

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123020\
 Data File : VN065326.D
 Acq On : 30 Dec 2020 17:36
 Operator : JC/MD
 Sample : PB133547ZHE#05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 31 03:04:40 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)

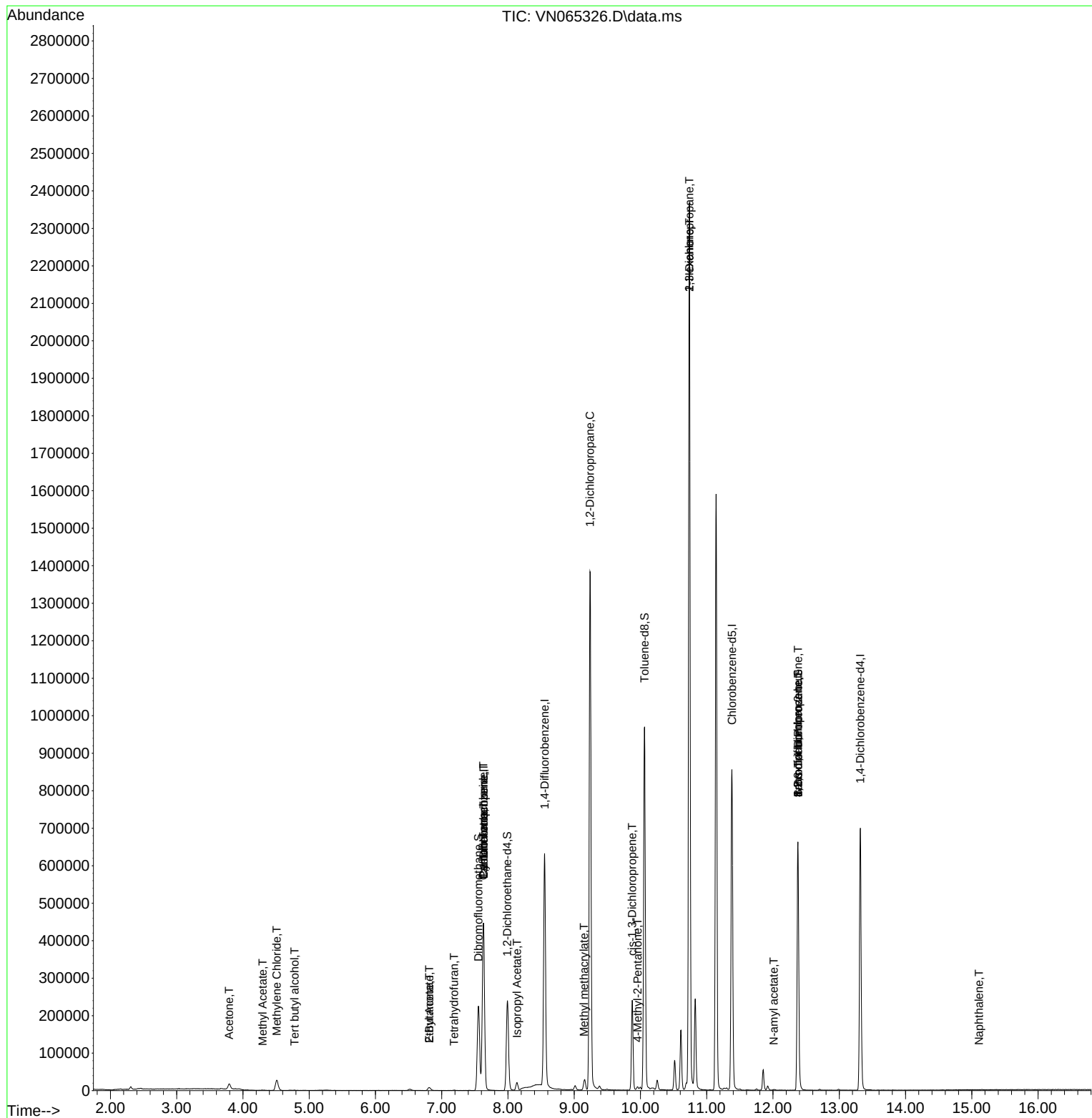
Internal Standards						
1) Pentafluorobenzene	7.631	168	406723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	581841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	534817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	214552	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	210244	45.79	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.58%		
35) Dibromofluoromethane	7.553	113	174511	49.71	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.42%		
50) Toluene-d8	10.061	98	699782	53.19	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.38%		
62) 4-Bromofluorobenzene	12.376	95	233201	45.35	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.70%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.779	59	1114	1.48	ug/l #	73
16) Acetone	3.791	43	21165	0.23	ug/l	95
18) Methyl Acetate	4.296	43	1204	0.29	ug/l #	50
20) Methylene Chloride	4.512	84	21451	4.79	ug/l	96
25) 2-Butanone	6.811	43	12087	4.69	ug/l	96
29) Tetrahydrofuran	7.187	42	538	0.32	ug/l #	68
31) Cyclohexane	7.631	56	6651	0.98	ug/l #	1
36) 1,1-Dichloropropene	7.631	75	25519	4.82	ug/l #	49
37) Ethyl Acetate	6.811	43	12087	2.31	ug/l #	66
38) Carbon Tetrachloride	7.627	117	33929	6.11	ug/l #	16
43) Isopropyl Acetate	8.135	43	25821	2.86	ug/l	99
45) 1,2-Dichloropropane	9.238	63	1707	0.42	ug/l #	43
48) Methyl methacrylate	9.148	41	7176	1.64	ug/l #	12
51) 4-Methyl-2-Pentanone	9.955	43	6179	1.22	ug/l	95
54) cis-1,3-Dichloropropene	9.875	75	45060	6.42	ug/l #	61
57) 1,3-Dichloropropane	10.737	76	25505	3.94	ug/l #	42
59) 2-Hexanone	10.737	43	342228	91.61	ug/l #	50
71) Bromoform	12.376	173	1444	0.40	ug/l #	1
74) N-amyl acetate	12.013	43	1720	0.26	ug/l #	42
76) 1,2,3-Trichloropropane	12.376	75	114066	26.06	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	114066	65.71	ug/l #	15
95) Naphthalene	15.109	128	160	3.39	ug/l #	69

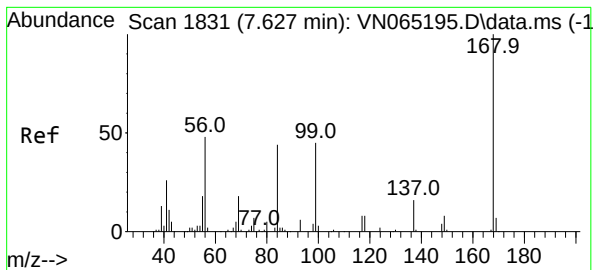
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123020\
Data File : VN065326.D
Acq On : 30 Dec 2020 17:36
Operator : JC/MD
Sample : PB133547ZHE#05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 31 03:04:40 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

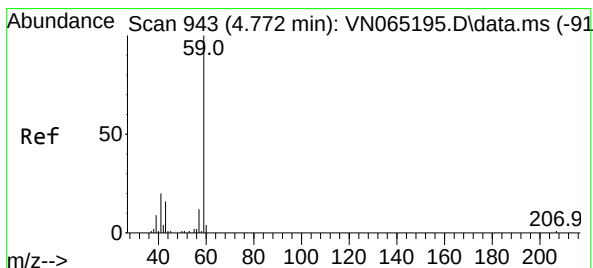
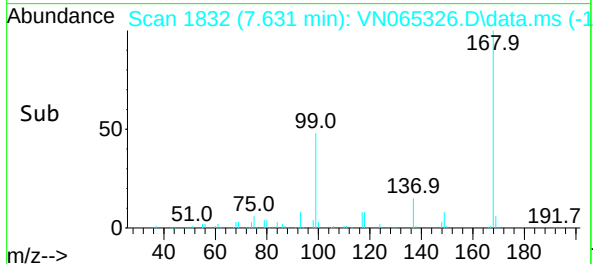
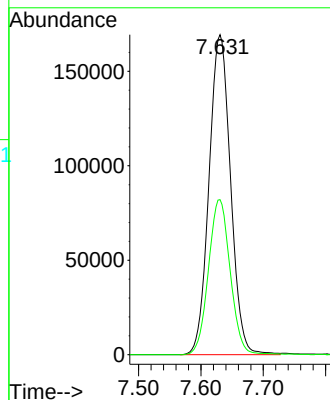
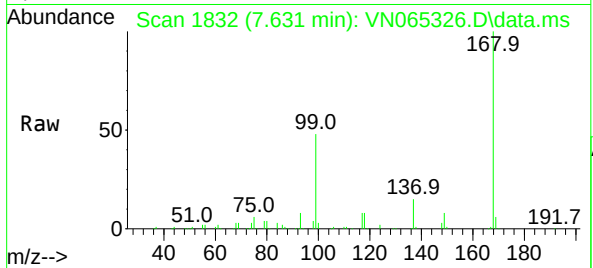




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

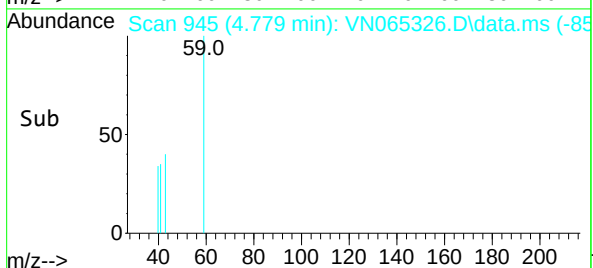
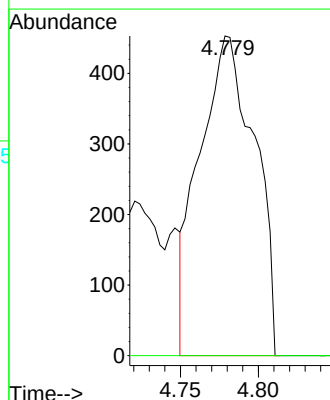
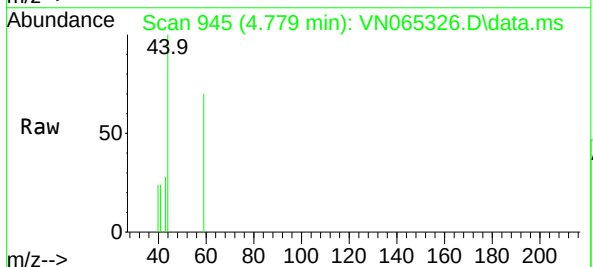
Instrument :
MSVOA_N
ClientSampled :

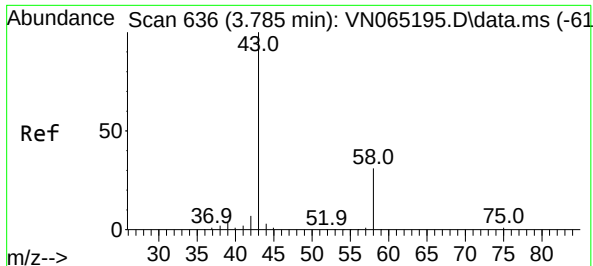
Tgt Ion:168 Resp: 406723
Ion Ratio Lower Upper
168 100
99 48.5 43.0 64.4



#11
Tert butyl alcohol
Concen: 1.48 ug/l
RT: 4.779 min Scan# 945
Delta R.T. 0.007 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

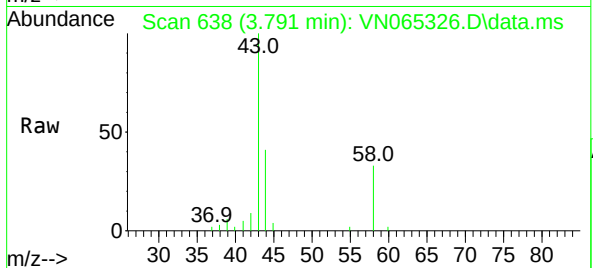
Tgt Ion: 59 Resp: 1114
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



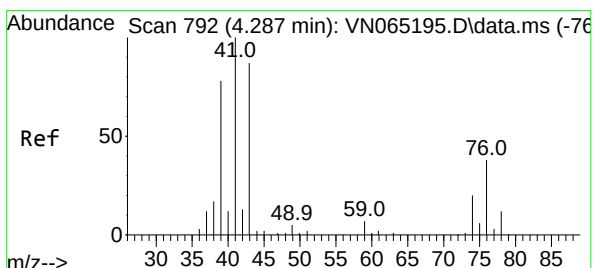
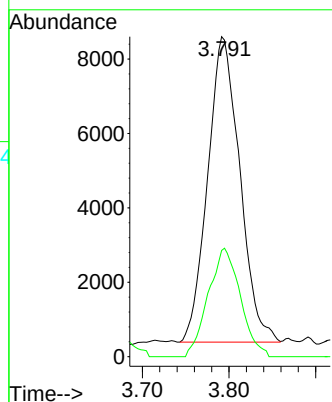
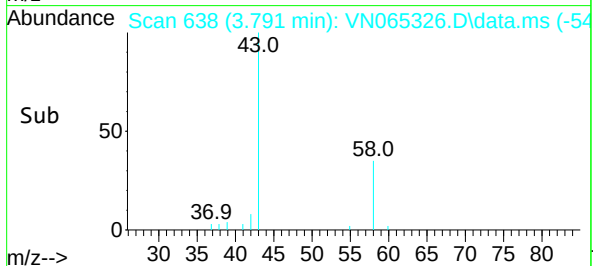


#16
Acetone
Concen: 0.23 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

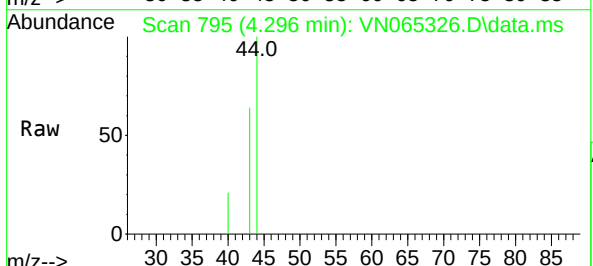
Instrument :
MSVOA_N
ClientSampled :



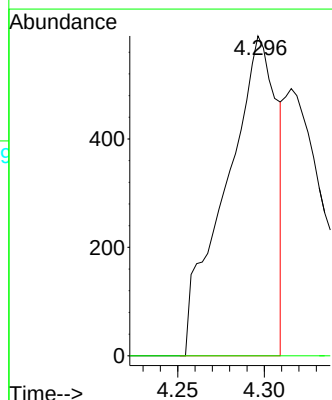
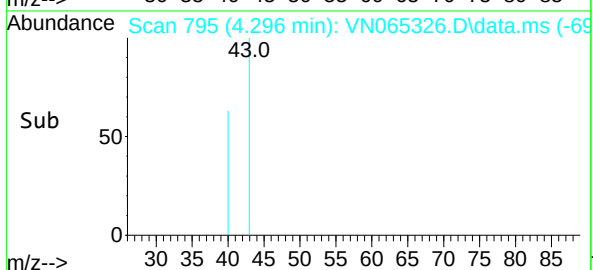
Tgt Ion: 43 Resp: 21165
Ion Ratio Lower Upper
43 100
58 34.8 25.7 38.5

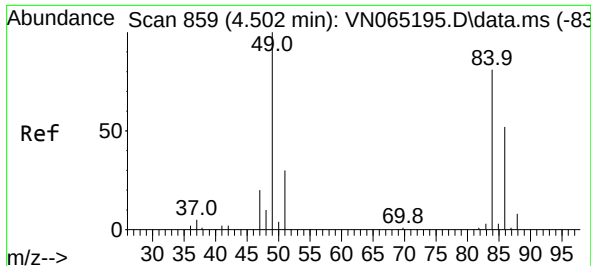


#18
Methyl Acetate
Concen: 0.29 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.009 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36



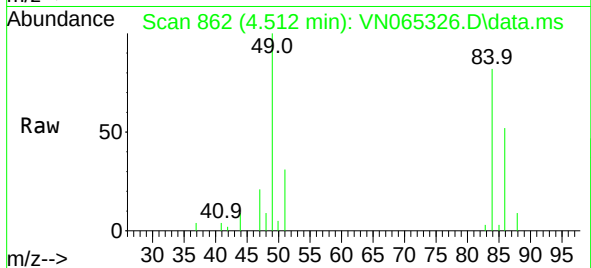
Tgt Ion: 43 Resp: 1204
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



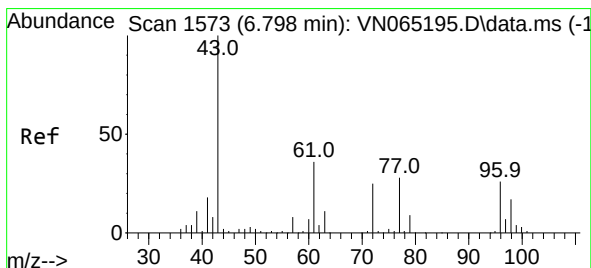
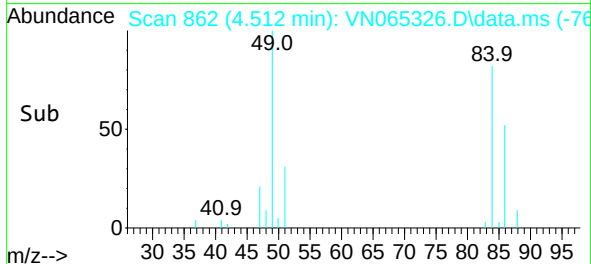
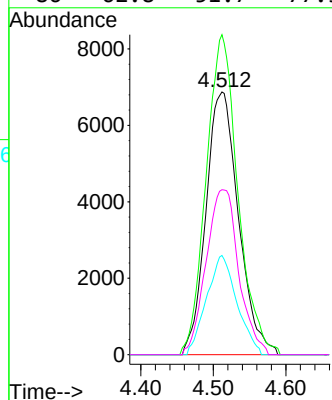


#20
Methylene Chloride
Concen: 4.79 ug/l
RT: 4.512 min Scan# 862
Delta R.T. 0.010 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

Instrument :
MSVOA_N
ClientSampled :

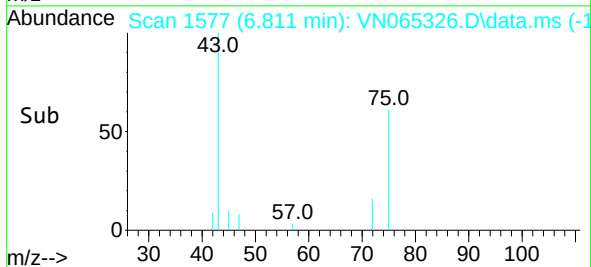
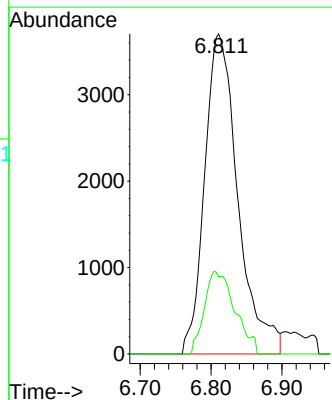
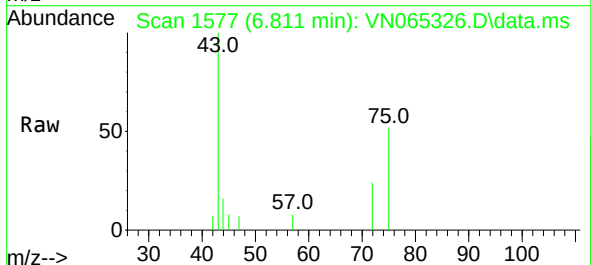


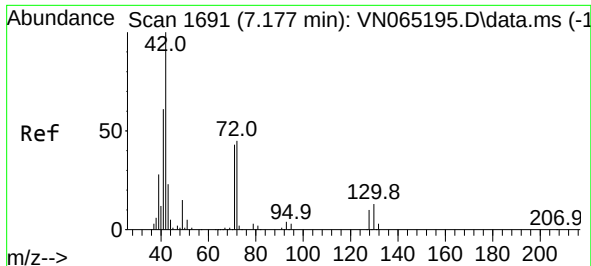
Tgt Ion:	84	Resp:	21451
Ion	Ratio	Lower	Upper
84	100		
49	121.8	93.4	140.0
51	37.7	28.2	42.4
86	62.8	51.7	77.5



#25
2-Butanone
Concen: 4.69 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. 0.013 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

Tgt Ion:	43	Resp:	12087
Ion	Ratio	Lower	Upper
43	100		
72	24.1	21.0	31.6





#29

Tetrahydrofuran

Concen: 0.32 ug/l

RT: 7.187 min Scan# 1694

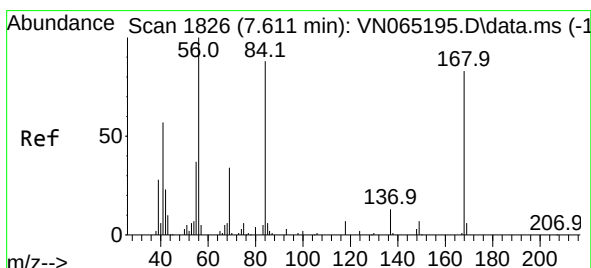
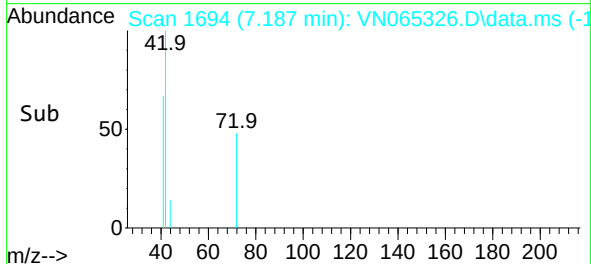
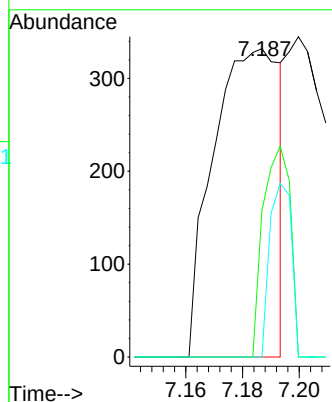
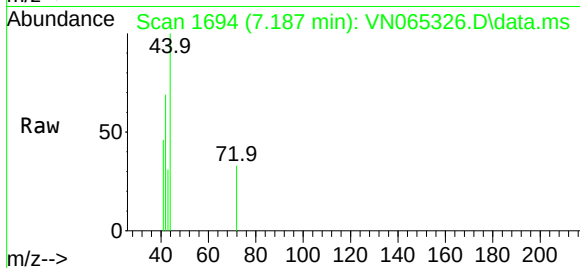
Delta R.T. 0.010 min

Lab File: VN065326.D

Acq: 30 Dec 2020 17:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42	Resp: 538
Ion Ratio	Lower Upper
42 100	
72 27.9	36.6 54.8#
71 18.6	33.6 50.4#



#31

Cyclohexane

Concen: 0.98 ug/l

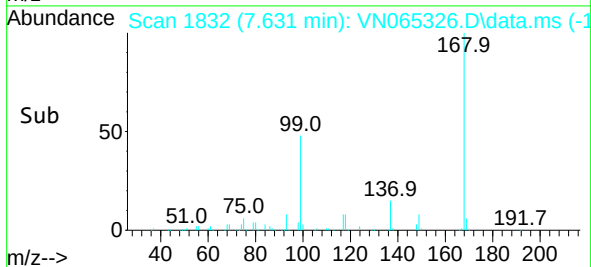
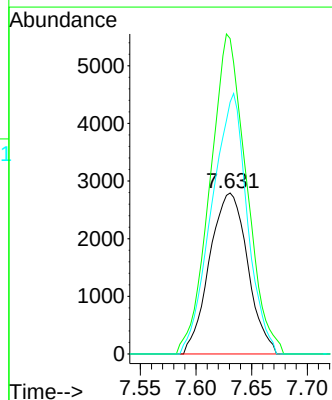
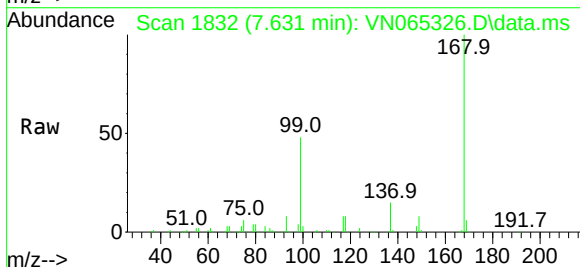
RT: 7.631 min Scan# 1832

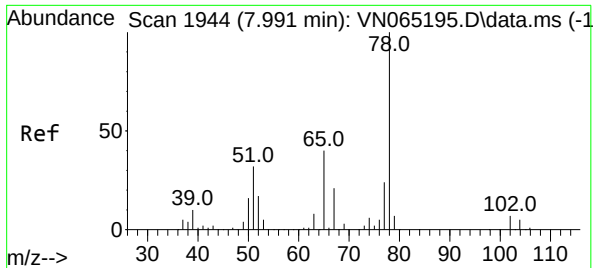
Delta R.T. 0.020 min

Lab File: VN065326.D

Acq: 30 Dec 2020 17:36

Tgt Ion: 56	Resp: 6651		
Ion Ratio	Lower	Upper	
56	100		
69	189.8	27.5	41.3#
84	156.4	73.9	110.9#

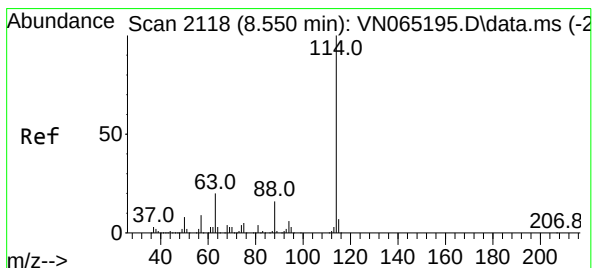
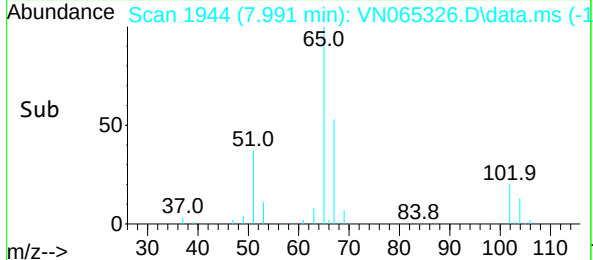
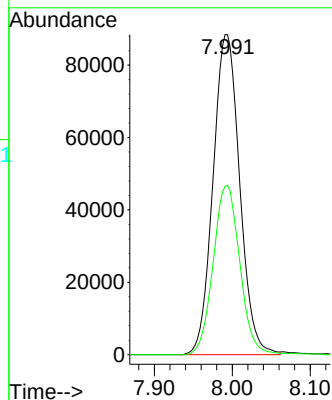
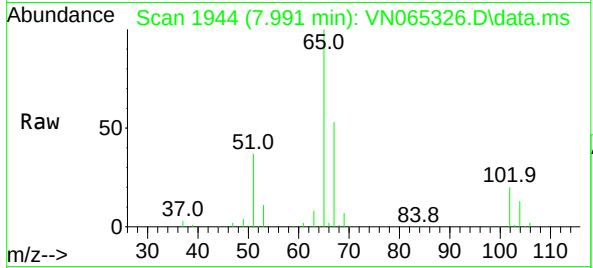




#33
1,2-Dichloroethane-d4
Concen: 45.79 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

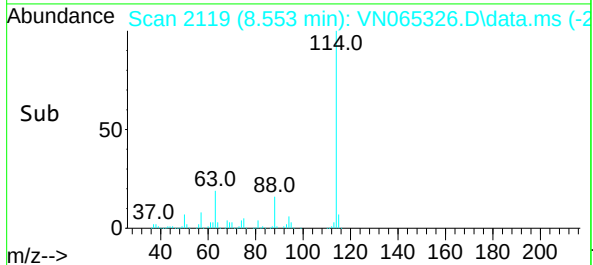
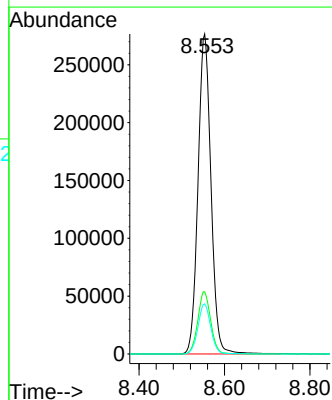
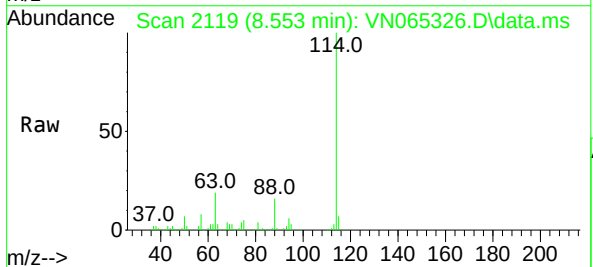
Instrument :
MSVOA_N
ClientSampled :

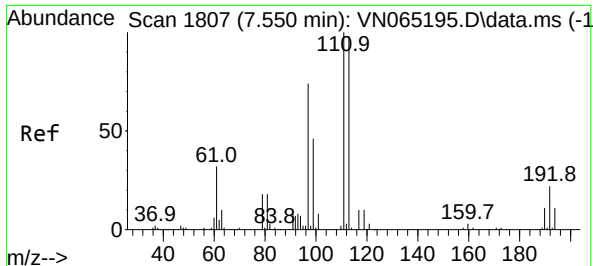
Tgt Ion: 65 Resp: 210244
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

Tgt Ion: 114 Resp: 581841
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.6
88 15.7 0.0 32.6

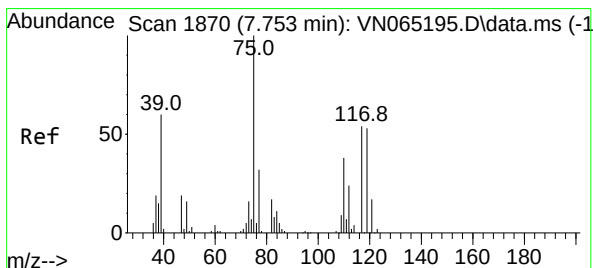
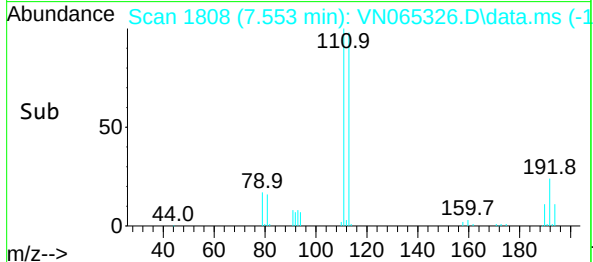
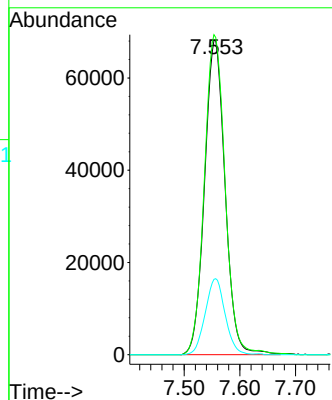
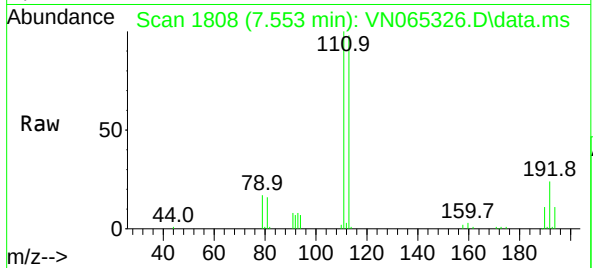




#35
Dibromofluoromethane
Concen: 49.71 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

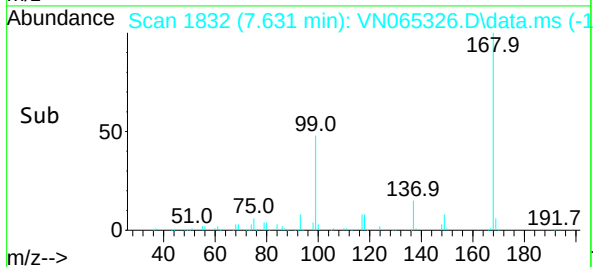
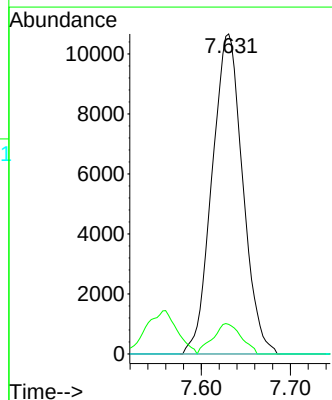
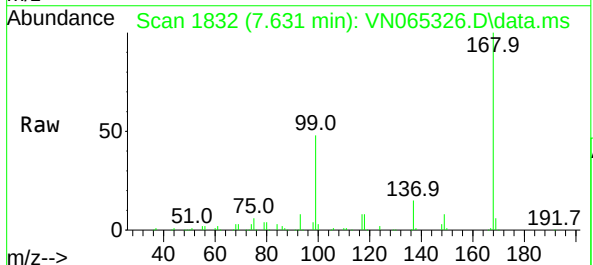
Instrument :
MSVOA_N
ClientSampleId :

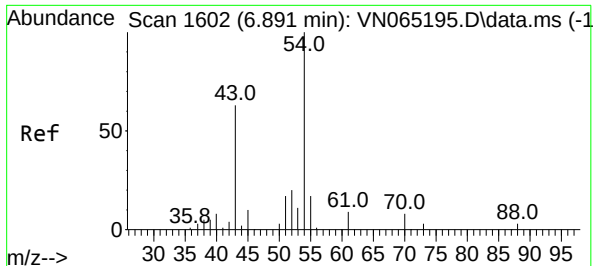
Tgt Ion:113 Resp: 174511
Ion Ratio Lower Upper
113 100
111 103.1 81.6 122.4
192 23.5 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.82 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.122 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

Tgt Ion: 75 Resp: 25519
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 2.31 ug/l

RT: 6.811 min Scan# 1577

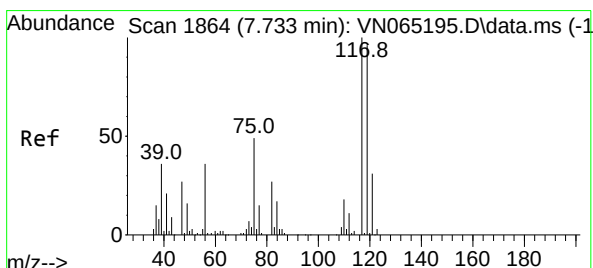
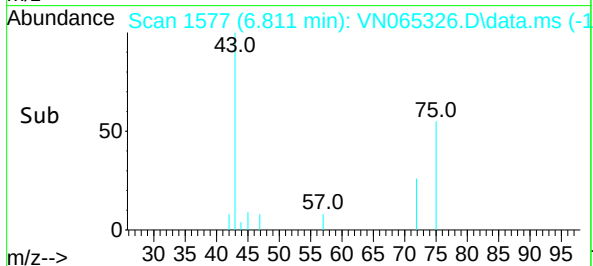
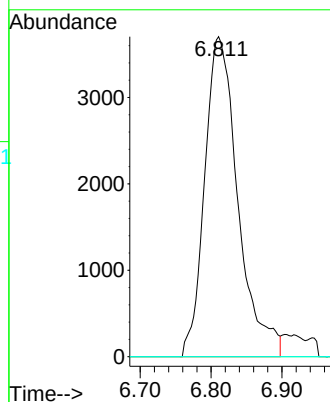
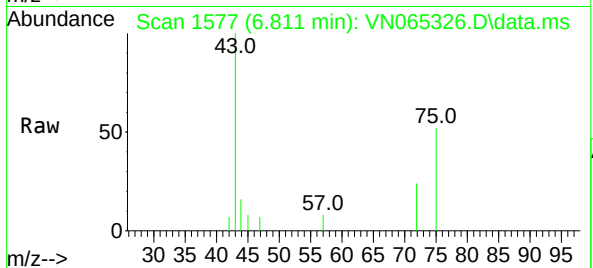
Delta R.T. -0.080 min

Lab File: VN065326.D

Acq: 30 Dec 2020 17:36

Tgt Ion:	43	Resp:	12087
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	8.8	13.2#

Instrument :
MSVOA_N
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.11 ug/l

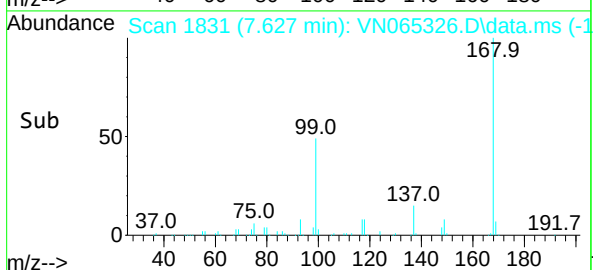
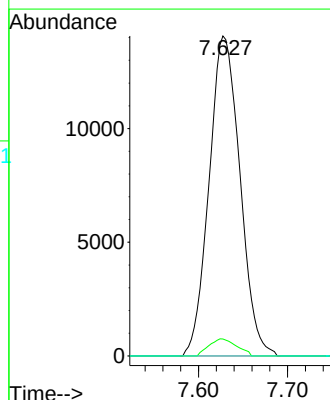
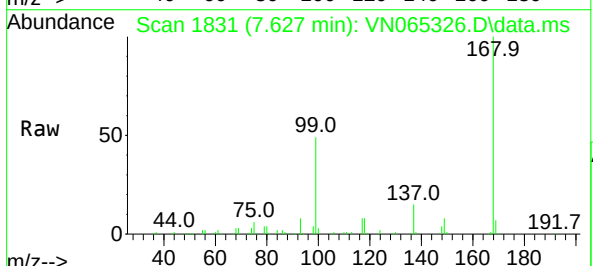
RT: 7.627 min Scan# 1831

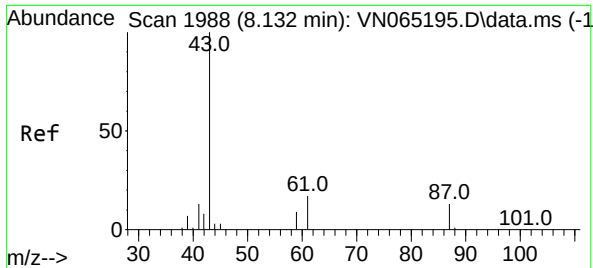
Delta R.T. -0.106 min

Lab File: VN065326.D

Acq: 30 Dec 2020 17:36

Tgt Ion:	117	Resp:	33929
Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.7	115.1#
121	0.0	25.4	38.2#

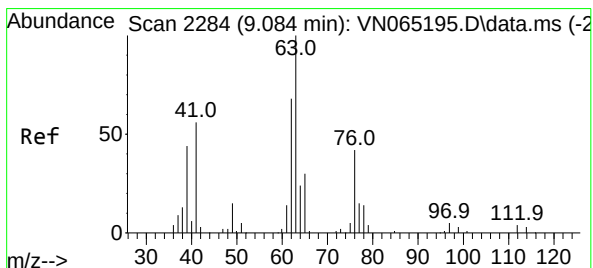
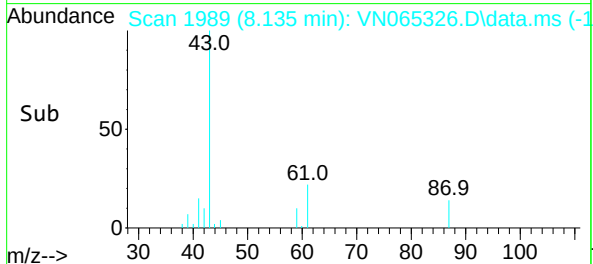
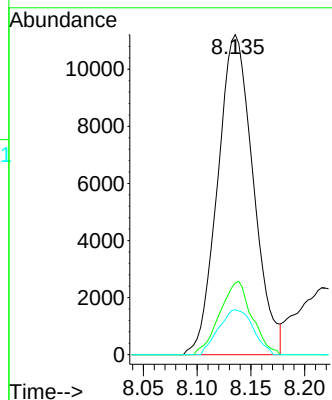
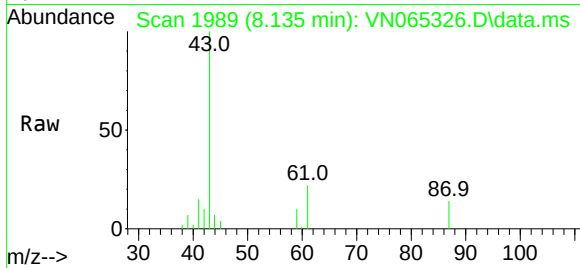




#43
Isopropyl Acetate
Concen: 2.86 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

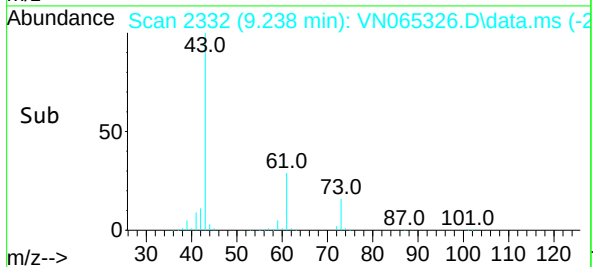
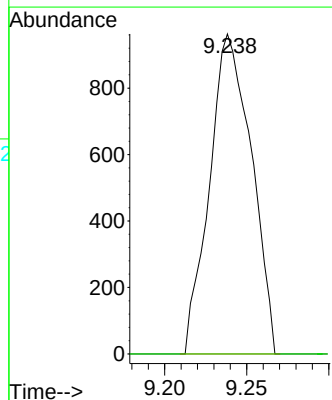
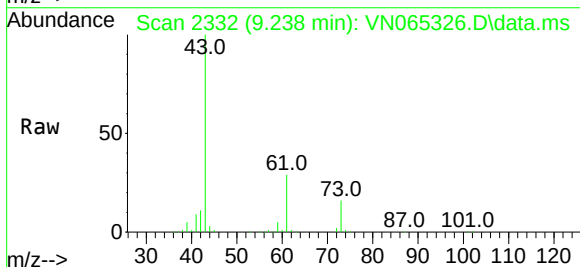
Instrument :
MSVOA_N
ClientSampled :

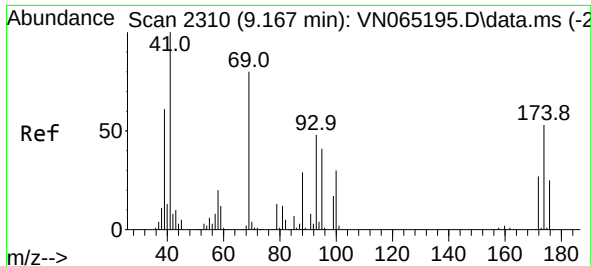
Tgt Ion:	43	Resp:	25821
Ion	Ratio	Lower	Upper
43	100		
61	20.8	17.2	25.8
87	13.6	11.4	17.0



#45
1,2-Dichloropropane
Concen: 0.42 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

Tgt Ion:	63	Resp:	1707
Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

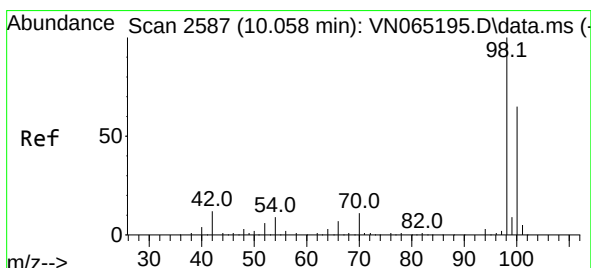
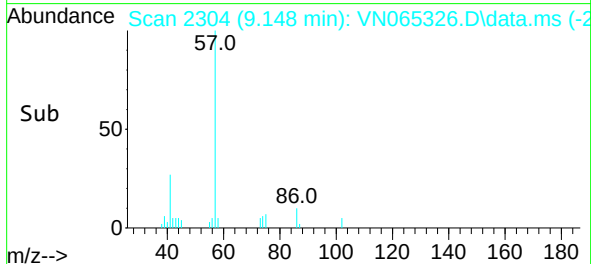
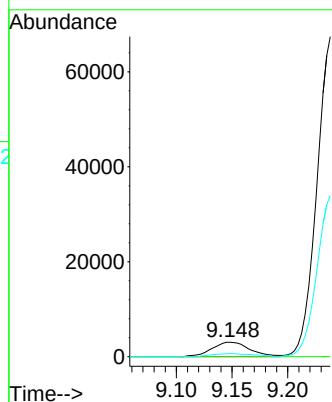
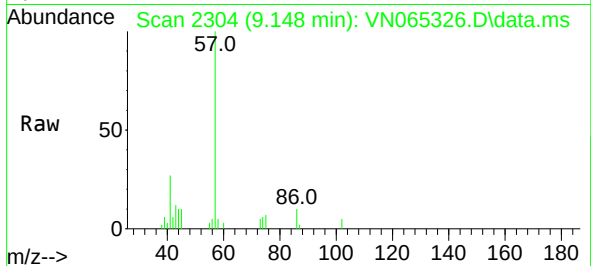




#48
Methyl methacrylate
Concen: 1.64 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

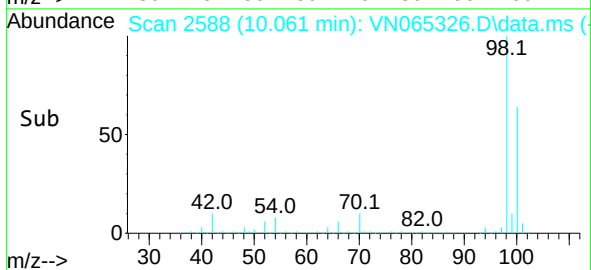
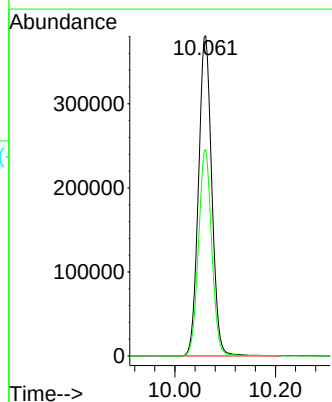
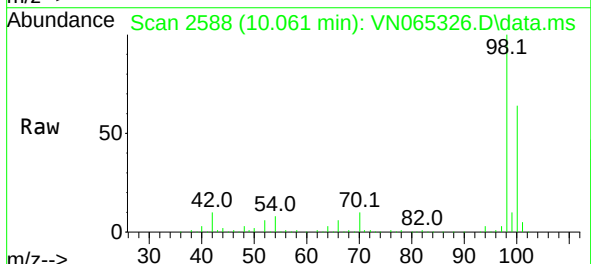
Instrument :
MSVOA_N
ClientSampled :

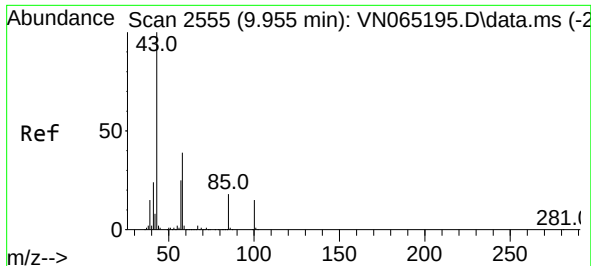
Tgt Ion: 41 Resp: 7176
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#



#50
Toluene-d8
Concen: 53.19 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

Tgt Ion: 98 Resp: 699782
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5

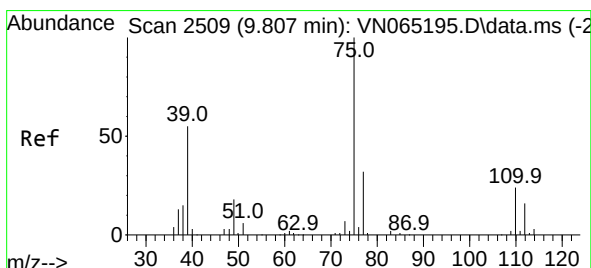
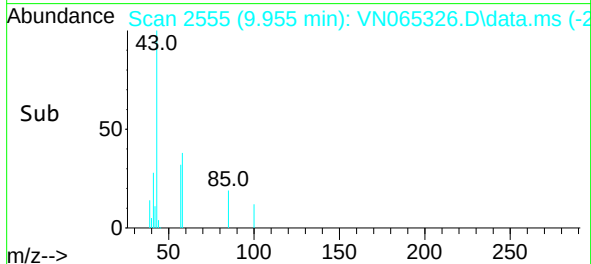
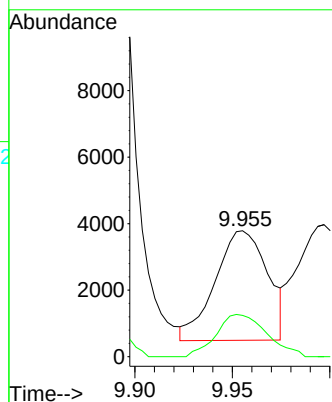
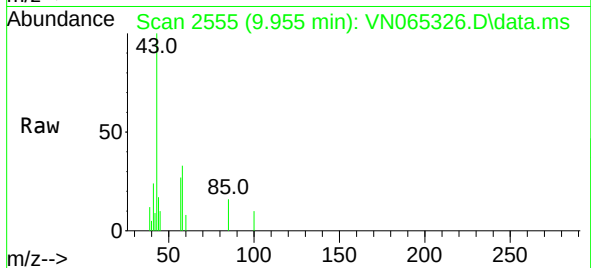




#51
4-Methyl-2-Pentanone
Concen: 1.22 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

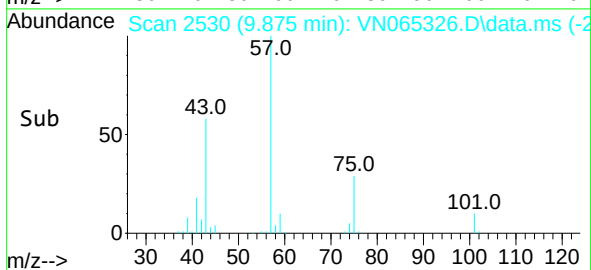
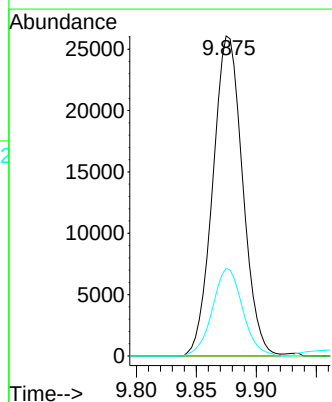
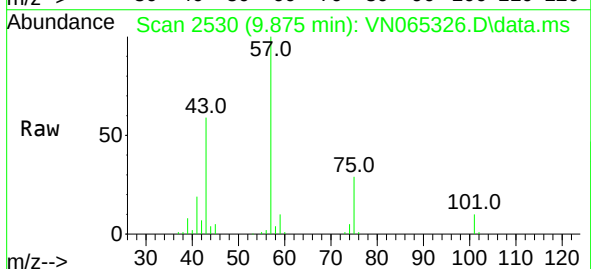
Instrument :
MSVOA_N
ClientSampled :

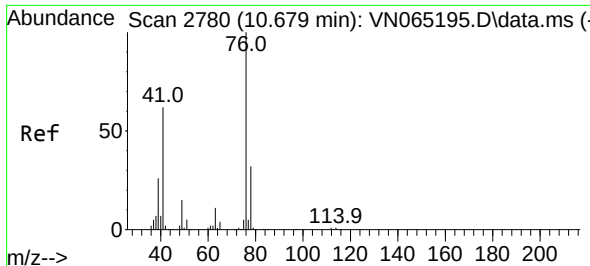
Tgt Ion: 43 Resp: 6179
Ion Ratio Lower Upper
43 100
58 37.1 32.4 48.6



#54
cis-1,3-Dichloropropene
Concen: 6.42 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.068 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

Tgt Ion: 75 Resp: 45060
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 27.3 35.6 53.4#

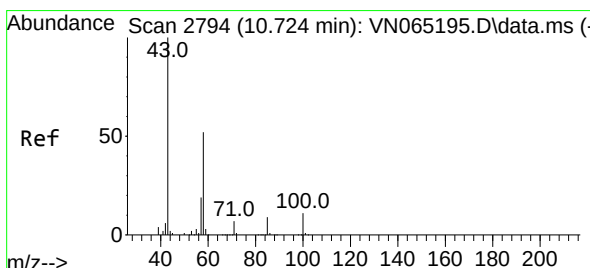
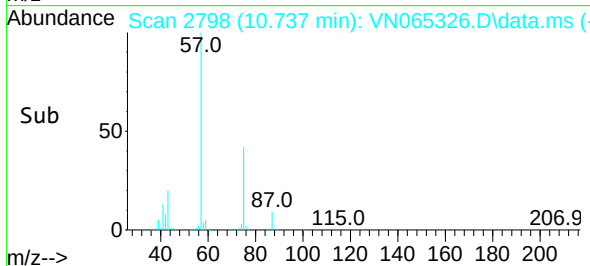
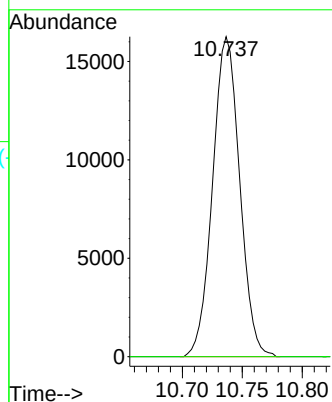
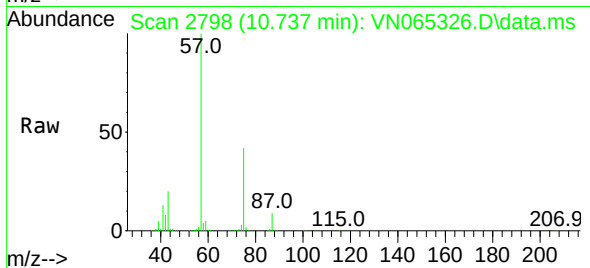




#57
1,3-Dichloropropane
Concen: 3.94 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.058 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

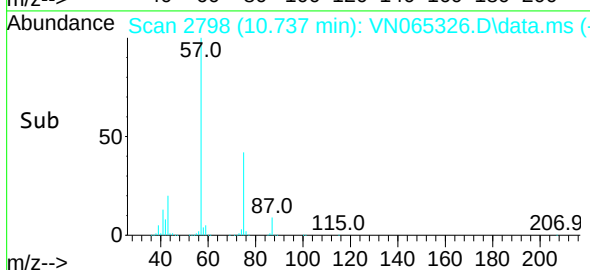
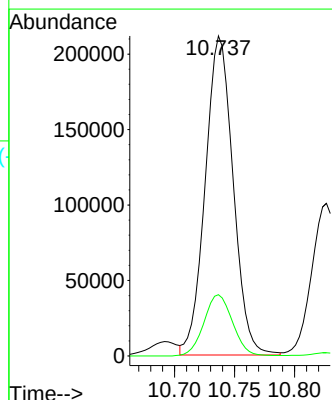
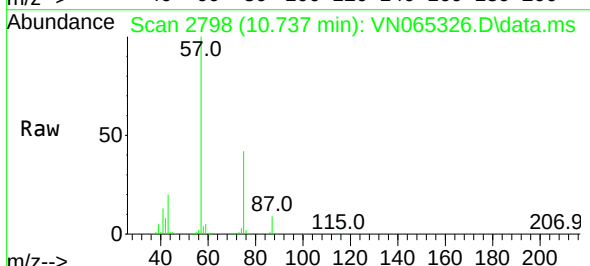
Instrument :
MSVOA_N
ClientSampled :

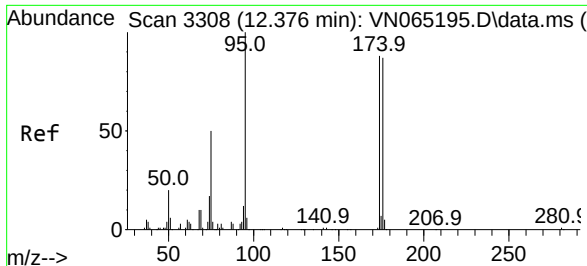
Tgt Ion: 76 Resp: 25505
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 91.61 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.013 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

Tgt Ion: 43 Resp: 342228
Ion Ratio Lower Upper
43 100
58 19.8 28.3 84.9#

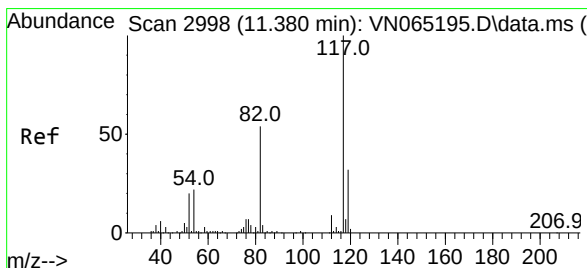
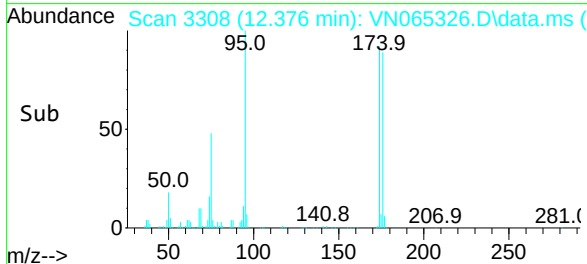
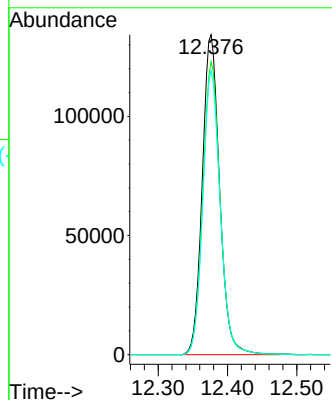
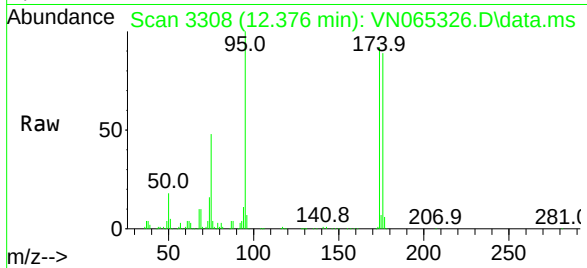




#62
4-Bromofluorobenzene
Concen: 45.35 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

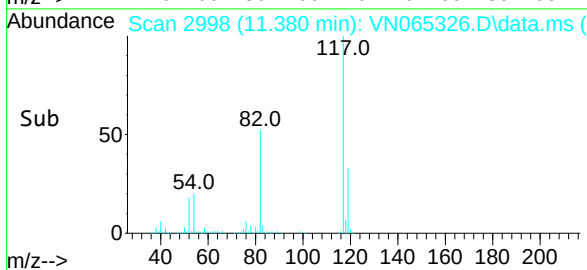
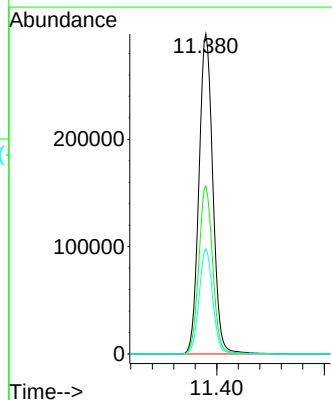
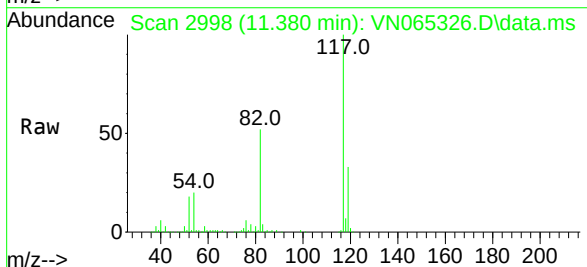
Instrument :
MSVOA_N
ClientSampleId :

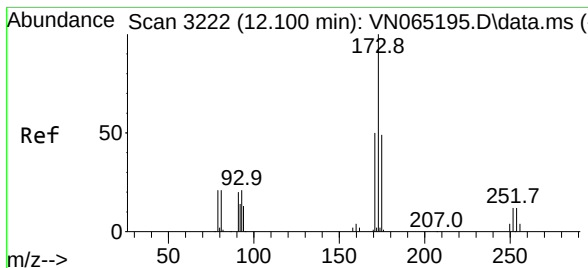
Tgt Ion: 95 Resp: 233201
Ion Ratio Lower Upper
95 100
174 92.2 0.0 160.4
176 88.8 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

Tgt Ion: 117 Resp: 534817
Ion Ratio Lower Upper
117 100
82 52.4 44.2 66.2
119 32.9 25.8 38.6

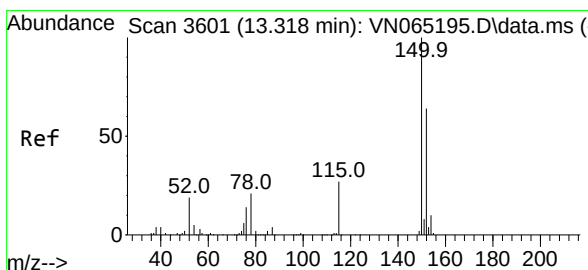
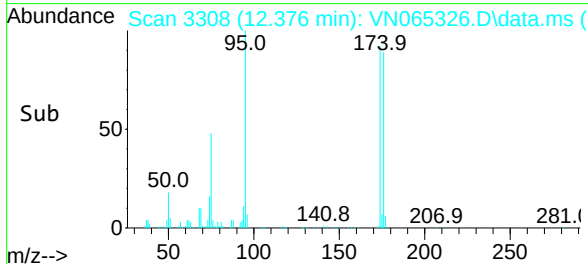
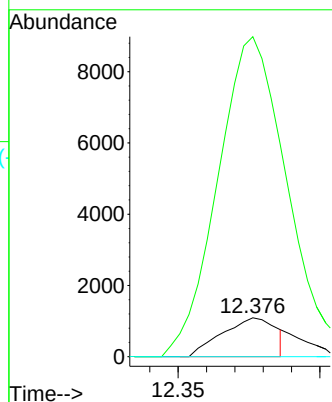
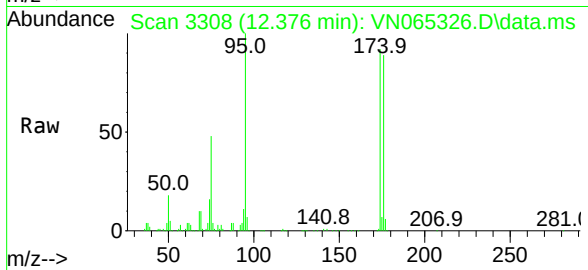




#71
Bromoform
Concen: 0.40 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

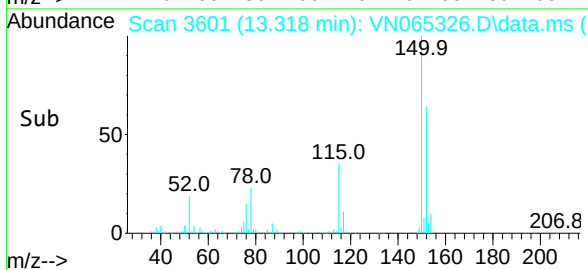
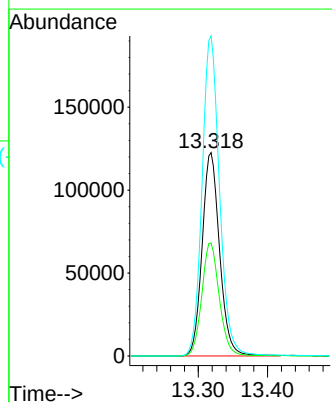
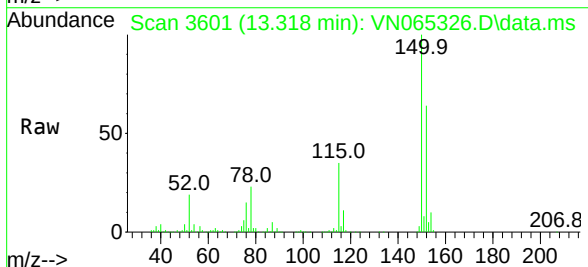
Instrument :
MSVOA_N
ClientSampled :

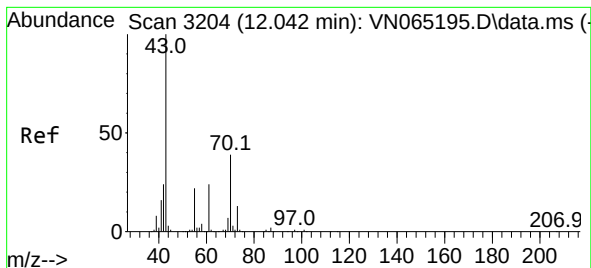
Tgt Ion:173 Resp: 1444
Ion Ratio Lower Upper
173 100
175 875.1 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

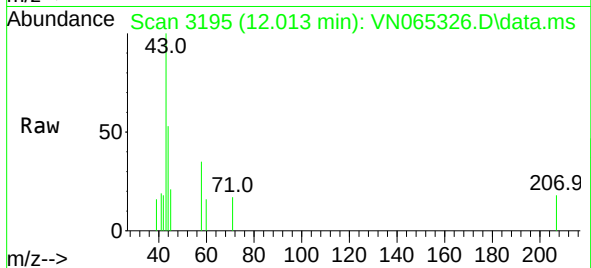
Tgt Ion:152 Resp: 214552
Ion Ratio Lower Upper
152 100
115 55.6 29.7 89.1
150 157.0 0.0 350.6



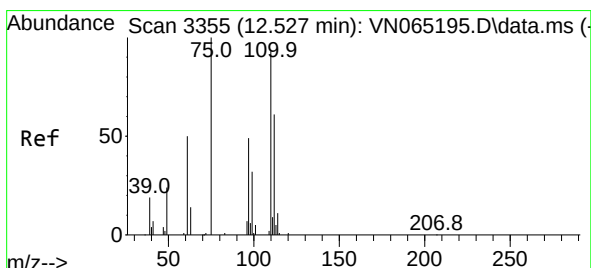
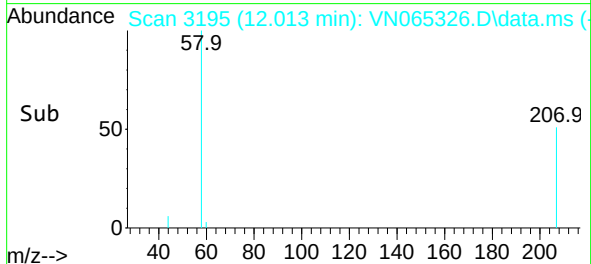
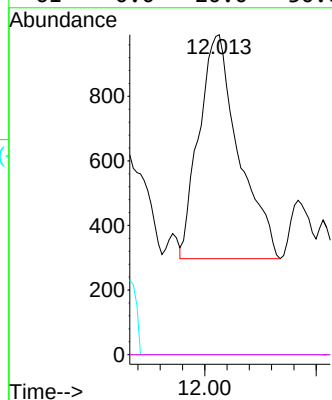


#74
N-amy1 acetate
Concen: 0.26 ug/l
RT: 12.013 min Scan# 3195
Delta R.T. -0.029 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

Instrument :
MSVOA_N
ClientSampleId :

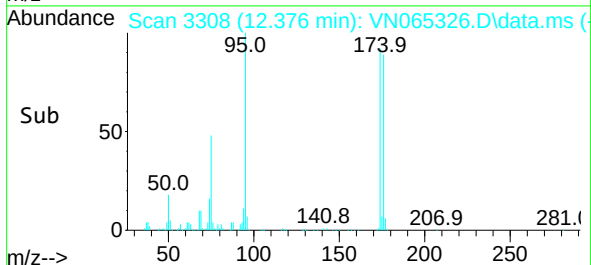
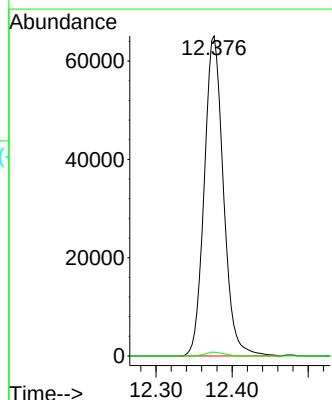
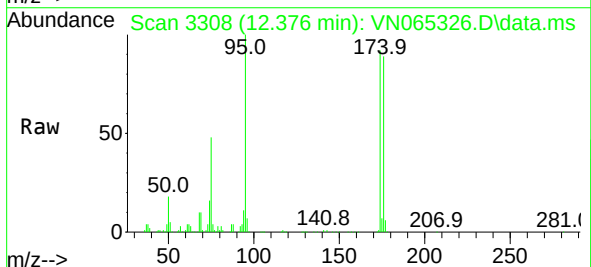


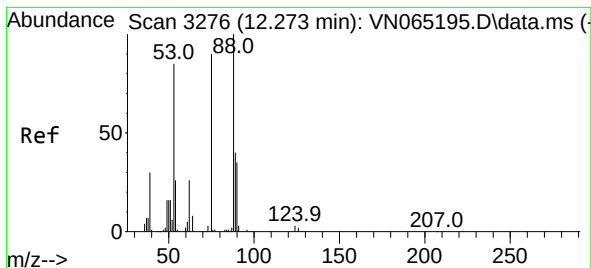
Tgt Ion:	43	Resp:	1720
Ion Ratio	Lower	Upper	
43	100		
70	0.0	34.5	51.7#
55	0.0	20.4	30.6#
61	0.0	20.0	30.0#



#76
1,2,3-Trichloropropane
Concen: 26.06 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

Tgt Ion:	75	Resp:	114066
Ion Ratio	Lower	Upper	
75	100		
77	1.1	0.0	0.0#

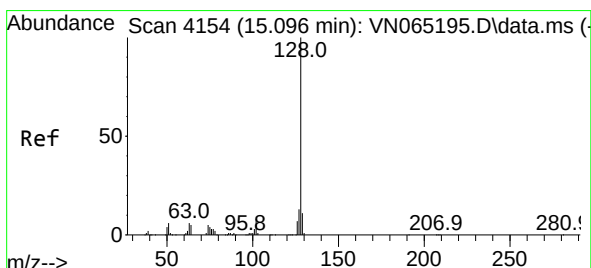
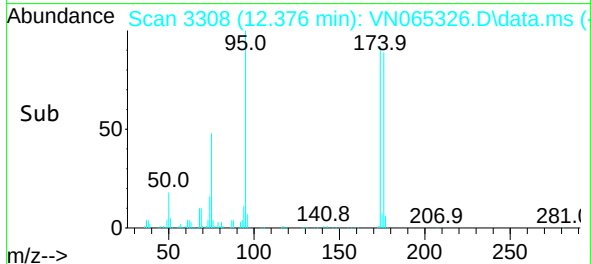
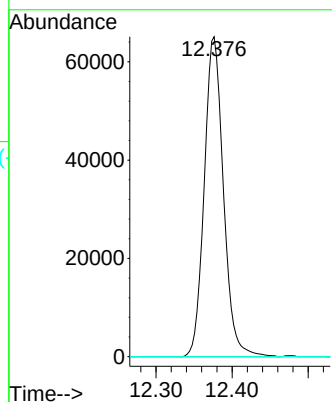
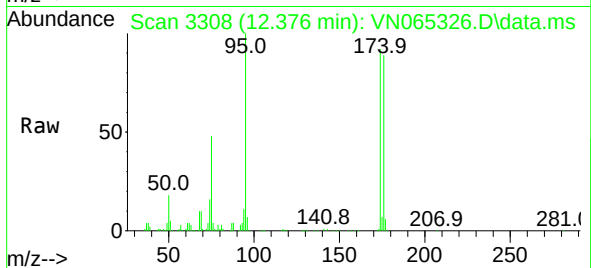




#81
trans-1,4-Dichloro-2-butene
Concen: 65.71 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 114066
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#95
Naphthalene
Concen: 3.39 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.013 min
Lab File: VN065326.D
Acq: 30 Dec 2020 17:36

Tgt Ion: 128 Resp: 160
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#

