

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011521\
 Data File : VN065526.D
 Acq On : 15 Jan 2021 16:47
 Operator : JC/MD
 Sample : PB134160ZHE#12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134160ZHE#12

Quant Time: Jan 15 23:42:45 2021
 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)

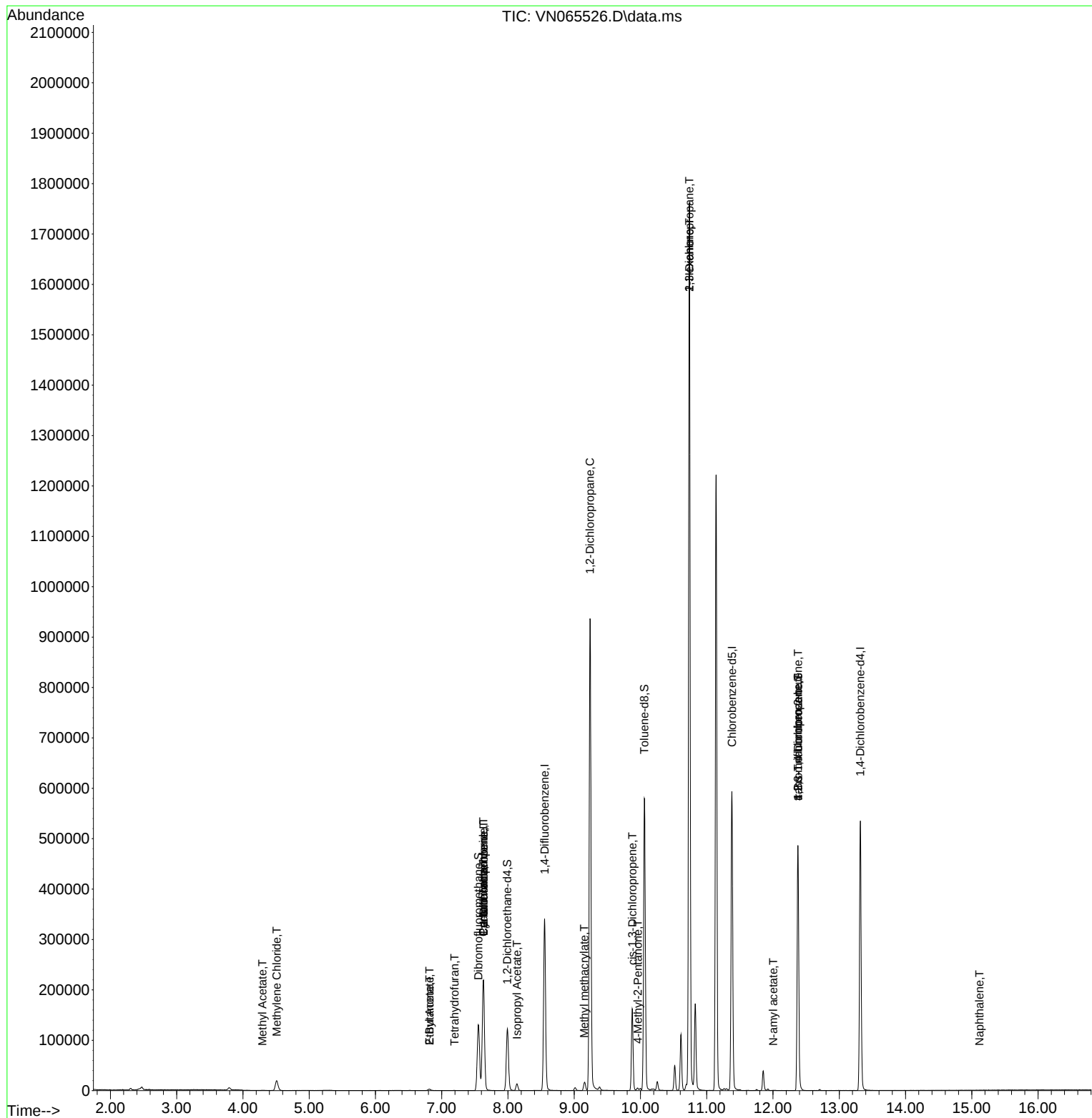
Internal Standards						
1) Pentafluorobenzene	7.631	168	204813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	334811	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	376348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	167519	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	107090	46.32	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.64%		
35) Dibromofluoromethane	7.553	113	102939	50.96	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.92%		
50) Toluene-d8	10.058	98	426678	56.36	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	112.72%		
62) 4-Bromofluorobenzene	12.376	95	171121	56.42	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	112.84%		
Target Compounds					Qvalue	
16) Acetone	3.791	43	7376	Below Cal		98
18) Methyl Acetate	4.293	43	974	0.47 ug/l #		50
20) Methylene Chloride	4.508	84	15416	6.83 ug/l		97
25) 2-Butanone	6.817	43	2618	2.02 ug/l		99
29) Tetrahydrofuran	7.193	42	356	0.42 ug/l #		32
31) Cyclohexane	7.627	56	3048	0.89 ug/l #		1
36) 1,1-Dichloropropene	7.631	75	12108	3.98 ug/l #		48
37) Ethyl Acetate	6.817	43	2618	0.87 ug/l #		66
38) Carbon Tetrachloride	7.627	117	16772	5.25 ug/l #		17
43) Isopropyl Acetate	8.135	43	15619	3.00 ug/l		98
45) 1,2-Dichloropropane	9.238	63	1199	0.51 ug/l #		43
48) Methyl methacrylate	9.151	41	4123	1.63 ug/l #		12
51) 4-Methyl-2-Pentanone	9.958	43	3793	1.30 ug/l		87
54) cis-1,3-Dichloropropene	9.878	75	31573	7.82 ug/l #		60
57) 1,3-Dichloropropane	10.737	76	18526	4.97 ug/l #		42
59) 2-Hexanone	10.737	43	240914	112.07 ug/l #		50
74) N-amyl acetate	12.003	43	1155	0.23 ug/l #		42
76) 1,2,3-Trichloropropane	12.376	75	79803	23.35 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.376	75	79803	58.88 ug/l #		15
95) Naphthalene	15.116	128	62	3.38 ug/l #		69

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011521\
Data File : VN065526.D
Acq On : 15 Jan 2021 16:47
Operator : JC/MD
Sample : PB134160ZHE#12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#12

Quant Time: Jan 15 23:42:45 2021
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

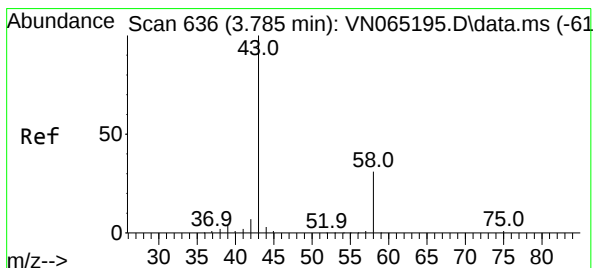
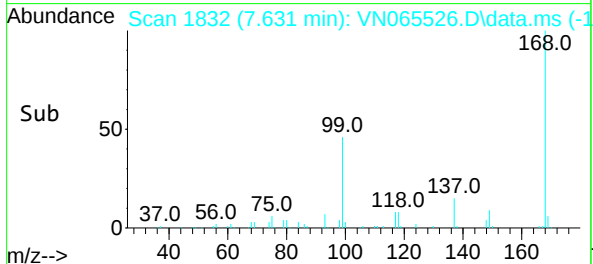
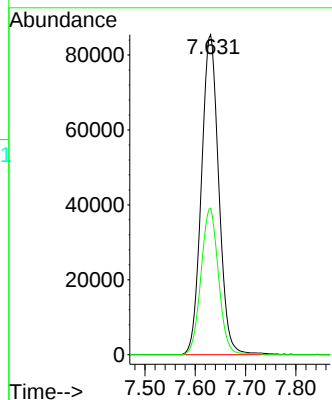
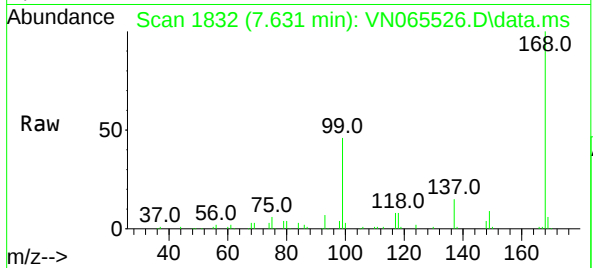




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

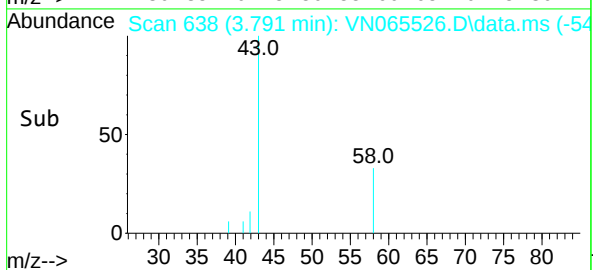
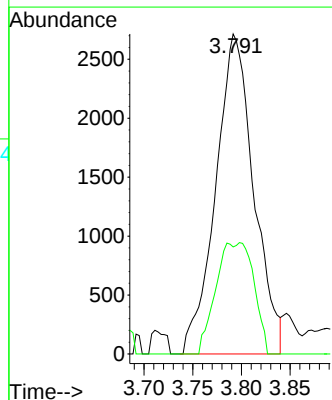
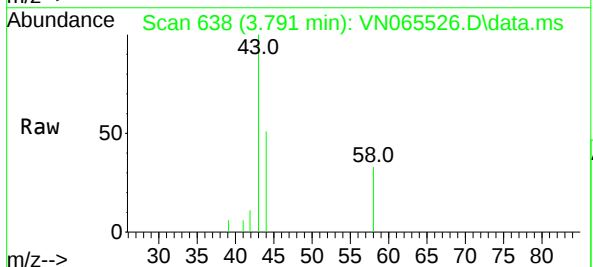
Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#12

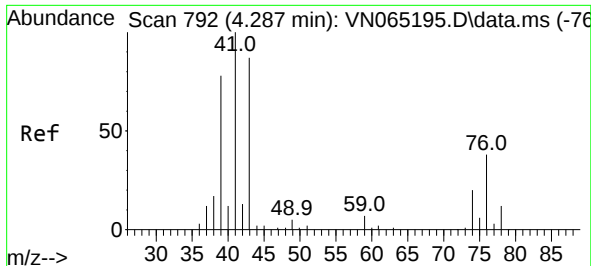
Tgt Ion:168 Resp: 204813
Ion Ratio Lower Upper
168 100
99 45.7 43.0 64.4



#16
Acetone
Concen: Below Cal
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

Tgt Ion: 43 Resp: 7376
Ion Ratio Lower Upper
43 100
58 33.4 25.7 38.5

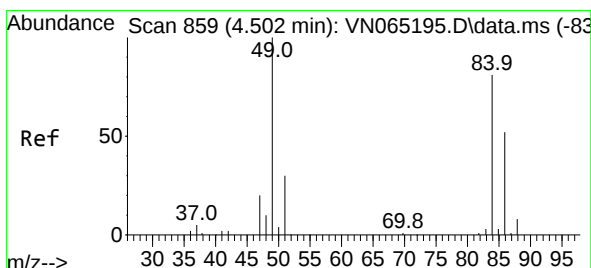
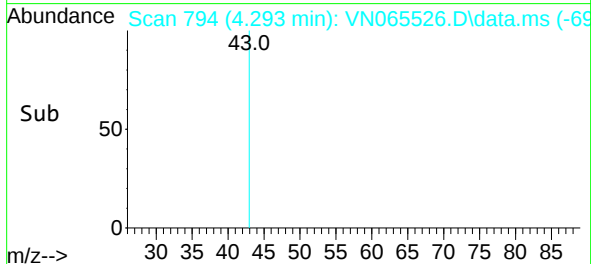
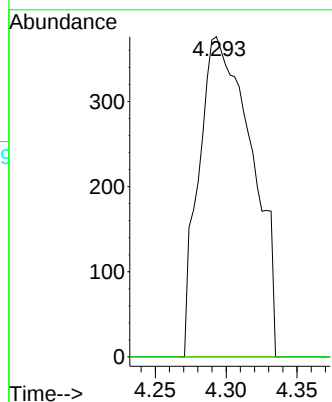
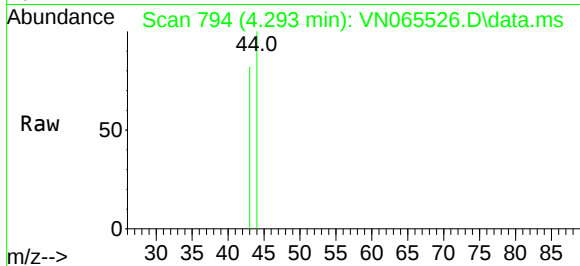




#18
Methyl Acetate
Concen: 0.47 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.006 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

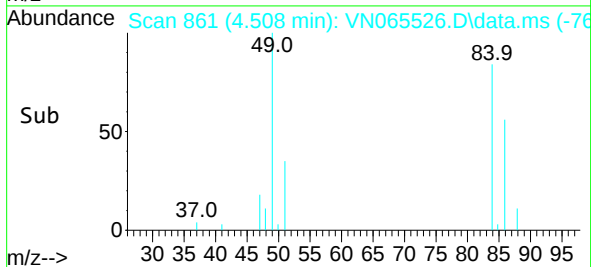
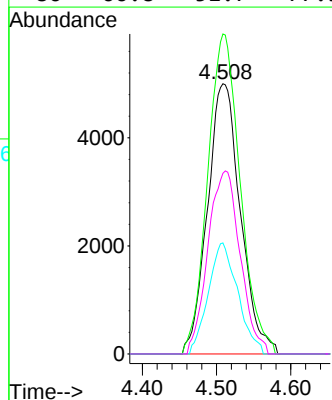
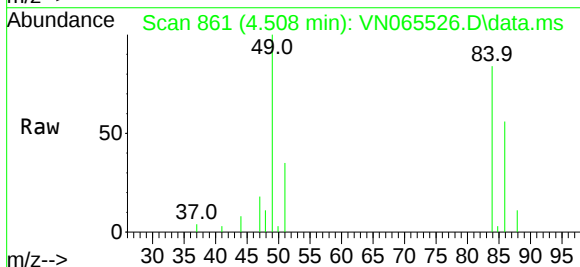
Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#12

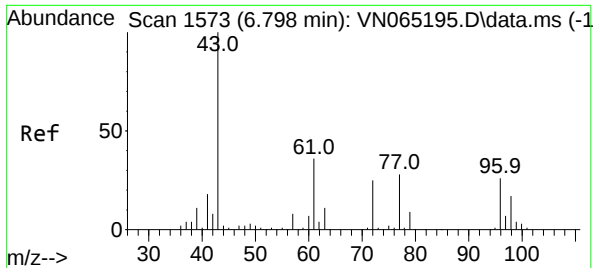
Tgt Ion: 43 Resp: 974
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 6.83 ug/l
RT: 4.508 min Scan# 861
Delta R.T. 0.006 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

Tgt Ion: 84 Resp: 15416
Ion Ratio Lower Upper
84 100
49 118.4 93.4 140.0
51 41.1 28.2 42.4
86 66.8 51.7 77.5

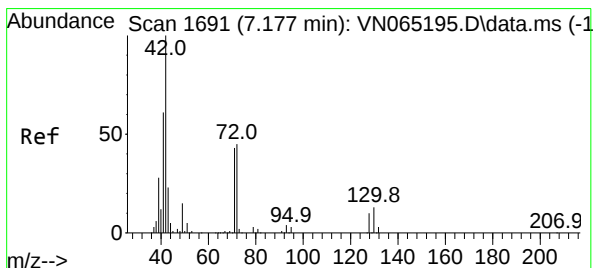
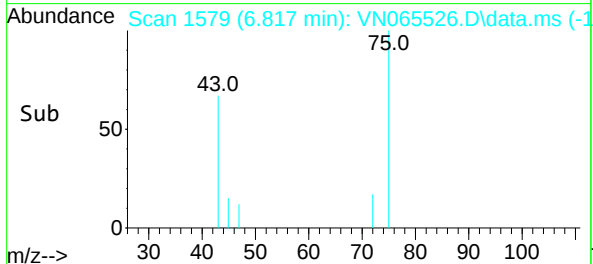
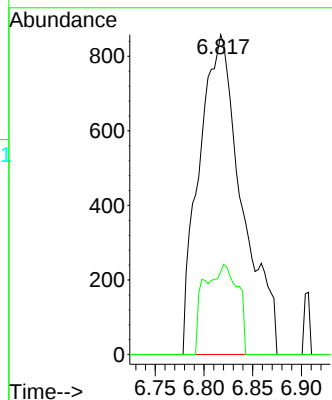
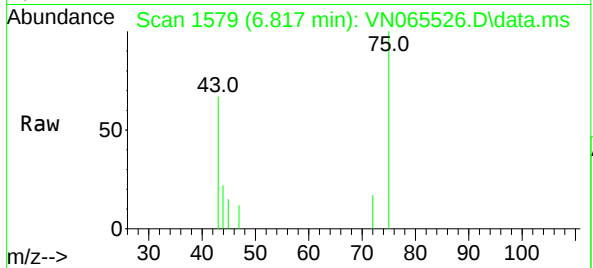




#25
2-Butanone
Concen: 2.02 ug/l
RT: 6.817 min Scan# 1579
Delta R.T. 0.019 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

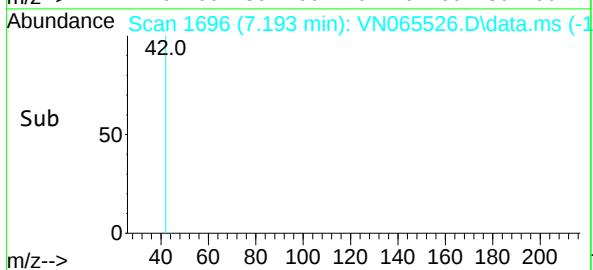
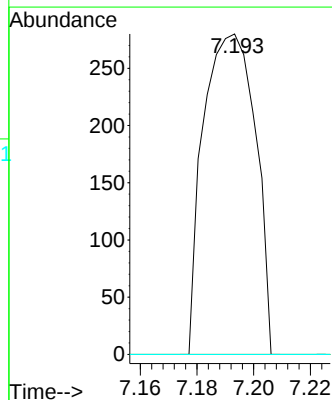
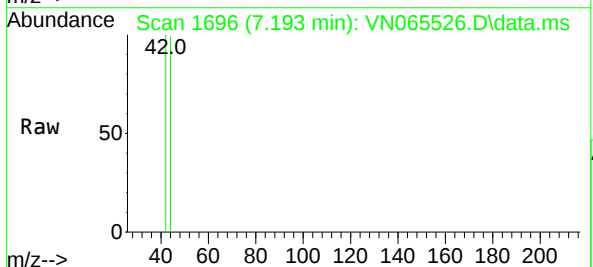
Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#12

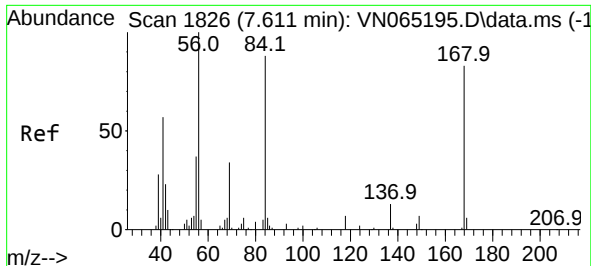
Tgt Ion: 43 Resp: 2618
Ion Ratio Lower Upper
43 100
72 25.9 21.0 31.6



#29
Tetrahydrofuran
Concen: 0.42 ug/l
RT: 7.193 min Scan# 1696
Delta R.T. 0.016 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

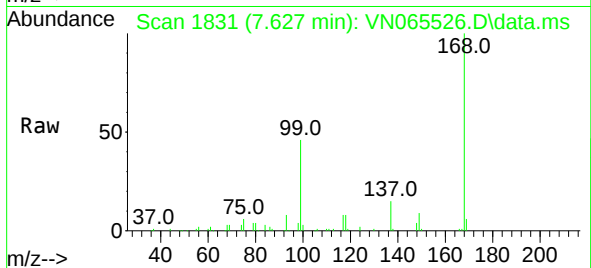
Tgt Ion: 42 Resp: 356
Ion Ratio Lower Upper
42 100
72 0.0 36.6 54.8#
71 0.0 33.6 50.4#



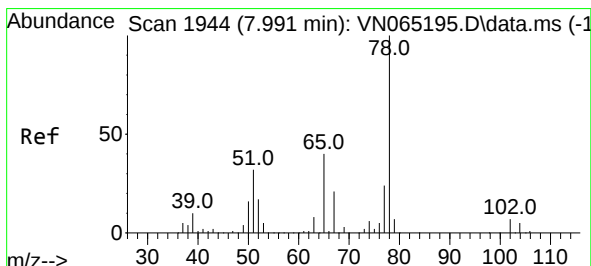
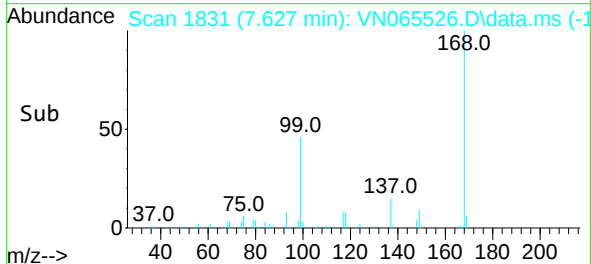
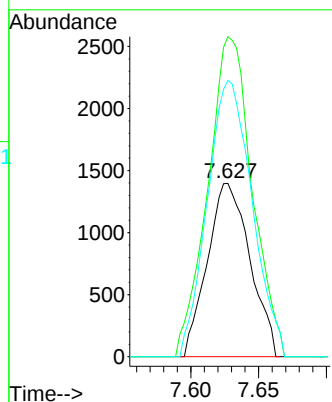


#31
Cyclohexane
Concen: 0.89 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#12

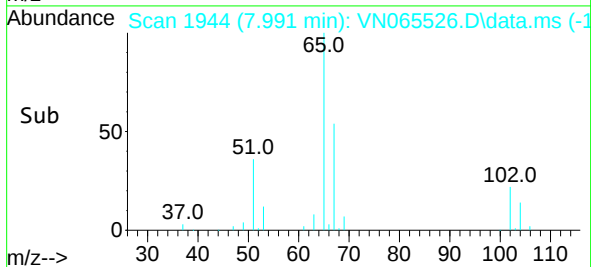
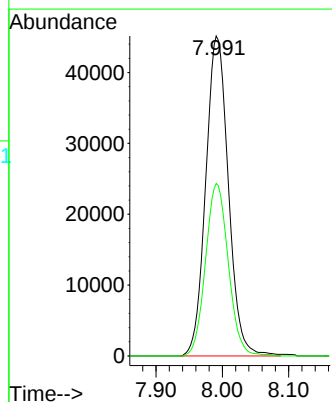
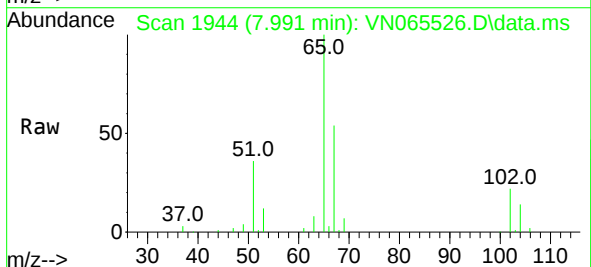


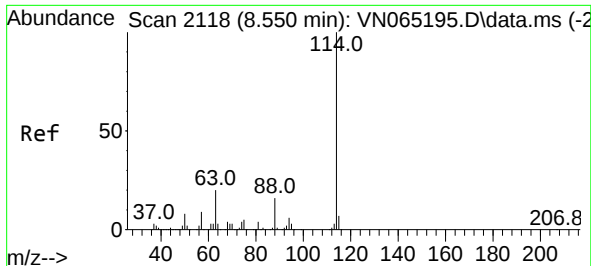
Tgt Ion: 56 Resp: 3048
Ion Ratio Lower Upper
56 100
69 171.7 27.5 41.3#
84 159.3 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 46.32 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

Tgt Ion: 65 Resp: 107090
Ion Ratio Lower Upper
65 100
67 54.3 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: VN065526.D

Acq: 15 Jan 2021 16:47

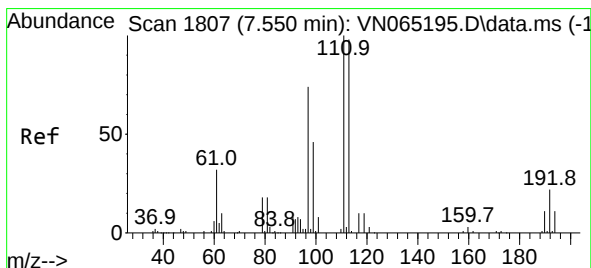
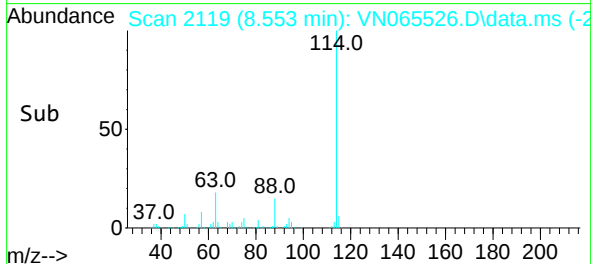
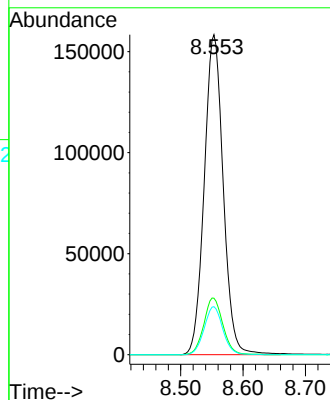
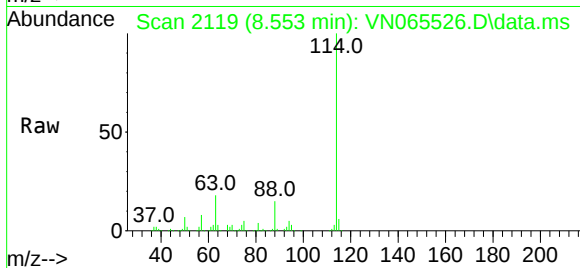
Tgt Ion:114 Resp: 334811

Ion Ratio Lower Upper

114 100

63 17.6 0.0 38.6

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.96 ug/l

RT: 7.553 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VN065526.D

Acq: 15 Jan 2021 16:47

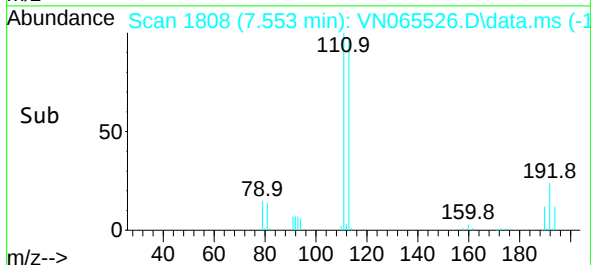
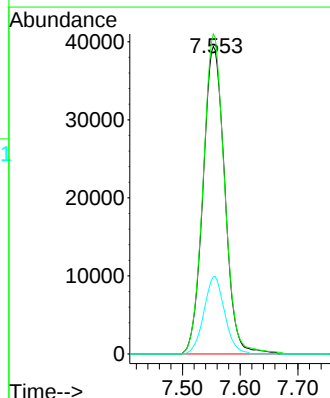
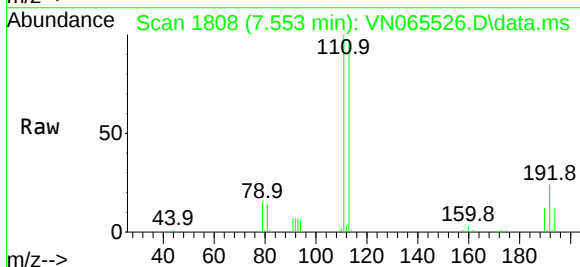
Tgt Ion:113 Resp: 102939

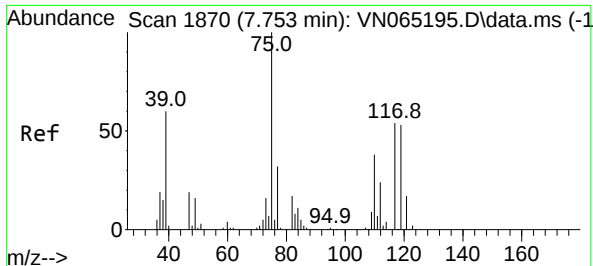
Ion Ratio Lower Upper

113 100

111 102.5 81.6 122.4

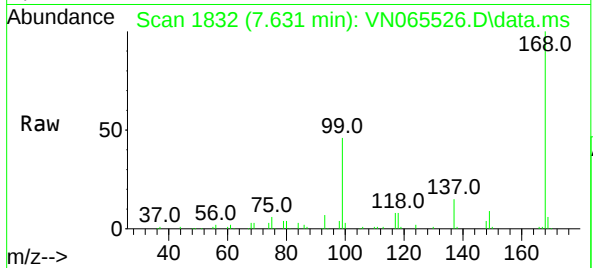
192 24.0 16.2 24.2



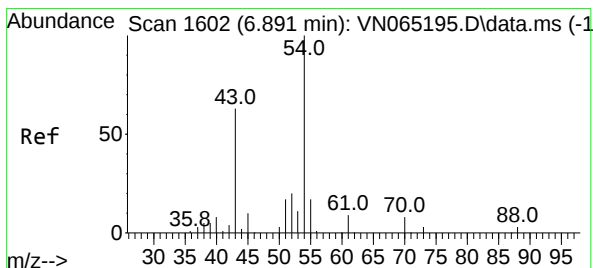
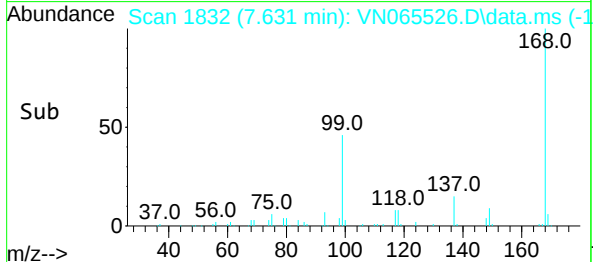
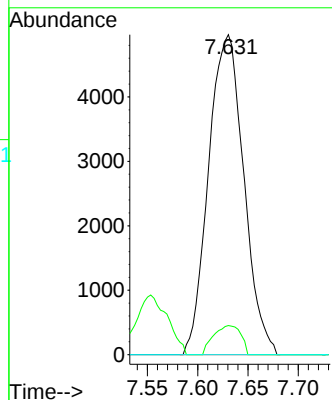


#36
1,1-Dichloropropene
Concen: 3.98 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.122 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#12

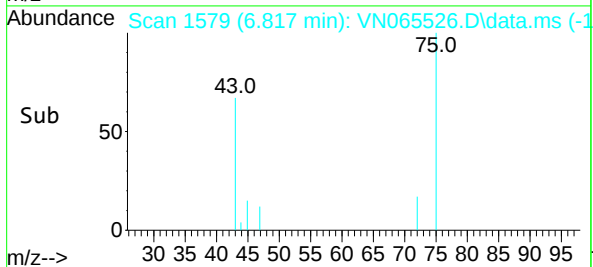
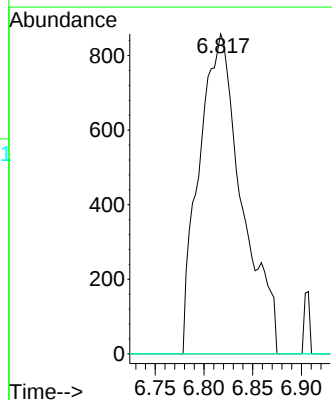
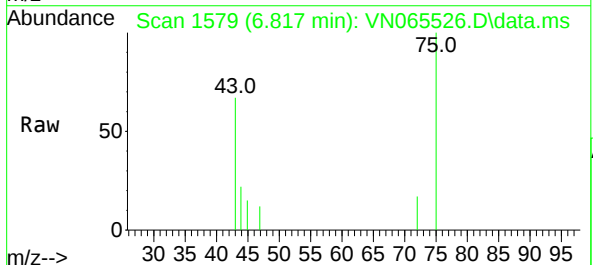


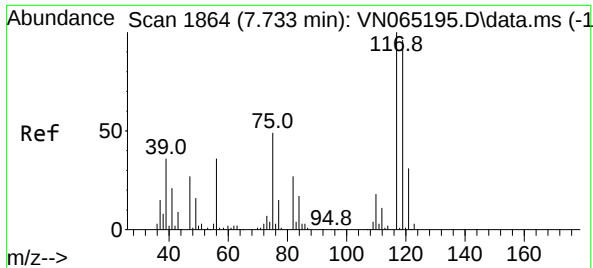
Tgt Ion: 75 Resp: 12108
Ion Ratio Lower Upper
75 100
110 7.0 17.8 53.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.87 ug/l
RT: 6.817 min Scan# 1579
Delta R.T. -0.074 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

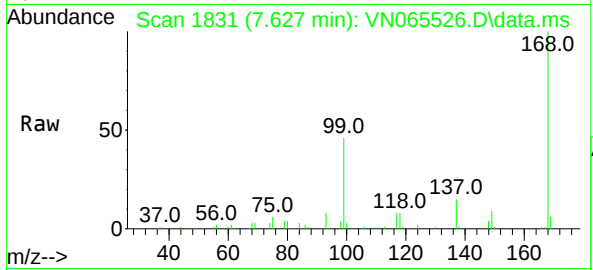
Tgt Ion: 43 Resp: 2618
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 8.8 13.2#



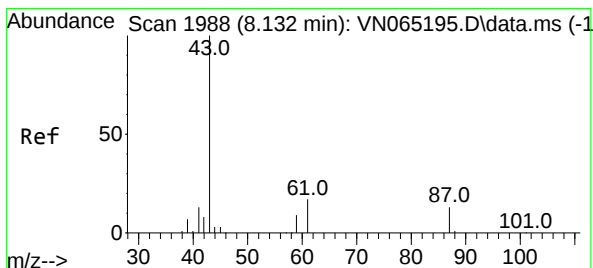
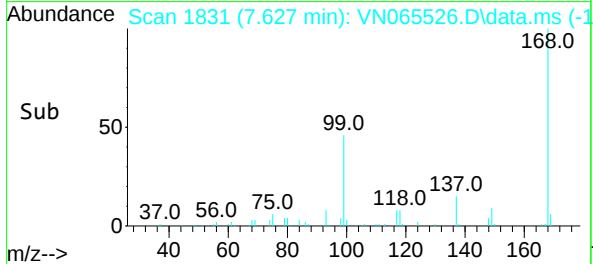
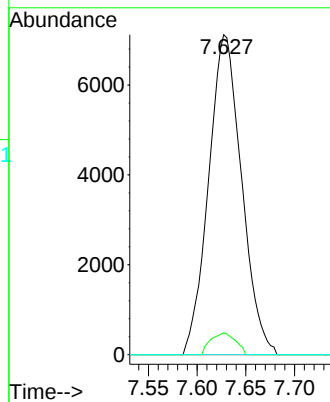


#38
Carbon Tetrachloride
Concen: 5.25 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#12

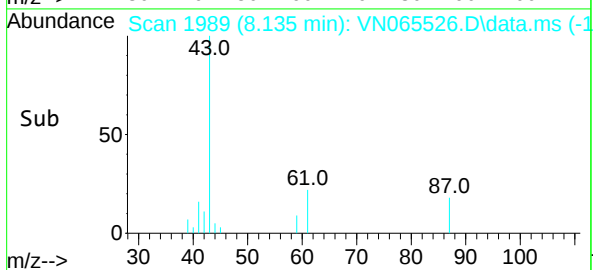
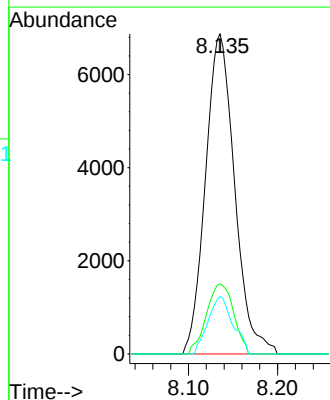
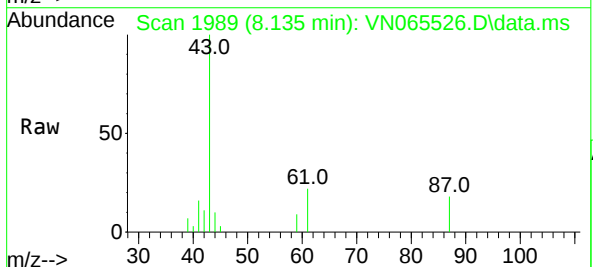


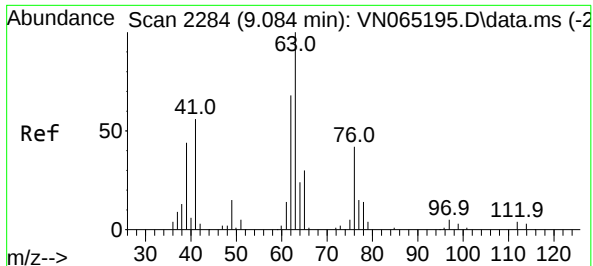
Tgt Ion:117 Resp: 16772
Ion Ratio Lower Upper
117 100
119 6.8 76.7 115.1#
121 0.0 25.4 38.2#



#43
Isopropyl Acetate
Concen: 3.00 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

Tgt Ion: 43 Resp: 15619
Ion Ratio Lower Upper
43 100
61 20.4 17.2 25.8
87 15.3 11.4 17.0



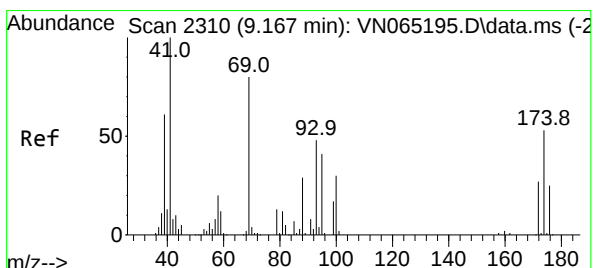
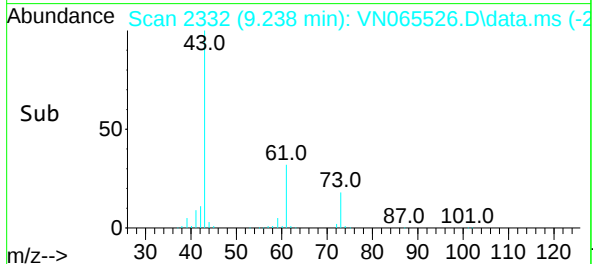
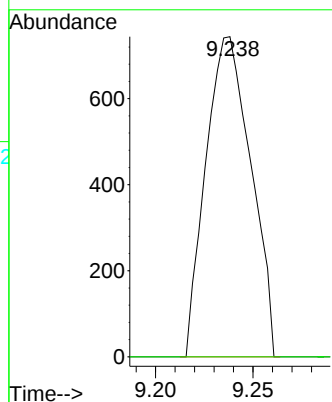
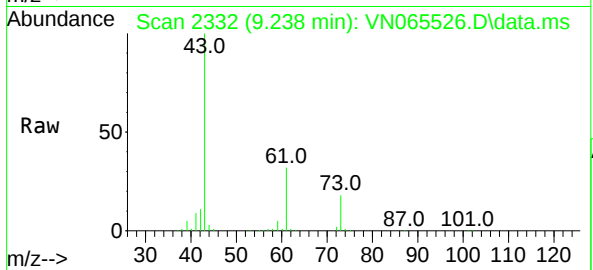


#45

1,2-Dichloropropane
Concen: 0.51 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#12

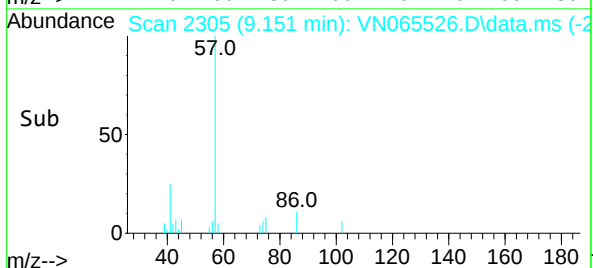
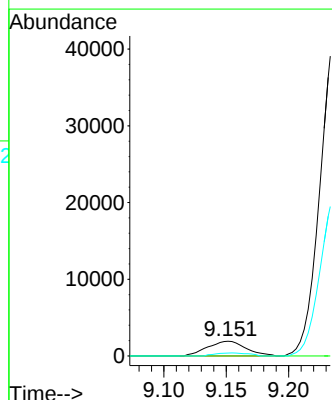
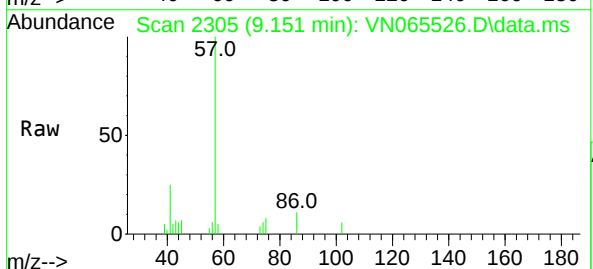
Tgt Ion: 63 Resp: 1199
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.4#

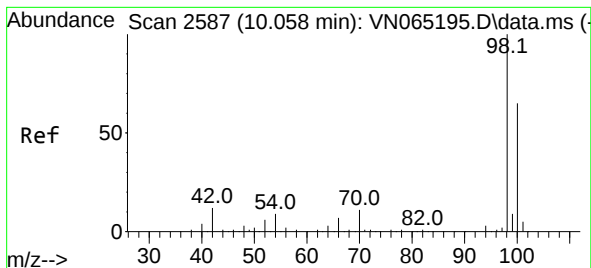


#48

Methyl methacrylate
Concen: 1.63 ug/l
RT: 9.151 min Scan# 2305
Delta R.T. -0.016 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

Tgt Ion: 41 Resp: 4123
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#

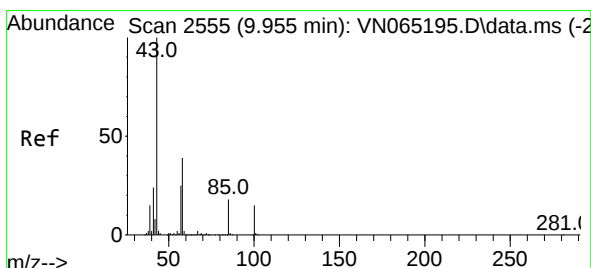
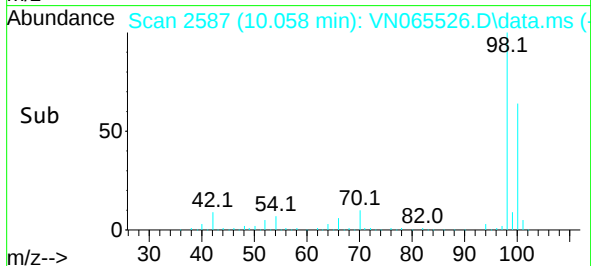
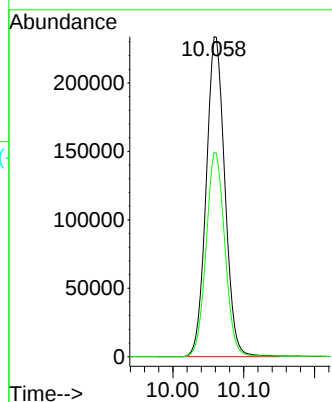
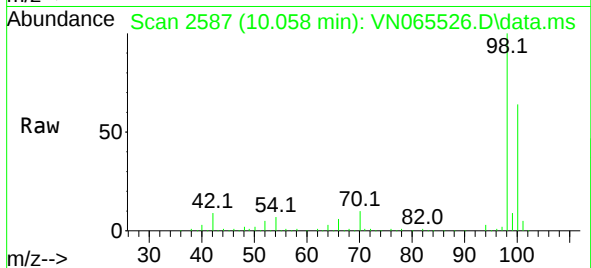




#50
Toluene-d8
Concen: 56.36 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

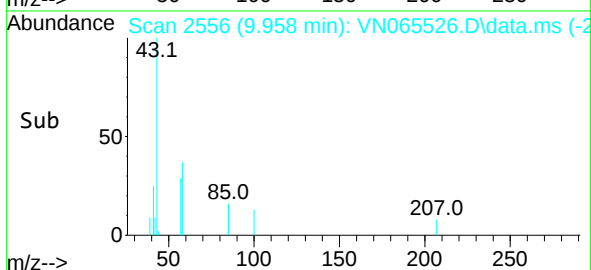
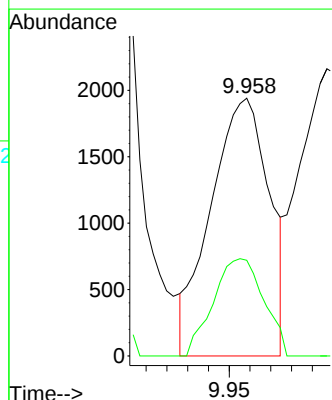
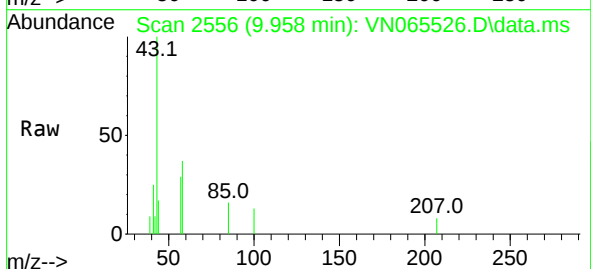
Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#12

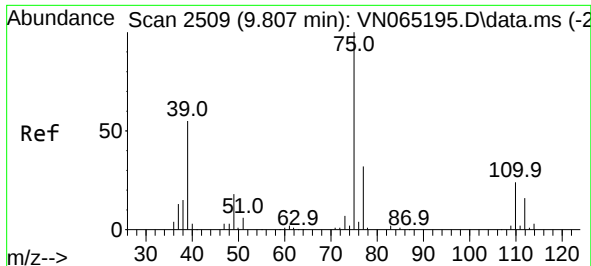
Tgt Ion: 98 Resp: 426678
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.30 ug/l
RT: 9.958 min Scan# 2556
Delta R.T. 0.003 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

Tgt Ion: 43 Resp: 3793
Ion Ratio Lower Upper
43 100
58 32.6 32.4 48.6

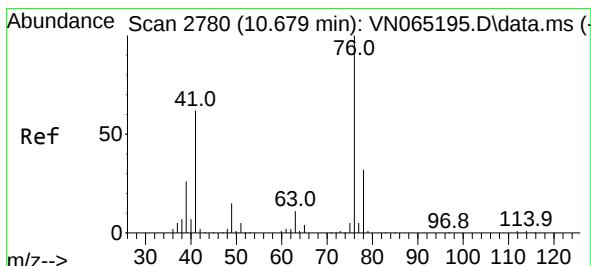
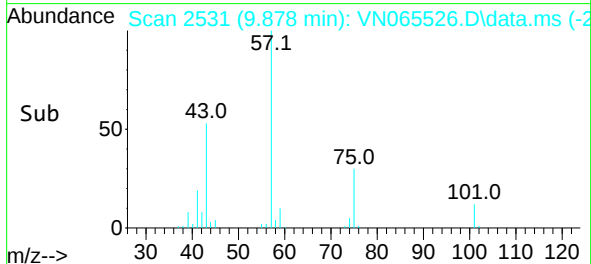
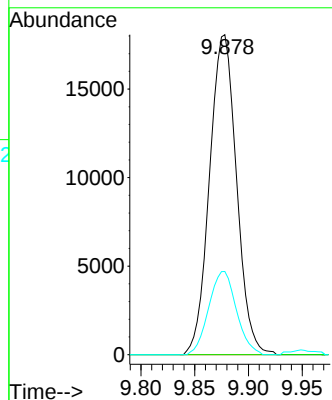
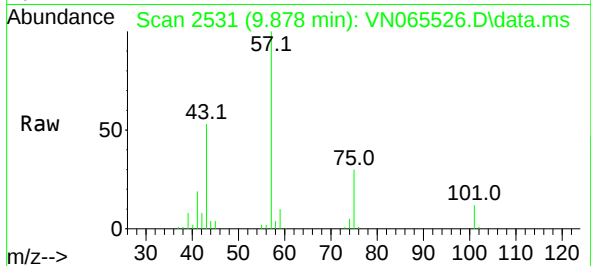




#54
cis-1,3-Dichloropropene
Concen: 7.82 ug/l
RT: 9.878 min Scan# 2531
Delta R.T. 0.071 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

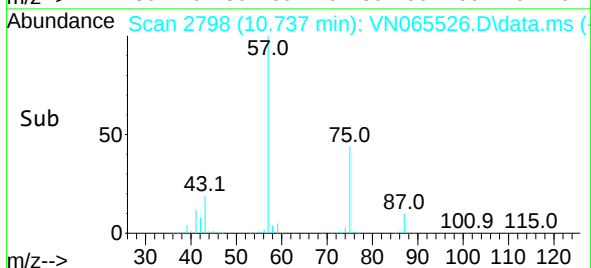
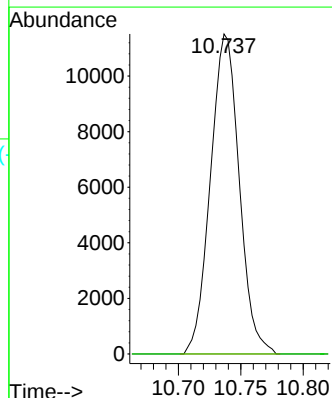
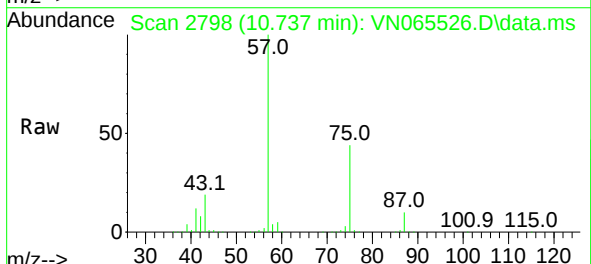
Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#12

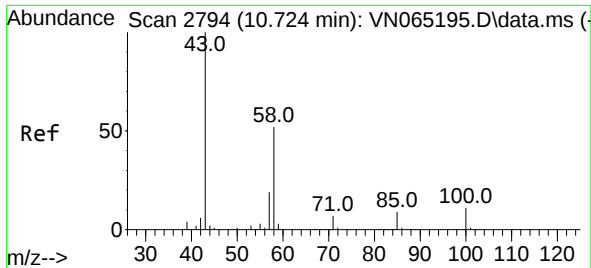
Tgt Ion: 75 Resp: 31573
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 26.0 35.6 53.4#



#57
1,3-Dichloropropane
Concen: 4.97 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.058 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

Tgt Ion: 76 Resp: 18526
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

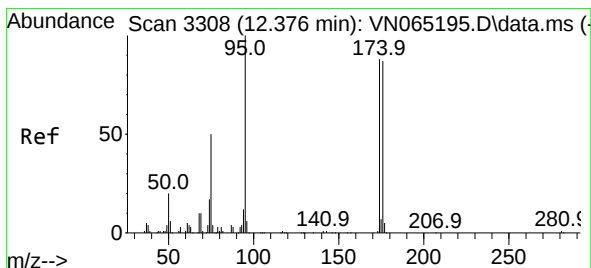
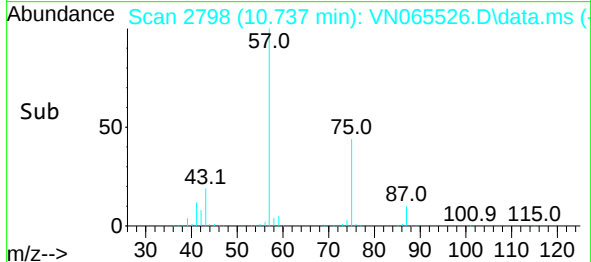
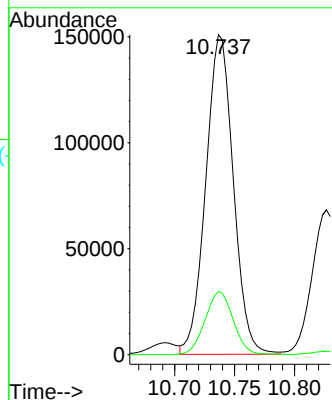
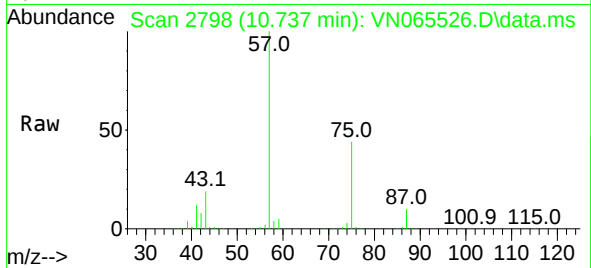




#59
2-Hexanone
Concen: 112.07 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.013 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

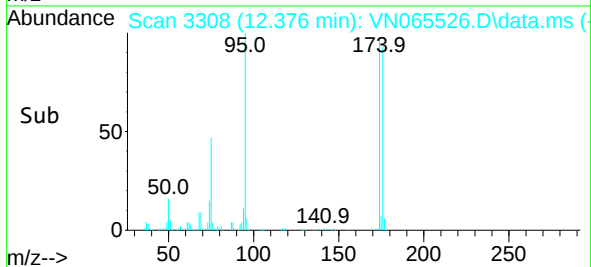
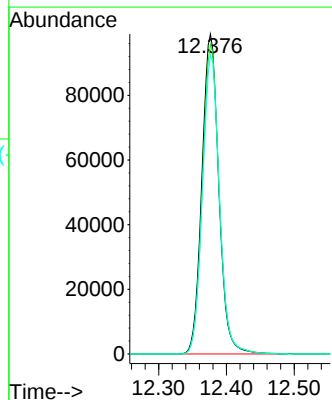
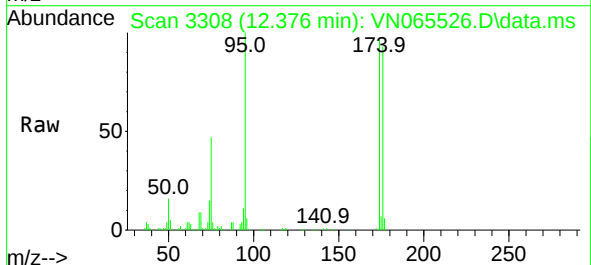
Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#12

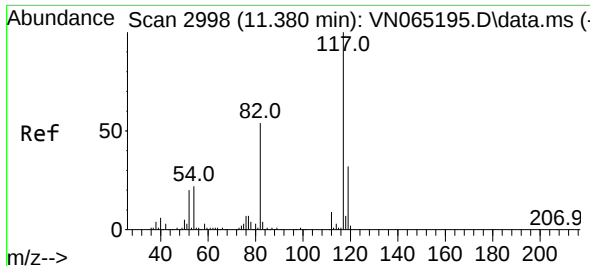
Tgt Ion: 43 Resp: 240914
Ion Ratio Lower Upper
43 100
58 20.3 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 56.42 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

Tgt Ion: 95 Resp: 171121
Ion Ratio Lower Upper
95 100
174 96.8 0.0 160.4
176 93.9 0.0 158.4

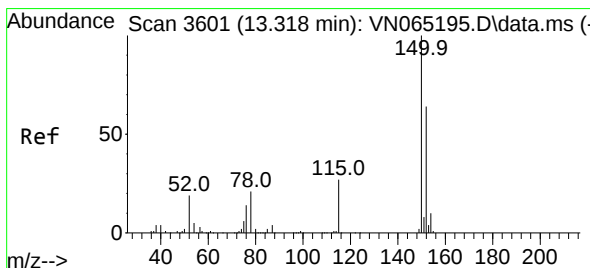
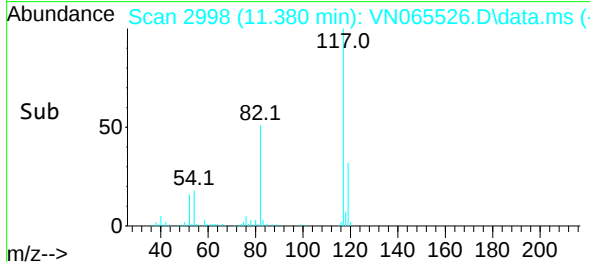
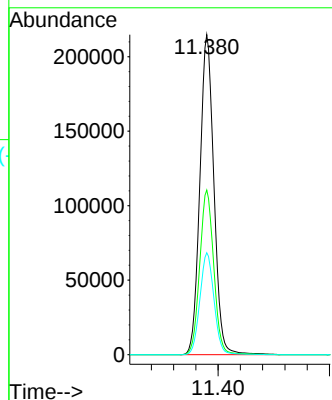
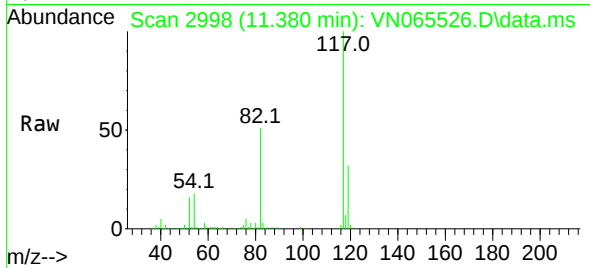




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

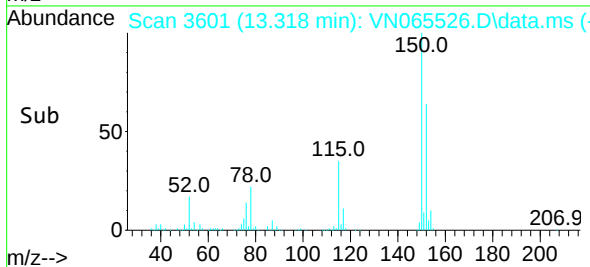
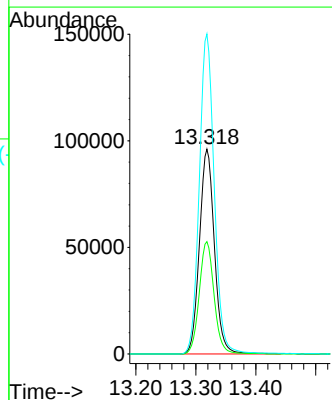
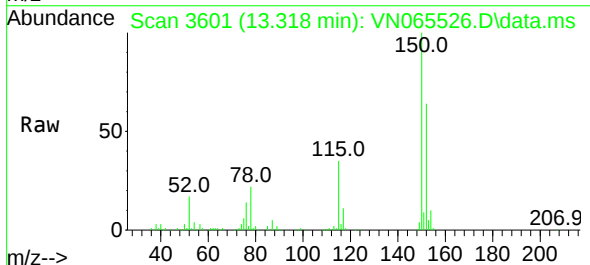
Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#12

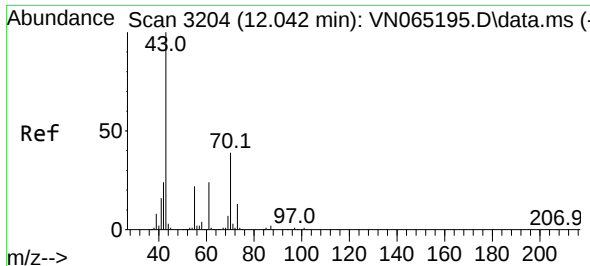
Tgt Ion:117 Resp: 376348
Ion Ratio Lower Upper
117 100
82 51.4 44.2 66.2
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

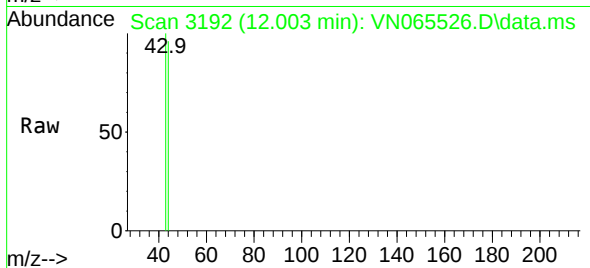
Tgt Ion:152 Resp: 167519
Ion Ratio Lower Upper
152 100
115 54.2 29.7 89.1
150 156.1 0.0 350.6



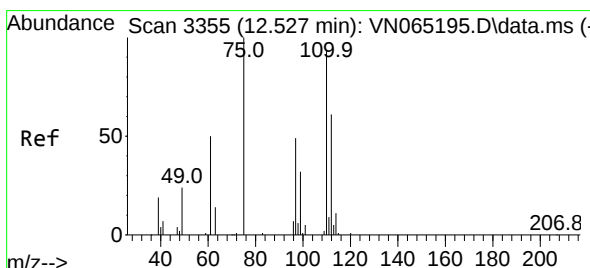
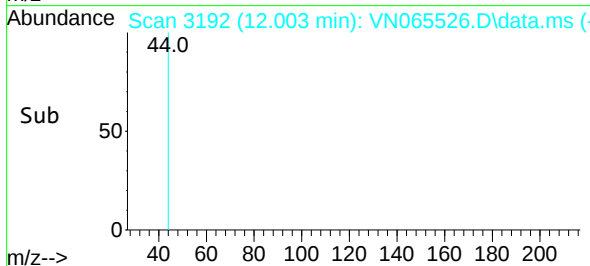
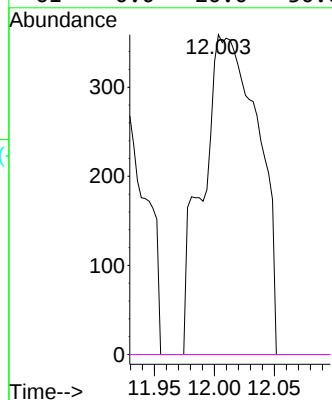


#74
N-amy1 acetate
Concen: 0.23 ug/l
RT: 12.003 min Scan# 3192
Delta R.T. -0.039 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#12

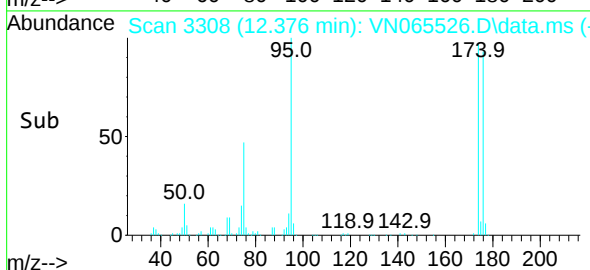
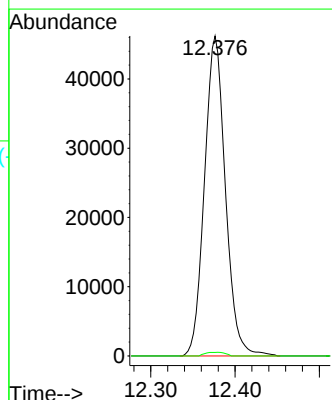
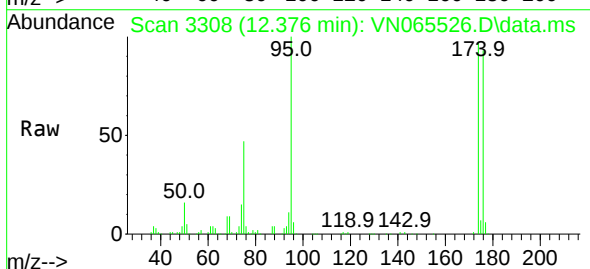


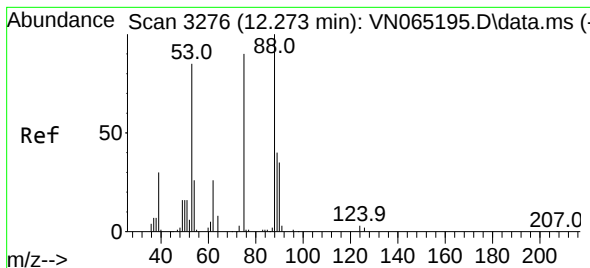
Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
70 0.0 34.5 51.7#
55 0.0 20.4 30.6#
61 0.0 20.0 30.0#



#76
1,2,3-Trichloropropane
Concen: 23.35 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

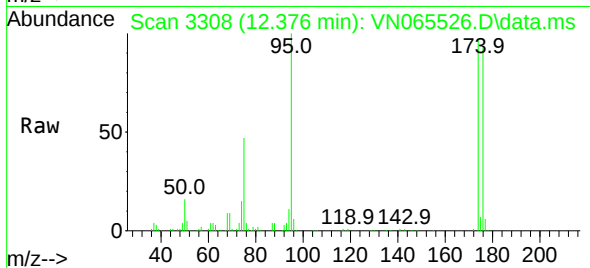
Tgt Ion: 75 Resp: 79803
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



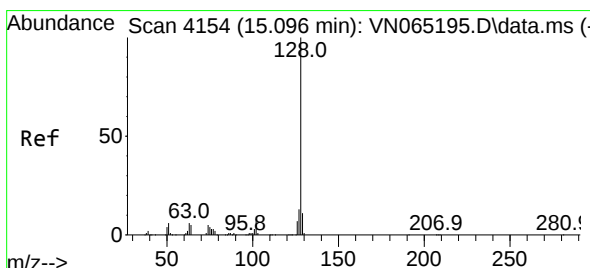
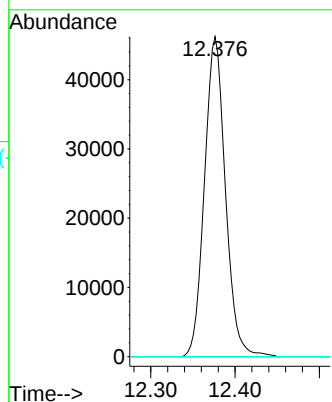
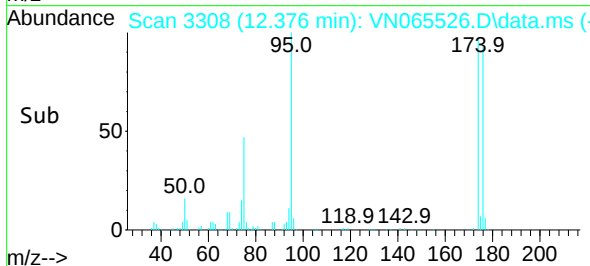


#81
trans-1,4-Dichloro-2-butene
Concen: 58.88 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47

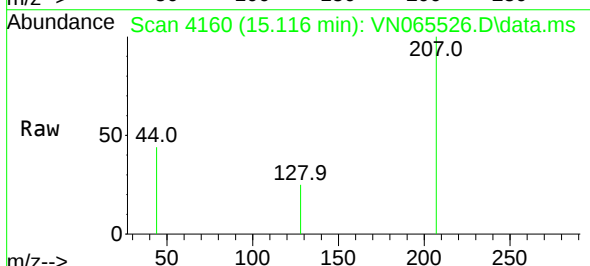
Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#12



Tgt Ion: 75 Resp: 79803
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#95
Naphthalene
Concen: 3.38 ug/l
RT: 15.116 min Scan# 4160
Delta R.T. 0.020 min
Lab File: VN065526.D
Acq: 15 Jan 2021 16:47



Tgt Ion: 128 Resp: 62
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#

