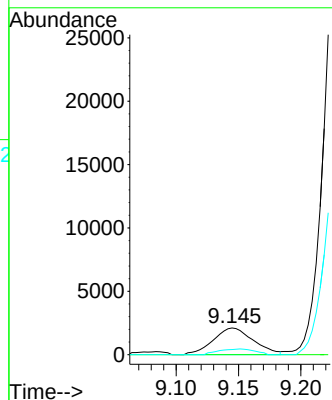
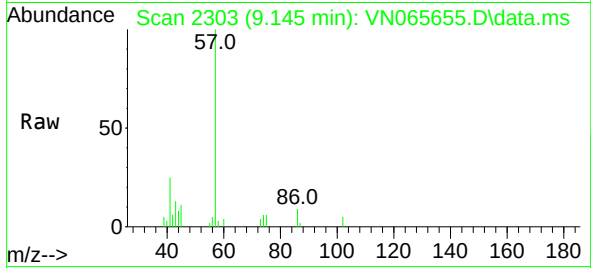




#48
Methyl methacrylate
Concen: 1.63 ug/l
RT: 9.145 min Scan# 2303
Delta R.T. -0.022 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

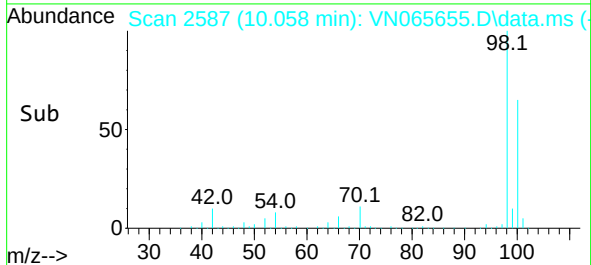
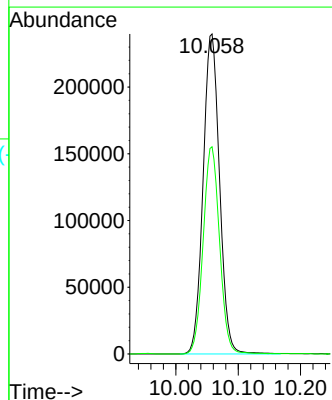
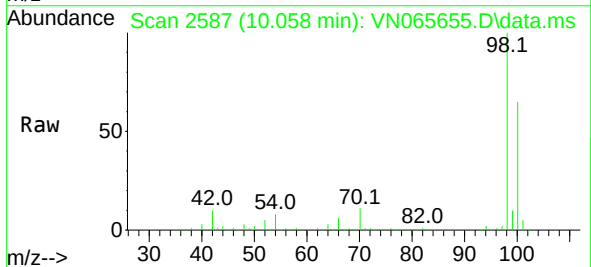
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#03

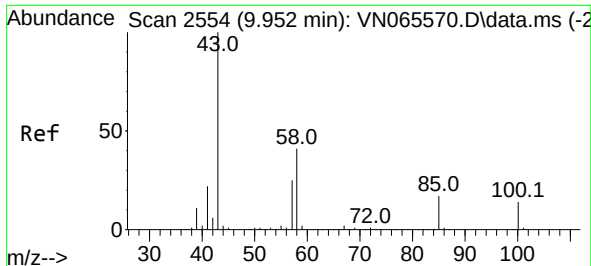
Tgt Ion: 41 Resp: 4708
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 53.23 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

Tgt Ion: 98 Resp: 440244
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7

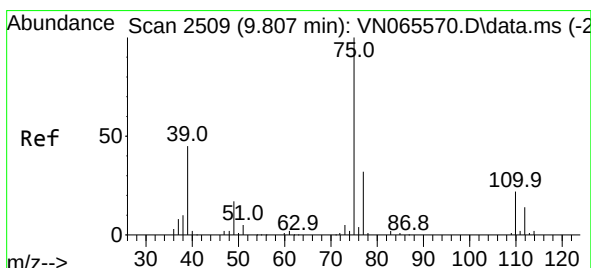
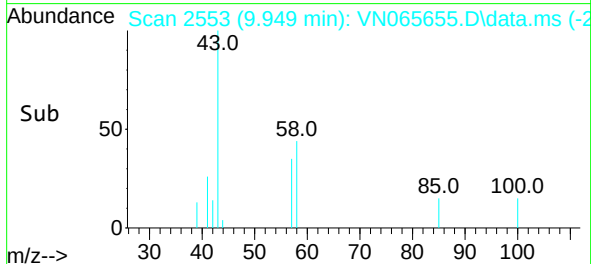
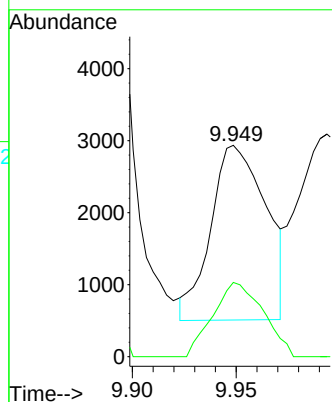
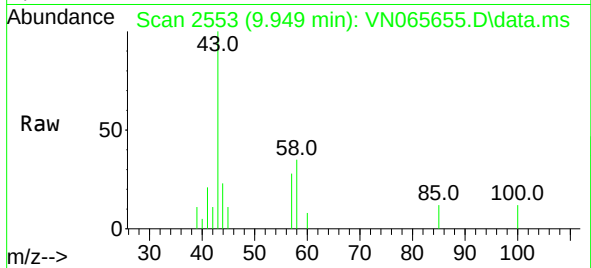




#51
4-Methyl-2-Pentanone
Concen: 1.34 ug/l
RT: 9.949 min Scan# 2553
Delta R.T. -0.003 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

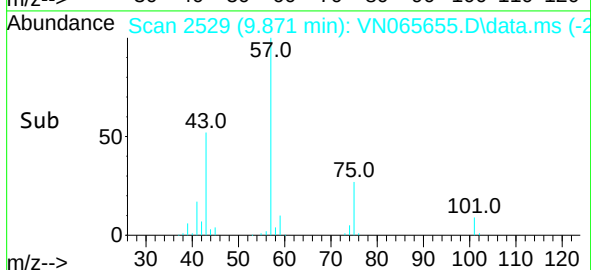
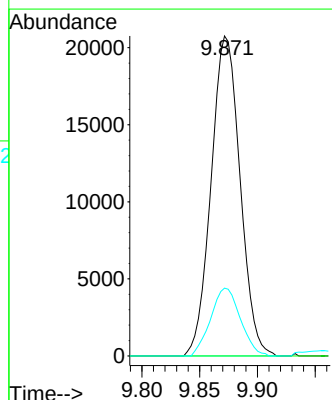
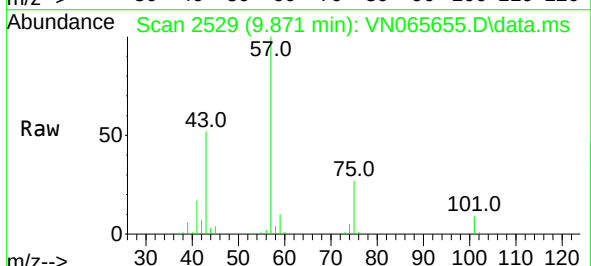
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#03

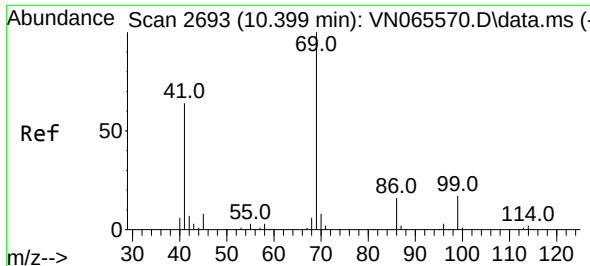
Tgt Ion: 43 Resp: 4483
Ion Ratio Lower Upper
43 100
58 38.8 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 7.85 ug/l
RT: 9.871 min Scan# 2529
Delta R.T. 0.064 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

Tgt Ion: 75 Resp: 36218
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 21.2 36.2 54.4#

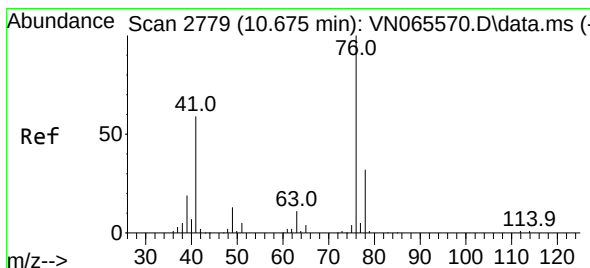
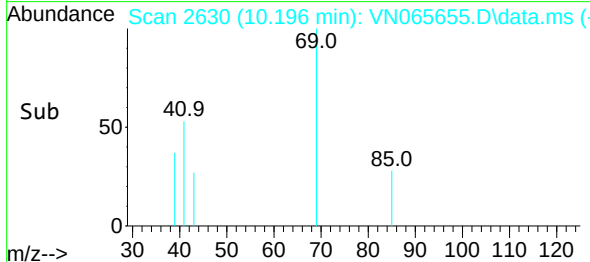
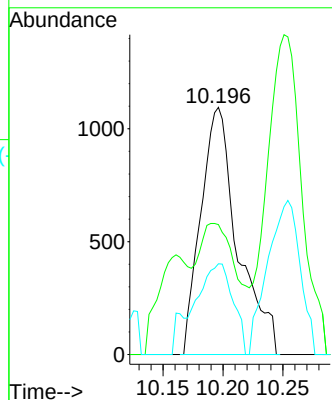
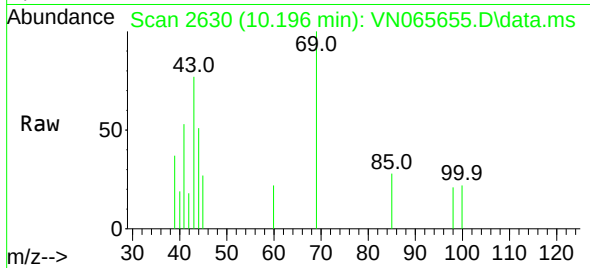




#56
Ethyl methacrylate
Concen: 0.58 ug/l
RT: 10.196 min Scan# 2630
Delta R.T. -0.203 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

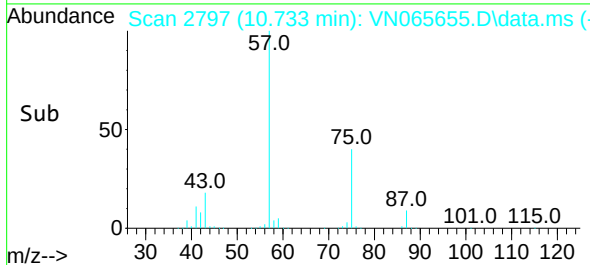
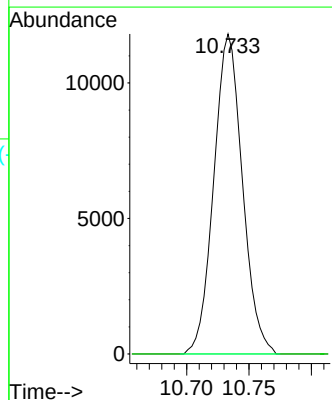
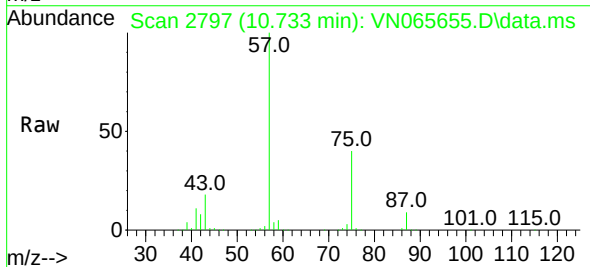
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#03

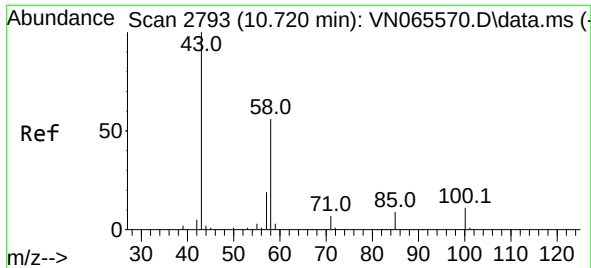
Tgt Ion: 69 Resp: 2348
Ion Ratio Lower Upper
69 100
41 53.0 49.6 74.4
39 33.6 28.0 42.0



#57
1,3-Dichloropropane
Concen: 4.35 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

Tgt Ion: 76 Resp: 18863
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

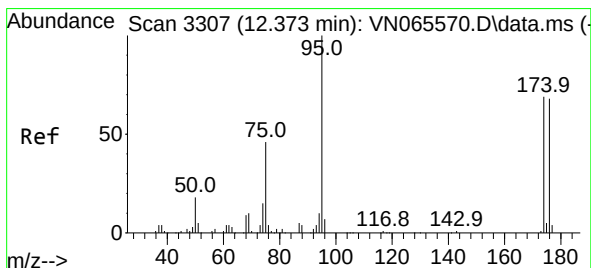
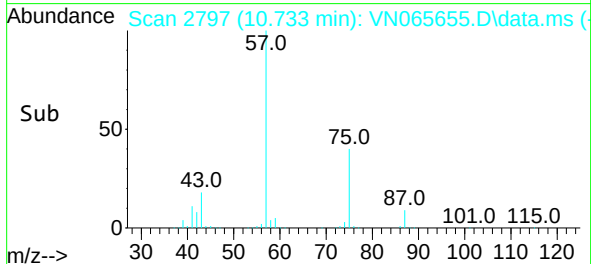
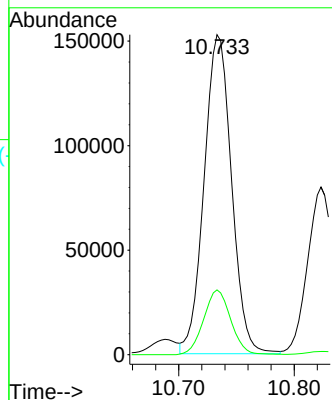
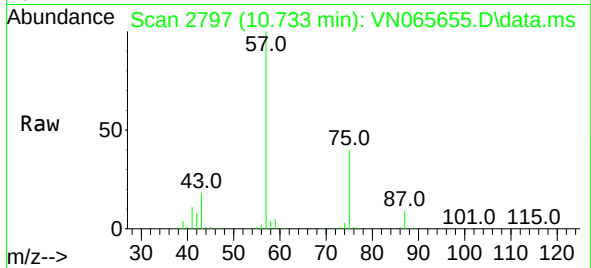




#59
2-Hexanone
Concen: 108.22 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

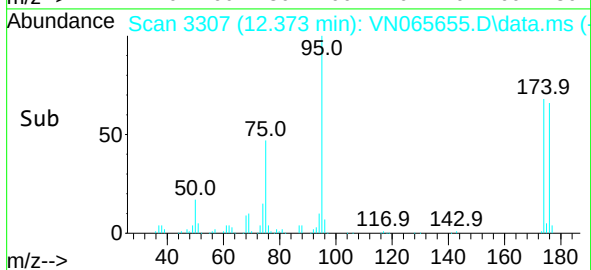
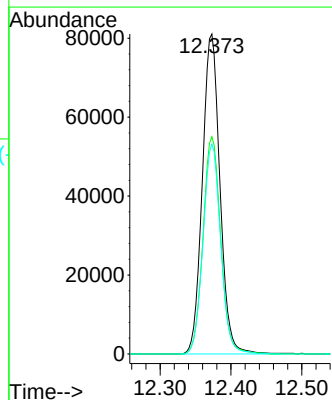
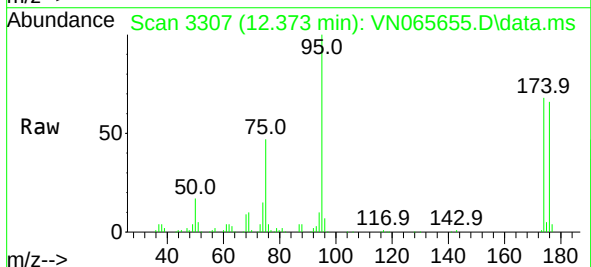
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#03

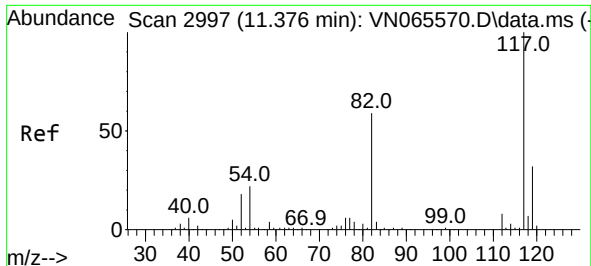
Tgt Ion: 43 Resp: 251771
Ion Ratio Lower Upper
43 100
58 20.1 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 47.00 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

Tgt Ion: 95 Resp: 139989
Ion Ratio Lower Upper
95 100
174 68.2 0.0 169.0
176 65.5 0.0 162.4

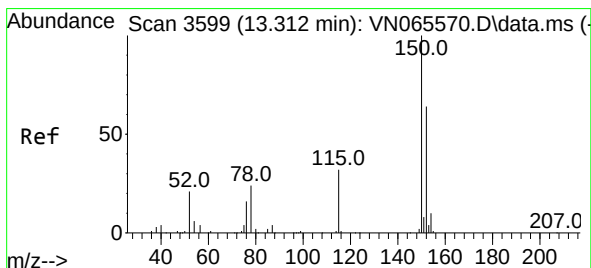
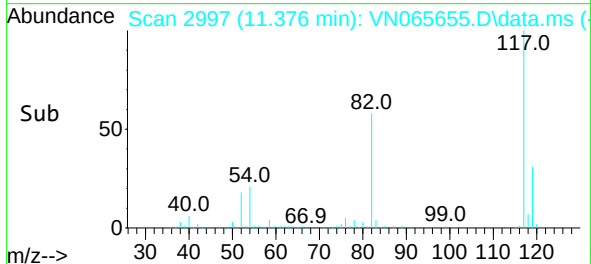
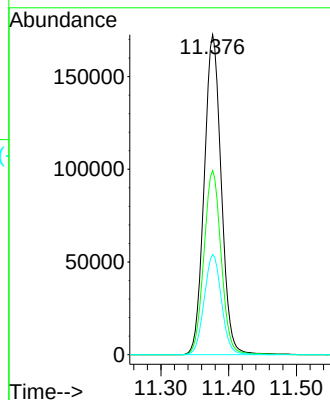
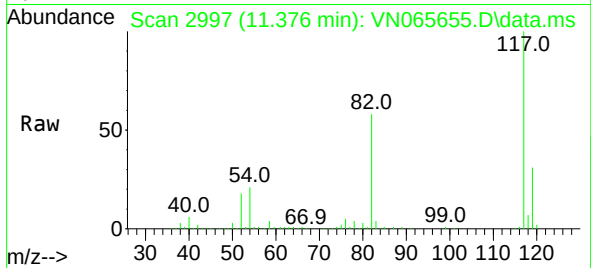




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

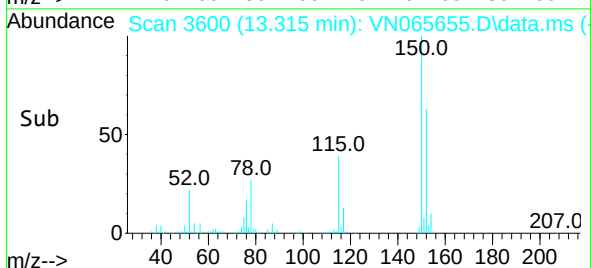
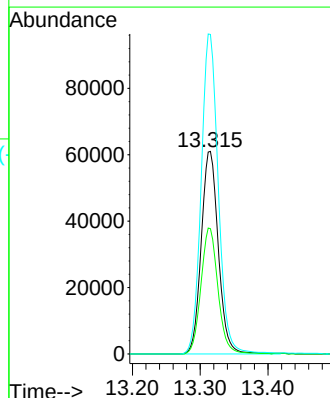
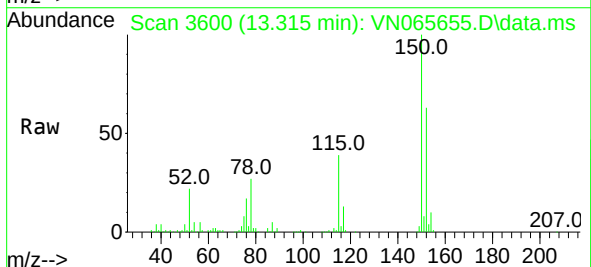
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#03

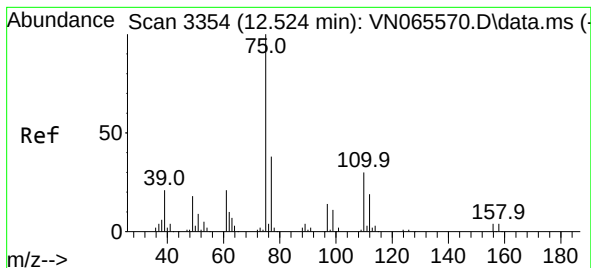
Tgt Ion:	117	Resp:	301889
Ion Ratio	Lower	Upper	
117	100		
82	57.6	43.7	65.5
119	31.3	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

Tgt Ion:	152	Resp:	106968
Ion Ratio	Lower	Upper	
152	100		
115	61.7	28.5	85.6
150	157.4	0.0	347.6

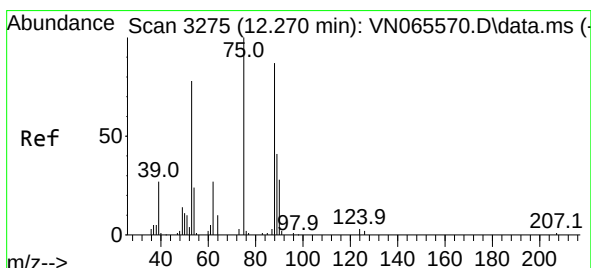
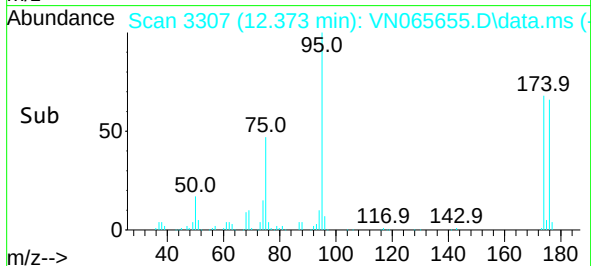
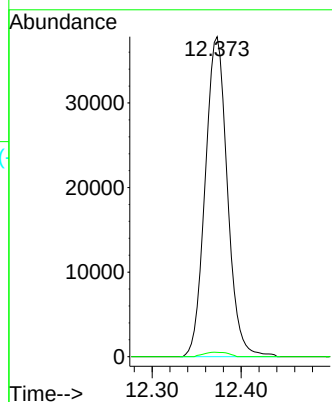
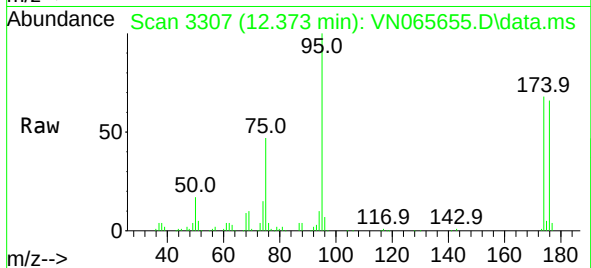




#76
1,2,3-Trichloropropane
Concen: 23.39 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#03

Tgt Ion: 75 Resp: 65425
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.91 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065655.D
Acq: 28 Jan 2021 17:29

Tgt Ion: 75 Resp: 65425
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

