

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011521\
 Data File : VN065527.D
 Acq On : 15 Jan 2021 17:12
 Operator : JC/MD
 Sample : PB134160ZHE#13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134160ZHE#13

Quant Time: Jan 15 23:43:04 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)

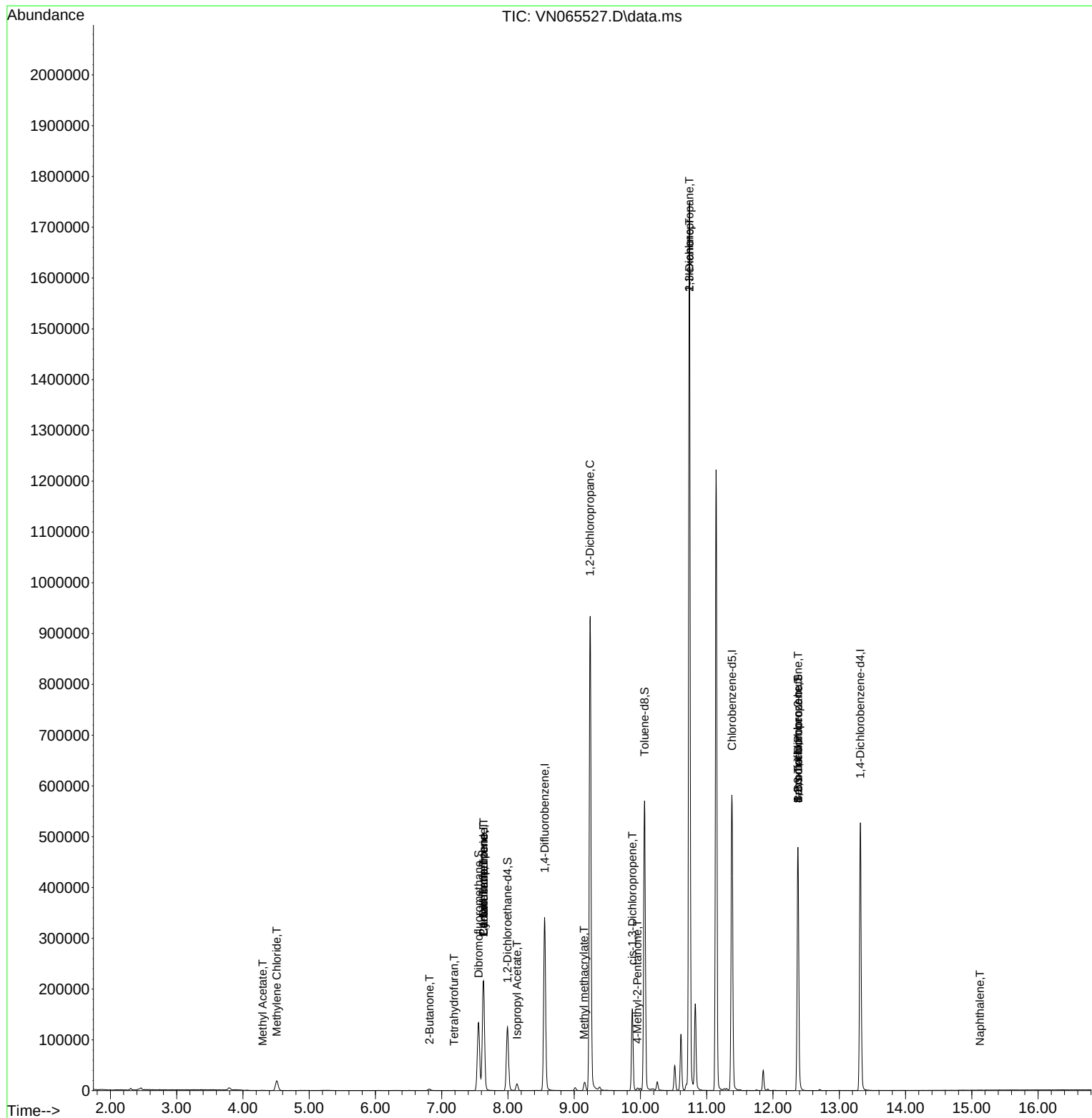
Internal Standards						
1) Pentafluorobenzene	7.630	168	202729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	334035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	374318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	163590	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.994	65	108401	47.36	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.72%		
35) Dibromofluoromethane	7.557	113	104685	51.95	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.90%		
50) Toluene-d8	10.061	98	424488	56.20	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	112.40%		
62) 4-Bromofluorobenzene	12.376	95	169008	55.91	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	111.82%		
Target Compounds					Qvalue	
16) Acetone	3.795	43	7705	Below Cal		95
18) Methyl Acetate	4.299	43	680	0.33 ug/l #		50
20) Methylene Chloride	4.508	84	15523	6.95 ug/l		96
25) 2-Butanone	6.814	43	2535	1.97 ug/l		91
29) Tetrahydrofuran	7.187	42	312	0.38 ug/l #		32
31) Cyclohexane	7.630	56	2924	0.87 ug/l #		1
36) 1,1-Dichloropropene	7.627	75	12042	3.96 ug/l #		49
38) Carbon Tetrachloride	7.630	117	16499	5.17 ug/l #		16
43) Isopropyl Acetate	8.135	43	15518	2.99 ug/l		100
45) 1,2-Dichloropropane	9.238	63	1144	0.49 ug/l #		43
48) Methyl methacrylate	9.148	41	4114	1.63 ug/l #		12
51) 4-Methyl-2-Pentanone	9.952	43	3812	1.31 ug/l		88
54) cis-1,3-Dichloropropene	9.878	75	31782	7.89 ug/l #		61
57) 1,3-Dichloropropane	10.736	76	19201	5.16 ug/l #		42
59) 2-Hexanone	10.736	43	243760	113.66 ug/l #		50
71) Bromoform	12.376	173	1187	0.47 ug/l #		1
76) 1,2,3-Trichloropropane	12.376	75	78478	23.51 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.376	75	78478	59.29 ug/l #		15
95) Naphthalene	15.122	128	90	3.38 ug/l #		69

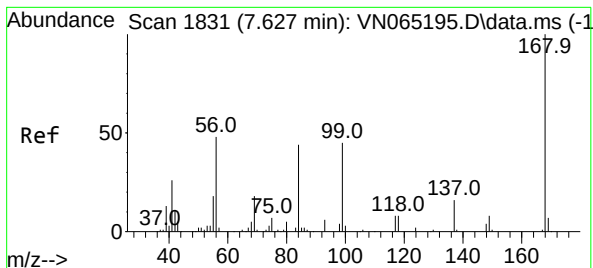
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 22 15:42:18 2020
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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: VN065527.D

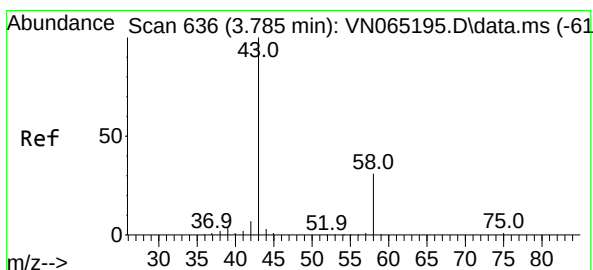
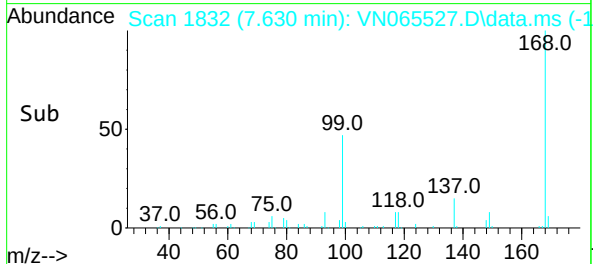
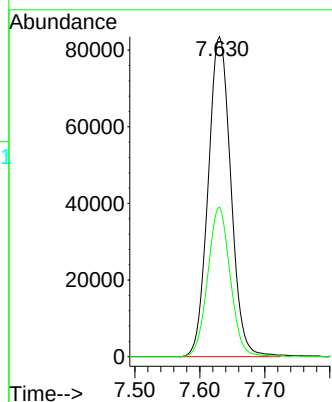
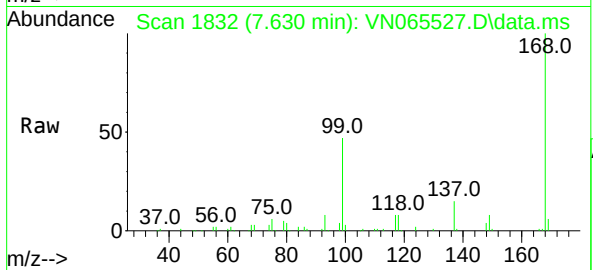
Acq: 15 Jan 2021 17:12

Tgt Ion:168 Resp: 202729

Ion Ratio Lower Upper

168 100

99 46.7 43.0 64.4



#16

Acetone

Concen: Below Cal

RT: 3.795 min Scan# 639

Delta R.T. 0.010 min

Lab File: VN065527.D

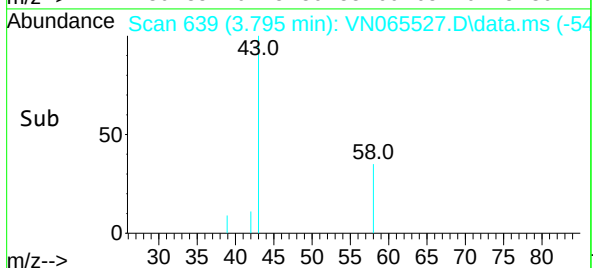
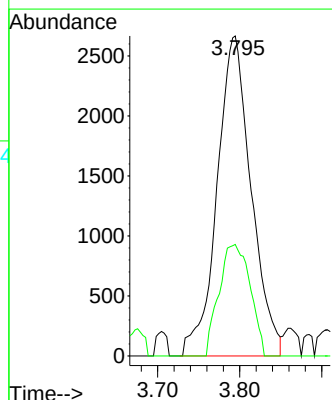
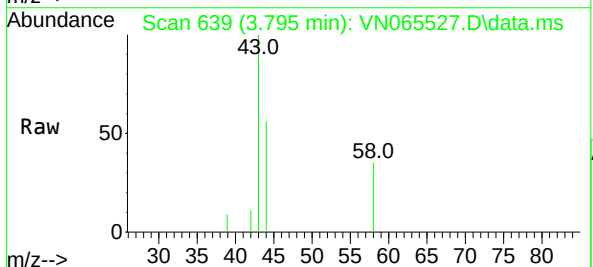
Acq: 15 Jan 2021 17:12

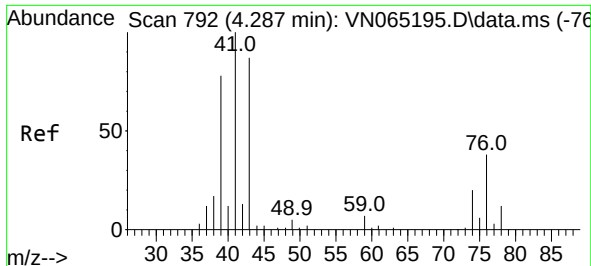
Tgt Ion: 43 Resp: 7705

Ion Ratio Lower Upper

43 100

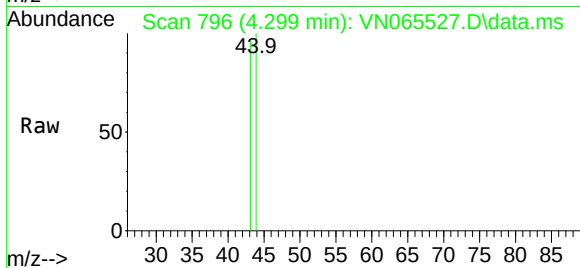
58 34.8 25.7 38.5



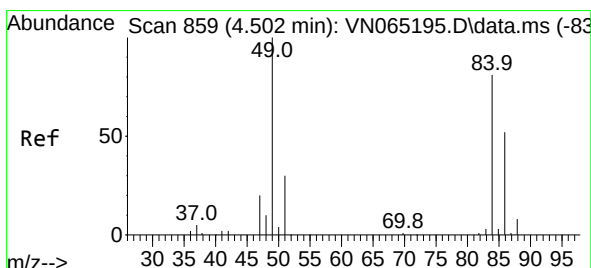
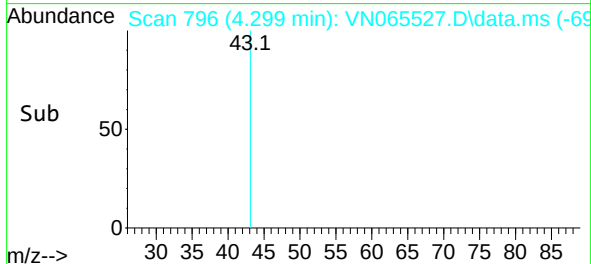
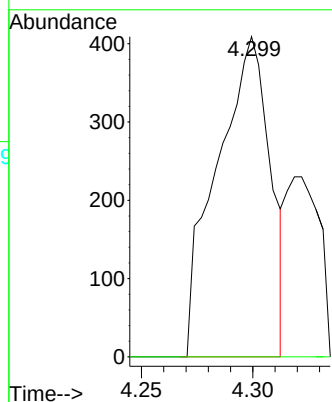


#18
Methyl Acetate
Concen: 0.33 ug/l
RT: 4.299 min Scan# 796
Delta R.T. 0.012 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

Instrument :
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PB134160ZHE#13

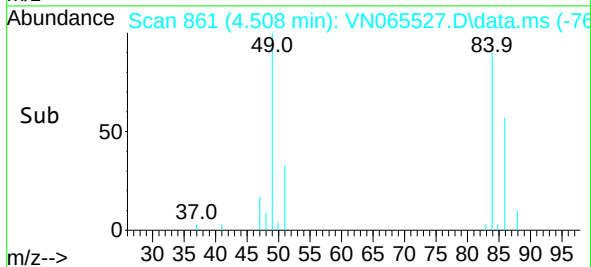
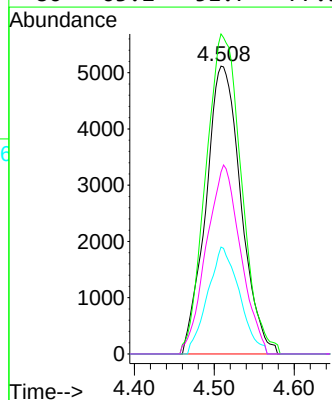
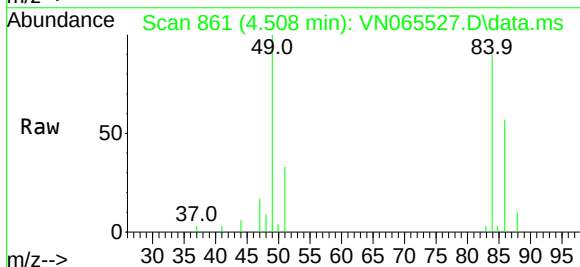


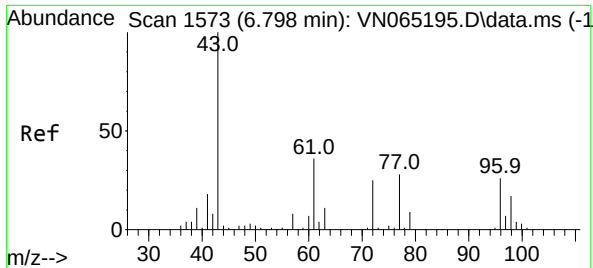
Tgt Ion: 43 Resp: 680
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 6.95 ug/l
RT: 4.508 min Scan# 861
Delta R.T. 0.006 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

Tgt Ion: 84 Resp: 15523
Ion Ratio Lower Upper
84 100
49 111.2 93.4 140.0
51 37.1 28.2 42.4
86 63.2 51.7 77.5

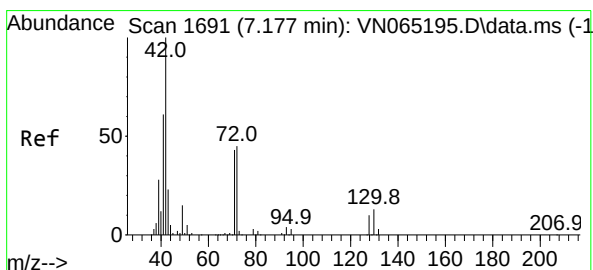
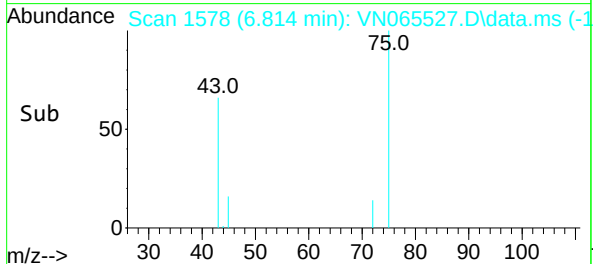
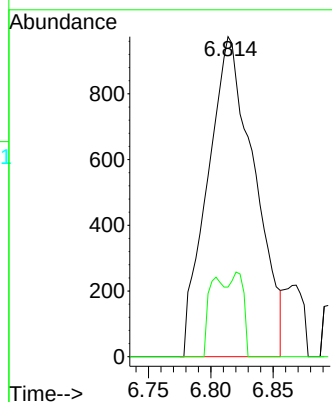
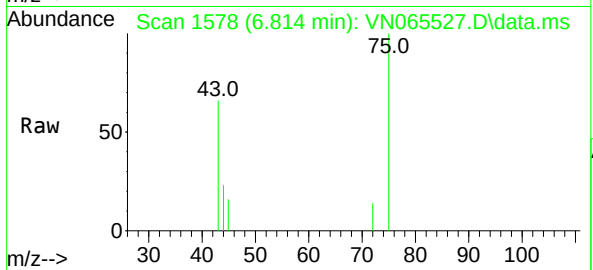




#25
2-Butanone
Concen: 1.97 ug/l
RT: 6.814 min Scan# 1578
Delta R.T. 0.016 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

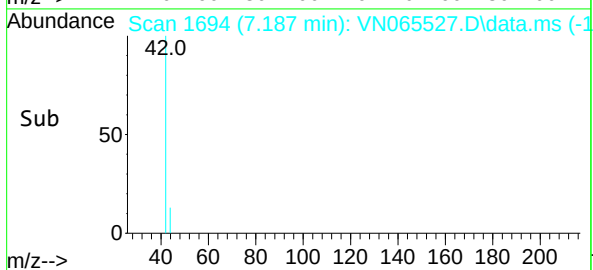
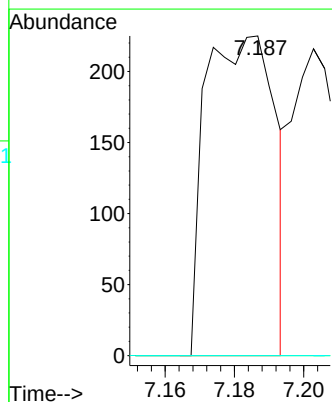
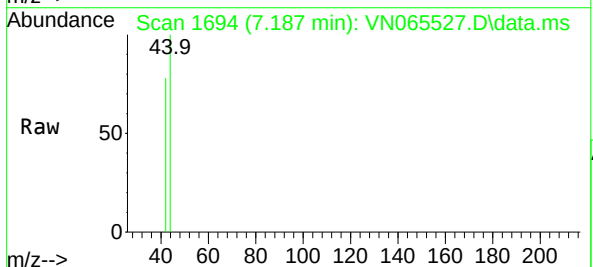
Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#13

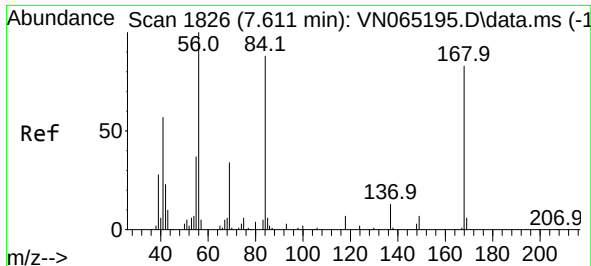
Tgt Ion: 43 Resp: 2535
Ion Ratio Lower Upper
43 100
72 21.8 21.0 31.6



#29
Tetrahydrofuran
Concen: 0.38 ug/l
RT: 7.187 min Scan# 1694
Delta R.T. 0.010 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

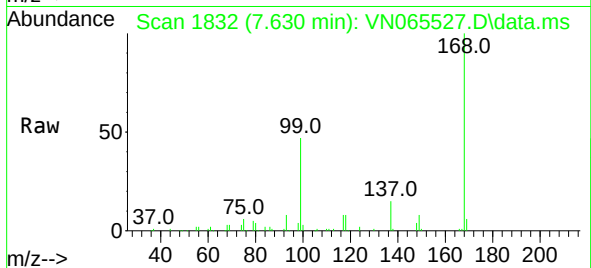
Tgt Ion: 42 Resp: 312
Ion Ratio Lower Upper
42 100
72 0.0 36.6 54.8#
71 0.0 33.6 50.4#



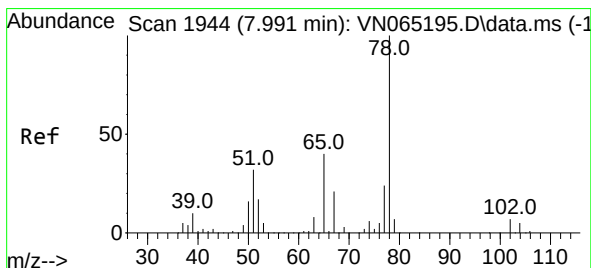
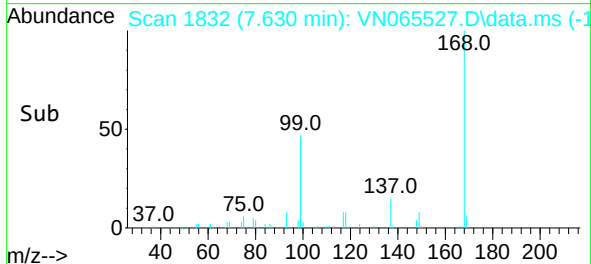
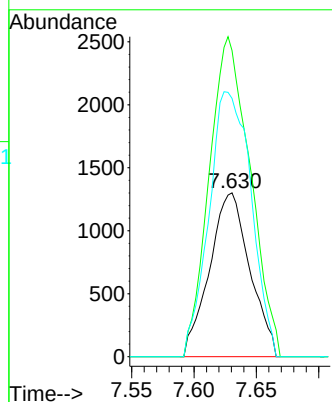


#31
Cyclohexane
Concen: 0.87 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.019 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#13

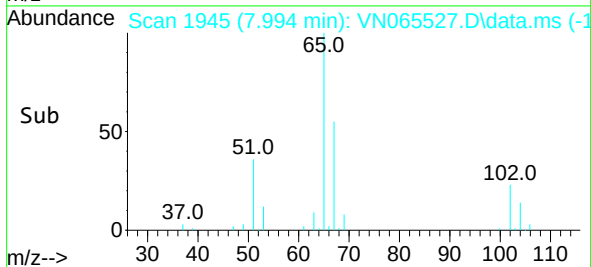
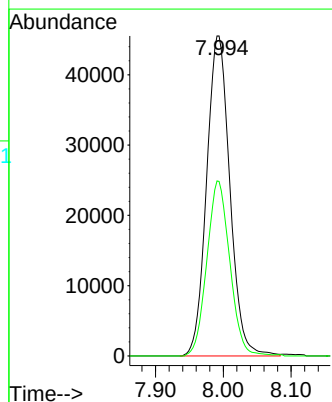
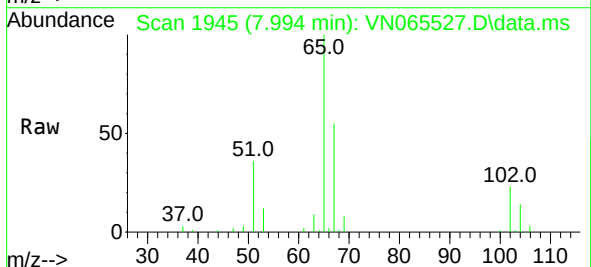


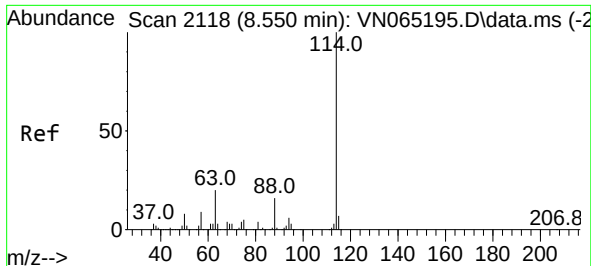
Tgt Ion: 56 Resp: 2924
Ion Ratio Lower Upper
56 100
69 186.9 27.5 41.3#
84 157.6 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 47.36 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

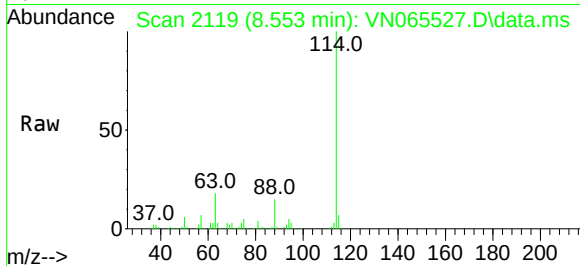
Tgt Ion: 65 Resp: 108401
Ion Ratio Lower Upper
65 100
67 54.0 0.0 108.2



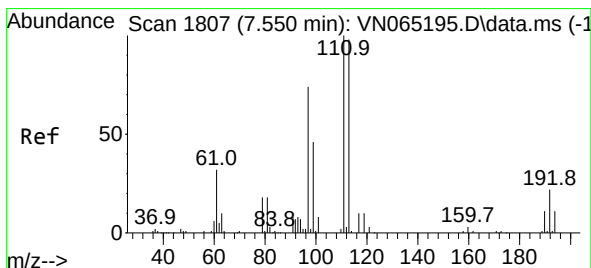
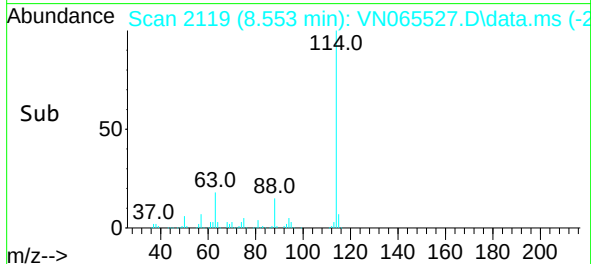
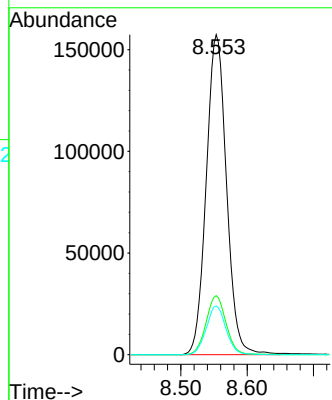


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

Instrument :
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ClientSampleId :
PB134160ZHE#13

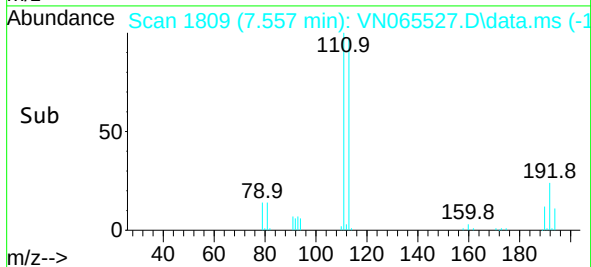
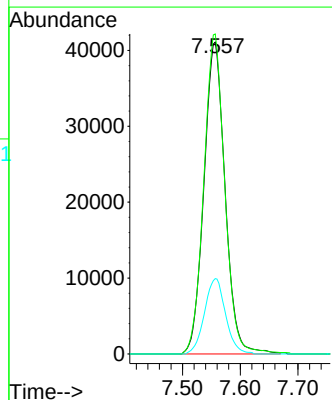
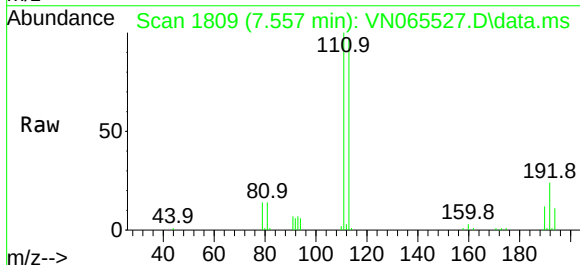


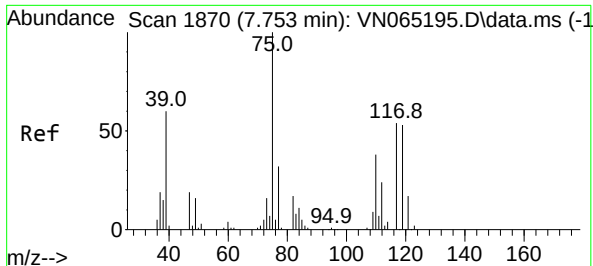
Tgt Ion:114 Resp: 334035
Ion Ratio Lower Upper
114 100
63 18.5 0.0 38.6
88 15.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.95 ug/l
RT: 7.557 min Scan# 1809
Delta R.T. 0.007 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

Tgt Ion:113 Resp: 104685
Ion Ratio Lower Upper
113 100
111 101.6 81.6 122.4
192 24.1 16.2 24.2

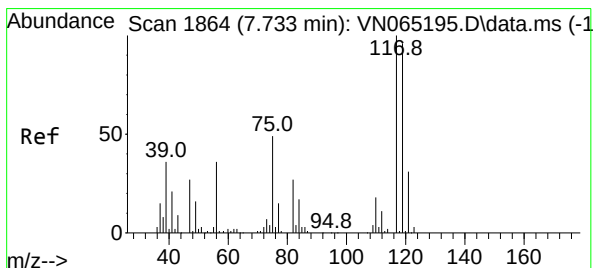
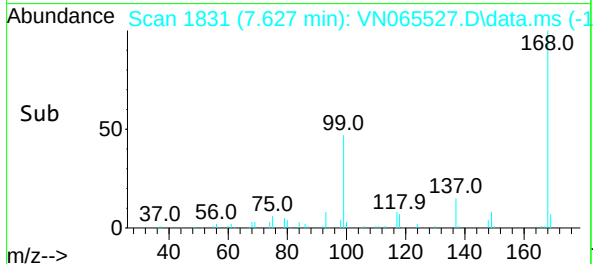
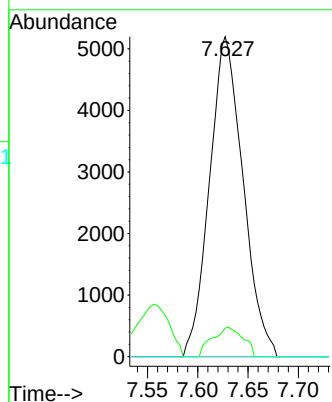
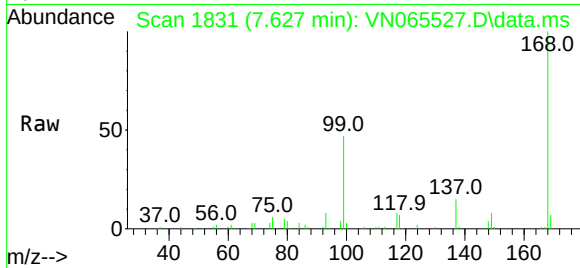




#36
1,1-Dichloropropene
Concen: 3.96 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

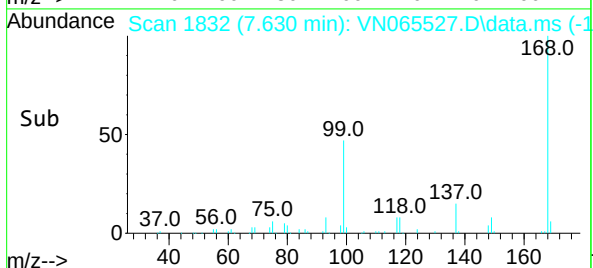
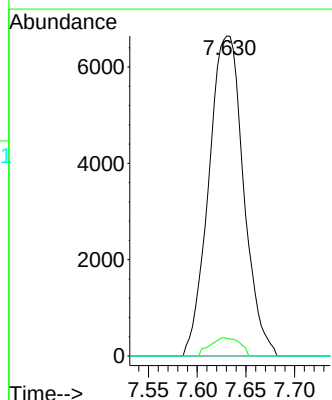
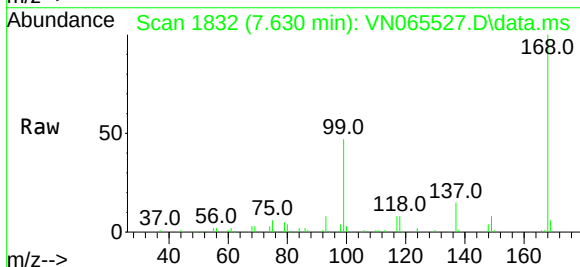
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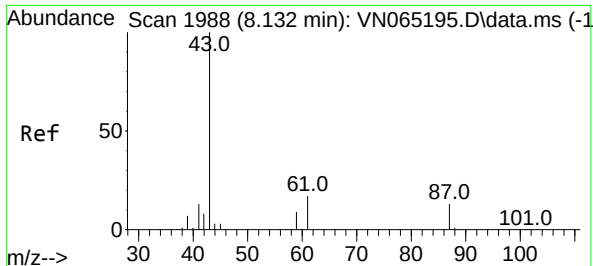
Tgt Ion: 75 Resp: 12042
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.17 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.103 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

Tgt Ion: 117 Resp: 16499
Ion Ratio Lower Upper
117 100
119 5.5 76.7 115.1#
121 0.0 25.4 38.2#

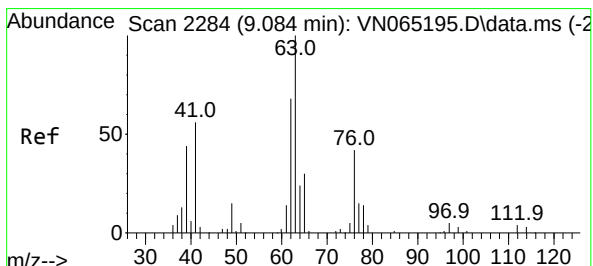
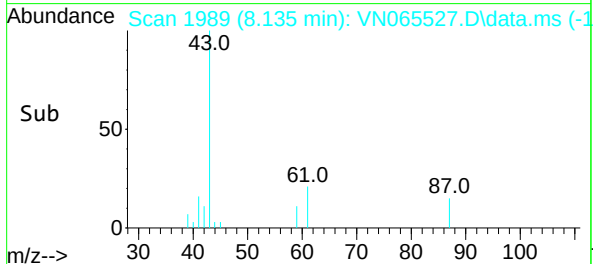
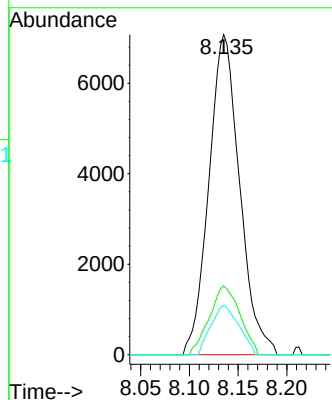
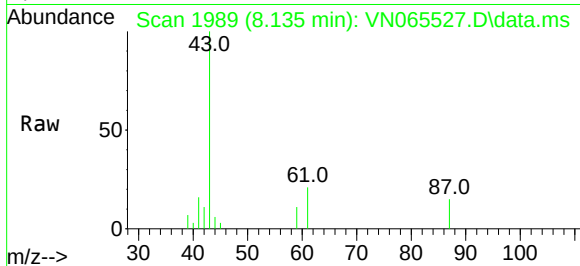




#43
Isopropyl Acetate
Concen: 2.99 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

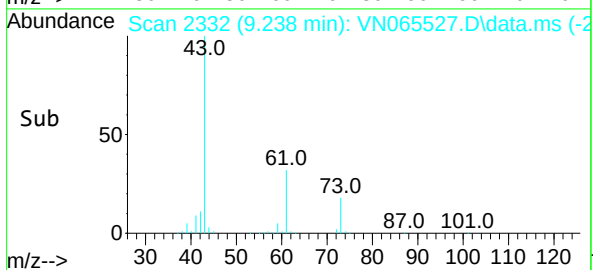
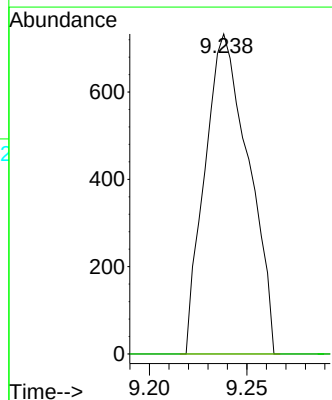
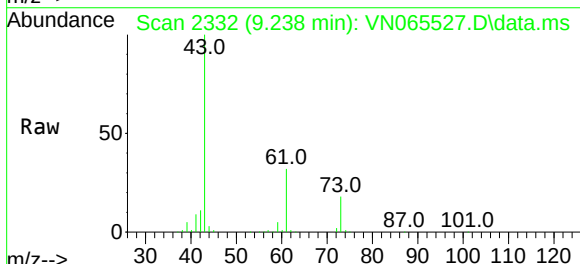
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PB134160ZHE#13

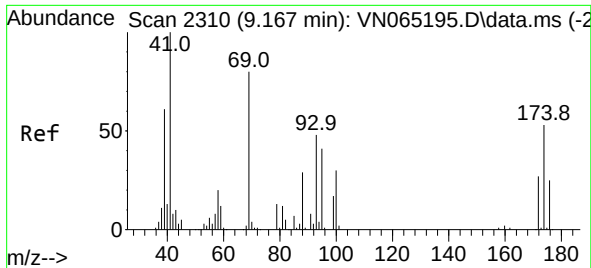
Tgt Ion: 43	Resp: 15518
Ion Ratio	Lower Upper
43 100	
61 21.4	17.2 25.8
87 13.9	11.4 17.0



#45
1,2-Dichloropropane
Concen: 0.49 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

Tgt Ion: 63	Resp: 1144
Ion Ratio	Lower Upper
63 100	
65 0.0	25.0 37.4#

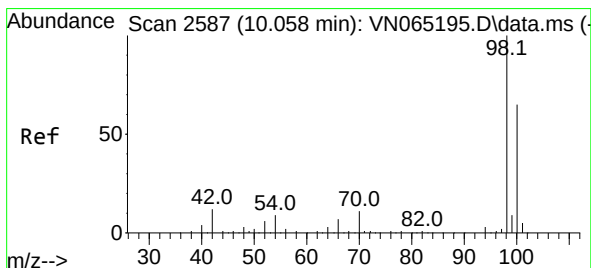
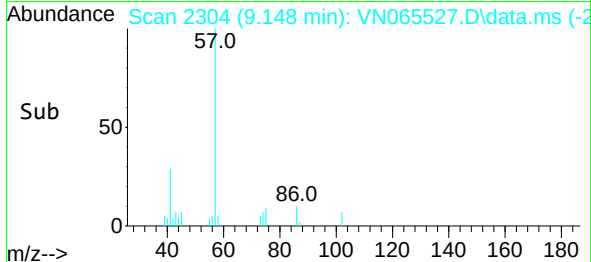
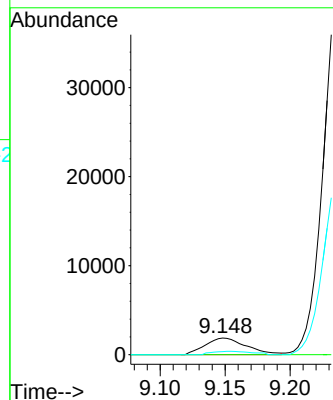
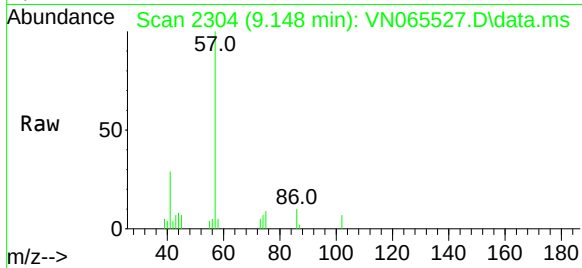




#48
Methyl methacrylate
Concen: 1.63 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

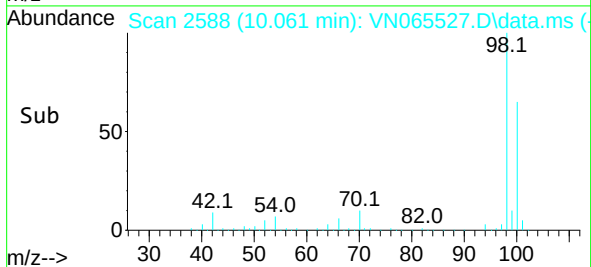
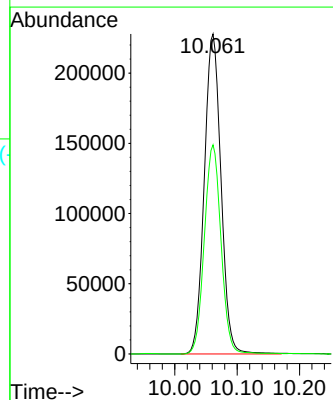
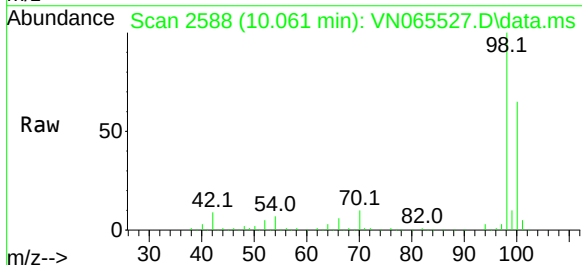
Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#13

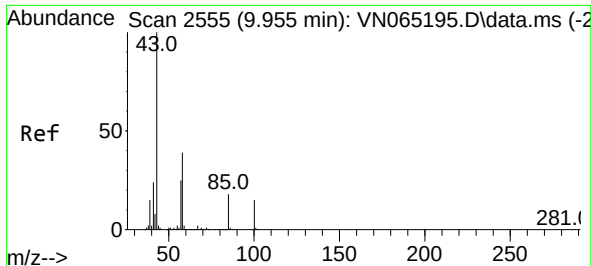
Tgt Ion: 41 Resp: 4114
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#



#50
Toluene-d8
Concen: 56.20 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

Tgt Ion: 98 Resp: 424488
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5

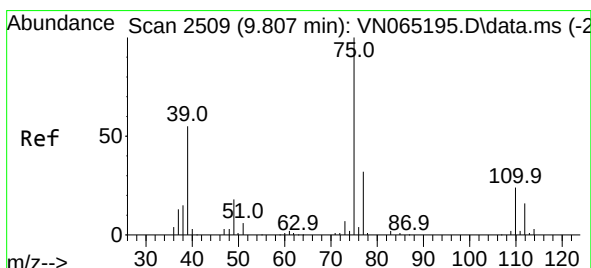
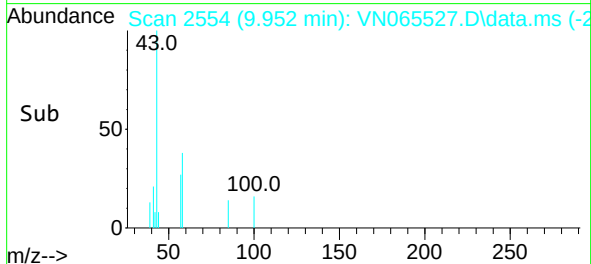
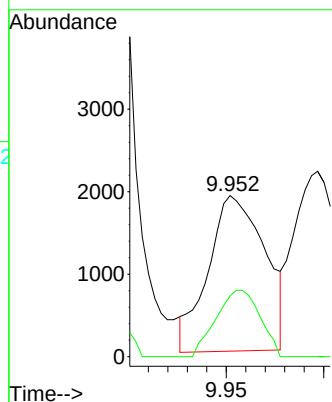
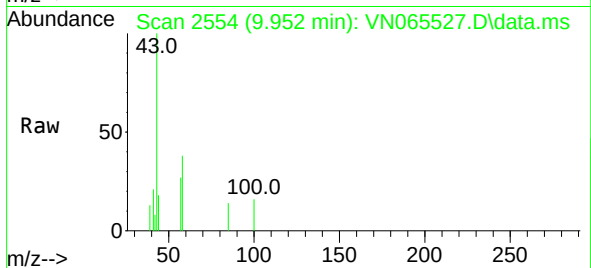




#51
4-Methyl-2-Pentanone
Concen: 1.31 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.003 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

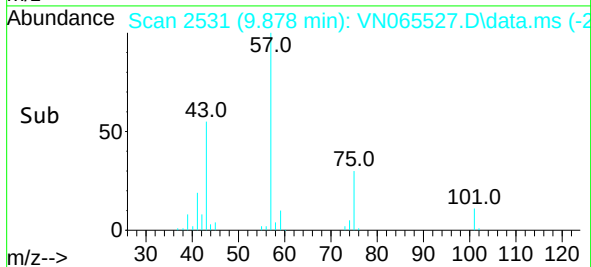
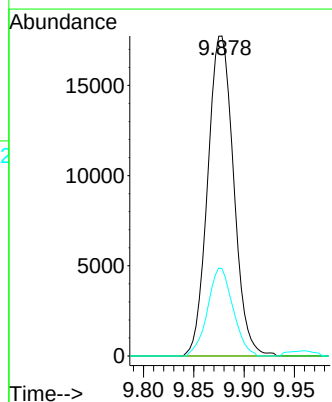
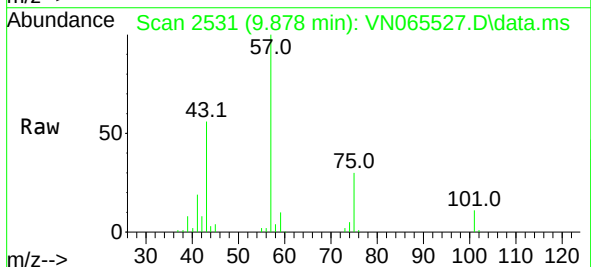
Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#13

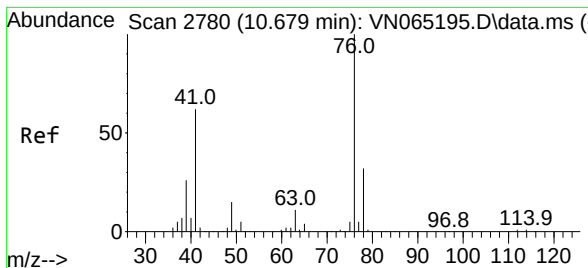
Tgt Ion: 43 Resp: 3812
Ion Ratio Lower Upper
43 100
58 33.2 32.4 48.6



#54
cis-1,3-Dichloropropene
Concen: 7.89 ug/l
RT: 9.878 min Scan# 2531
Delta R.T. 0.071 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

Tgt Ion: 75 Resp: 31782
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 27.3 35.6 53.4#

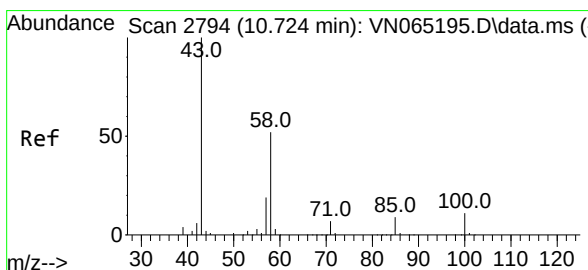
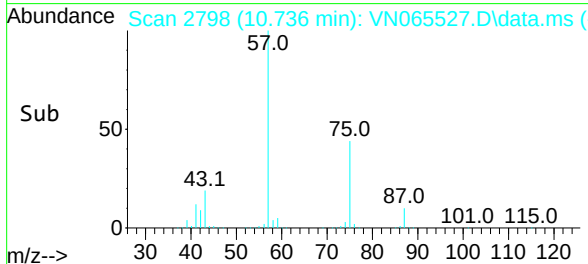
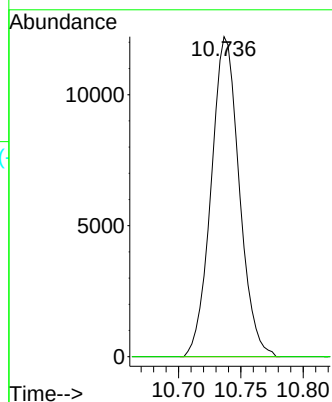
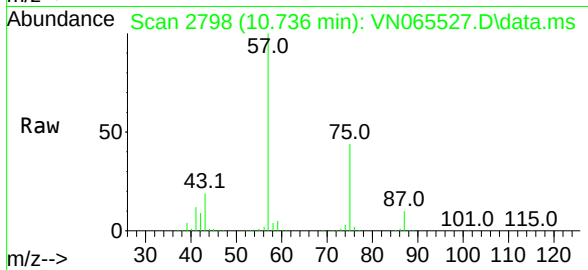




#57
1,3-Dichloropropane
Concen: 5.16 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

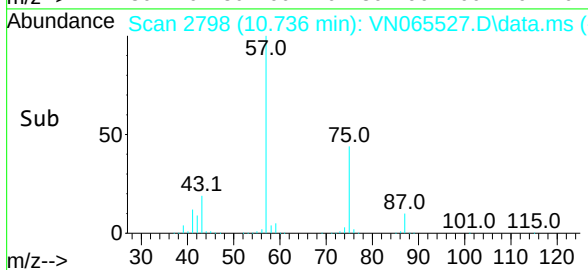
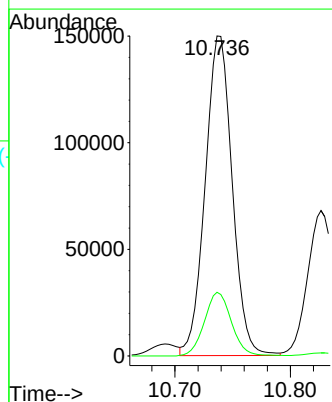
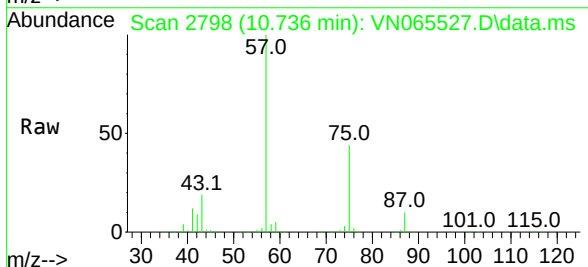
Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#13

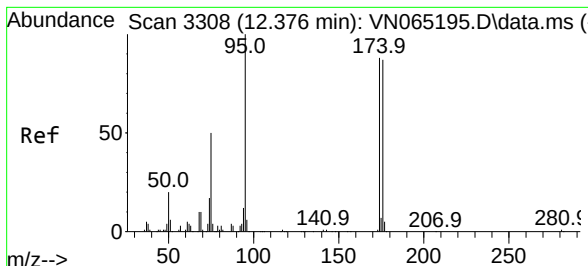
Tgt Ion: 76 Resp: 19201
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 113.66 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

Tgt Ion: 43 Resp: 243760
Ion Ratio Lower Upper
43 100
58 20.0 28.3 84.9#

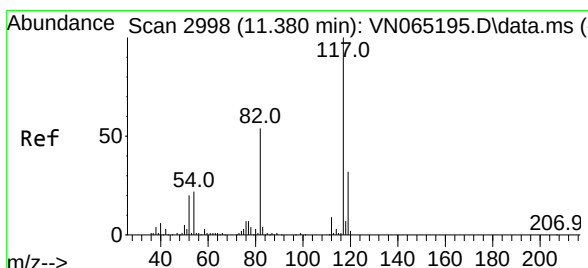
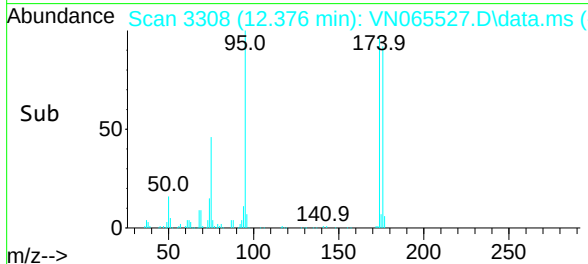
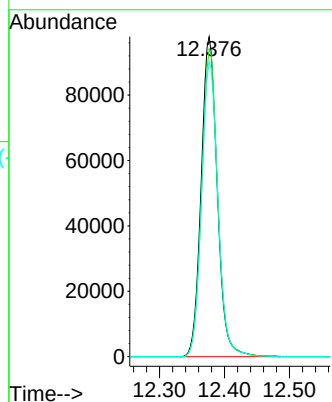
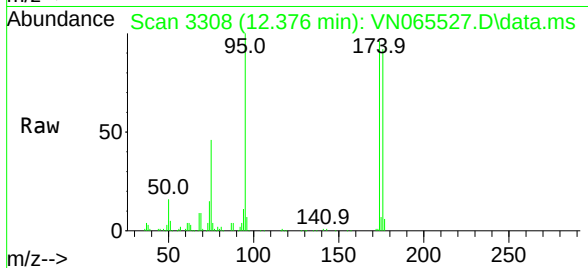




#62
4-Bromofluorobenzene
Concen: 55.91 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

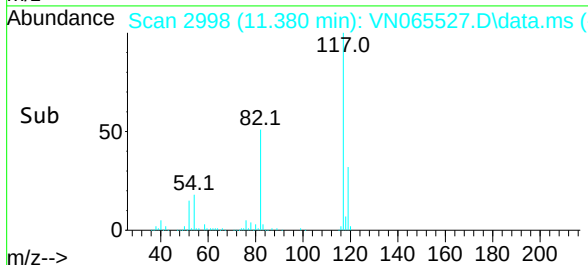
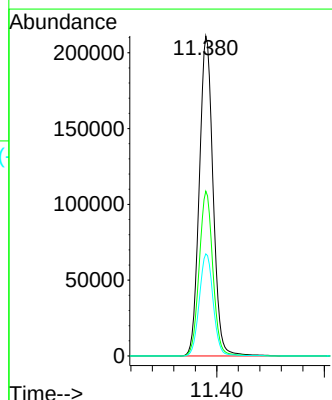
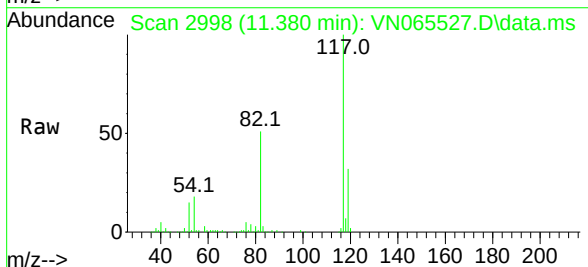
Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#13

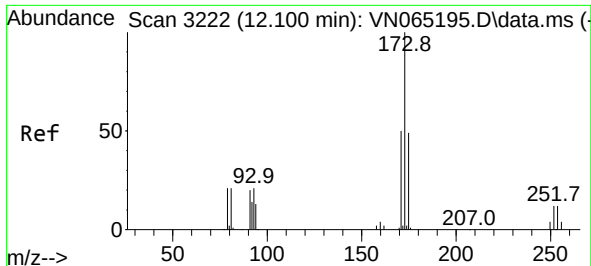
Tgt Ion: 95 Resp: 169008
Ion Ratio Lower Upper
95 100
174 96.5 0.0 160.4
176 93.5 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

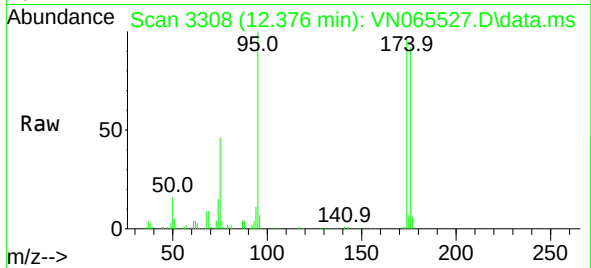
Tgt Ion: 117 Resp: 374318
Ion Ratio Lower Upper
117 100
82 51.5 44.2 66.2
119 31.9 25.8 38.6



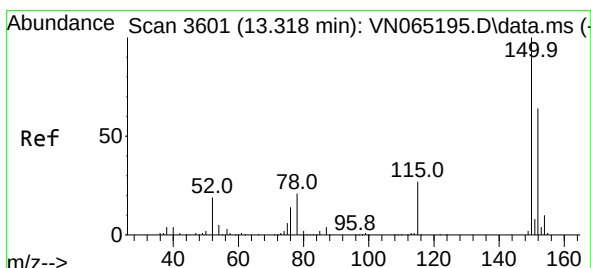
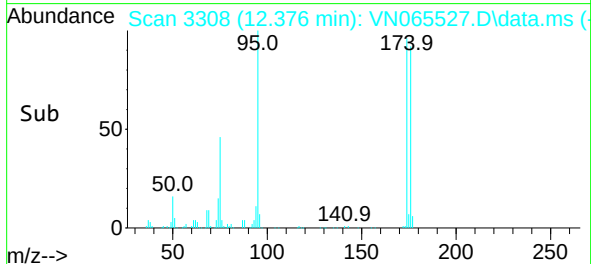
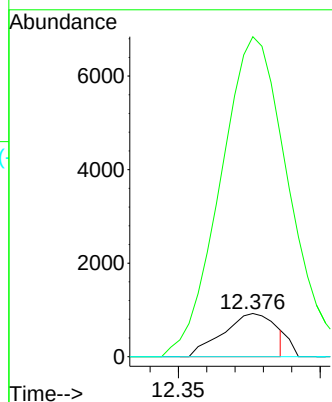


#71
Bromoform
Concen: 0.47 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#13

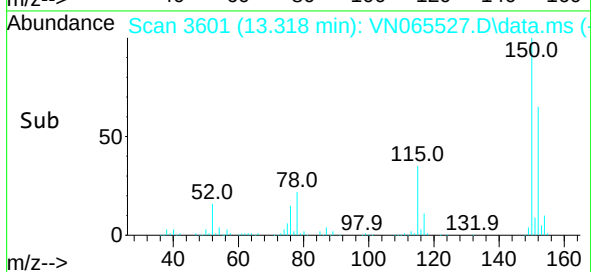
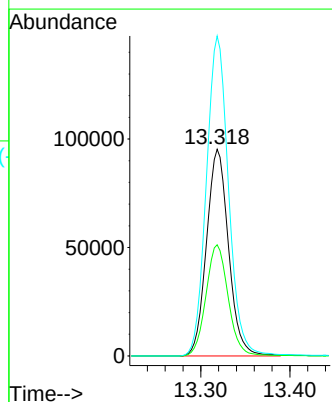
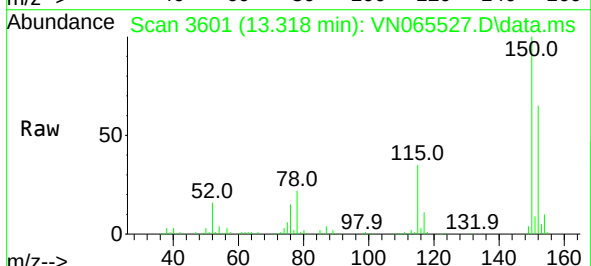


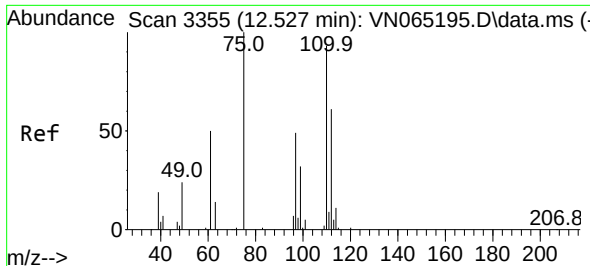
Tgt Ion:173 Resp: 1187
Ion Ratio Lower Upper
173 100
175 791.0 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

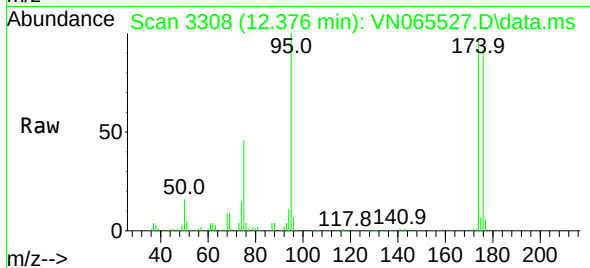
Tgt Ion:152 Resp: 163590
Ion Ratio Lower Upper
152 100
115 54.3 29.7 89.1
150 156.3 0.0 350.6



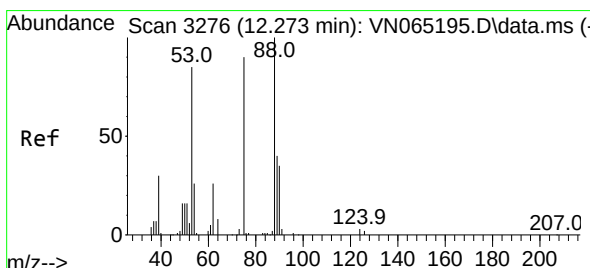
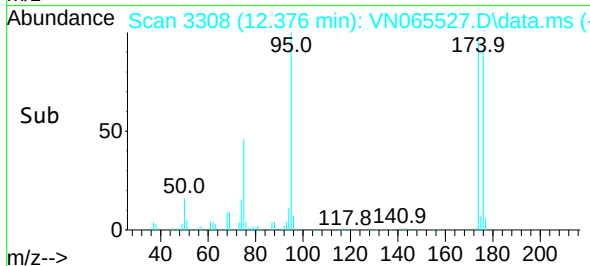
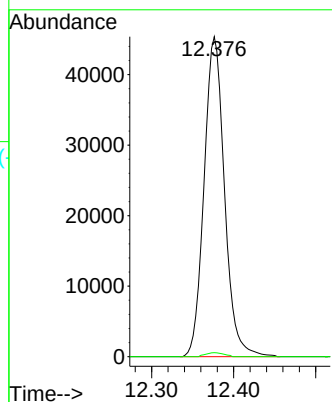


#76
1,2,3-Trichloropropane
Concen: 23.51 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

Instrument :
MSVOA_N
ClientSampleId :
PB134160ZHE#13

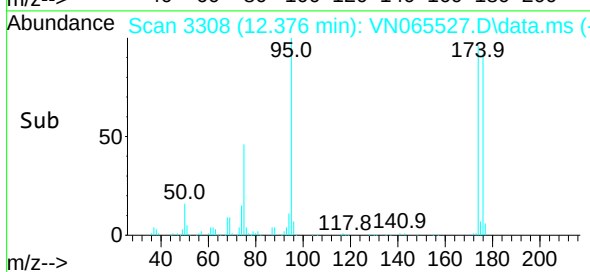
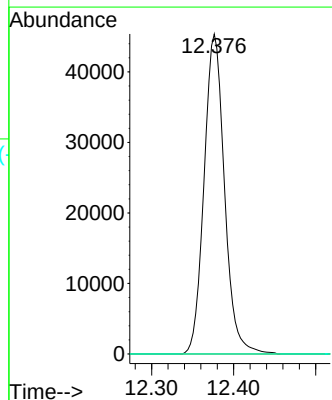
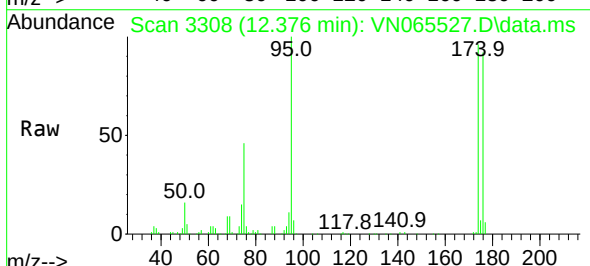


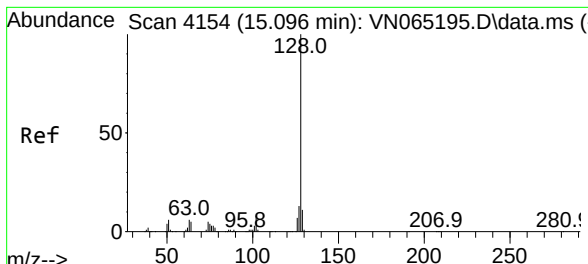
Tgt Ion: 75 Resp: 78478
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.29 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065527.D
Acq: 15 Jan 2021 17:12

Tgt Ion: 75 Resp: 78478
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: 15.122 min Scan# 4162
 Delta R.T. 0.026 min
 Lab File: VN065527.D
 Acq: 15 Jan 2021 17:12

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134160ZHE#13

Tgt Ion:	128	Resp:	90
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#

