

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122920\
 Data File : VN065300.D
 Acq On : 29 Dec 2020 12:17
 Operator : JC/MD
 Sample : PB133842TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133842TB

Quant Time: Dec 30 00:55:07 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

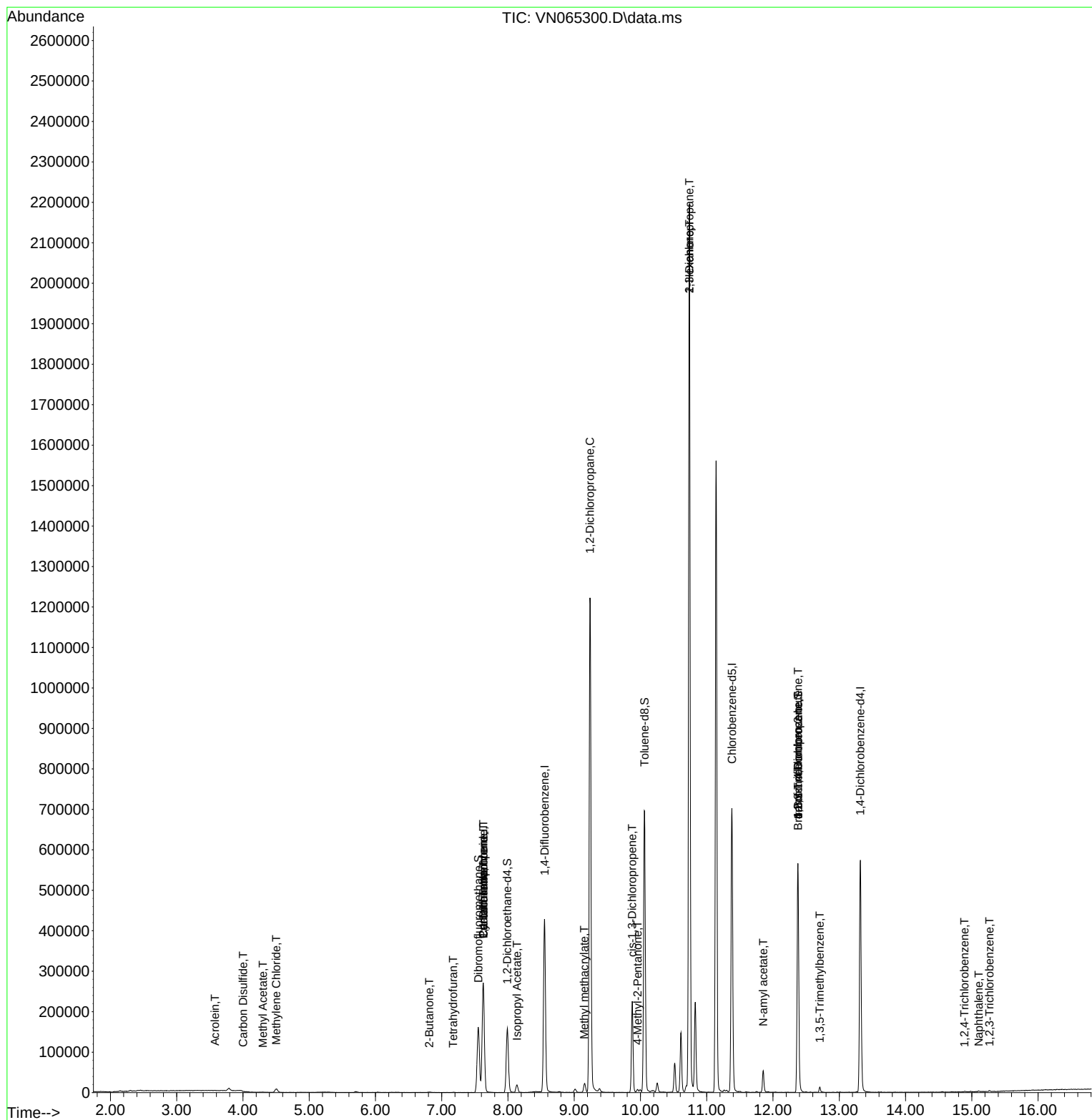
Internal Standards						
1) Pentafluorobenzene	7.627	168	242491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	406674	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	431280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	177230	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	138642	50.64	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.28%			
35) Dibromofluoromethane	7.553	113	123887	50.49	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.98%			
50) Toluene-d8	10.061	98	506165	55.04	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.08%			
62) 4-Bromofluorobenzene	12.376	95	196139	53.53	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.06%			
Target Compounds					Qvalue	
13) Acrolein	3.576	56	190	3.03	ug/l #	1
16) Acetone	3.788	43	9145	Below Cal		94
17) Carbon Disulfide	4.000	76	1546	0.25	ug/l #	75
18) Methyl Acetate	4.303	43	1635	0.67	ug/l #	50
20) Methylene Chloride	4.502	84	7144	2.67	ug/l	94
25) 2-Butanone	6.811	43	1089	0.71	ug/l #	49
29) Tetrahydrofuran	7.174	42	384	0.39	ug/l #	32
31) Cyclohexane	7.627	56	4023	1.00	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	15784	4.27	ug/l #	49
38) Carbon Tetrachloride	7.627	117	20566	5.30	ug/l #	16
43) Isopropyl Acetate	8.135	43	23219	3.68	ug/l	95
45) 1,2-Dichloropropane	9.238	63	1477	0.52	ug/l #	43
48) Methyl methacrylate	9.151	41	5462	1.78	ug/l #	12
51) 4-Methyl-2-Pentanone	9.955	43	4820	1.36	ug/l	97
54) cis-1,3-Dichloropropene	9.875	75	41884	8.54	ug/l #	61
57) 1,3-Dichloropropane	10.736	76	24100	5.32	ug/l #	42
59) 2-Hexanone	10.736	43	313585	120.10	ug/l #	49
71) Bromoform	12.380	173	1089	0.37	ug/l #	1
74) N-amyl acetate	11.852	43	16993	3.16	ug/l #	51
76) 1,2,3-Trichloropropane	12.376	75	95733	26.48	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.707	105	7513	0.65	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.376	75	95733	66.76	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.891	180	756	3.04	ug/l #	86
95) Naphthalene	15.106	128	2850	3.66	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.267	180	1095	3.54	ug/l #	84

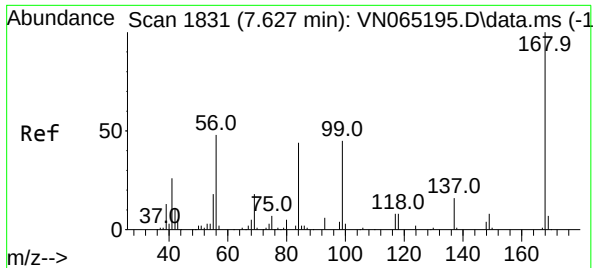
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122920\
Data File : VN065300.D
Acq On : 29 Dec 2020 12:17
Operator : JC/MD
Sample : PB133842TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB133842TB

Quant Time: Dec 30 00:55:07 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration

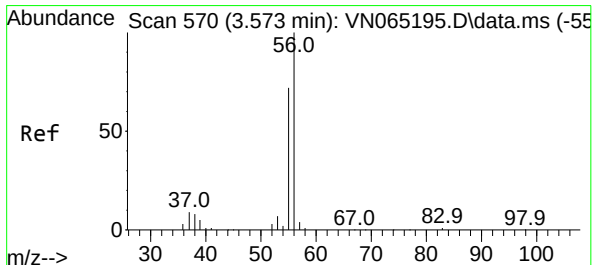
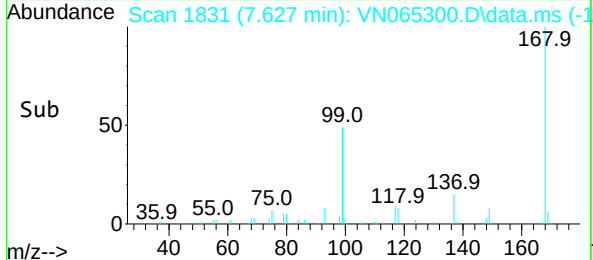
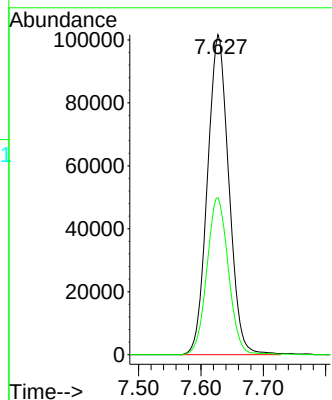
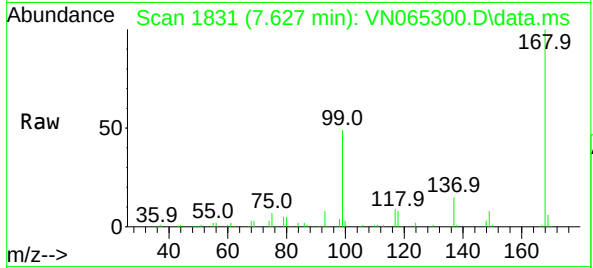




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

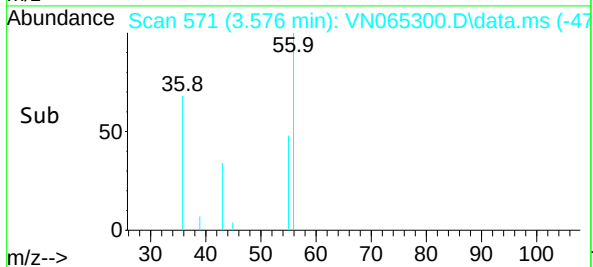
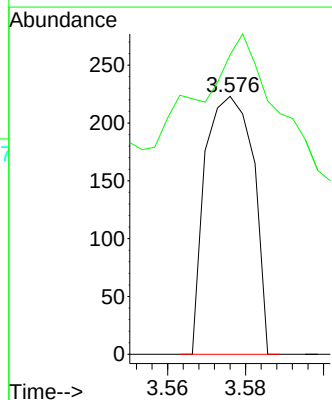
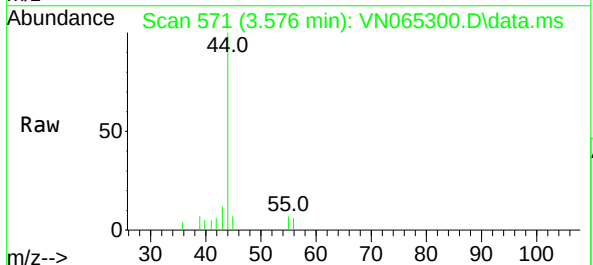
Instrument :
MSVOA_N
ClientSampleId :
PB133842TB

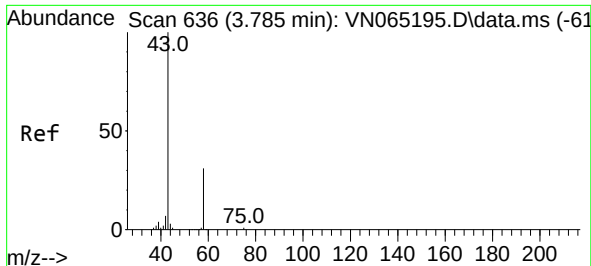
Tgt Ion:168 Resp: 242491
Ion Ratio Lower Upper
168 100
99 49.0 43.0 64.4



#13
Acrolein
Concen: 3.03 ug/l
RT: 3.576 min Scan# 571
Delta R.T. 0.003 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

Tgt Ion: 56 Resp: 190
Ion Ratio Lower Upper
56 100
55 226.3 56.5 84.7#

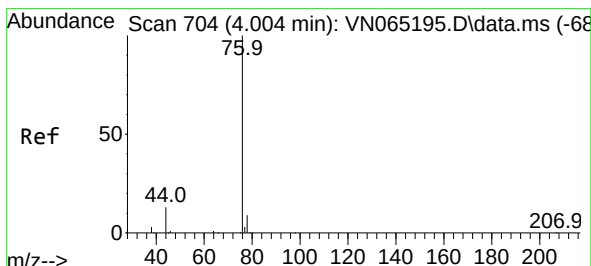
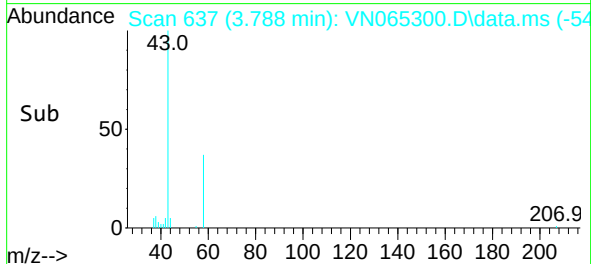
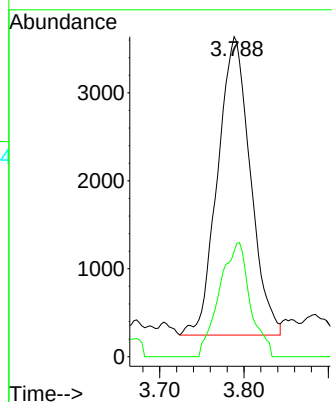
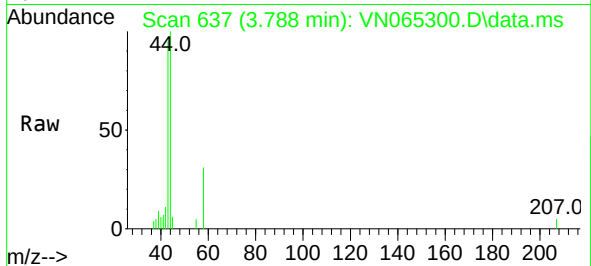




#16
Acetone
Concen: Below Cal
RT: 3.788 min Scan# 637
Delta R.T. 0.003 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

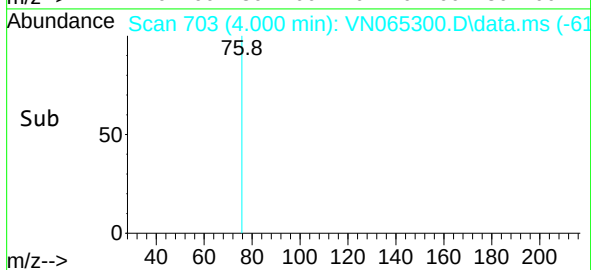
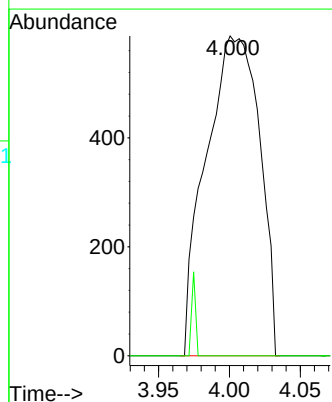
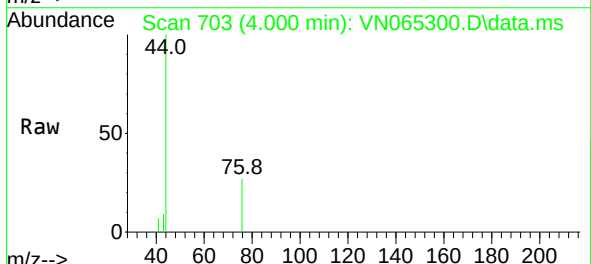
Instrument :
MSVOA_N
ClientSampleId :
PB133842TB

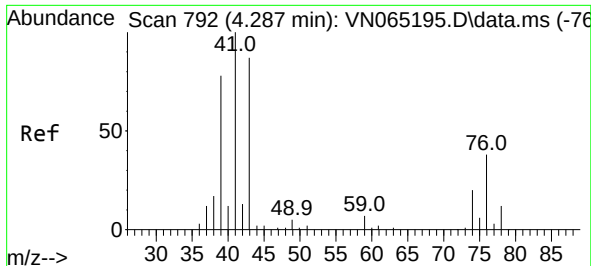
Tgt Ion: 43 Resp: 9145
Ion Ratio Lower Upper
43 100
58 35.4 25.7 38.5



#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 4.000 min Scan# 703
Delta R.T. -0.004 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

Tgt Ion: 76 Resp: 1546
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: 0.67 ug/l

RT: 4.303 min Scan# 797

Delta R.T. 0.016 min

Lab File: VN065300.D

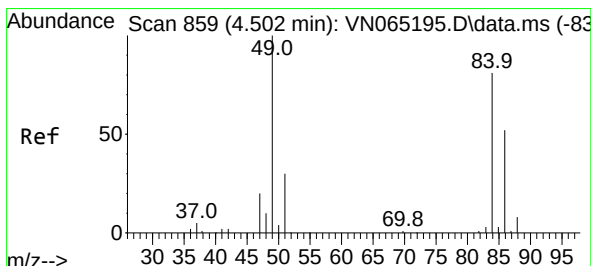
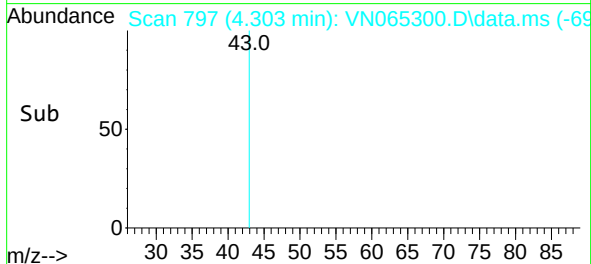
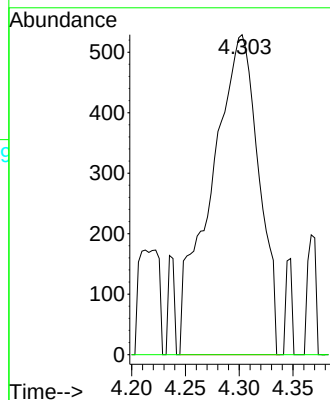
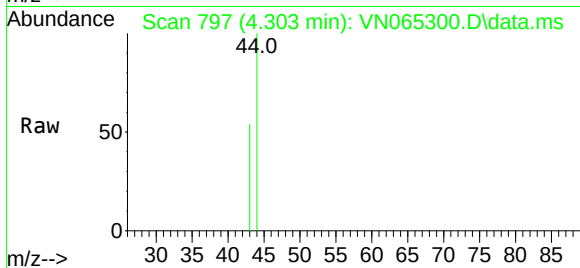
Acq: 29 Dec 2020 12:17

Tgt Ion: 43 Resp: 1635

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#



#20

Methylene Chloride

Concen: 2.67 ug/l

RT: 4.502 min Scan# 859

Delta R.T. 0.000 min

Lab File: VN065300.D

Acq: 29 Dec 2020 12:17

Tgt Ion: 84 Resp: 7144

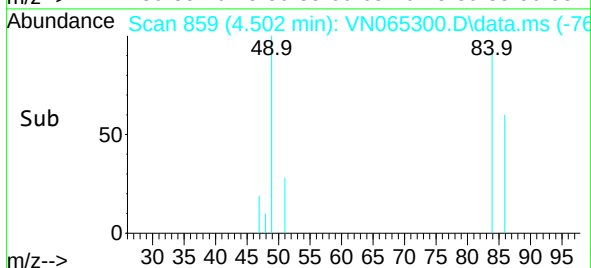
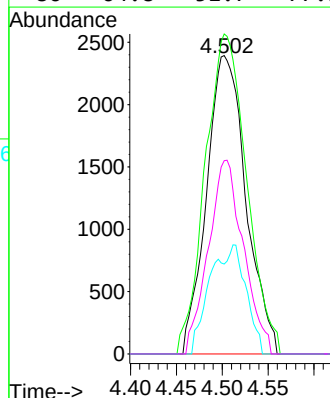
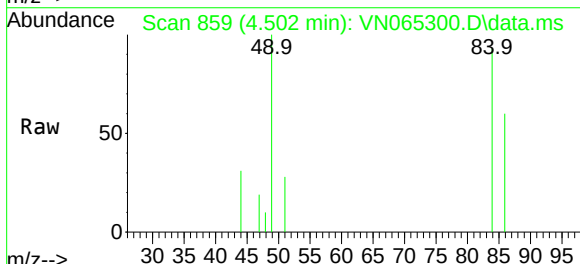
Ion Ratio Lower Upper

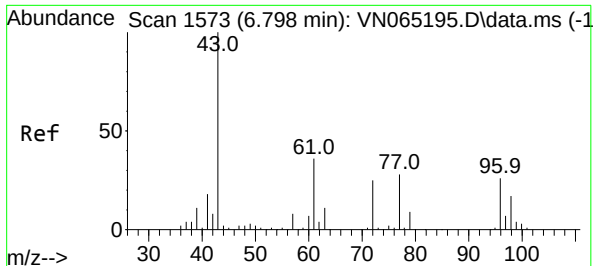
84 100

49 107.2 93.4 140.0

51 30.2 28.2 42.4

86 64.8 51.7 77.5

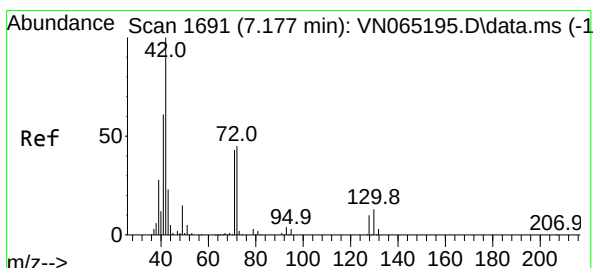
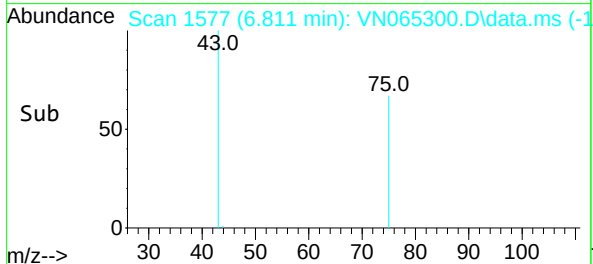
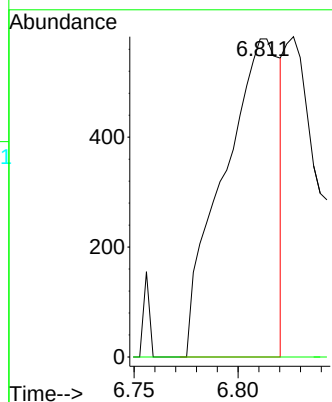
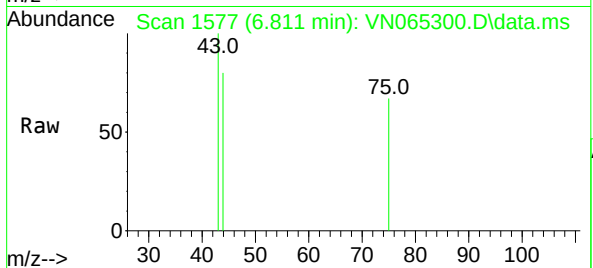




#25
2-Butanone
Concen: 0.71 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. 0.013 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

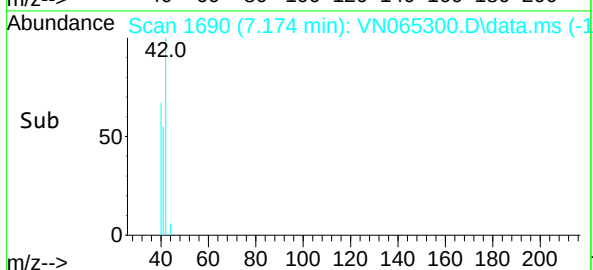
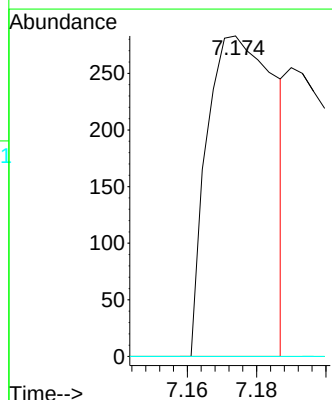
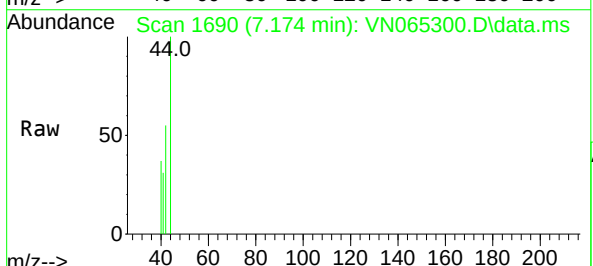
Instrument :
MSVOA_N
ClientSampled :
PB133842TB

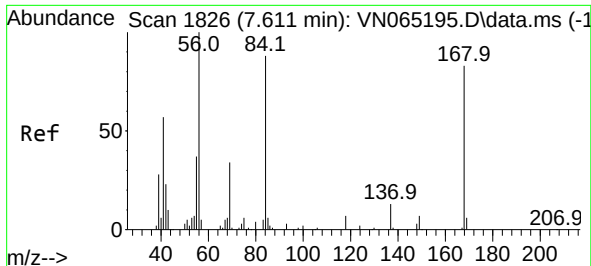
Tgt Ion: 43 Resp: 1089
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



#29
Tetrahydrofuran
Concen: 0.39 ug/l
RT: 7.174 min Scan# 1690
Delta R.T. -0.003 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

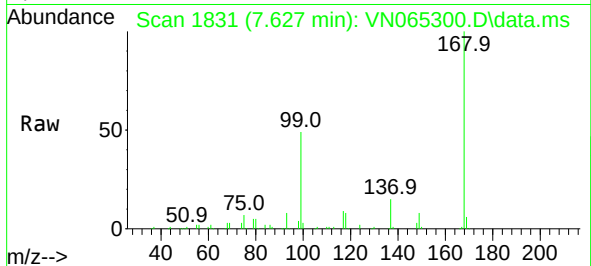
Tgt Ion: 42 Resp: 384
Ion Ratio Lower Upper
42 100
72 0.0 36.6 54.8#
71 0.0 33.6 50.4#



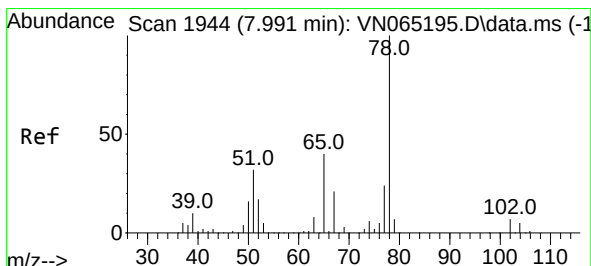
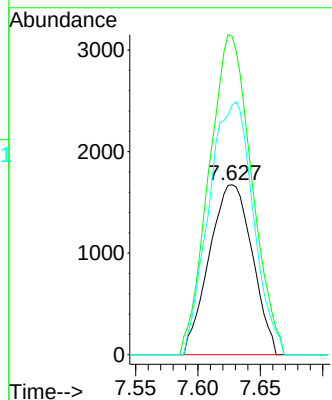
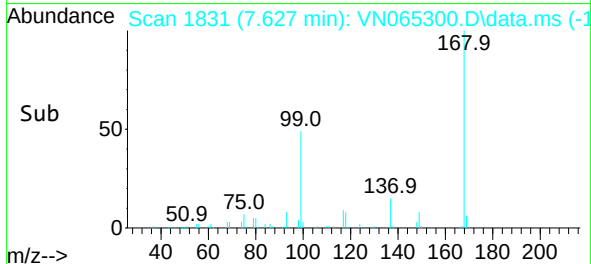


#31
Cyclohexane
Concen: 1.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

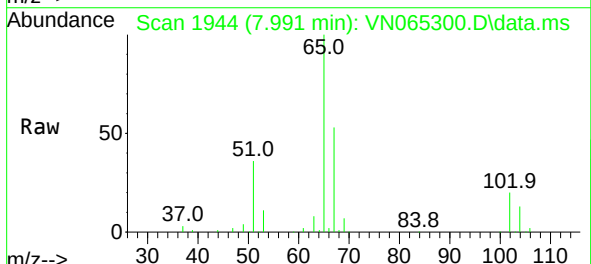
Instrument :
MSVOA_N
ClientSampleId :
PB133842TB



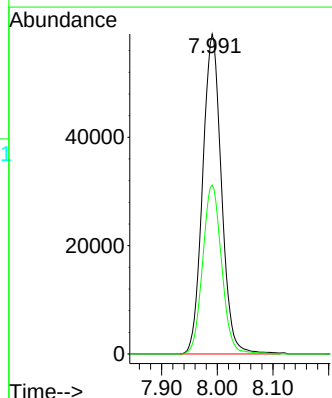
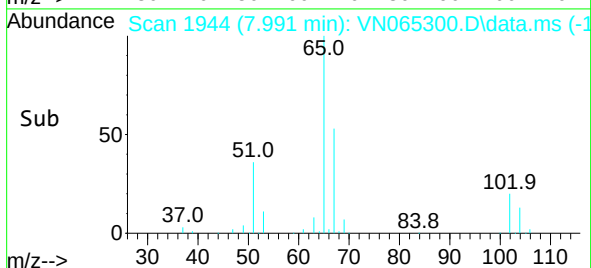
Tgt Ion: 56 Resp: 4023
Ion Ratio Lower Upper
56 100
69 187.3 27.5 41.3#
84 146.7 73.9 110.9#

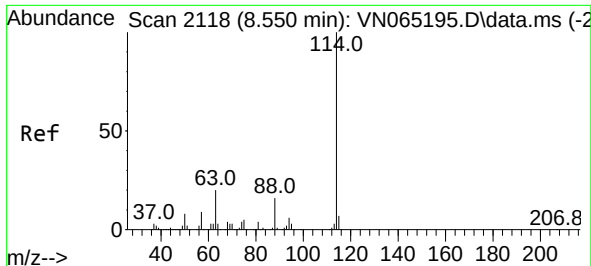


#33
1,2-Dichloroethane-d4
Concen: 50.64 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17



Tgt Ion: 65 Resp: 138642
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.2

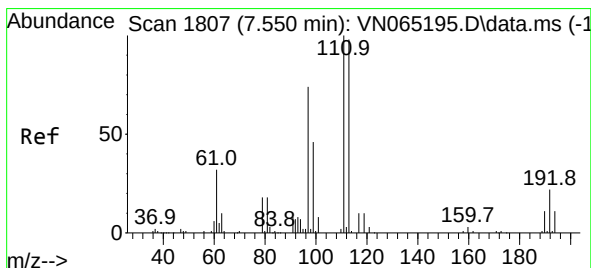
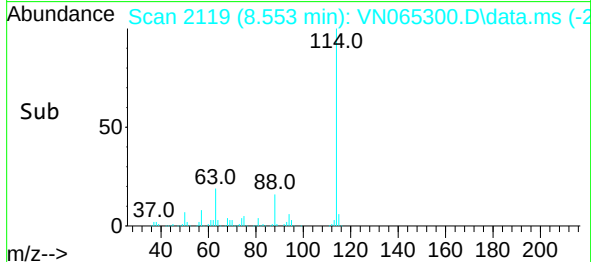
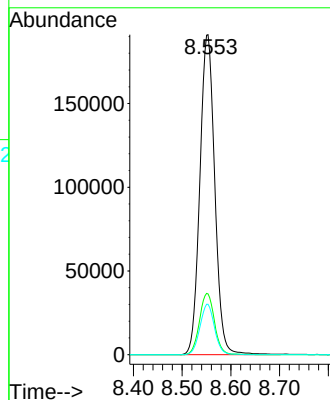
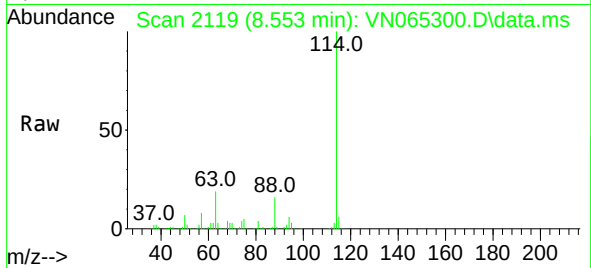




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

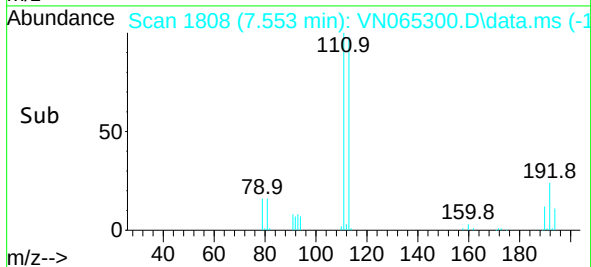
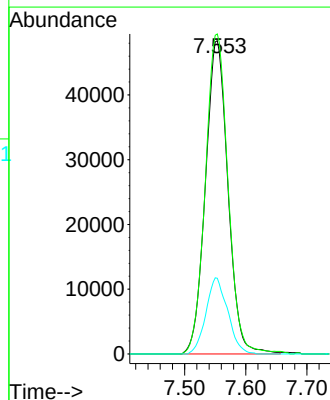
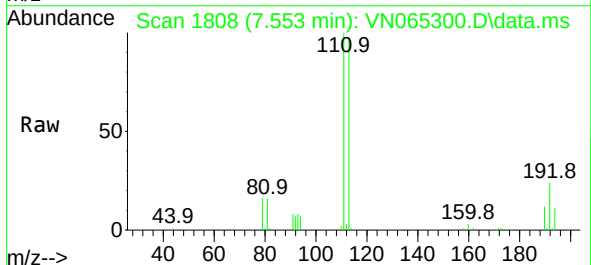
Instrument :
MSVOA_N
ClientSampled :
PB133842TB

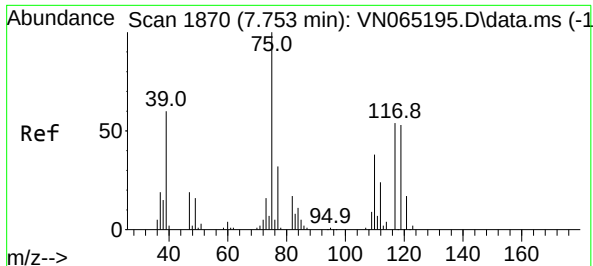
Tgt Ion:114	Resp:	406674
Ion Ratio	Lower	Upper
114	100	
63	19.0	0.0 38.6
88	15.8	0.0 32.6



#35
Dibromofluoromethane
Concen: 50.49 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

Tgt Ion:113	Resp:	123887
Ion Ratio	Lower	Upper
113	100	
111	103.0	81.6 122.4
192	23.5	16.2 24.2

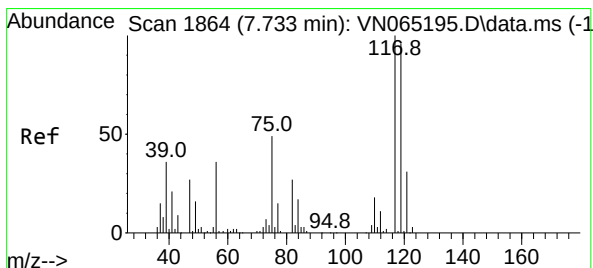
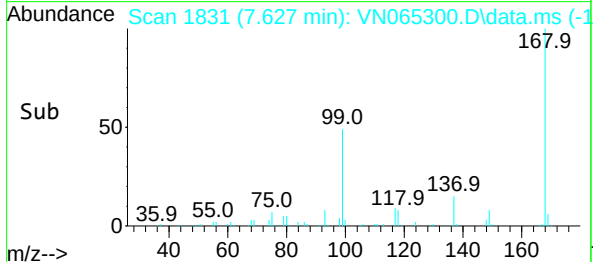
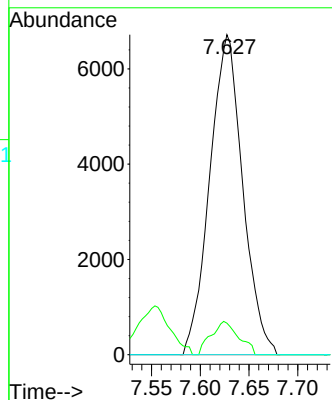
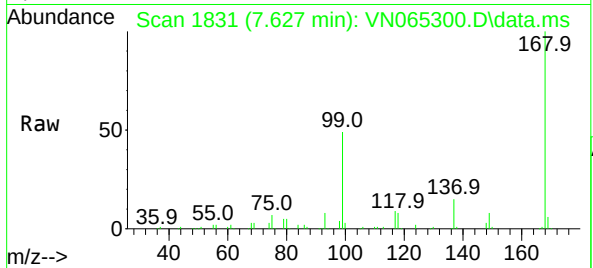




#36
1,1-Dichloropropene
Concen: 4.27 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

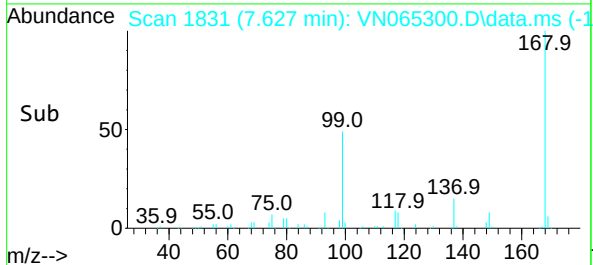
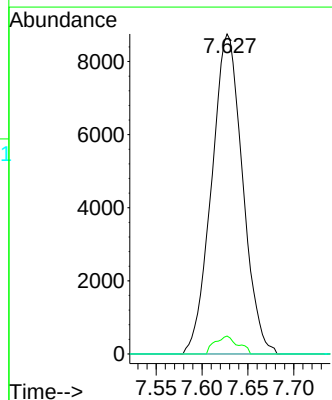
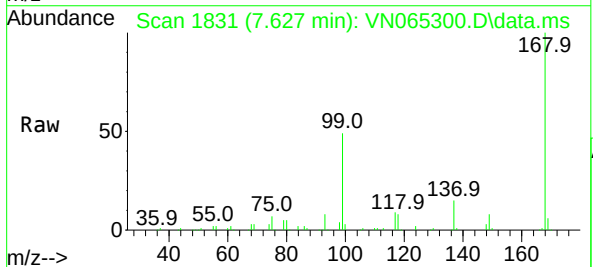
Instrument :
MSVOA_N
ClientSampled :
PB133842TB

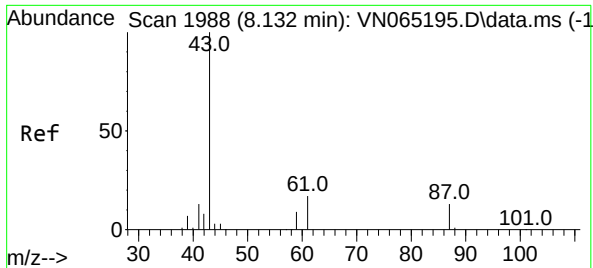
Tgt Ion: 75 Resp: 15784
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.30 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

Tgt Ion: 117 Resp: 20566
Ion Ratio Lower Upper
117 100
119 5.6 76.7 115.1#
121 0.0 25.4 38.2#

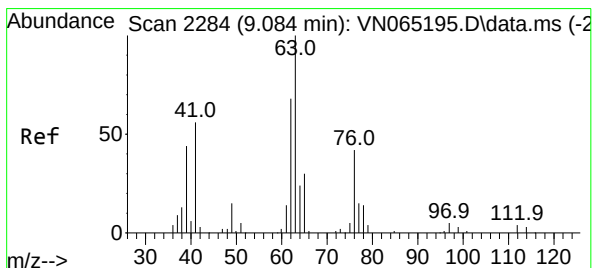
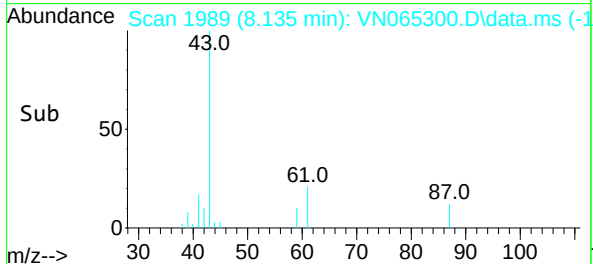
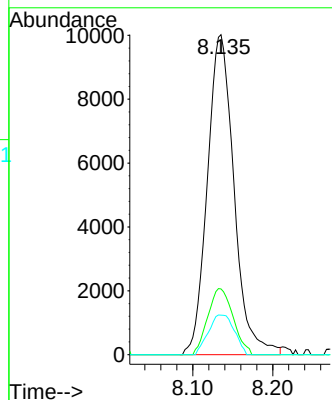
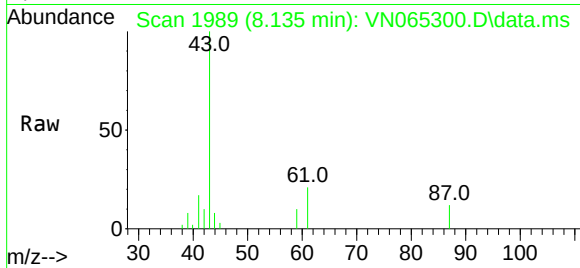




#43
Isopropyl Acetate
Concen: 3.68 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

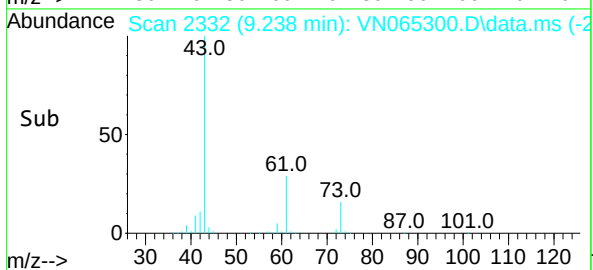
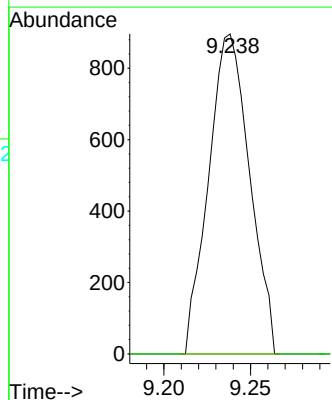
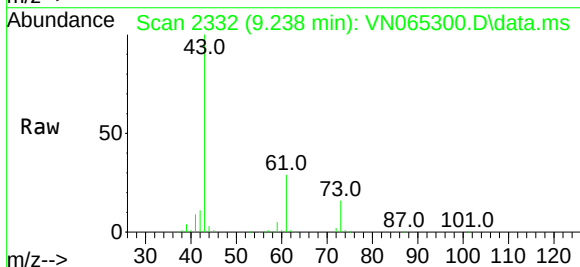
Instrument :
MSVOA_N
ClientSampled :
PB133842TB

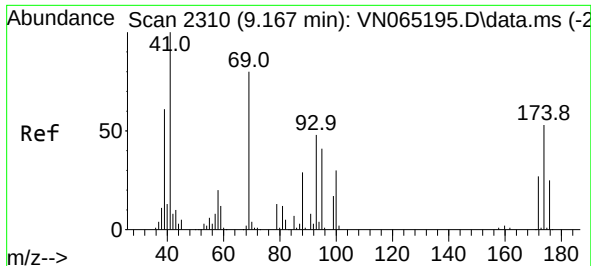
Tgt Ion:	43	Resp:	23219
Ion	Ratio	Lower	Upper
43	100		
61	19.6	17.2	25.8
87	12.0	11.4	17.0



#45
1,2-Dichloropropane
Concen: 0.52 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

Tgt Ion:	63	Resp:	1477
Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

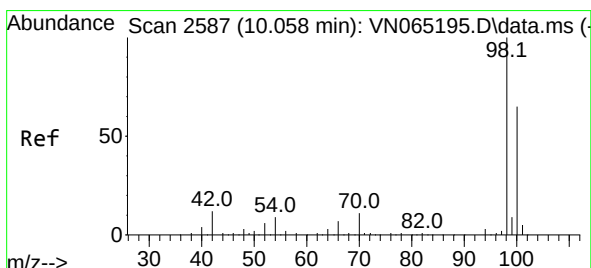
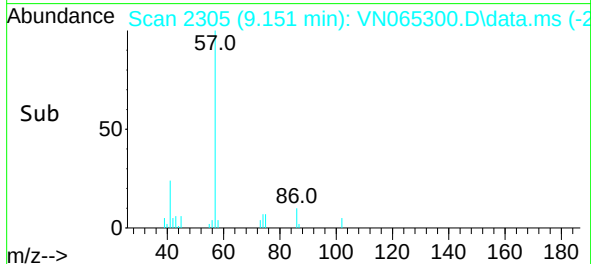
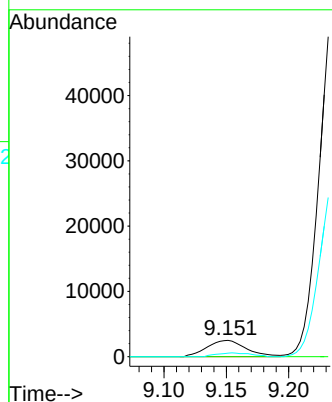
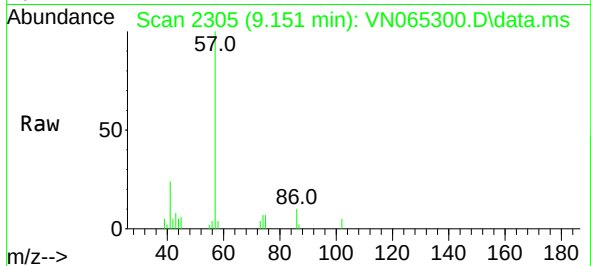




#48
Methyl methacrylate
Concen: 1.78 ug/l
RT: 9.151 min Scan# 2305
Delta R.T. -0.016 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

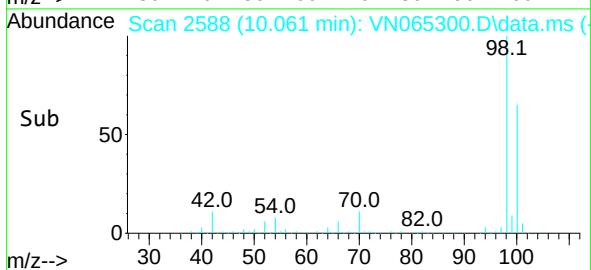
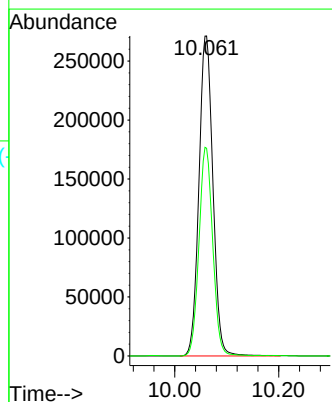
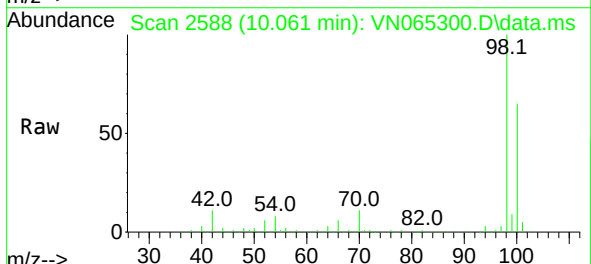
Instrument :
MSVOA_N
ClientSampled :
PB133842TB

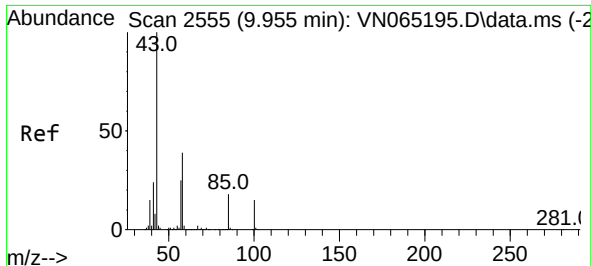
Tgt Ion: 41 Resp: 5462
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#



#50
Toluene-d8
Concen: 55.04 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

Tgt Ion: 98 Resp: 506165
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5

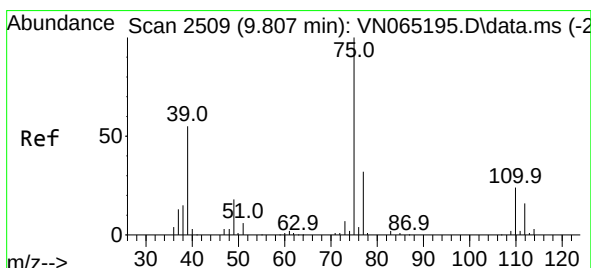
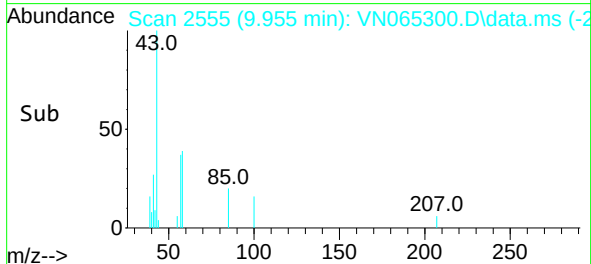
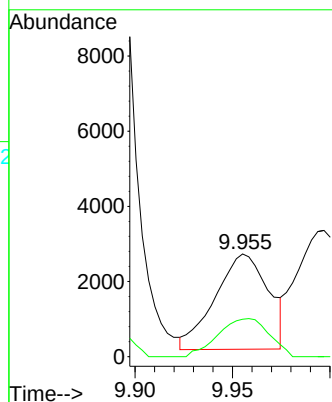
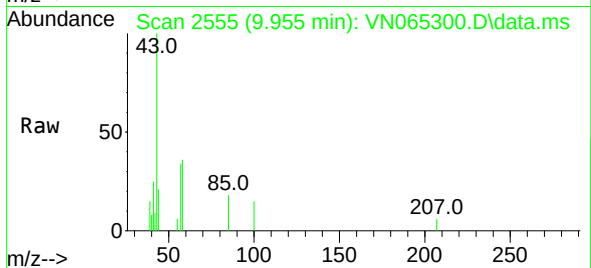




#51
4-Methyl-2-Pentanone
Concen: 1.36 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

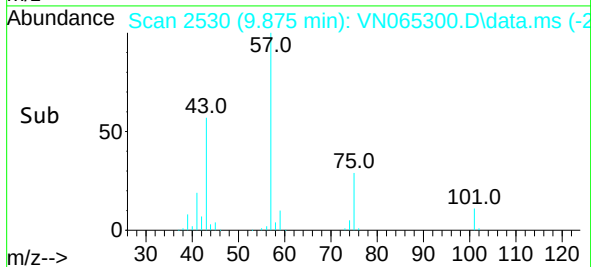
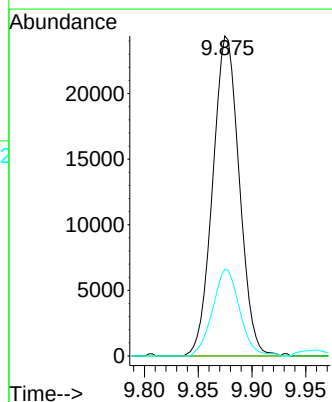
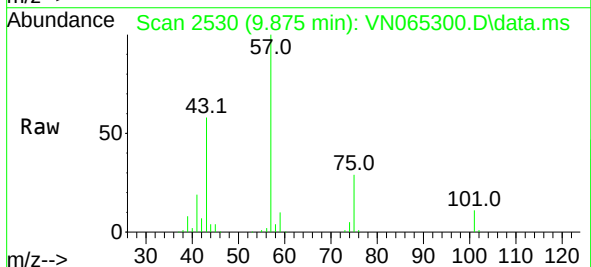
Instrument :
MSVOA_N
ClientSampleId :
PB133842TB

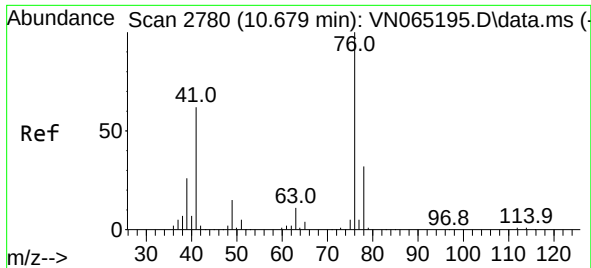
Tgt Ion: 43 Resp: 4820
Ion Ratio Lower Upper
43 100
58 38.4 32.4 48.6



#54
cis-1,3-Dichloropropene
Concen: 8.54 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.068 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

Tgt Ion: 75 Resp: 41884
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 27.1 35.6 53.4#

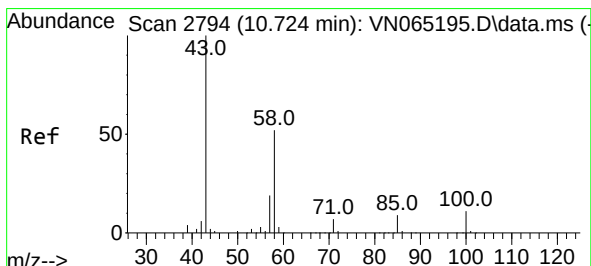
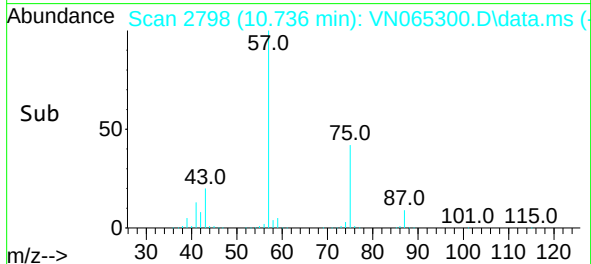
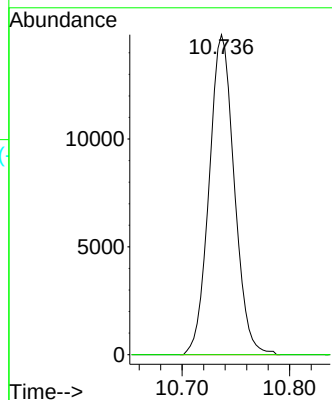
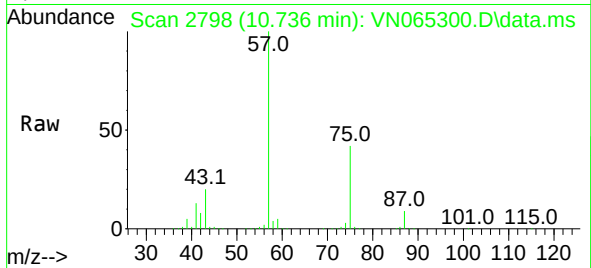




#57
1,3-Dichloropropane
Concen: 5.32 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

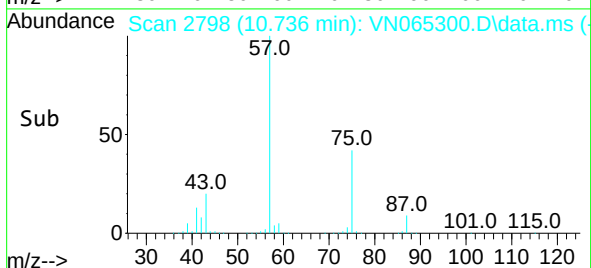
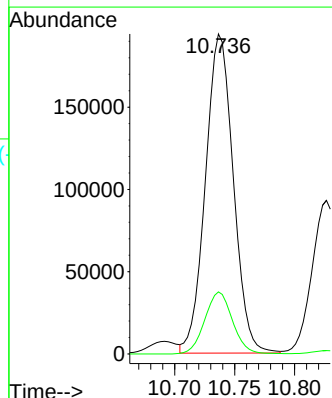
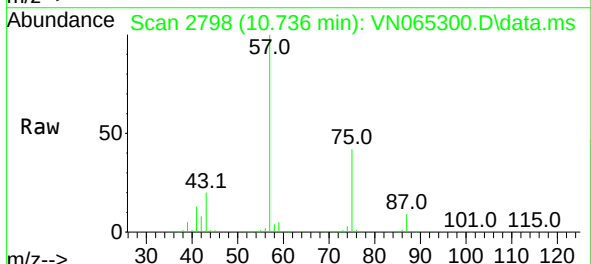
Instrument :
MSVOA_N
ClientSampled :
PB133842TB

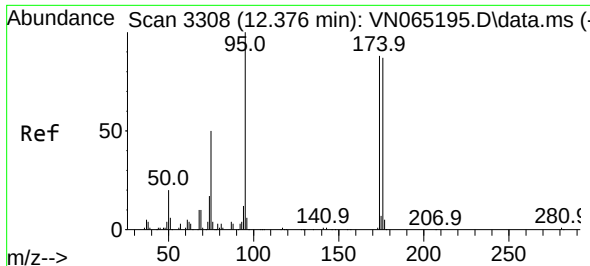
Tgt Ion: 76 Resp: 24100
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 120.10 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

Tgt Ion: 43 Resp: 313585
Ion Ratio Lower Upper
43 100
58 19.4 28.3 84.9#

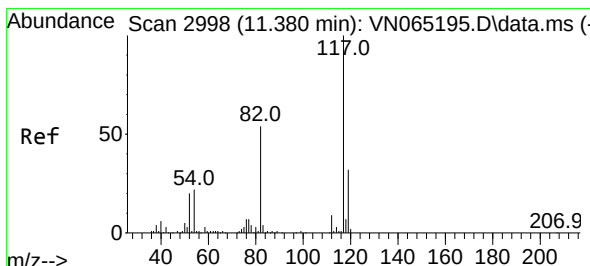
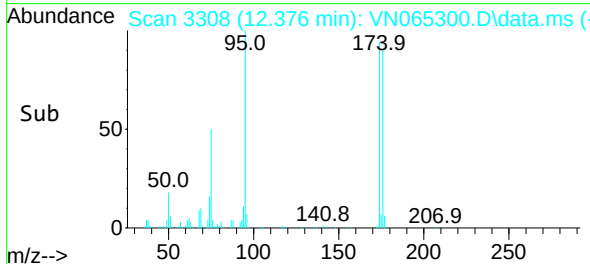
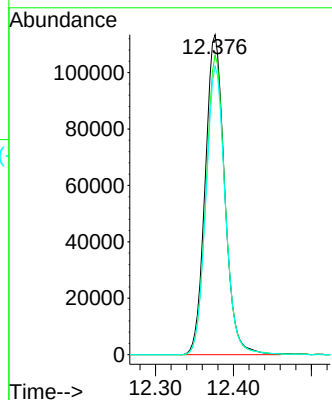
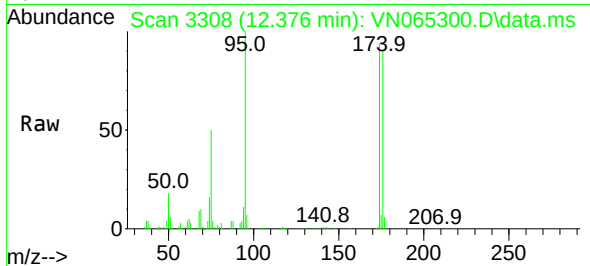




#62
4-Bromofluorobenzene
Concen: 53.53 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

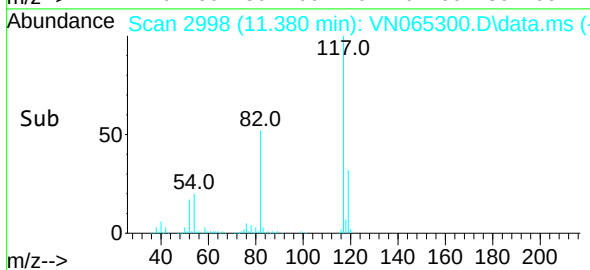
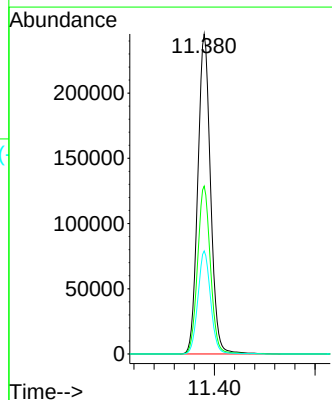
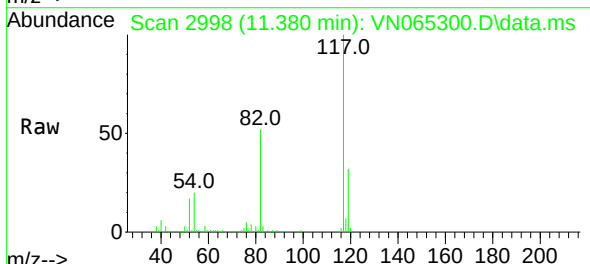
Instrument :
MSVOA_N
ClientSampleId :
PB133842TB

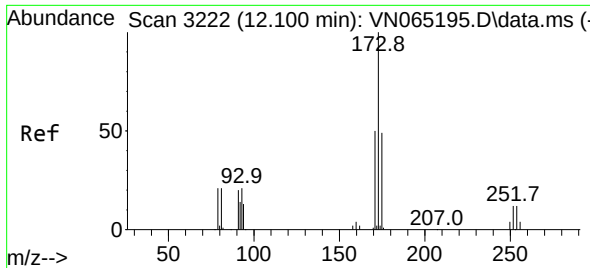
Tgt Ion:	95	Resp:	196139
Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	160.4
176	90.1	0.0	158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

Tgt Ion:	117	Resp:	431280
Ion	Ratio	Lower	Upper
117	100		
82	52.5	44.2	66.2
119	32.2	25.8	38.6

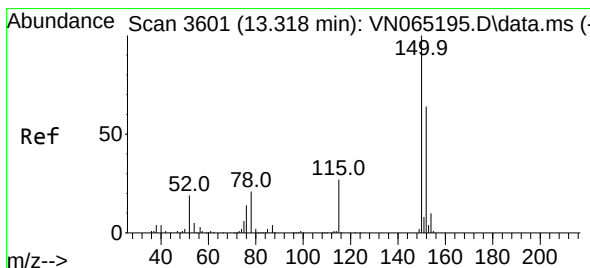
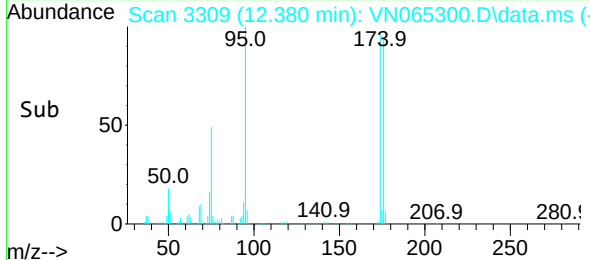
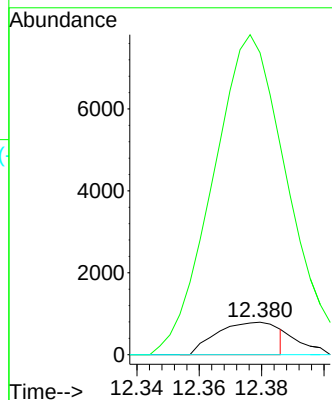
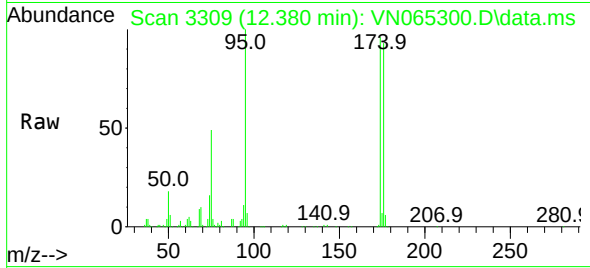




#71
Bromoform
Concen: 0.37 ug/l
RT: 12.380 min Scan# 3309
Delta R.T. 0.280 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

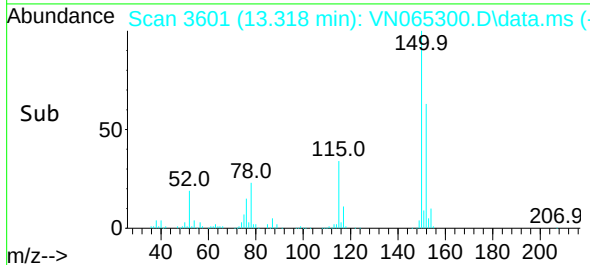
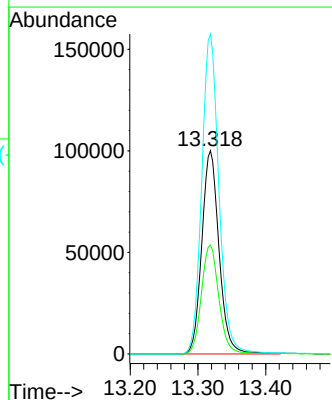
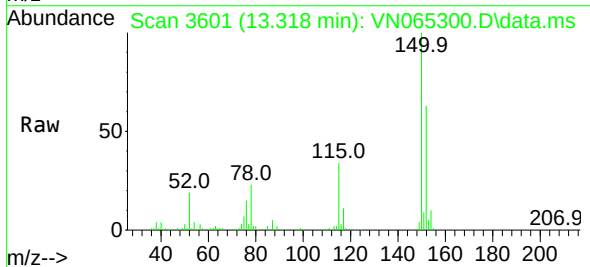
Instrument :
MSVOA_N
ClientSampleId :
PB133842TB

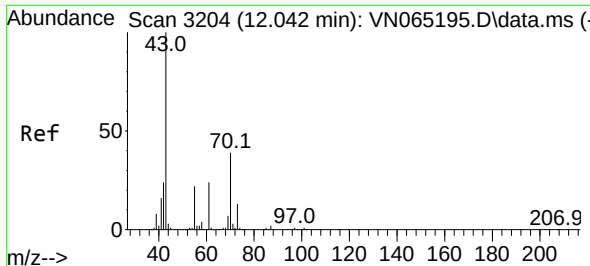
Tgt Ion:173 Resp: 1089
Ion Ratio Lower Upper
173 100
175 991.2 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

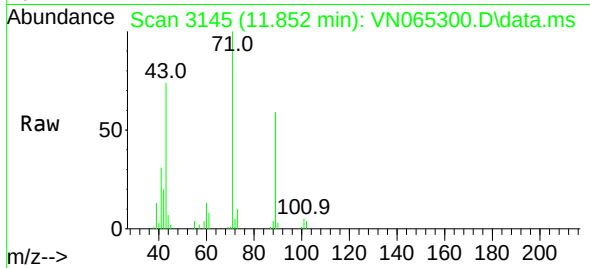
Tgt Ion:152 Resp: 177230
Ion Ratio Lower Upper
152 100
115 54.1 29.7 89.1
150 157.5 0.0 350.6



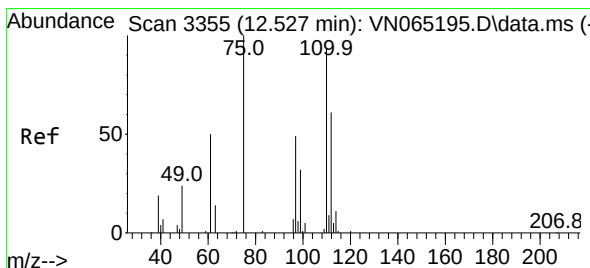
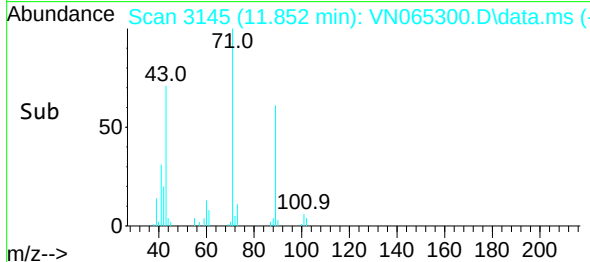
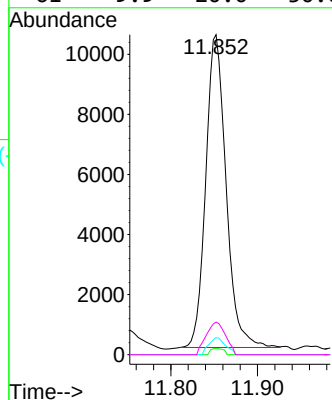


#74
N-amy1 acetate
Concen: 3.16 ug/l
RT: 11.852 min Scan# 3145
Delta R.T. -0.190 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

Instrument :
MSVOA_N
ClientSampleId :
PB133842TB

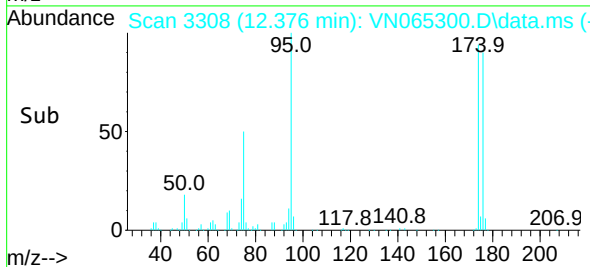
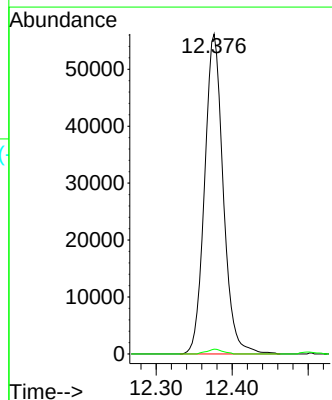
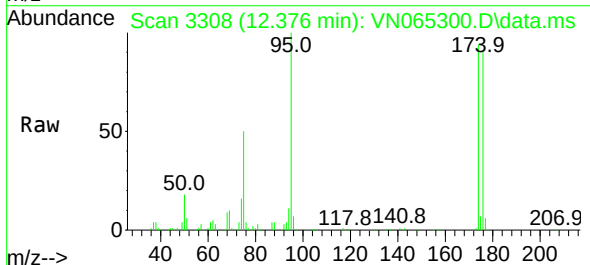


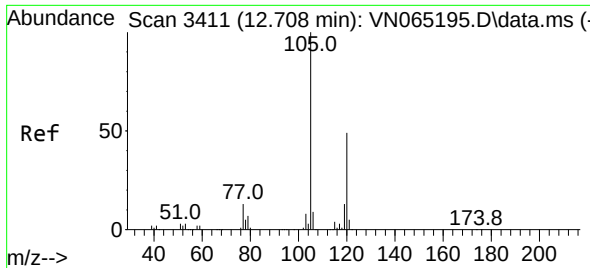
Tgt Ion: 43	Resp: 16993
Ion Ratio	Lower Upper
43	100
70	1.3 34.5 51.7#
55	4.4 20.4 30.6#
61	9.9 20.0 30.0#



#76
1,2,3-Trichloropropane
Concen: 26.48 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

Tgt Ion: 75	Resp: 95733
Ion Ratio	Lower Upper
75	100
77	1.3 0.0 0.0#

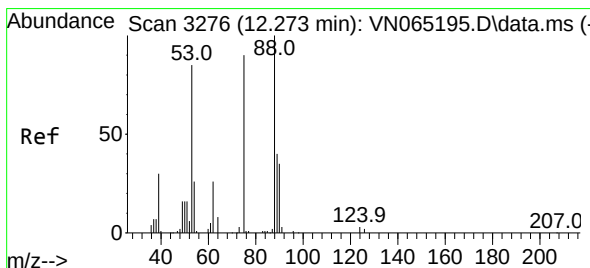
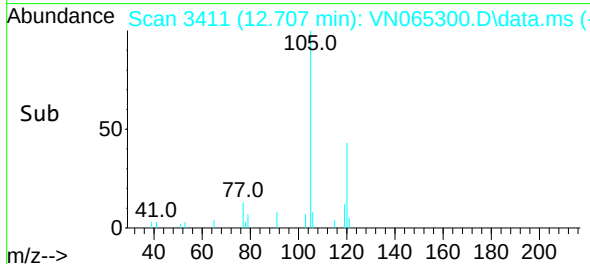
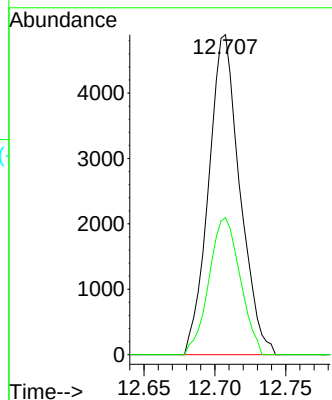
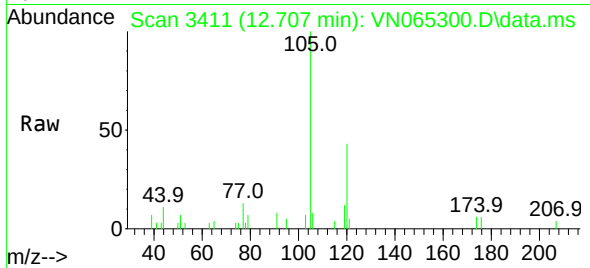




#80
1,3,5-Trimethylbenzene
Concen: 0.65 ug/l
RT: 12.707 min Scan# 3411
Delta R.T. -0.001 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

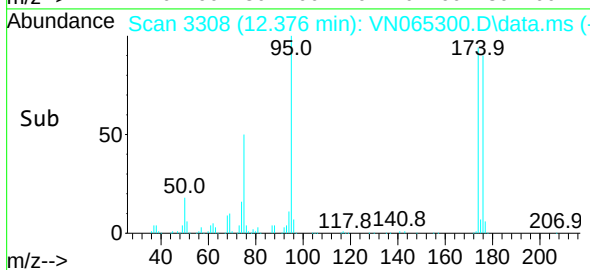
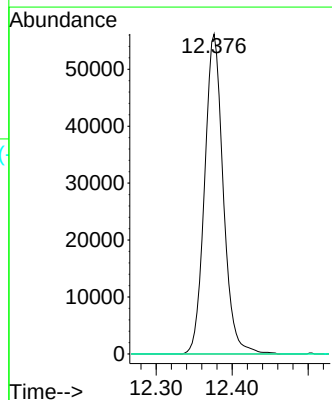
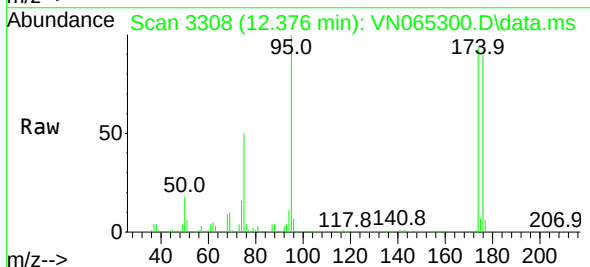
Instrument :
MSVOA_N
ClientSampleId :
PB133842TB

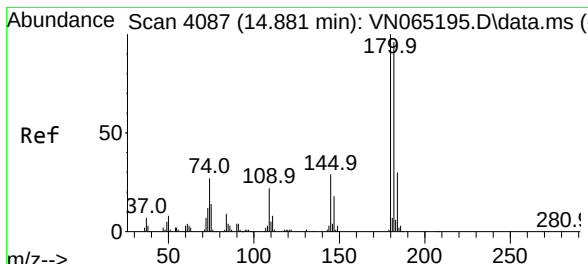
Tgt Ion:105 Resp: 7513
Ion Ratio Lower Upper
105 100
120 42.7 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 66.76 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065300.D
Acq: 29 Dec 2020 12:17

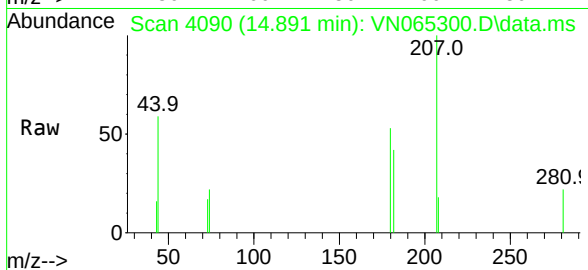
Tgt Ion: 75 Resp: 95733
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



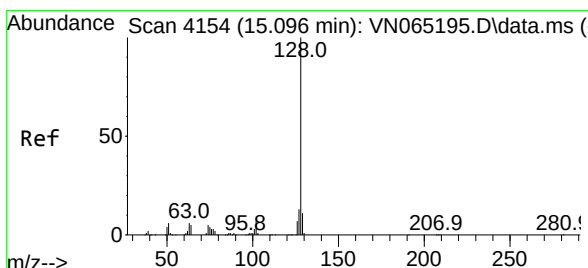
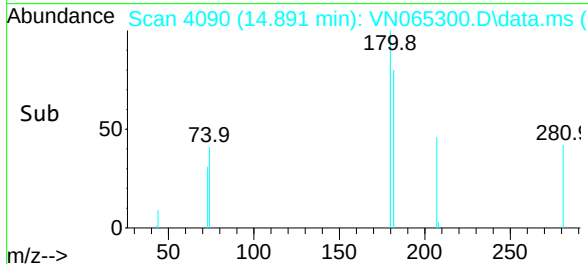
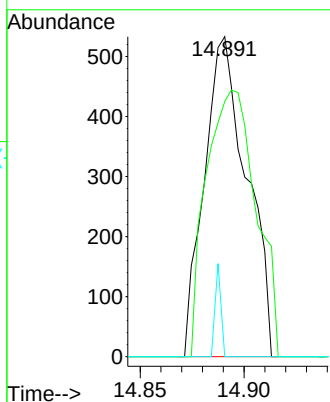


#93
 1,2,4-Trichlorobenzene
 Concen: 3.04 ug/l
 RT: 14.891 min Scan# 4090
 Delta R.T. 0.010 min
 Lab File: VN065300.D
 Acq: 29 Dec 2020 12:17

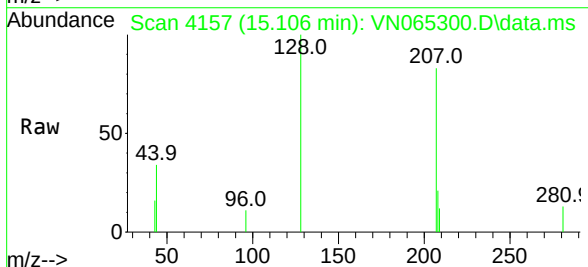
Instrument :
 MSVOA_N
 ClientSampleId :
 PB133842TB



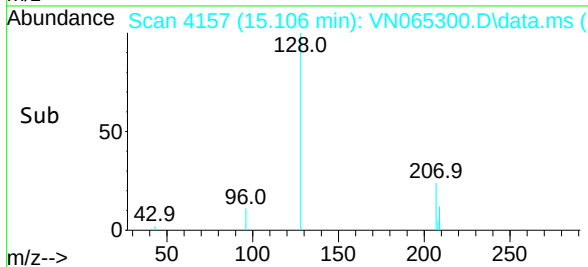
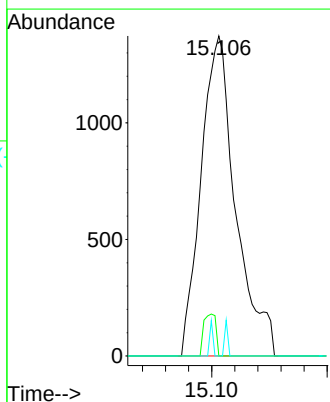
Tgt Ion:	180	Resp:	756
Ion Ratio	Lower	Upper	
180	100		
182	97.9	47.6	142.9
145	4.0	15.3	45.8#

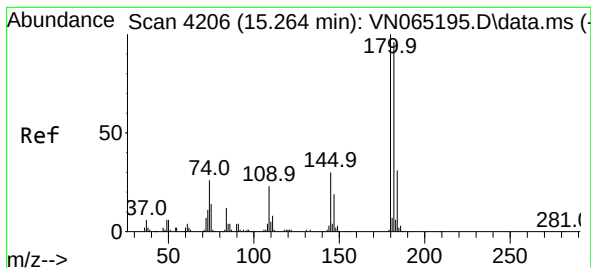


#95
 Naphthalene
 Concen: 3.66 ug/l
 RT: 15.106 min Scan# 4157
 Delta R.T. 0.010 min
 Lab File: VN065300.D
 Acq: 29 Dec 2020 12:17



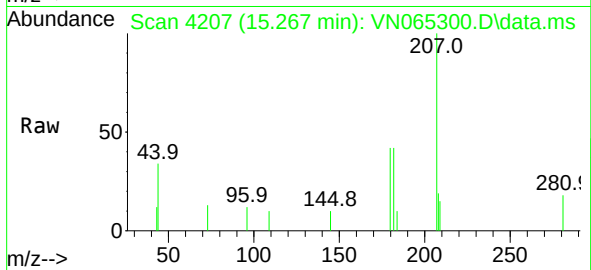
Tgt Ion:	128	Resp:	2850
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.3	15.5#
129	1.1	8.7	13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.54 ug/l
 RT: 15.267 min Scan# 4207
 Delta R.T. 0.003 min
 Lab File: VN065300.D
 Acq: 29 Dec 2020 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133842TB



Tgt Ion:	180	Resp:	1095
Ion Ratio	Lower	Upper	
180	100		
182	90.3	48.1	144.4
145	8.3	16.4	49.1#

