

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011521\
 Data File : VN065524.D
 Acq On : 15 Jan 2021 15:58
 Operator : JC/MD
 Sample : PB134160TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134160TB

Quant Time: Jan 15 23:42:10 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

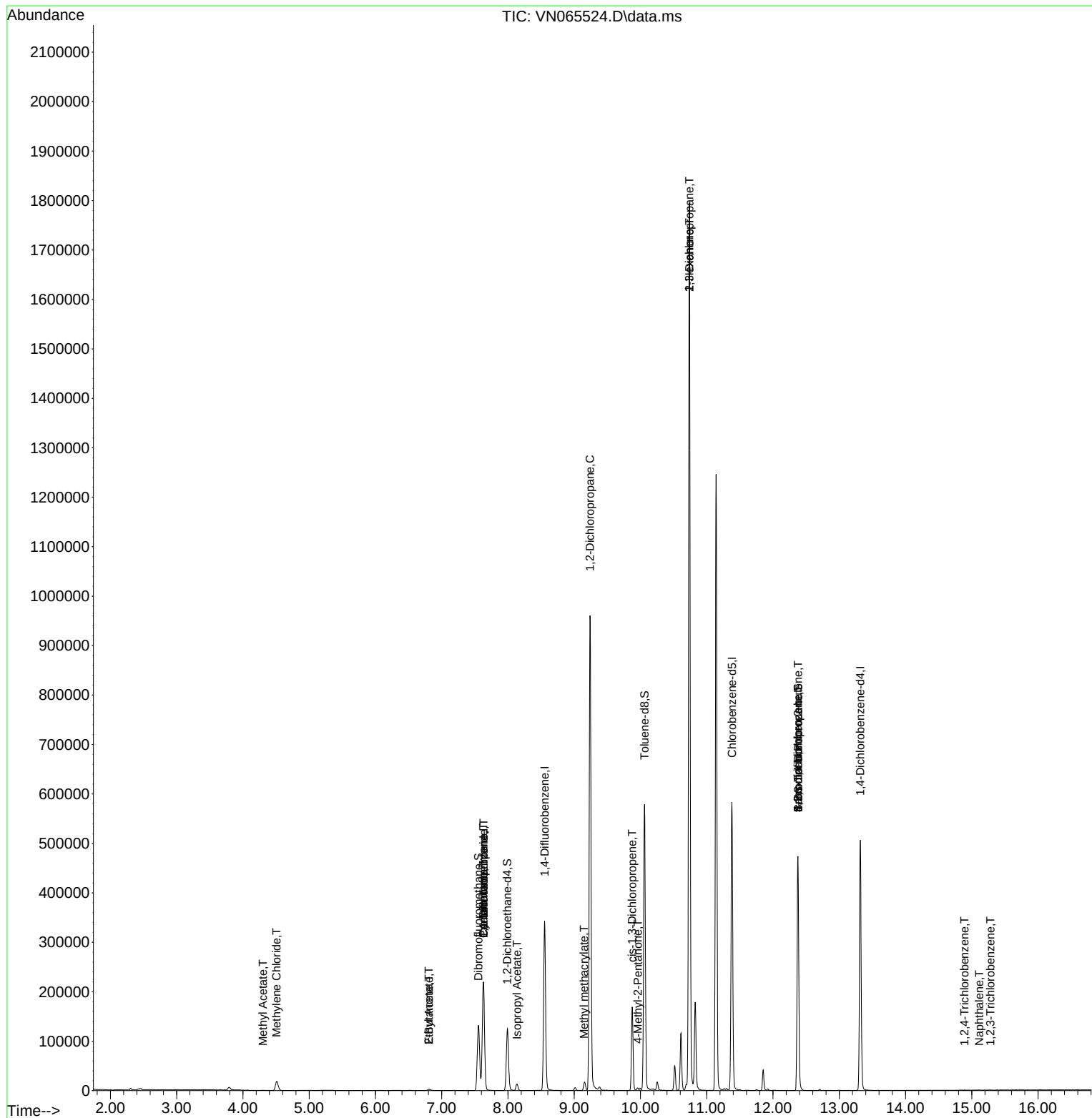
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.630	168	207525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	338593	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	375754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	159935	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	108674	46.39	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.78%
35) Dibromofluoromethane	7.553	113	103978	50.90	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.80%
50) Toluene-d8	10.061	98	427039	55.78	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	111.56%
62) 4-Bromofluorobenzene	12.376	95	167388	54.74	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.48%
Target Compounds						
16) Acetone	3.795	43	9596	Below Cal		91
18) Methyl Acetate	4.303	43	482	0.23 ug/l	#	50
20) Methylene Chloride	4.505	84	15101	6.61 ug/l		96
25) 2-Butanone	6.804	43	2845	2.16 ug/l	#	88
31) Cyclohexane	7.627	56	3010	0.87 ug/l	#	1
36) 1,1-Dichloropropene	7.627	75	12342	4.01 ug/l	#	44
37) Ethyl Acetate	6.804	43	2845	0.93 ug/l	#	66
38) Carbon Tetrachloride	7.630	117	16288	5.04 ug/l	#	16
43) Isopropyl Acetate	8.135	43	16240	3.09 ug/l		99
45) 1,2-Dichloropropane	9.238	63	1169	0.49 ug/l	#	43
48) Methyl methacrylate	9.148	41	4132	1.62 ug/l	#	12
51) 4-Methyl-2-Pentanone	9.958	43	3810	1.29 ug/l		93
54) cis-1,3-Dichloropropene	9.875	75	31868	7.81 ug/l	#	60
57) 1,3-Dichloropropane	10.736	76	19686	5.22 ug/l	#	42
59) 2-Hexanone	10.736	43	247752	113.97 ug/l	#	51
71) Bromoform	12.376	173	1105	0.43 ug/l	#	1
76) 1,2,3-Trichloropropane	12.376	75	77727	23.82 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.376	75	77727	60.07 ug/l	#	15
93) 1,2,4-Trichlorobenzene	14.891	180	97	2.86 ug/l	#	86
95) Naphthalene	15.112	128	509	3.43 ug/l	#	69
96) 1,2,3-Trichlorobenzene	15.283	180	182	3.28 ug/l	#	67

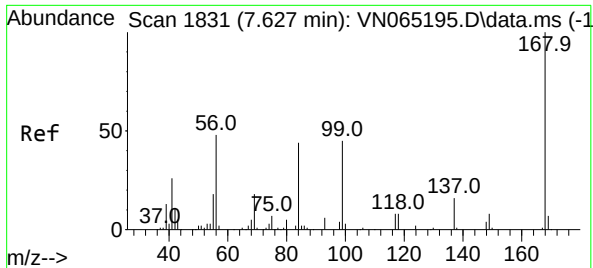
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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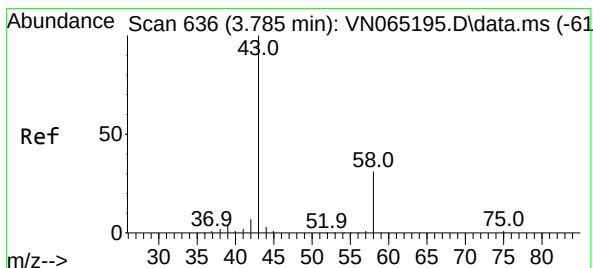
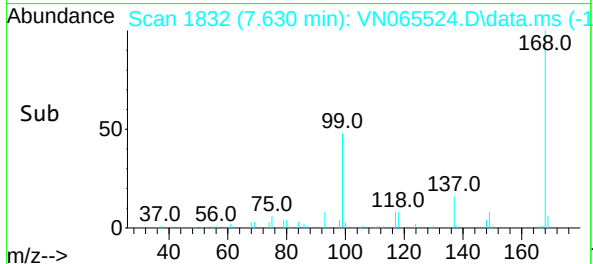
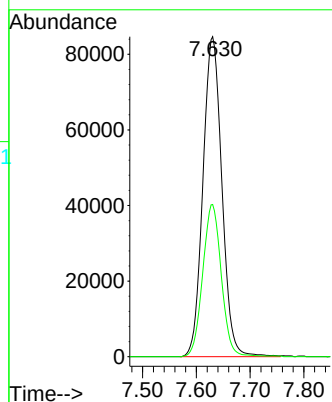
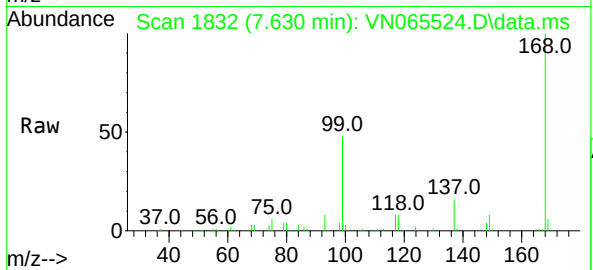




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

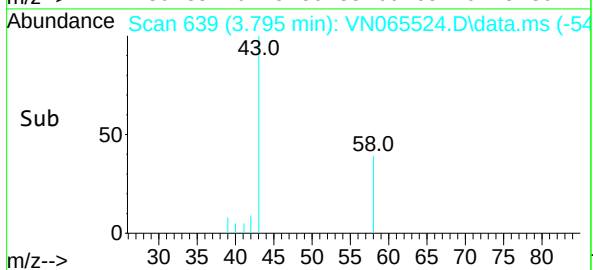
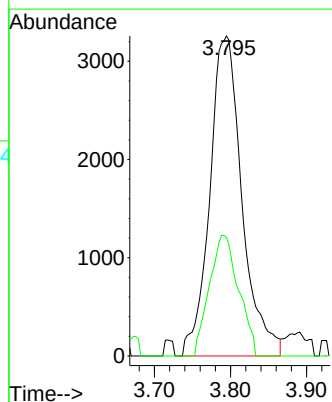
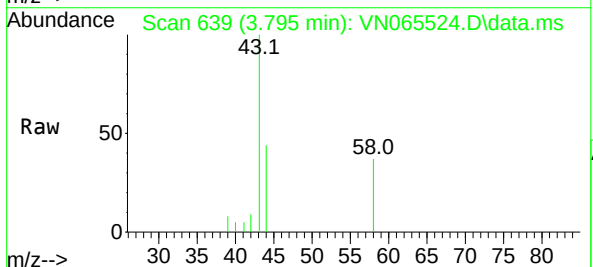
Instrument :
MSVOA_N
ClientSampleId :
PB134160TB

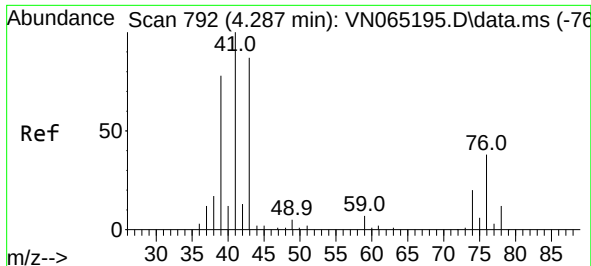
Tgt Ion:168 Resp: 207525
Ion Ratio Lower Upper
168 100
99 47.6 43.0 64.4



#16
Acetone
Concen: Below Cal
RT: 3.795 min Scan# 639
Delta R.T. 0.010 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

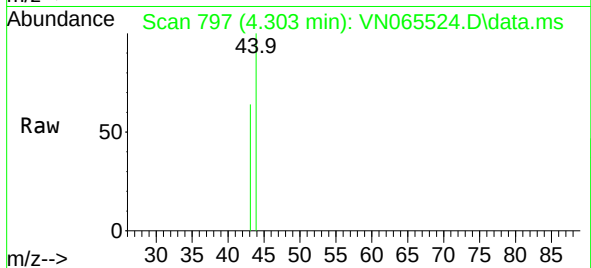
Tgt Ion: 43 Resp: 9596
Ion Ratio Lower Upper
43 100
58 37.1 25.7 38.5



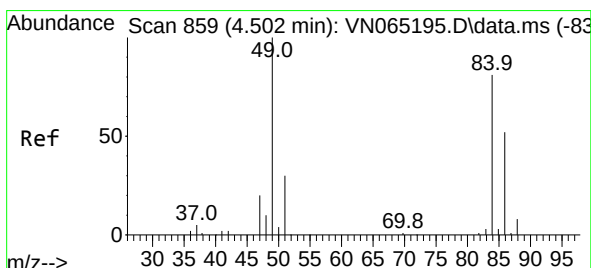
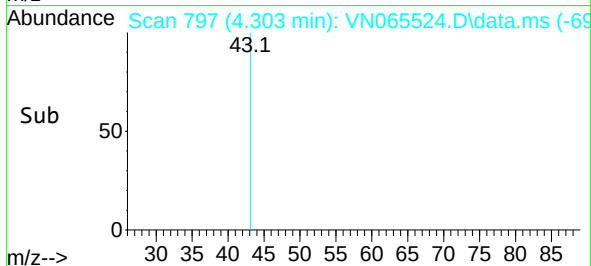
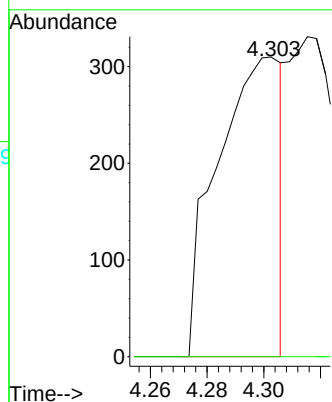


#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 4.303 min Scan# 797
Delta R.T. 0.016 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

Instrument :
MSVOA_N
ClientSampled :
PB134160TB

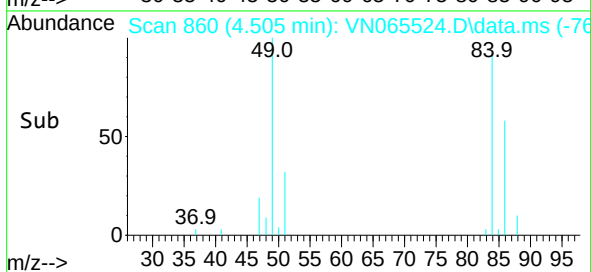
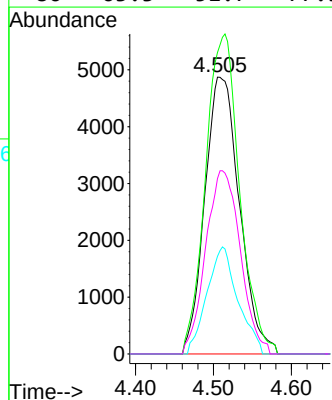
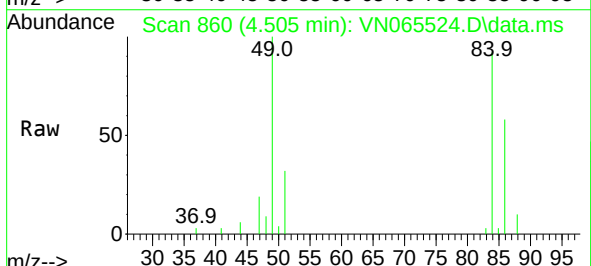


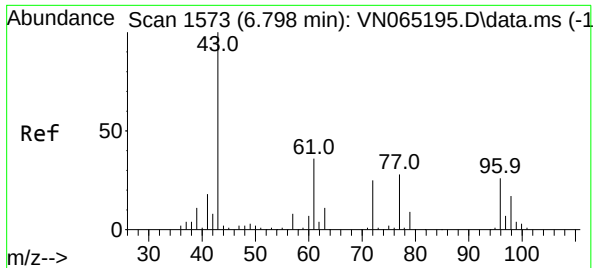
Tgt Ion: 43 Resp: 482
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 6.61 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

Tgt Ion: 84 Resp: 15101
Ion Ratio Lower Upper
84 100
49 108.9 93.4 140.0
51 35.2 28.2 42.4
86 63.3 51.7 77.5





#25

2-Butanone

Concen: 2.16 ug/l

RT: 6.804 min Scan# 1575

Delta R.T. 0.006 min

Lab File: VN065524.D

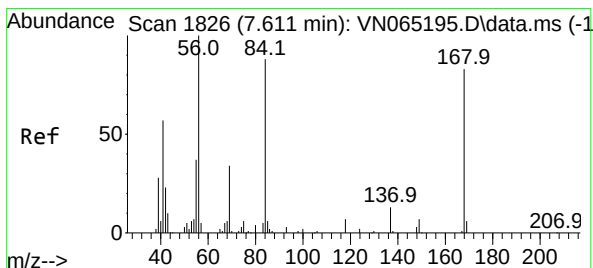
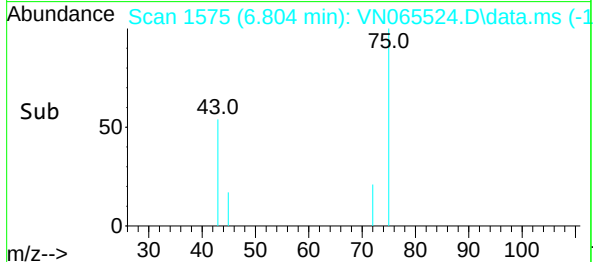
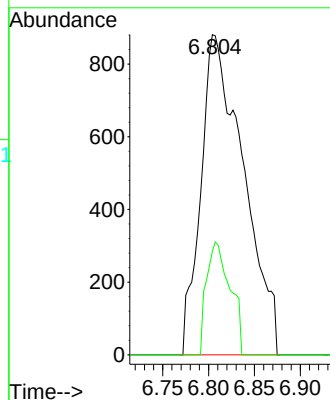
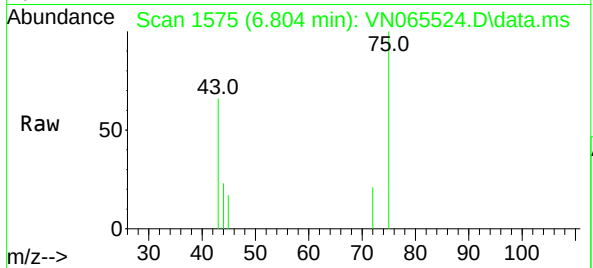
Acq: 15 Jan 2021 15:58

Tgt Ion: 43 Resp: 2845

Ion Ratio Lower Upper

43 100

72 32.3 21.0 31.6#



#31

Cyclohexane

Concen: 0.87 ug/l

RT: 7.627 min Scan# 1831

Delta R.T. 0.016 min

Lab File: VN065524.D

Acq: 15 Jan 2021 15:58

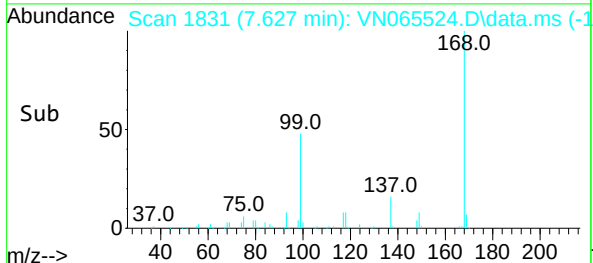
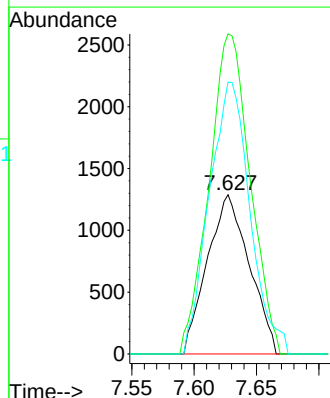
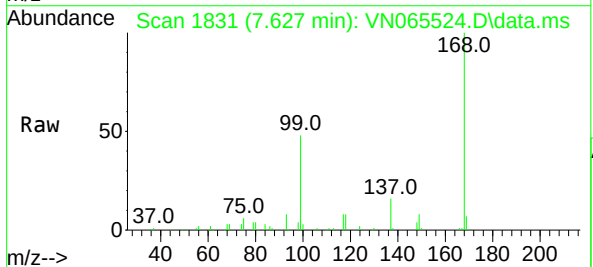
Tgt Ion: 56 Resp: 3010

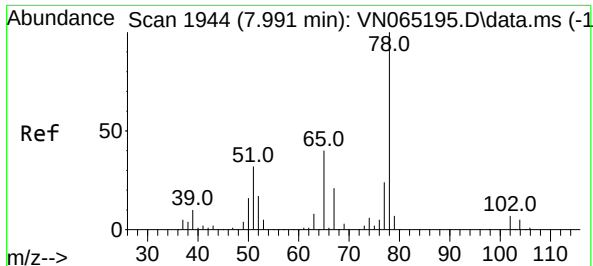
Ion Ratio Lower Upper

56 100

69 201.0 27.5 41.3#

84 170.8 73.9 110.9#

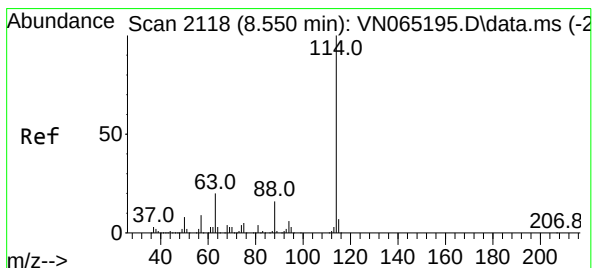
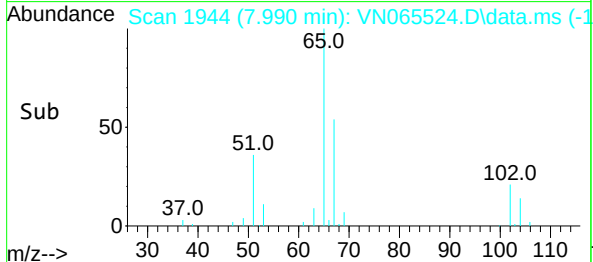
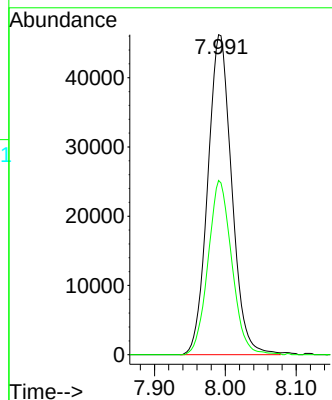
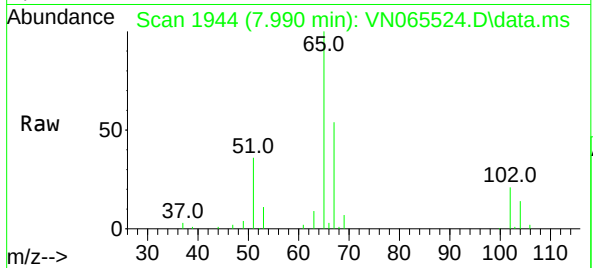




#33
1,2-Dichloroethane-d4
Concen: 46.39 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

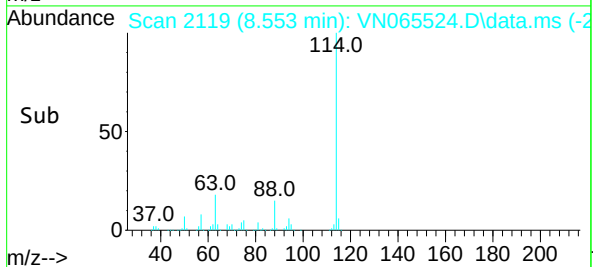
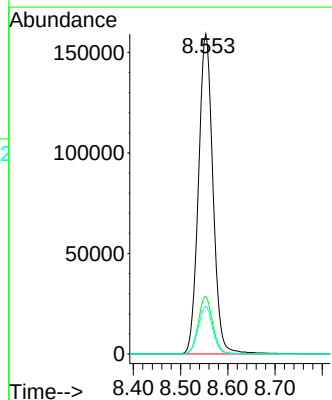
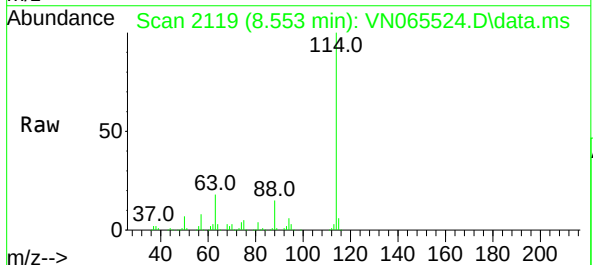
Instrument :
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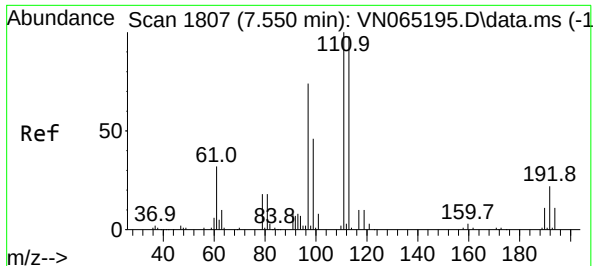
Tgt Ion: 65 Resp: 108674
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

Tgt Ion: 114 Resp: 338593
Ion Ratio Lower Upper
114 100
63 18.0 0.0 38.6
88 14.9 0.0 32.6

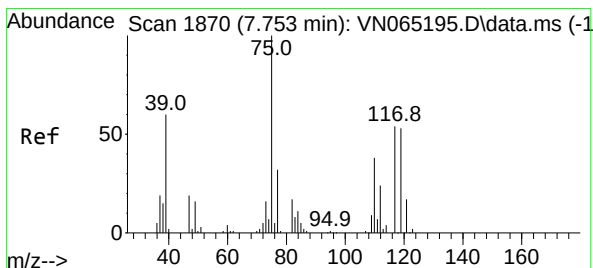
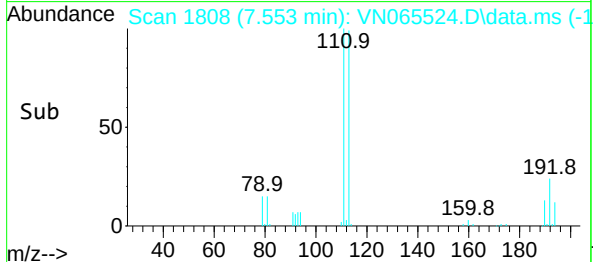
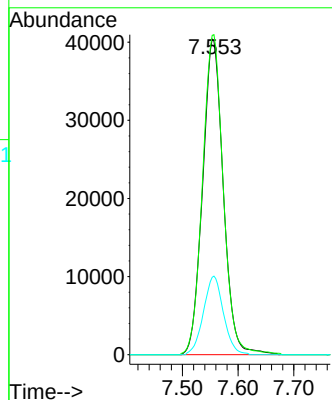
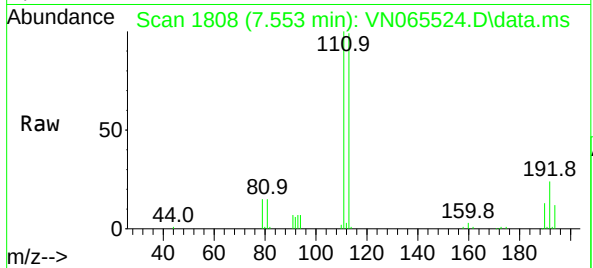




#35
Dibromofluoromethane
Concen: 50.90 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

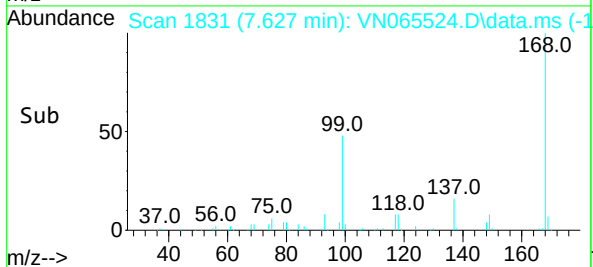
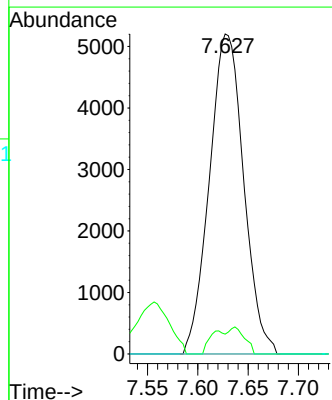
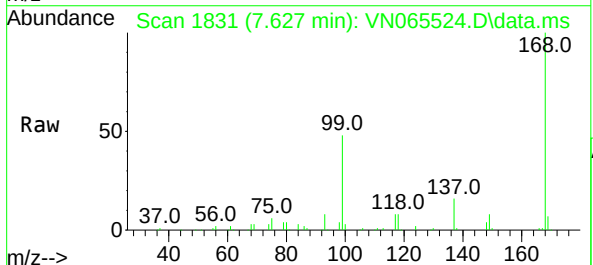
Instrument :
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ClientSampleId :
PB134160TB

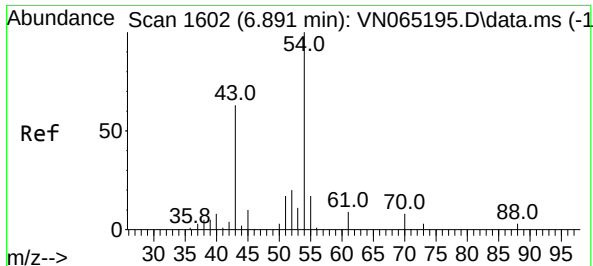
Tgt Ion:113 Resp: 103978
Ion Ratio Lower Upper
113 100
111 101.3 81.6 122.4
192 24.1 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.01 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

Tgt Ion: 75 Resp: 12342
Ion Ratio Lower Upper
75 100
110 3.4 17.8 53.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.93 ug/l

RT: 6.804 min Scan# 1575

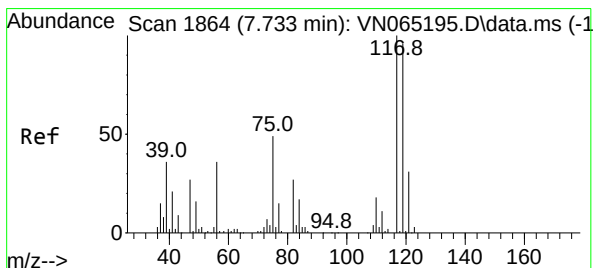
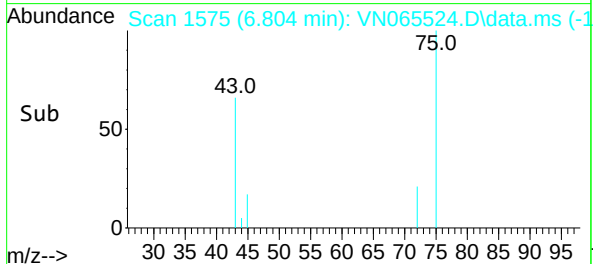
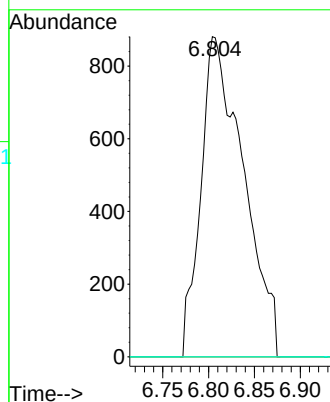
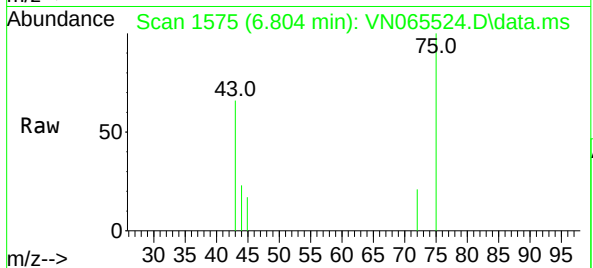
Delta R.T. -0.087 min

Lab File: VN065524.D

Acq: 15 Jan 2021 15:58

Instrument :
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Tgt Ion:	43	Resp:	2845
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	8.8	13.2#



#38

Carbon Tetrachloride

Concen: 5.04 ug/l

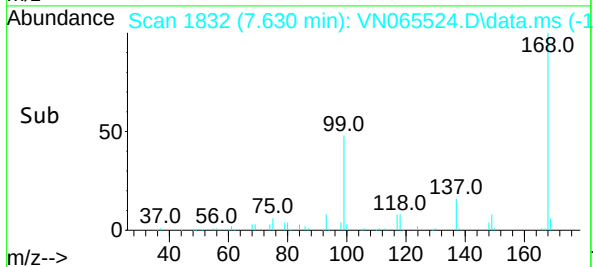
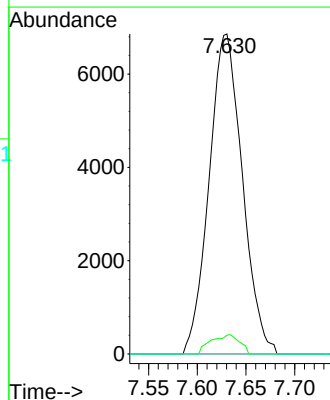
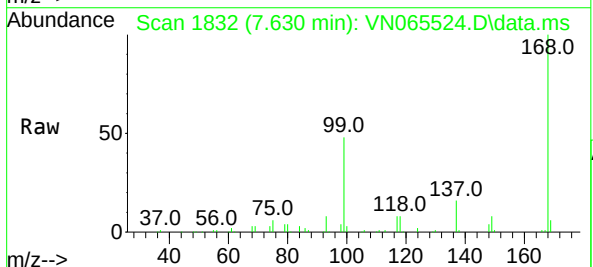
RT: 7.630 min Scan# 1832

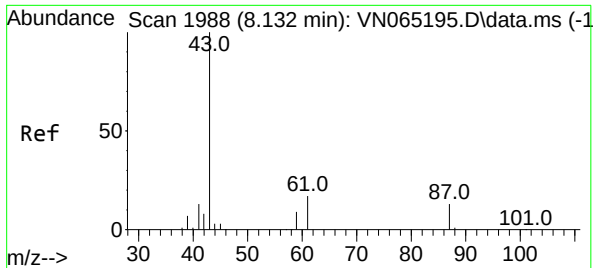
Delta R.T. -0.103 min

Lab File: VN065524.D

Acq: 15 Jan 2021 15:58

Tgt Ion:	117	Resp:	16288
Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.7	115.1#
121	0.0	25.4	38.2#

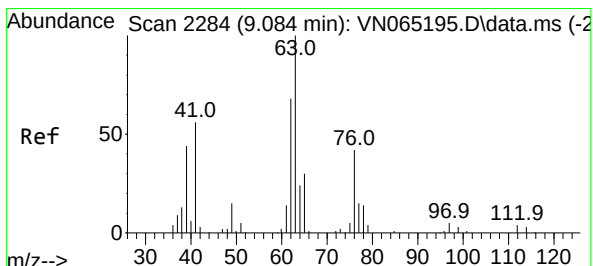
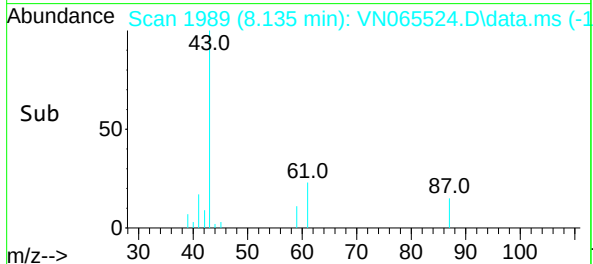
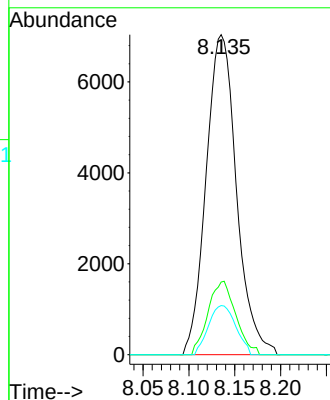
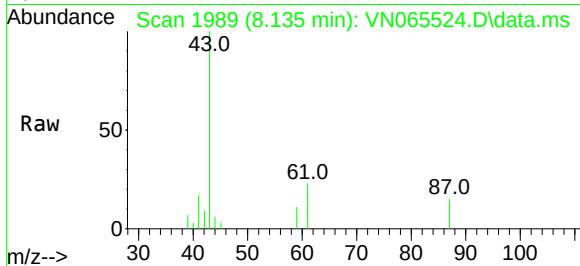




#43
Isopropyl Acetate
Concen: 3.09 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

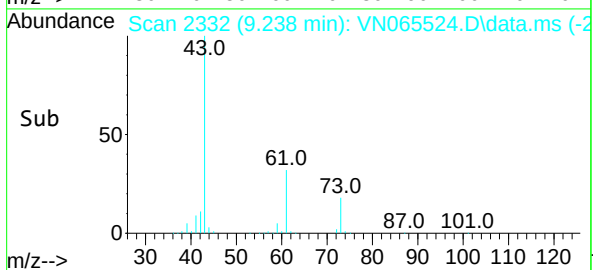
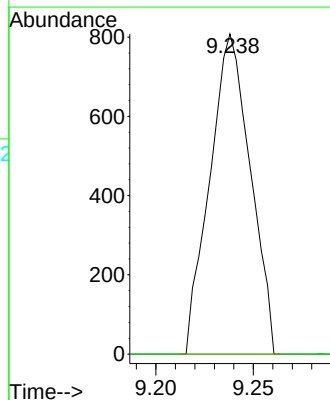
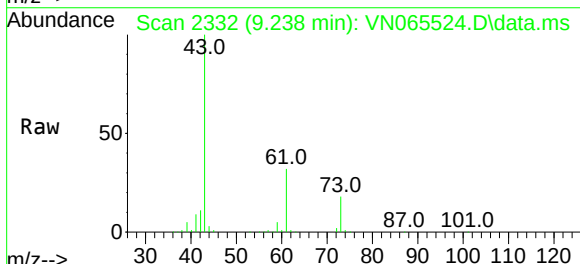
Instrument :
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ClientSampleId :
PB134160TB

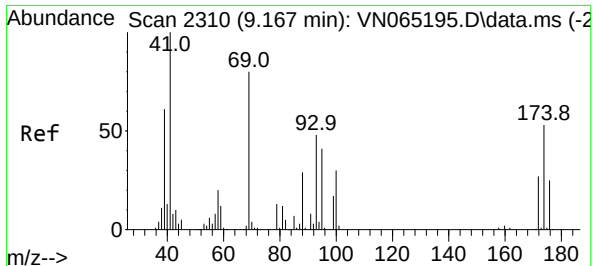
Tgt Ion:	43	Resp:	16240
Ion	Ratio	Lower	Upper
43	100		
61	20.9	17.2	25.8
87	13.8	11.4	17.0



#45
1,2-Dichloropropane
Concen: 0.49 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

Tgt Ion:	63	Resp:	1169
Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

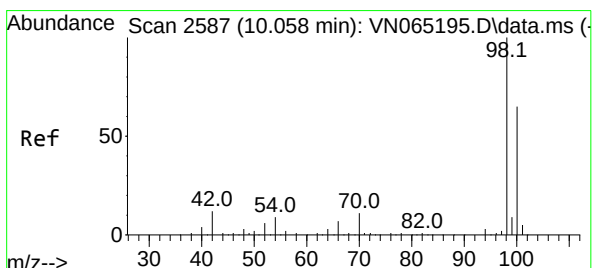
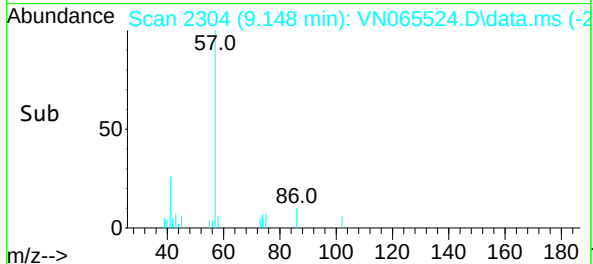
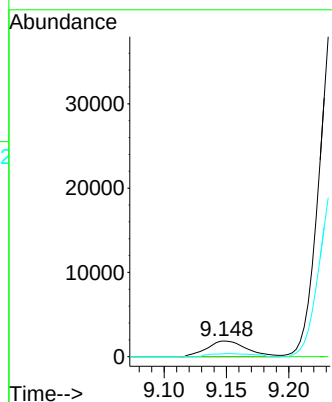
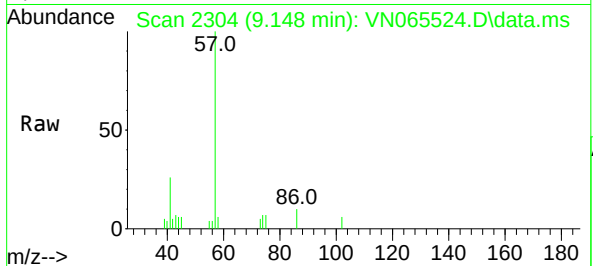




#48
Methyl methacrylate
Concen: 1.62 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

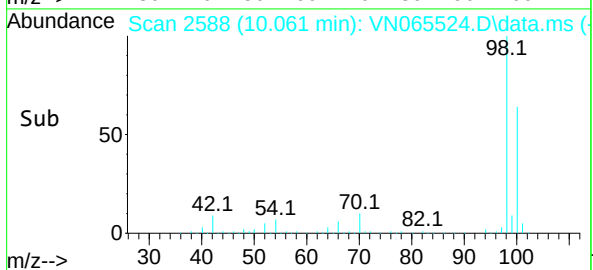
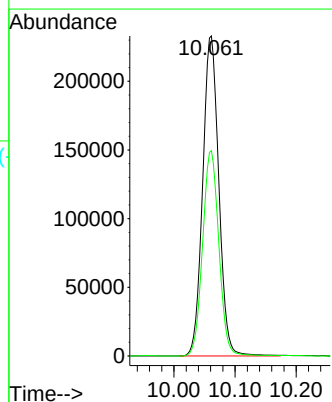
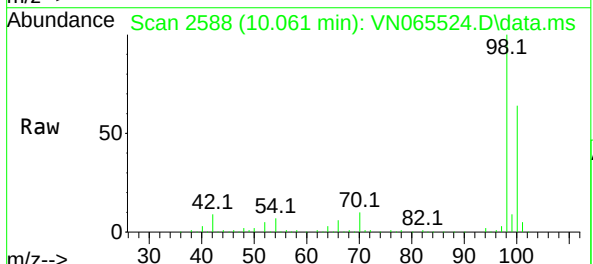
Instrument :
MSVOA_N
ClientSampleId :
PB134160TB

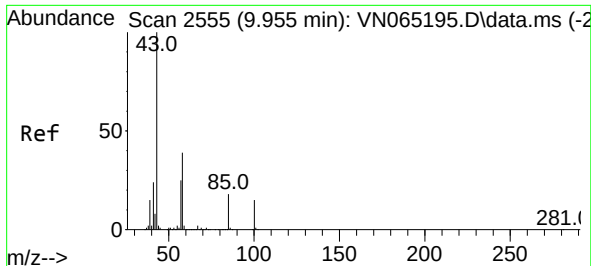
Tgt Ion: 41 Resp: 4132
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#



#50
Toluene-d8
Concen: 55.78 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

Tgt Ion: 98 Resp: 427039
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5

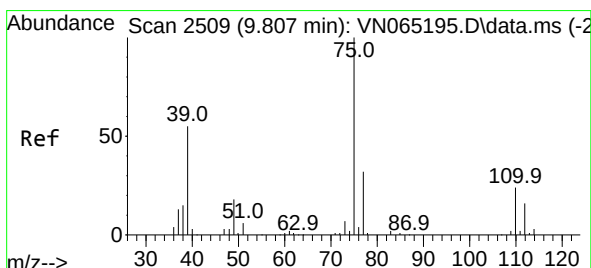
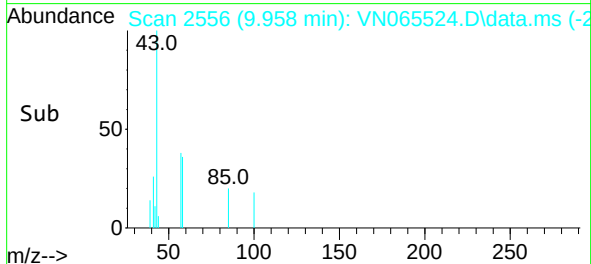
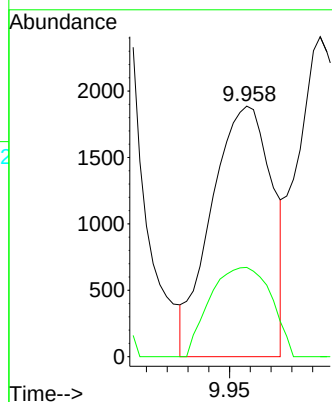
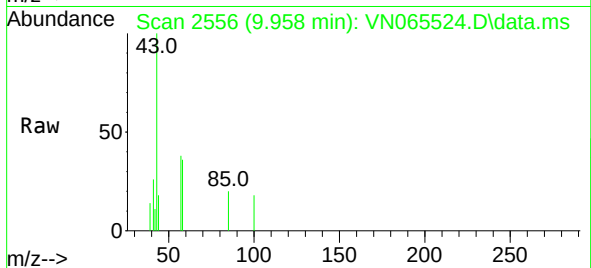




#51
4-Methyl-2-Pentanone
Concen: 1.29 ug/l
RT: 9.958 min Scan# 2556
Delta R.T. 0.003 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

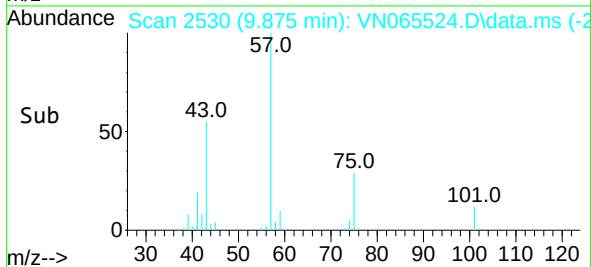
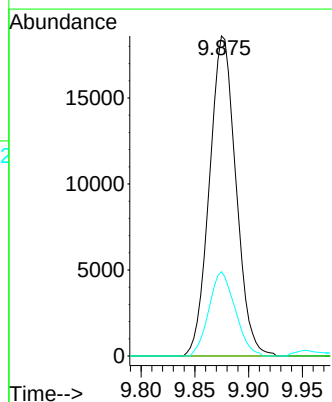
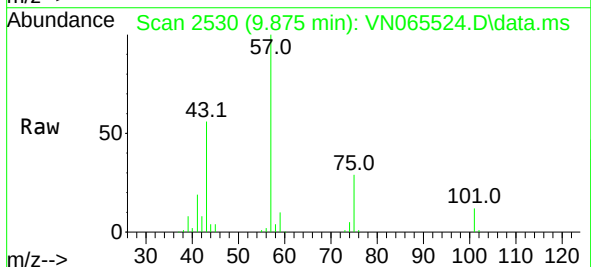
Instrument :
MSVOA_N
ClientSampleId :
PB134160TB

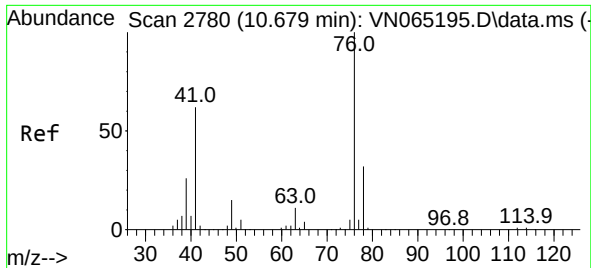
Tgt Ion: 43 Resp: 3810
Ion Ratio Lower Upper
43 100
58 36.2 32.4 48.6



#54
cis-1,3-Dichloropropene
Concen: 7.81 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.068 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

Tgt Ion: 75 Resp: 31868
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 26.3 35.6 53.4#

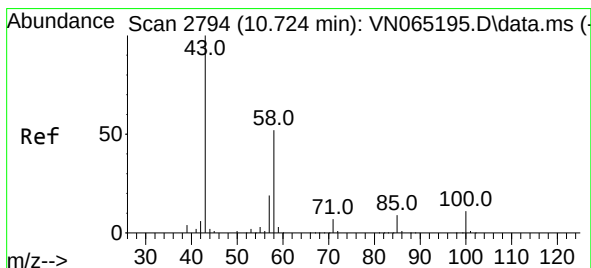
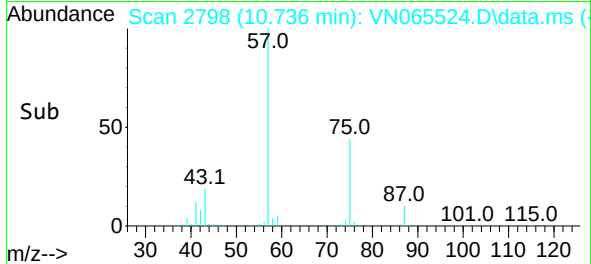
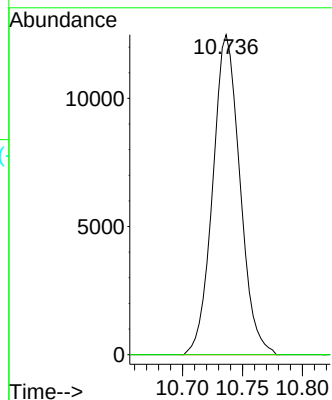
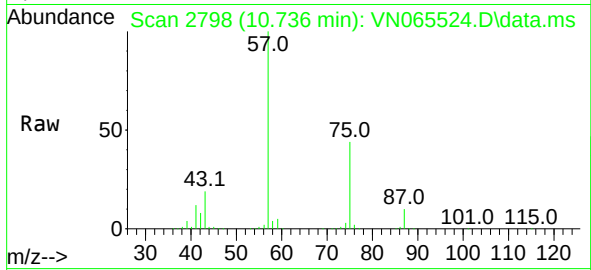




#57
1,3-Dichloropropane
Concen: 5.22 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

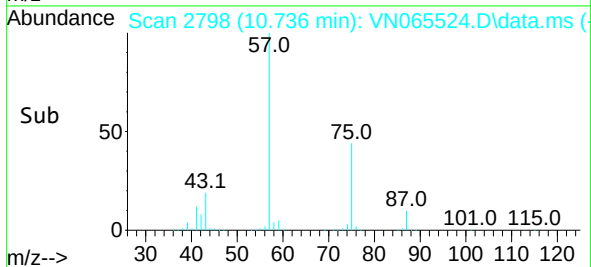
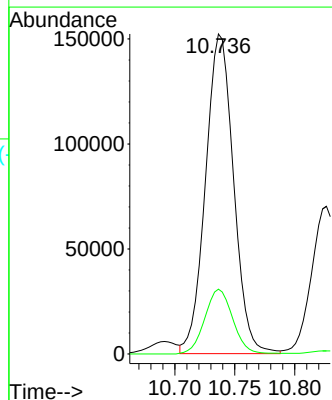
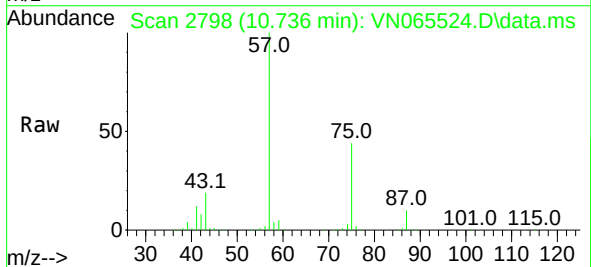
Instrument :
MSVOA_N
ClientSampleId :
PB134160TB

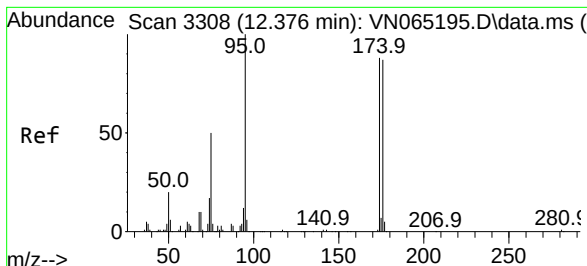
Tgt Ion: 76 Resp: 19686
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 113.97 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

Tgt Ion: 43 Resp: 247752
Ion Ratio Lower Upper
43 100
58 20.3 28.3 84.9#

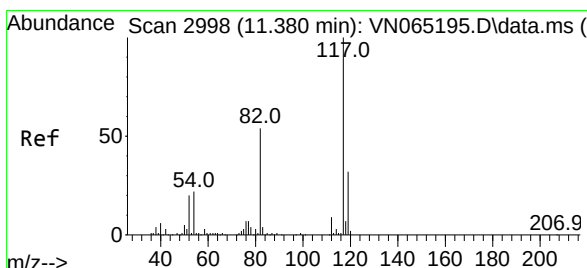
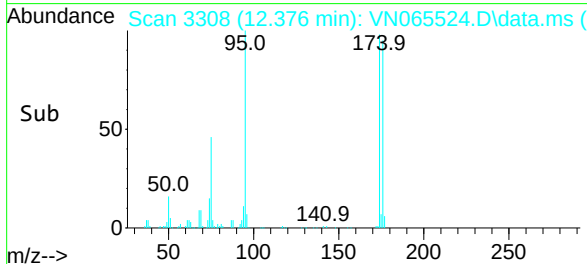
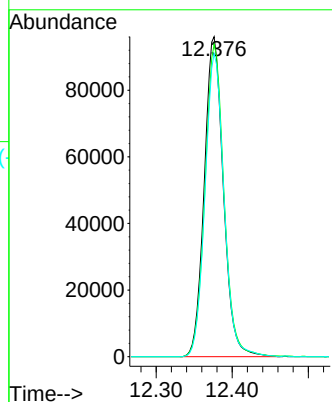
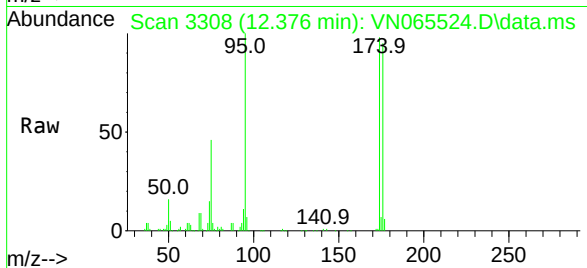




#62
4-Bromofluorobenzene
Concen: 54.74 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

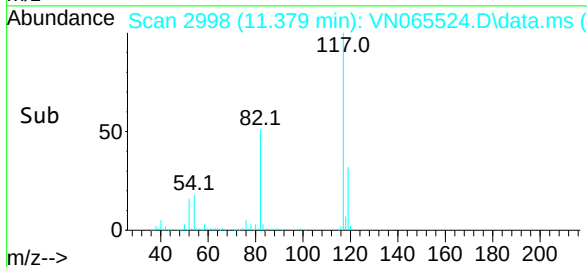
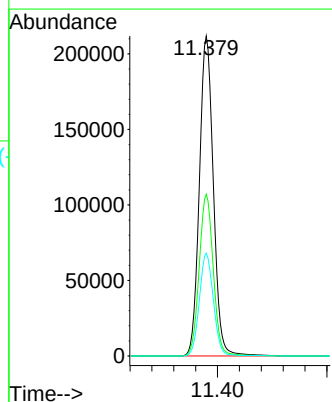
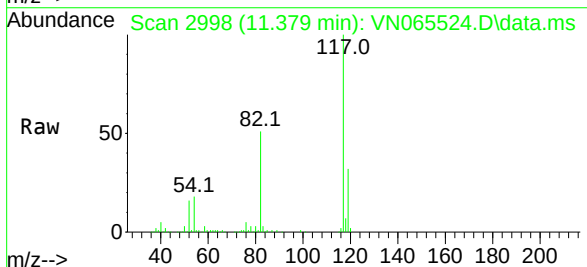
Instrument :
MSVOA_N
ClientSampleId :
PB134160TB

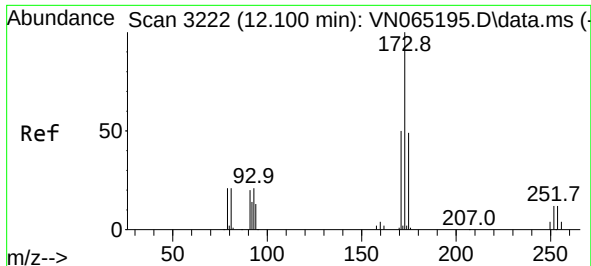
Tgt Ion: 95 Resp: 167388
Ion Ratio Lower Upper
95 100
174 97.6 0.0 160.4
176 94.3 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

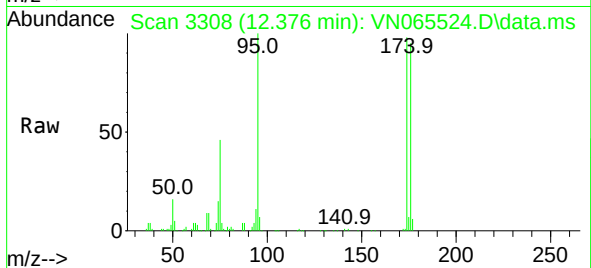
Tgt Ion: 117 Resp: 375754
Ion Ratio Lower Upper
117 100
82 50.5 44.2 66.2
119 32.1 25.8 38.6



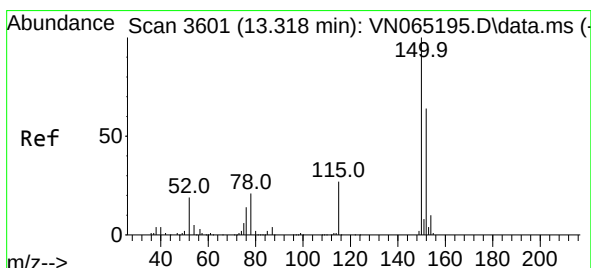
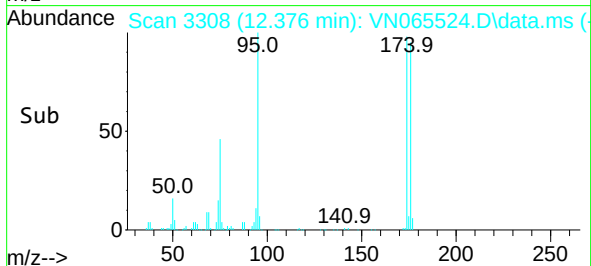
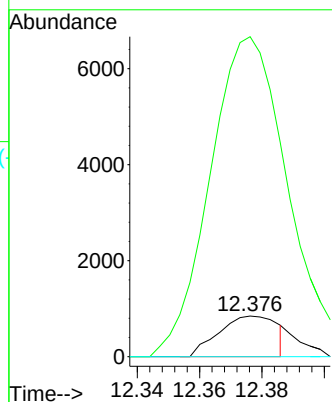


#71
Bromoform
Concen: 0.43 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

Instrument :
MSVOA_N
ClientSampleId :
PB134160TB

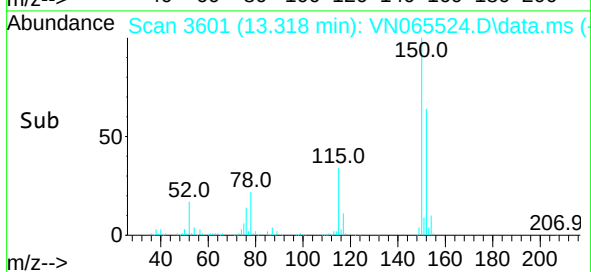
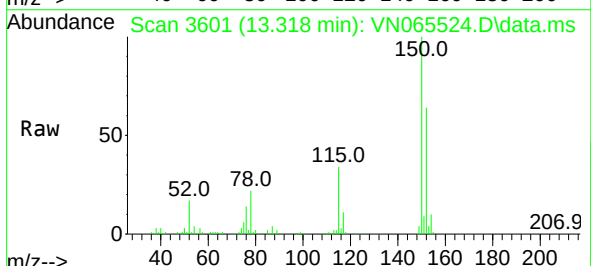
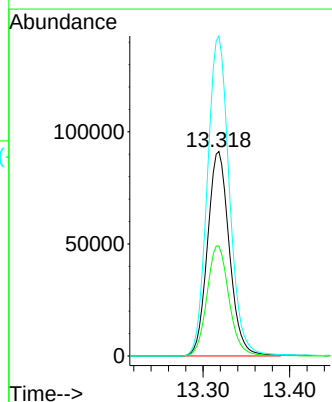


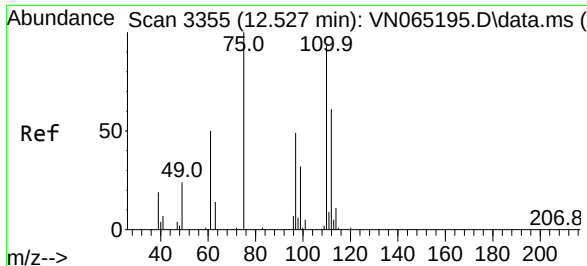
Tgt Ion:173 Resp: 1105
Ion Ratio Lower Upper
173 100
175 872.4 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

Tgt Ion:152 Resp: 159935
Ion Ratio Lower Upper
152 100
115 54.5 29.7 89.1
150 157.9 0.0 350.6

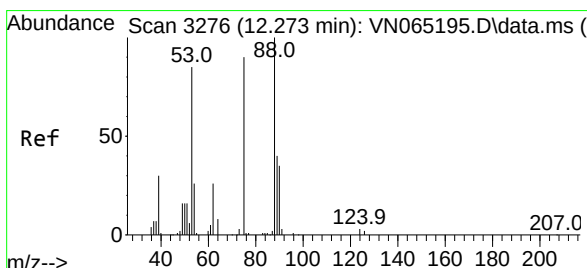
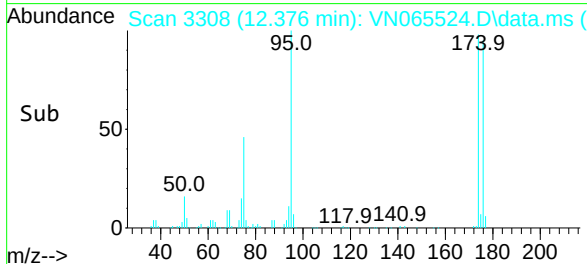
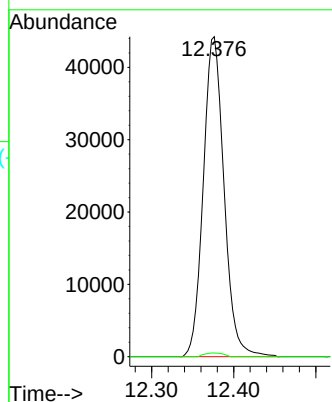
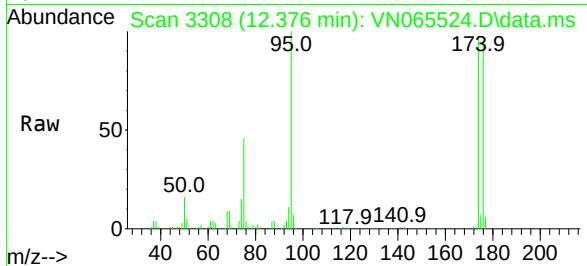




#76
1,2,3-Trichloropropane
Concen: 23.82 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

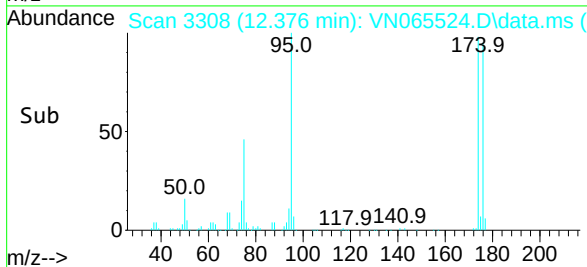
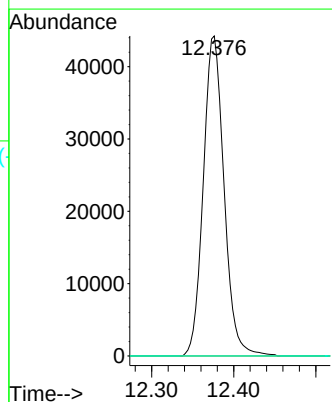
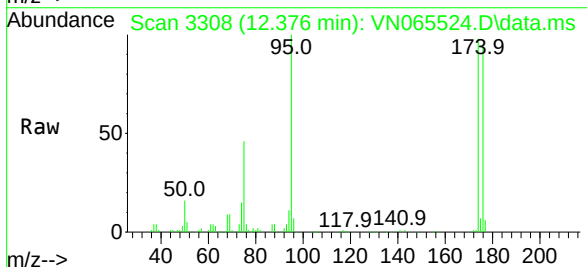
Instrument :
MSVOA_N
ClientSampleId :
PB134160TB

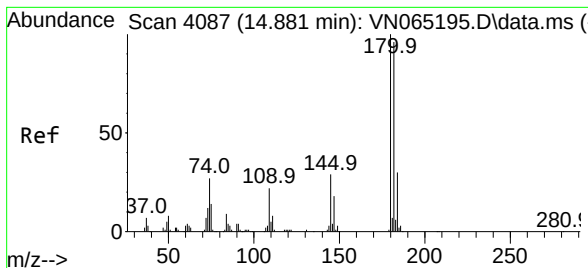
Tgt Ion: 75 Resp: 77727
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.07 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

Tgt Ion: 75 Resp: 77727
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

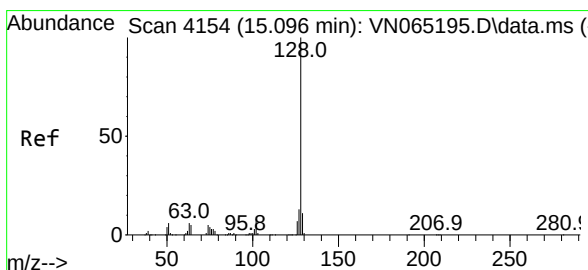
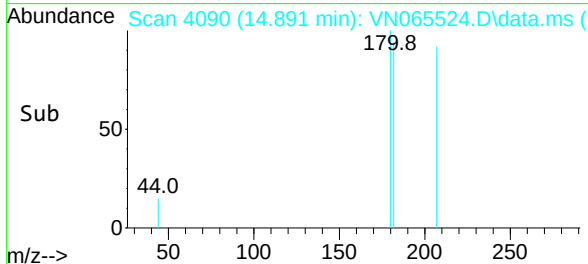
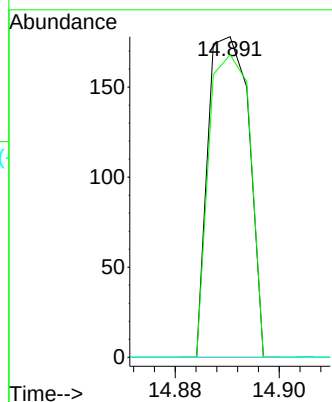
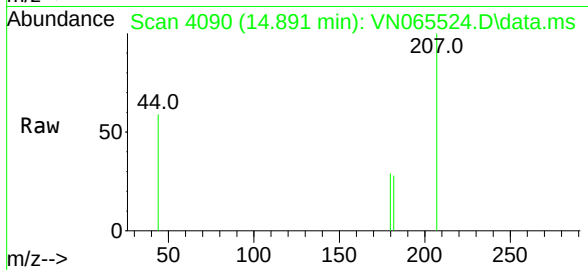




#93
1,2,4-Trichlorobenzene
Concen: 2.86 ug/l
RT: 14.891 min Scan# 4090
Delta R.T. 0.010 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

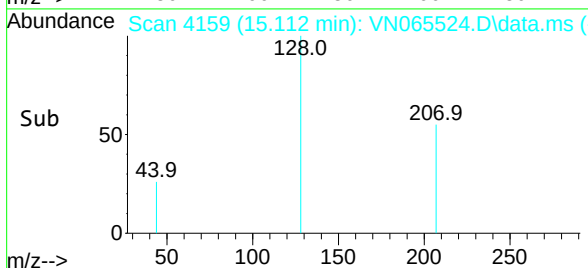
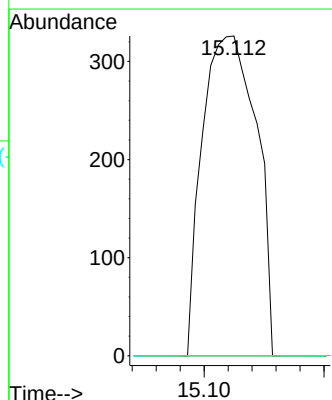
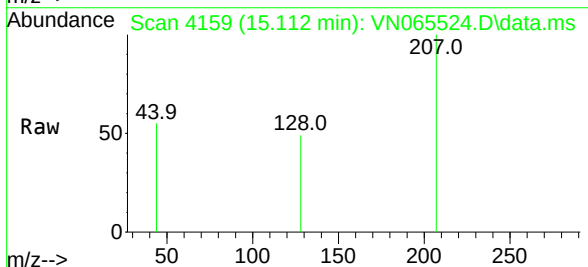
Instrument :
MSVOA_N
ClientSampleId :
PB134160TB

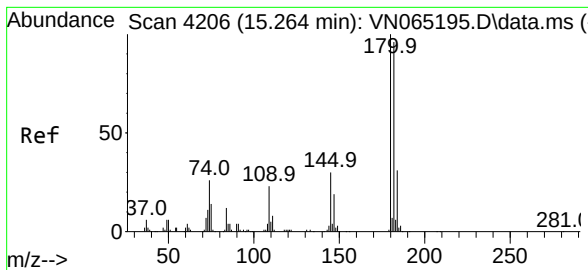
Tgt Ion:180 Resp: 97
Ion Ratio Lower Upper
180 100
182 94.8 47.6 142.9
145 0.0 15.3 45.8#



#95
Naphthalene
Concen: 3.43 ug/l
RT: 15.112 min Scan# 4159
Delta R.T. 0.016 min
Lab File: VN065524.D
Acq: 15 Jan 2021 15:58

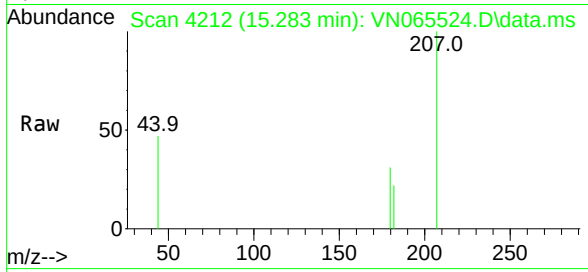
Tgt Ion:128 Resp: 509
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.28 ug/l
 RT: 15.283 min Scan# 4212
 Delta R.T. 0.019 min
 Lab File: VN065524.D
 Acq: 15 Jan 2021 15:58

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134160TB



Tgt Ion:	180	Resp:	182
Ion	Ratio	Lower	Upper
180	100		
182	72.0	48.1	144.4
145	0.0	16.4	49.1#

