

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010721\
 Data File : VN065426.D
 Acq On : 7 Jan 2021 14:50
 Operator : JC/MD
 Sample : M1025-01ME
 Misc : 5.75g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-010621

Quant Time: Jan 08 01:17:50 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)

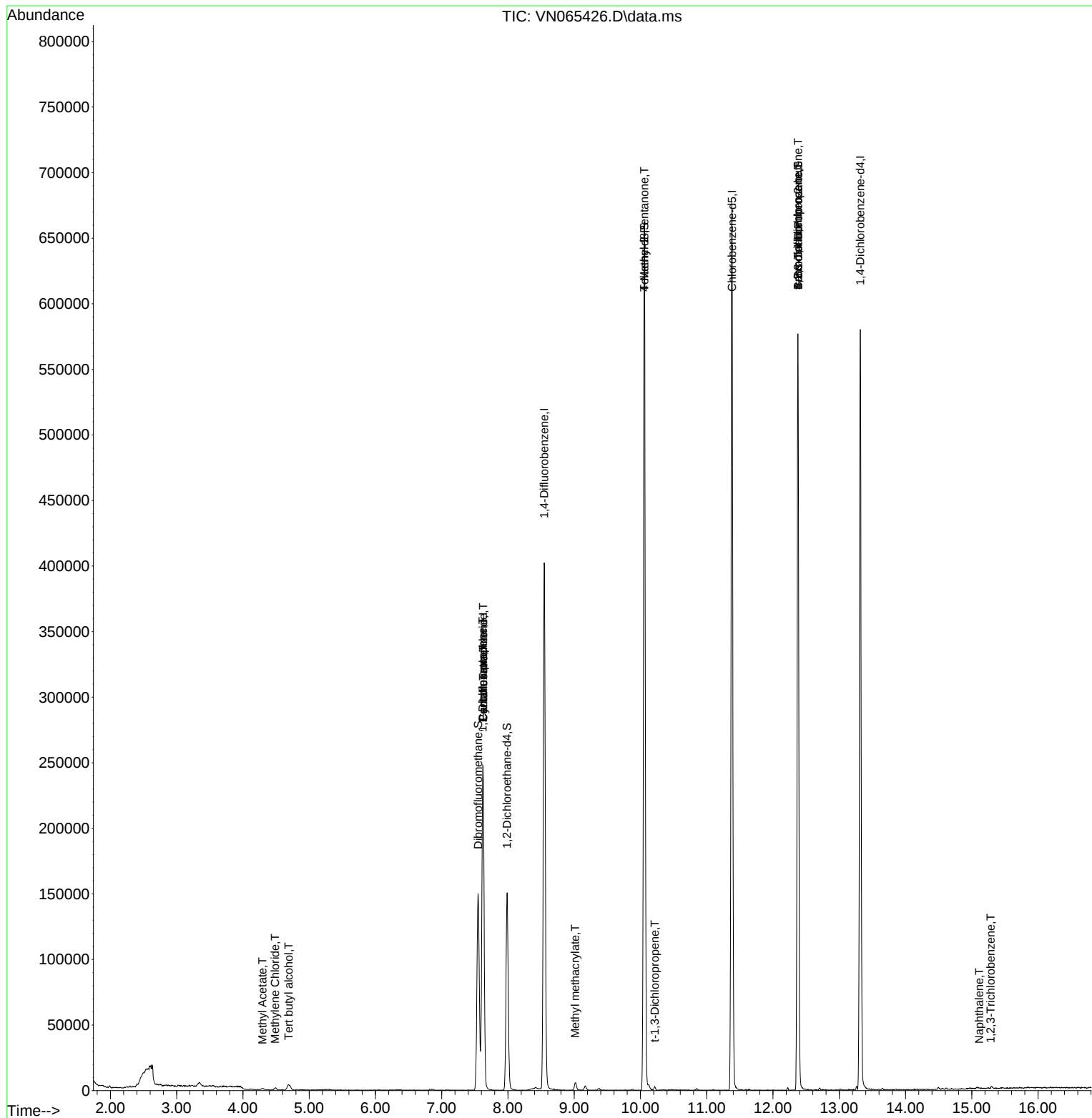
Internal Standards						
1) Pentafluorobenzene	7.624	168	228707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	384486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	418584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	171942	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	130382	50.50	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.00%			
35) Dibromofluoromethane	7.550	113	117105	50.48	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.96%			
50) Toluene-d8	10.058	98	479402	55.14	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.28%			
62) 4-Bromofluorobenzene	12.376	95	194393	55.87	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.74%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.689	59	4424	10.47	ug/l #	73
16) Acetone	3.779	43	124	Below Cal	#	43
18) Methyl Acetate	4.293	43	2339	1.01	ug/l #	63
20) Methylene Chloride	4.486	84	1222	0.49	ug/l #	81
31) Cyclohexane	7.624	56	3539	0.93	ug/l #	1
36) 1,1-Dichloropropene	7.618	75	14922	4.27	ug/l #	49
38) Carbon Tetrachloride	7.624	117	19256	5.24	ug/l #	16
48) Methyl methacrylate	9.016	41	867	0.30	ug/l #	28
51) 4-Methyl-2-Pentanone	10.058	43	2272	0.68	ug/l #	1
53) t-1,3-Dichloropropene	10.216	75	1522	0.35	ug/l #	42
71) Bromoform	12.376	173	1187	0.42	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	94934	27.06	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	94934	68.24	ug/l #	15
95) Naphthalene	15.113	128	721	3.45	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.286	180	60	3.24	ug/l #	12

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

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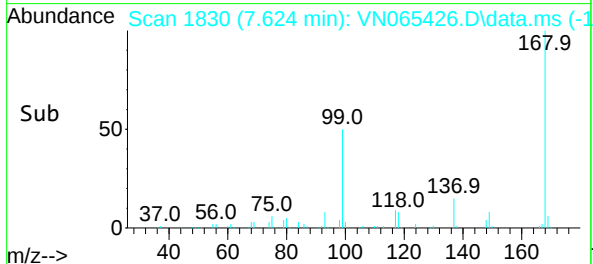
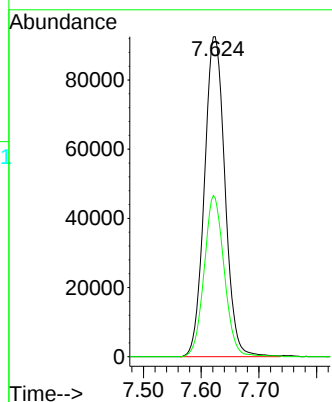
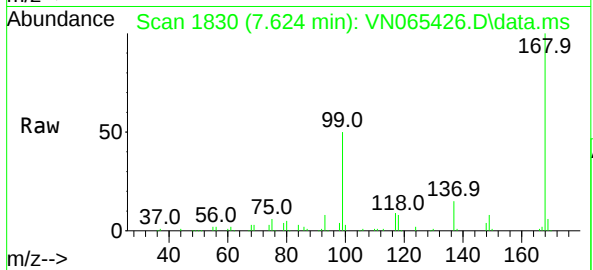




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.003 min
Lab File: VN065426.D
Acq: 7 Jan 2021 14:50

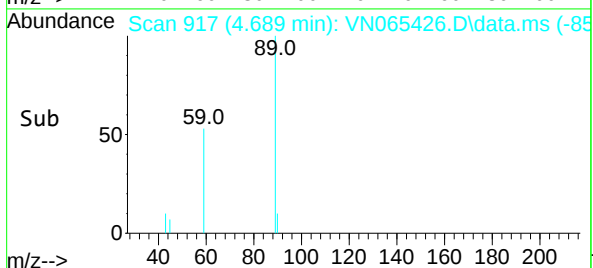
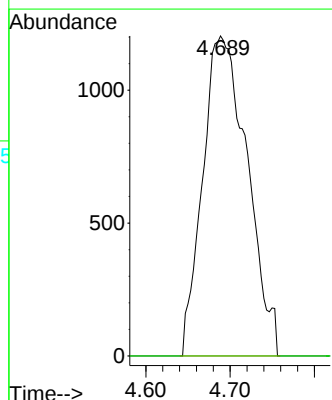
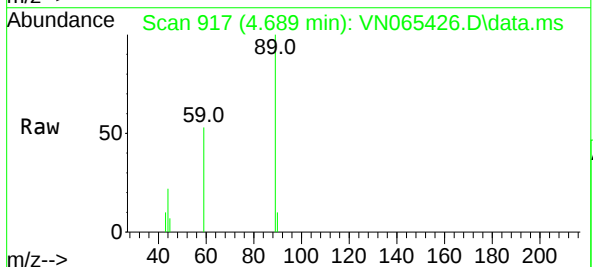
Instrument :
MSVOA_N
ClientSampleId :
HD-01-010621

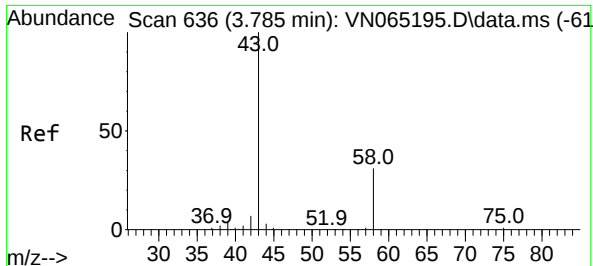
Tgt Ion:168 Resp: 228707
Ion Ratio Lower Upper
168 100
99 49.6 43.0 64.4



#11
Tert butyl alcohol
Concen: 10.47 ug/l
RT: 4.689 min Scan# 917
Delta R.T. -0.083 min
Lab File: VN065426.D
Acq: 7 Jan 2021 14:50

Tgt Ion: 59 Resp: 4424
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

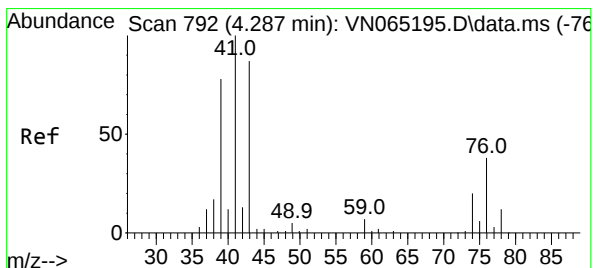
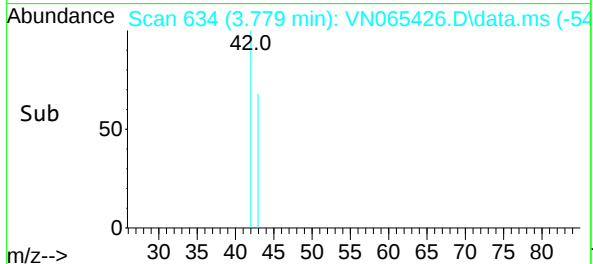
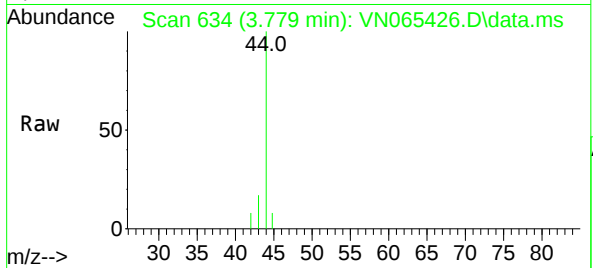




#16
Acetone
Concen: Below Cal
RT: 3.779 min Scan# 634
Delta R.T. -0.006 min
Lab File: VN065426.D
Acq: 7 Jan 2021 14:50

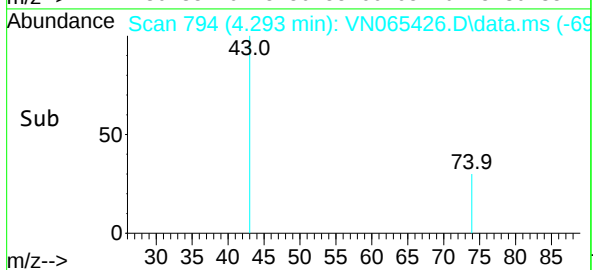
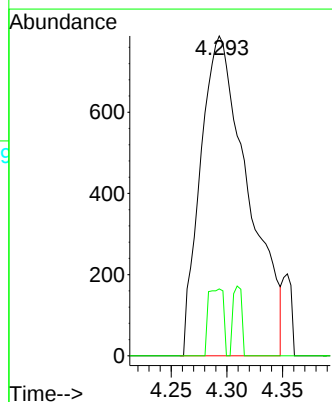
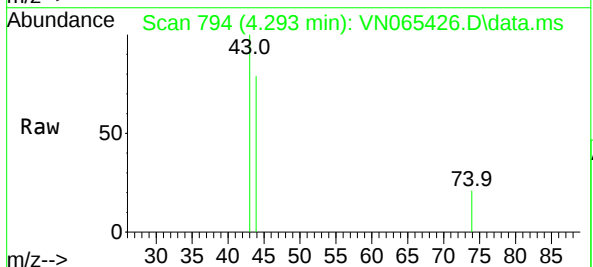
Instrument :
MSVOA_N
ClientSampled :
HD-01-010621

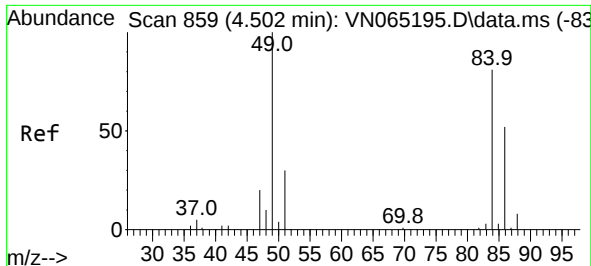
Tgt Ion: 43 Resp: 124
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#18
Methyl Acetate
Concen: 1.01 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.006 min
Lab File: VN065426.D
Acq: 7 Jan 2021 14:50

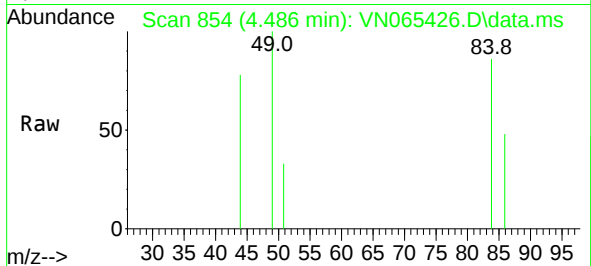
Tgt Ion: 43 Resp: 2339
Ion Ratio Lower Upper
43 100
74 6.6 20.2 30.2#





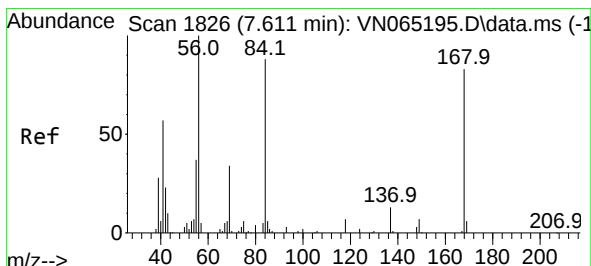
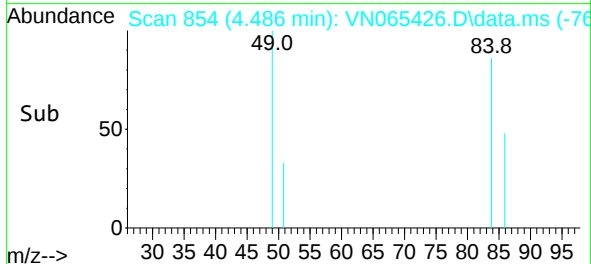
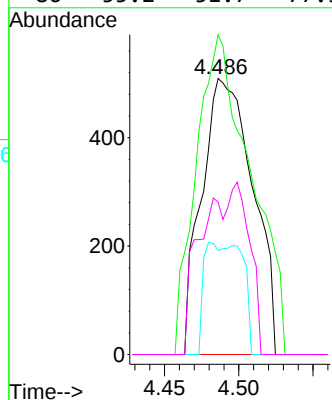
#20
Methylene Chloride
Concen: 0.49 ug/l
RT: 4.486 min Scan# 854
Delta R.T. -0.016 min
Lab File: VN065426.D
Acq: 7 Jan 2021 14:50

Instrument :
MSVOA_N
ClientSampleId :
HD-01-010621

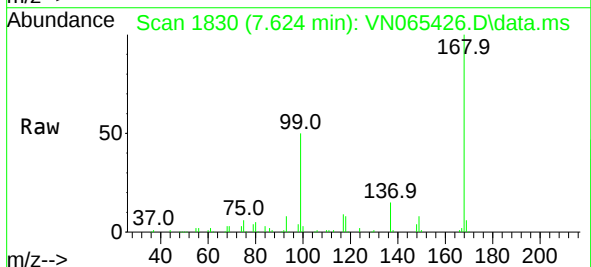


Tgt Ion: 84 Resp: 1222

Ion	Ratio	Lower	Upper
84	100		
49	86.1	93.4	140.0#
51	37.7	28.2	42.4
86	55.2	51.7	77.5

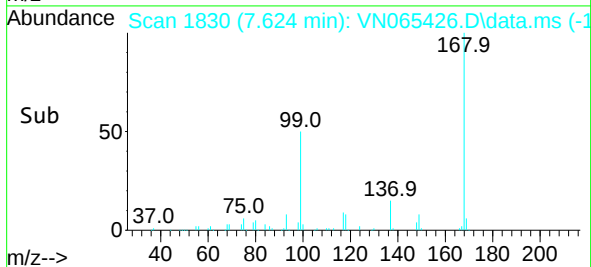
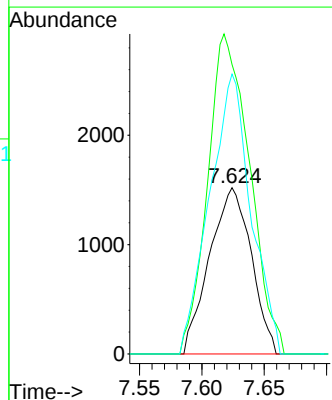


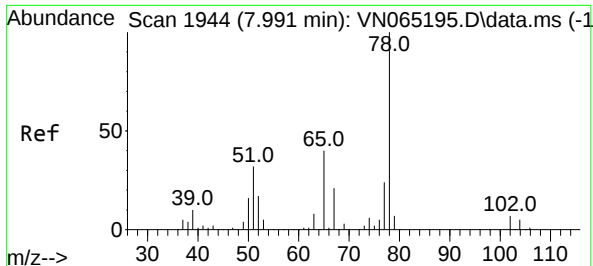
#31
Cyclohexane
Concen: 0.93 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065426.D
Acq: 7 Jan 2021 14:50



Tgt Ion: 56 Resp: 3539

Ion	Ratio	Lower	Upper
56	100		
69	174.1	27.5	41.3#
84	168.3	73.9	110.9#

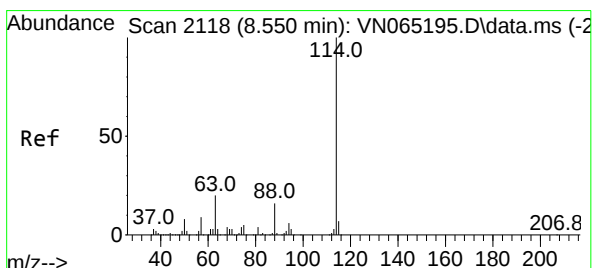
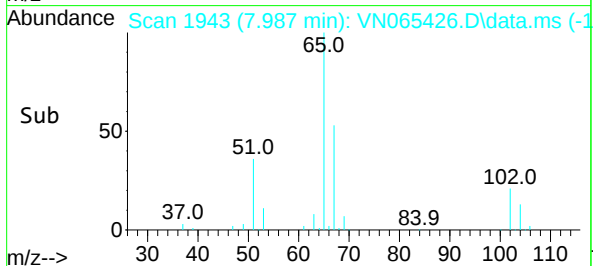
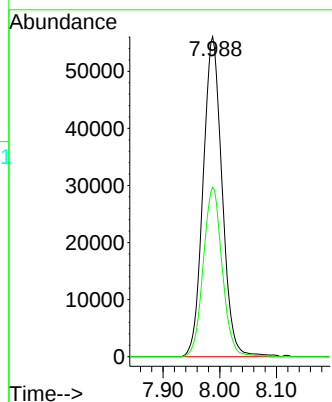
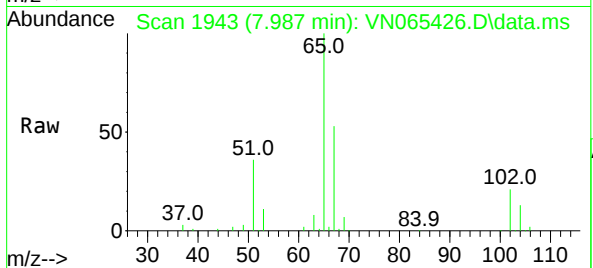




#33
1,2-Dichloroethane-d4
Concen: 50.50 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. -0.003 min
Lab File: VN065426.D
Acq: 7 Jan 2021 14:50

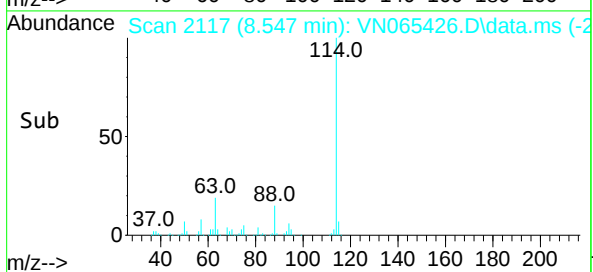
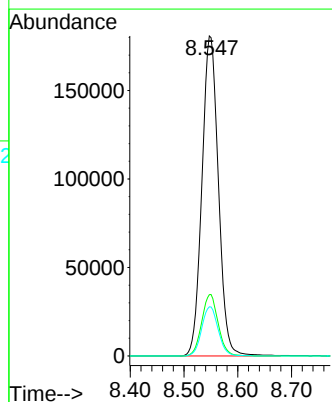
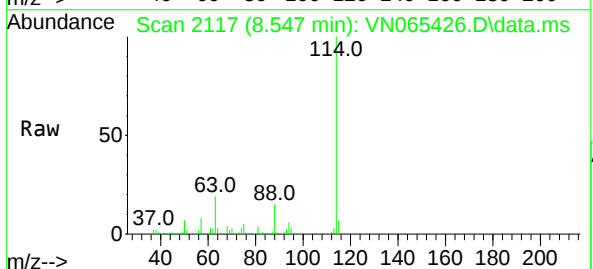
Instrument :
MSVOA_N
ClientSampleId :
HD-01-010621

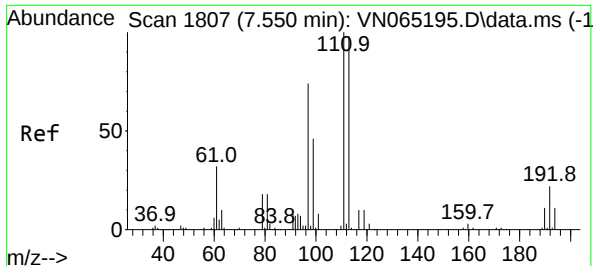
Tgt Ion: 65 Resp: 130382
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065426.D
Acq: 7 Jan 2021 14:50

Tgt Ion: 114 Resp: 384486
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.6
88 15.4 0.0 32.6

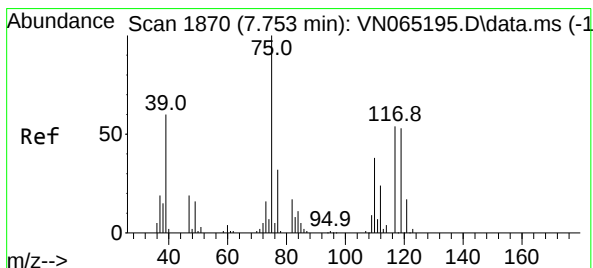
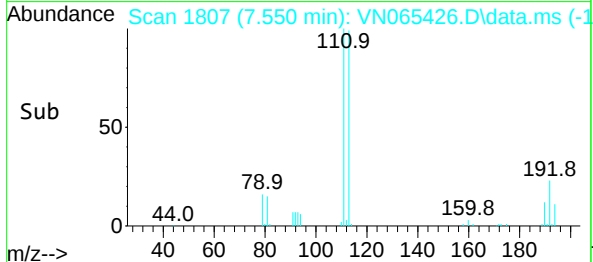
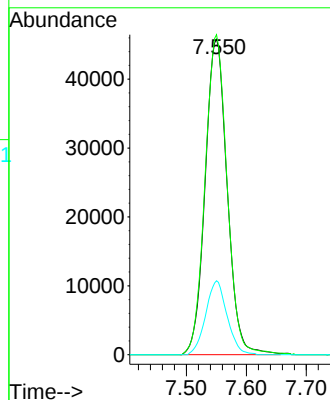
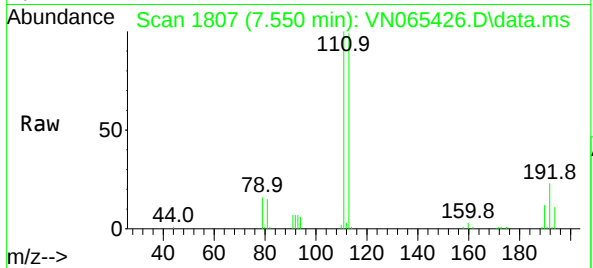




#35
Dibromofluoromethane
Concen: 50.48 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065426.D
Acq: 7 Jan 2021 14:50

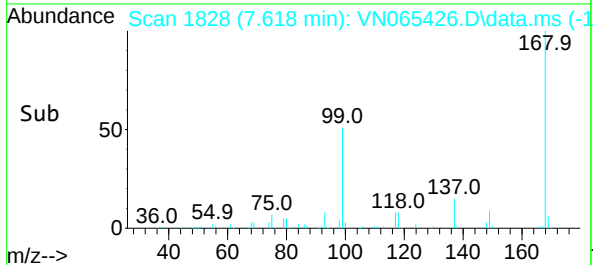
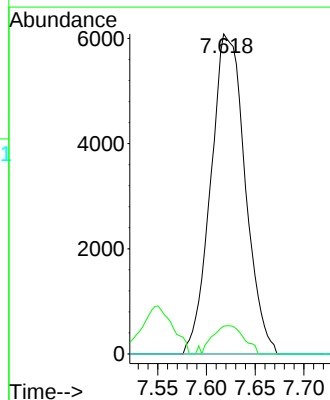
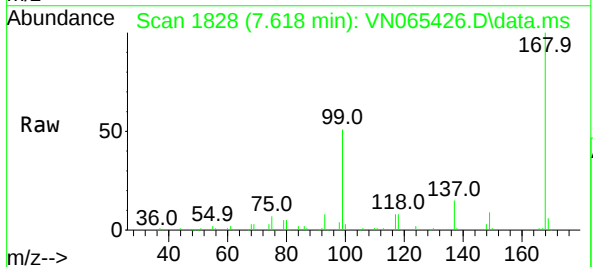
Instrument :
MSVOA_N
ClientSampleId :
HD-01-010621

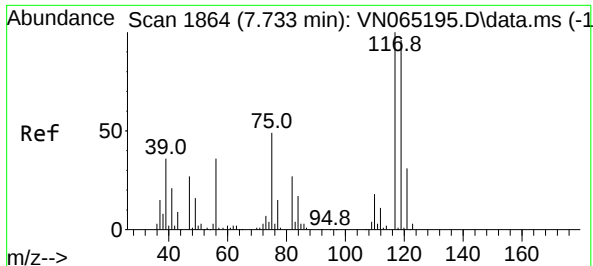
Tgt Ion:113 Resp: 117105
Ion Ratio Lower Upper
113 100
111 101.5 81.6 122.4
192 22.7 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.27 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. -0.135 min
Lab File: VN065426.D
Acq: 7 Jan 2021 14:50

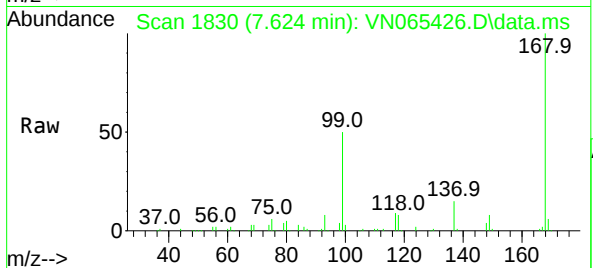
Tgt Ion: 75 Resp: 14922
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.3#
77 0.0 25.0 37.4#



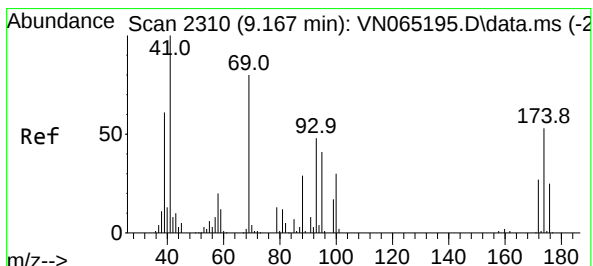
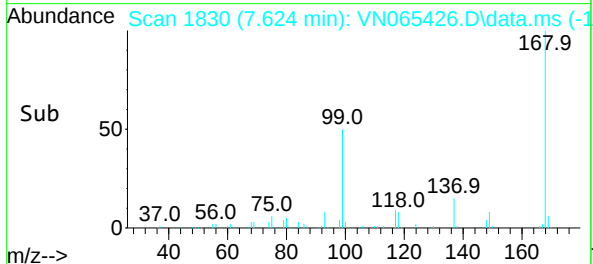
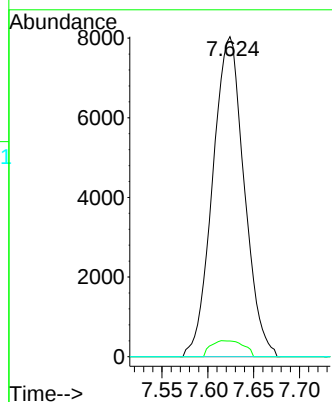


#38
Carbon Tetrachloride
Concen: 5.24 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.109 min
Lab File: VN065426.D
Acq: 7 Jan 2021 14:50

Instrument :
MSVOA_N
ClientSampleId :
HD-01-010621

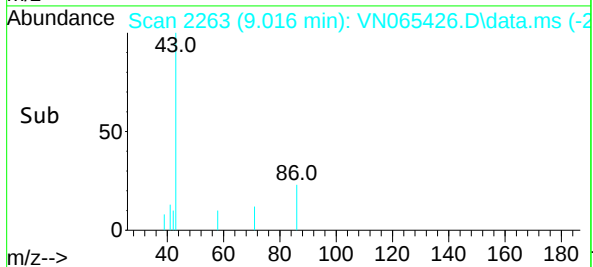
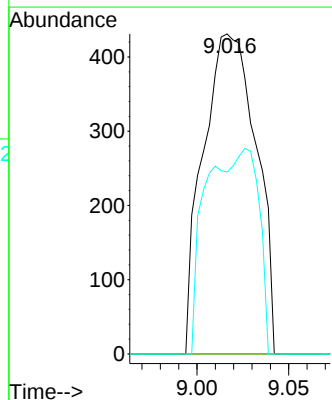
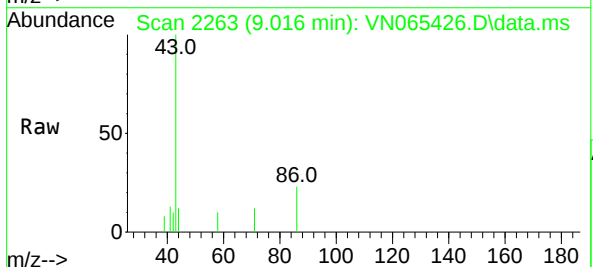


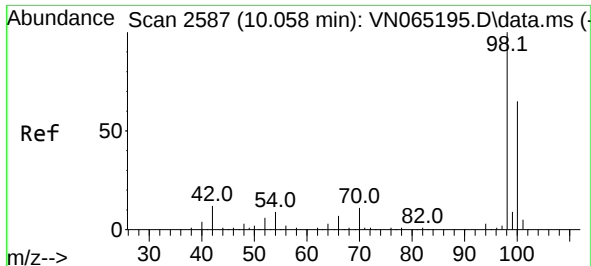
Tgt Ion:117 Resp: 19256
Ion Ratio Lower Upper
117 100
119 4.9 76.7 115.1#
121 0.0 25.4 38.2#



#48
Methyl methacrylate
Concen: 0.30 ug/l
RT: 9.016 min Scan# 2263
Delta R.T. -0.151 min
Lab File: VN065426.D
Acq: 7 Jan 2021 14:50

Tgt Ion: 41 Resp: 867
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 31.0 44.1 66.1#

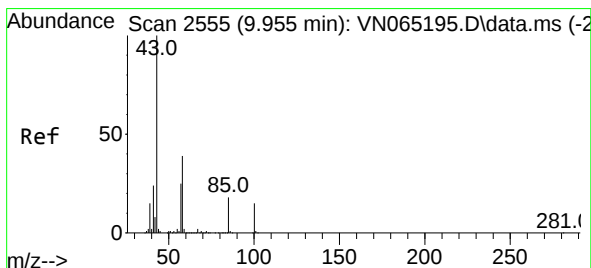
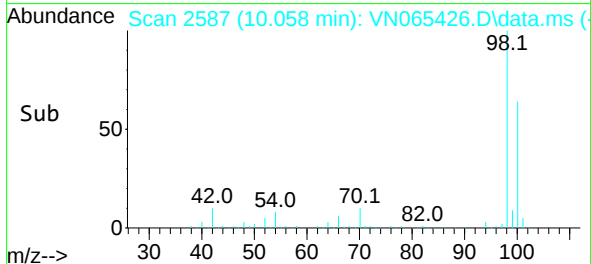
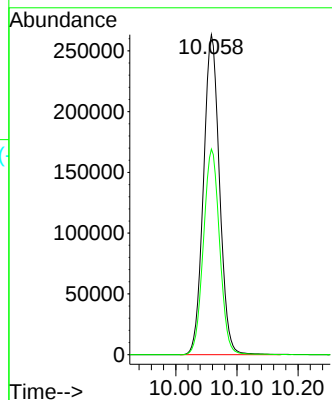
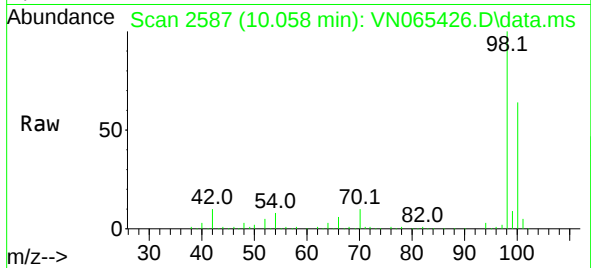




#50
Toluene-d8
Concen: 55.14 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065426.D
Acq: 7 Jan 2021 14:50

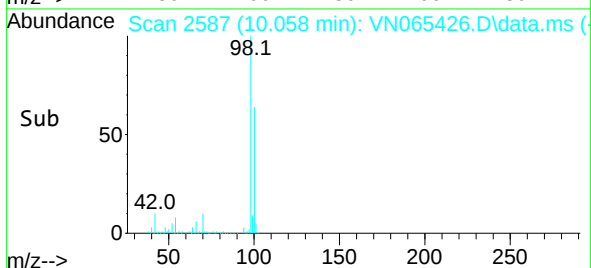
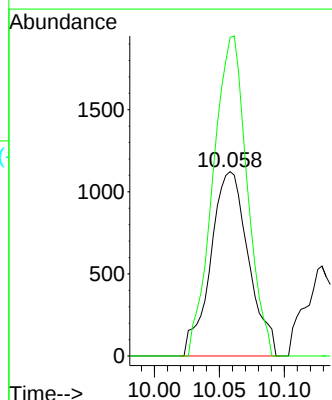
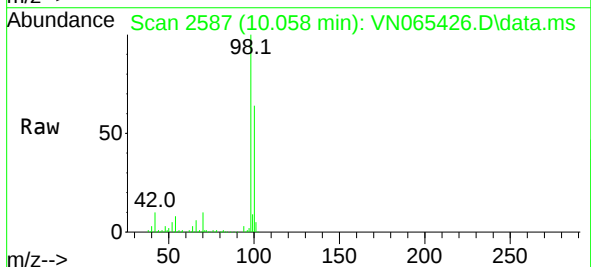
Instrument :
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HD-01-010621

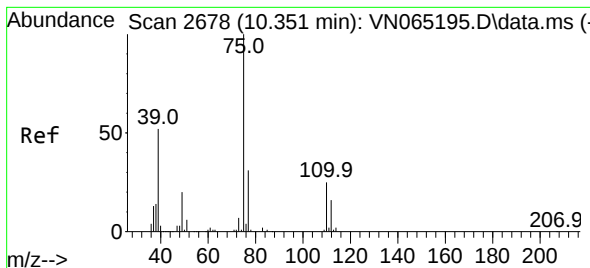
Tgt Ion: 98 Resp: 479402
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.68 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.103 min
Lab File: VN065426.D
Acq: 7 Jan 2021 14:50

Tgt Ion: 43 Resp: 2272
Ion Ratio Lower Upper
43 100
58 156.2 32.4 48.6#

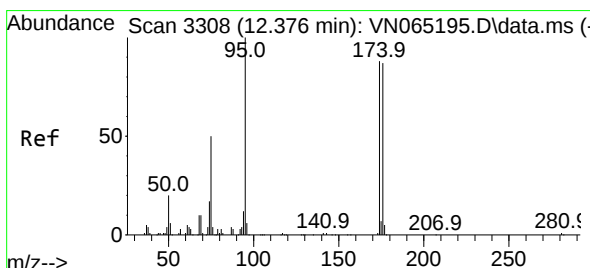
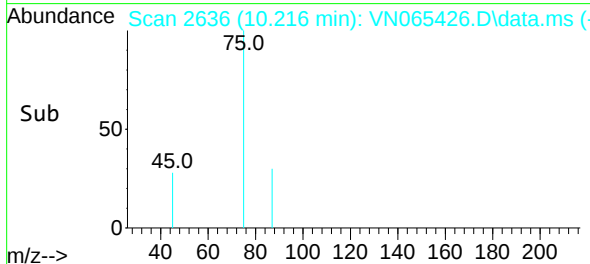
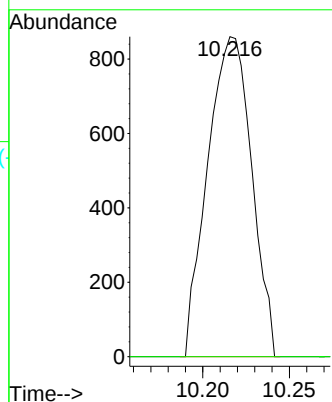
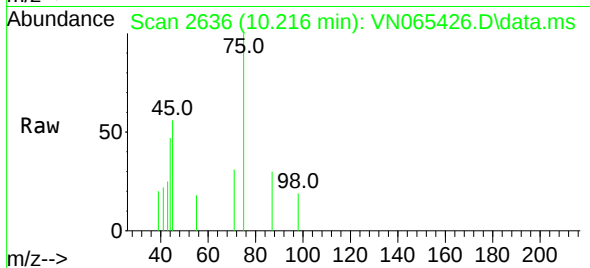




#53
t-1,3-Dichloropropene
Concen: 0.35 ug/l
RT: 10.216 min Scan# 2636
Delta R.T. -0.135 min
Lab File: VN065426.D
Acq: 7 Jan 2021 14:50

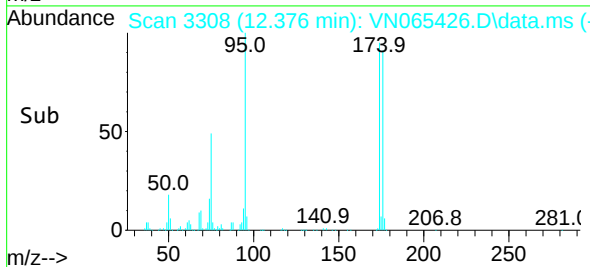
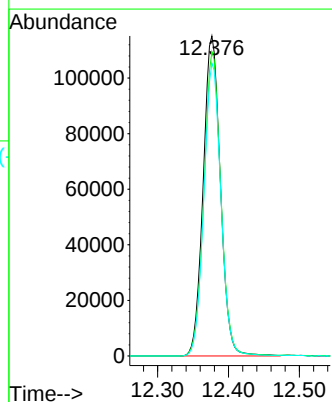
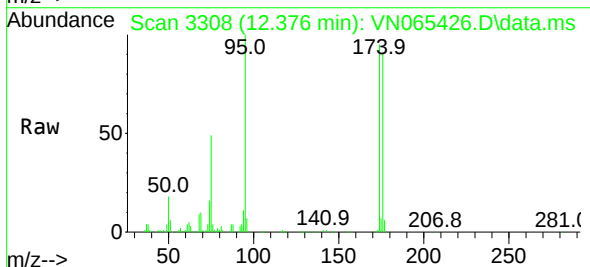
Instrument :
MSVOA_N
ClientSampleId :
HD-01-010621

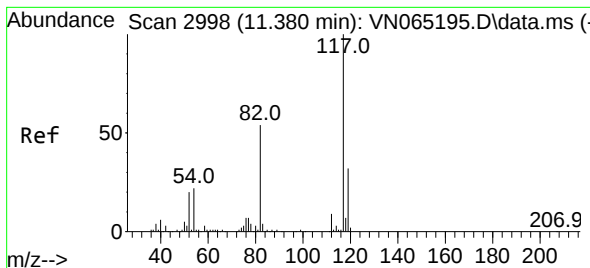
Tgt Ion: 75 Resp: 1522
Ion Ratio Lower Upper
75 100
77 0.0 25.8 38.6#



#62
4-Bromofluorobenzene
Concen: 55.87 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065426.D
Acq: 7 Jan 2021 14:50

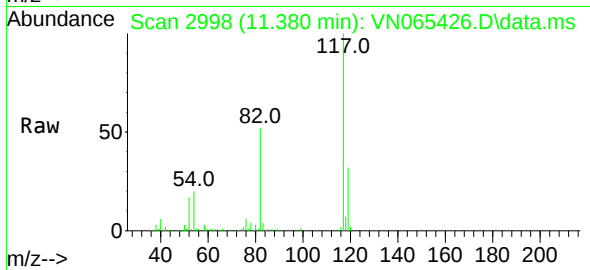
Tgt Ion: 95 Resp: 194393
Ion Ratio Lower Upper
95 100
174 93.9 0.0 160.4
176 90.6 0.0 158.4



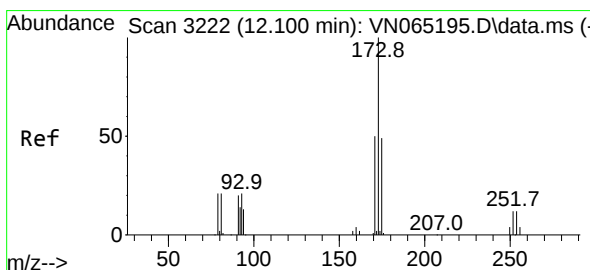
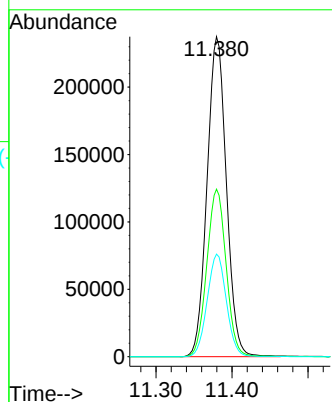
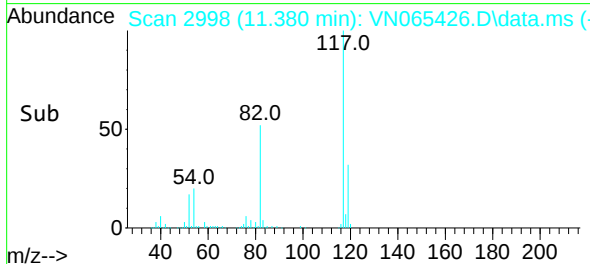


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065426.D
Acq: 7 Jan 2021 14:50

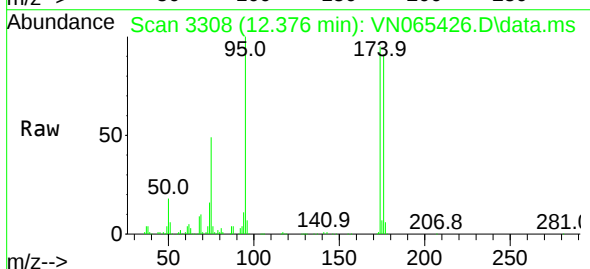
Instrument :
MSVOA_N
ClientSampleId :
HD-01-010621



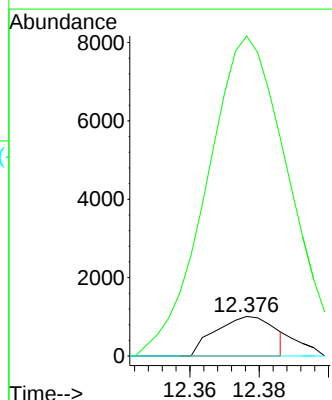
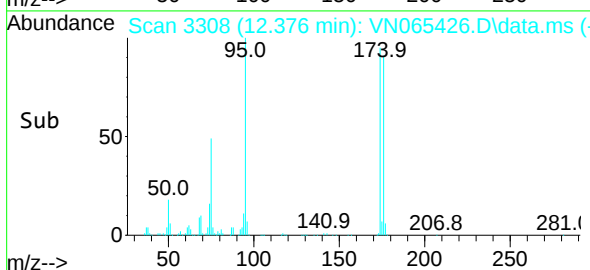
Tgt Ion:117 Resp: 418584
Ion Ratio Lower Upper
117 100
82 52.4 44.2 66.2
119 32.0 25.8 38.6

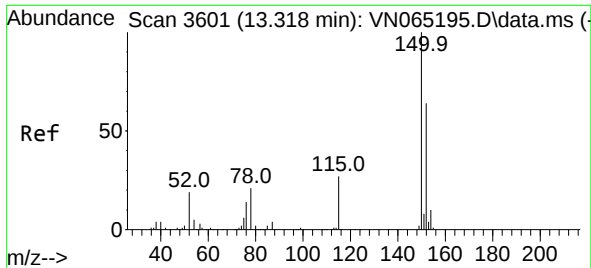


#71
Bromoform
Concen: 0.42 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065426.D
Acq: 7 Jan 2021 14:50



Tgt Ion:173 Resp: 1187
Ion Ratio Lower Upper
173 100
175 940.9 24.3 72.8#
254 0.0 0.0 0.0

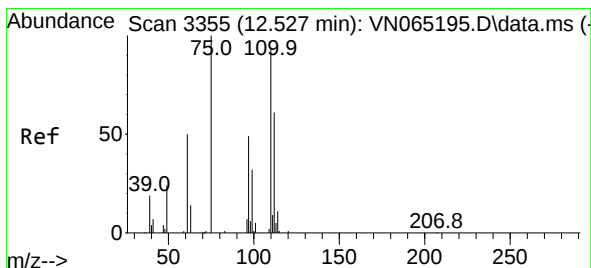
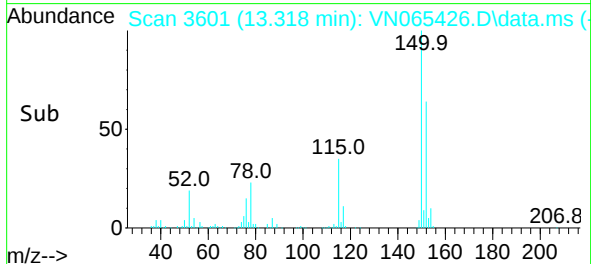
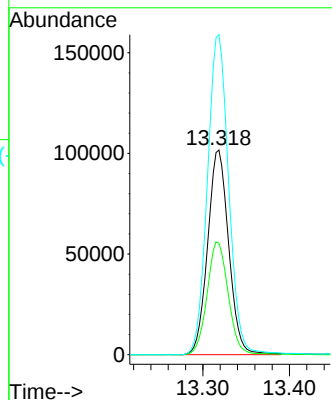
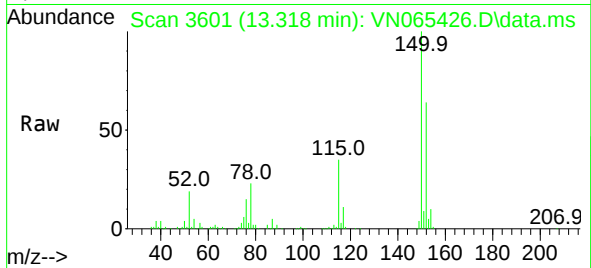




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065426.D
Acq: 7 Jan 2021 14:50

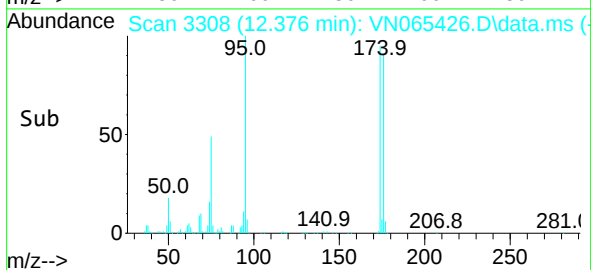
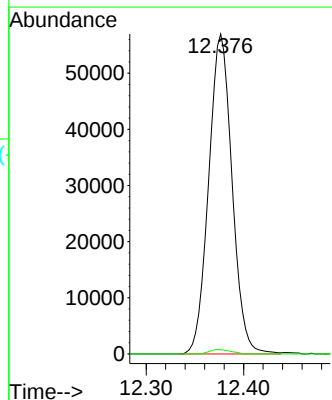
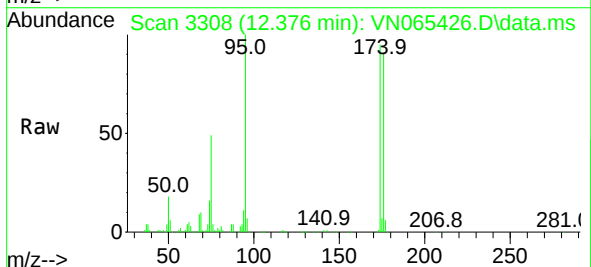
Instrument :
MSVOA_N
ClientSampleId :
HD-01-010621

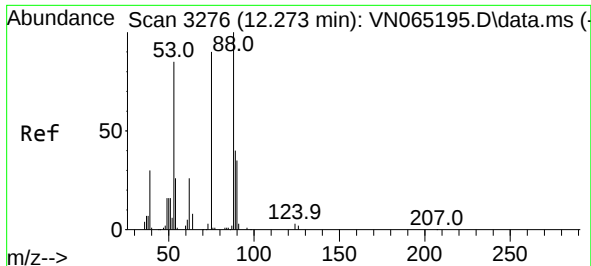
Tgt Ion:152 Resp: 171942
Ion Ratio Lower Upper
152 100
115 55.4 29.7 89.1
150 158.4 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 27.06 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065426.D
Acq: 7 Jan 2021 14:50

Tgt Ion: 75 Resp: 94934
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

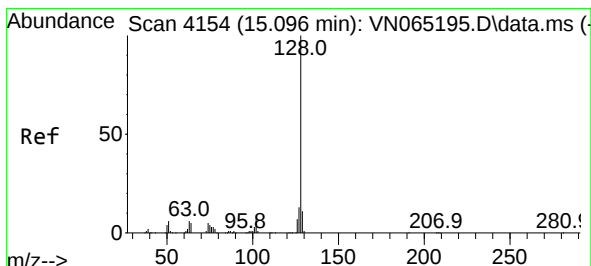
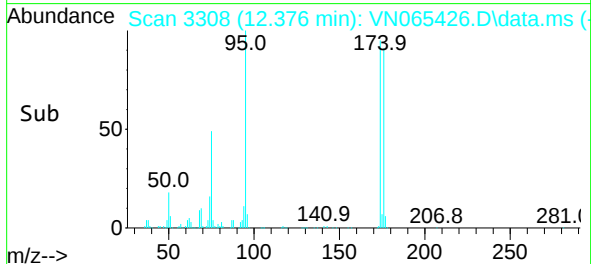
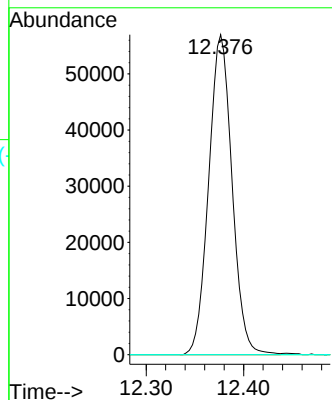
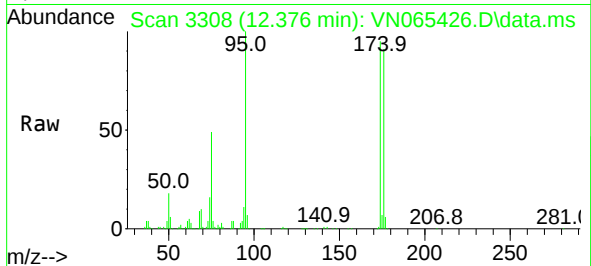




#81
trans-1,4-Dichloro-2-butene
Concen: 68.24 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065426.D
Acq: 7 Jan 2021 14:50

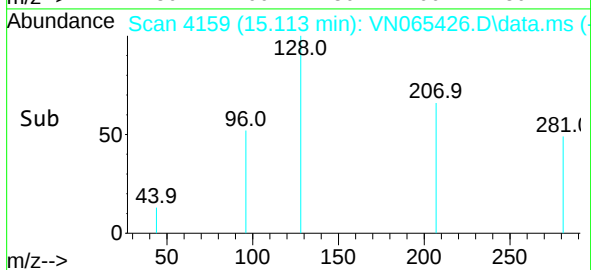
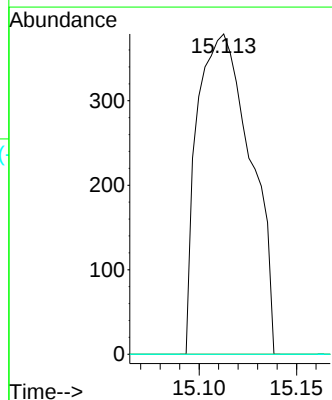
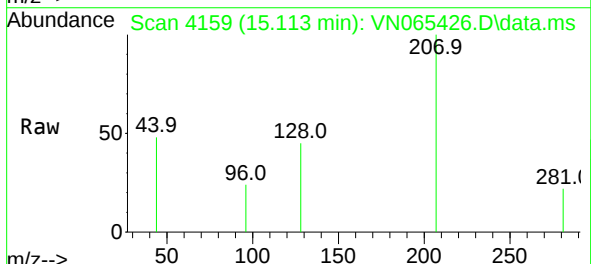
Instrument :
MSVOA_N
ClientSampleId :
HD-01-010621

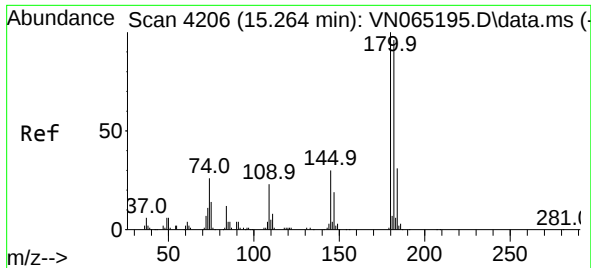
Tgt Ion: 75 Resp: 94934
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#95
Naphthalene
Concen: 3.45 ug/l
RT: 15.113 min Scan# 4159
Delta R.T. 0.017 min
Lab File: VN065426.D
Acq: 7 Jan 2021 14:50

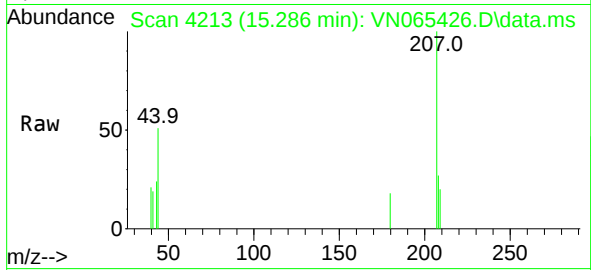
Tgt Ion: 128 Resp: 721
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.24 ug/l
 RT: 15.286 min Scan# 4213
 Delta R.T. 0.022 min
 Lab File: VN065426.D
 Acq: 7 Jan 2021 14:50

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-010621



Tgt Ion:180 Resp: 60
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.1 144.4#
 145 0.0 16.4 49.1#

