

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010821\
 Data File : VN065439.D
 Acq On : 8 Jan 2021 13:16
 Operator : JC/MD
 Sample : VN0108WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108WBL01

Quant Time: Jan 08 22:45:26 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)

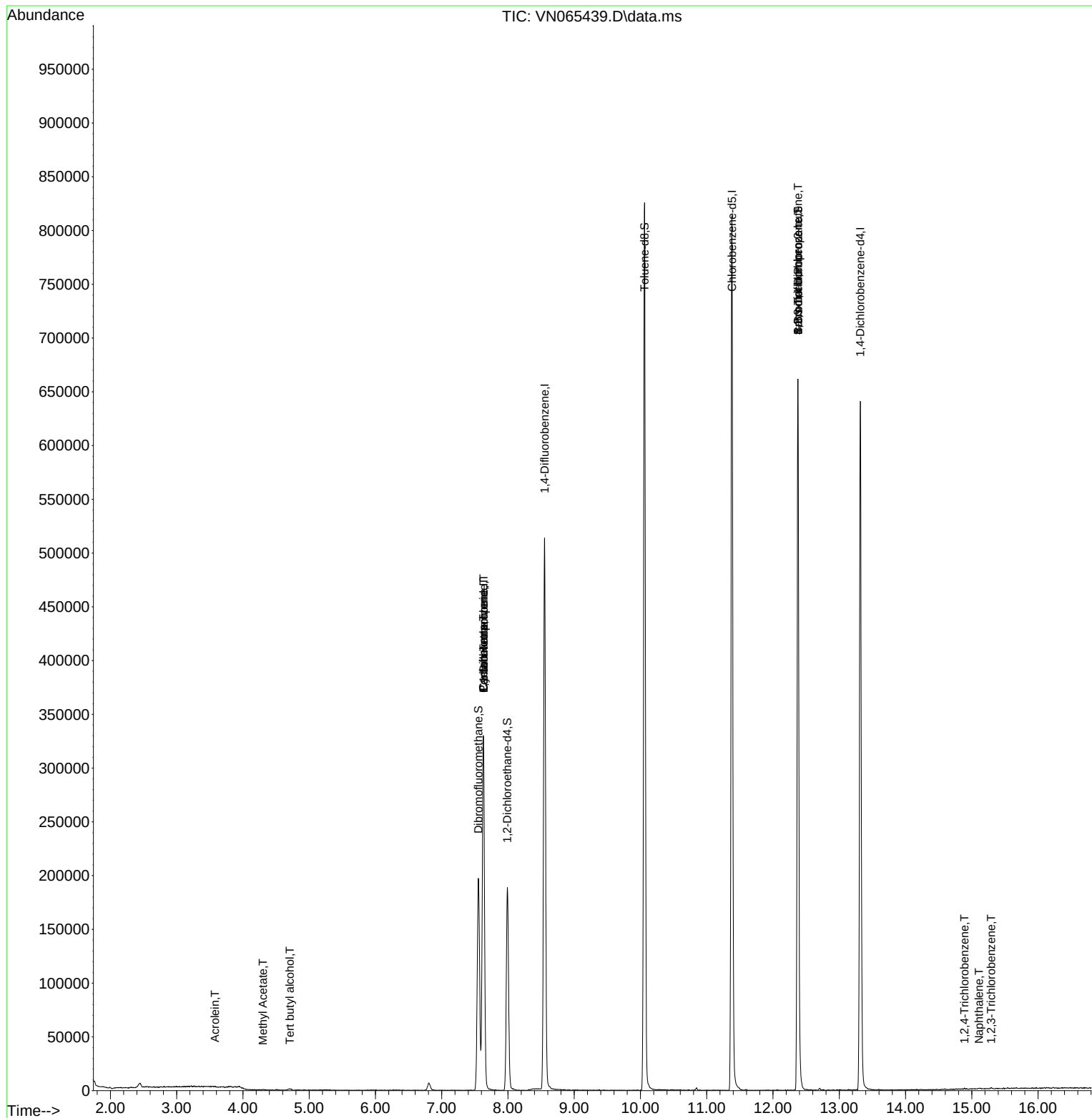
Internal Standards						
1) Pentafluorobenzene	7.630	168	299769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	493927	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	515445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	202326	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	169538	50.10	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.20%			
35) Dibromofluoromethane	7.553	113	151887	50.97	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.94%			
50) Toluene-d8	10.061	98	602087	53.91	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.82%			
62) 4-Bromofluorobenzene	12.376	95	231279	52.12	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.24%			
Target Compounds						
11) Tert butyl alcohol	4.708	59	1193	2.15	ug/l #	73
13) Acrolein	3.579	56	60	2.57	ug/l #	64
16) Acetone	3.788	43	409	Below Cal	#	43
18) Methyl Acetate	4.303	43	1101	0.36	ug/l #	50
31) Cyclohexane	7.627	56	4970	0.99	ug/l #	1
36) 1,1-Dichloropropene	7.630	75	19165	4.27	ug/l #	50
38) Carbon Tetrachloride	7.630	117	25366	5.38	ug/l #	16
71) Bromoform	12.376	173	1334	0.38	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	115467	27.97	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	115467	70.54	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.887	180	185	2.88	ug/l #	66
95) Naphthalene	15.109	128	1226	3.48	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.292	180	376	3.32	ug/l #	77

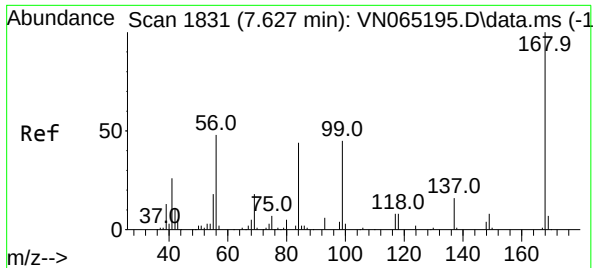
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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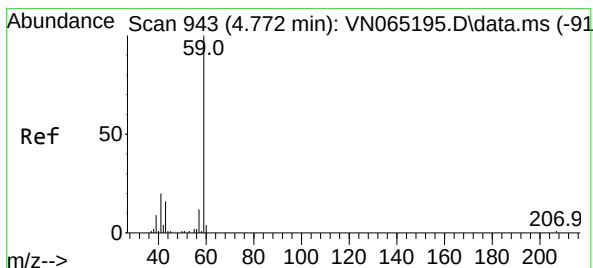
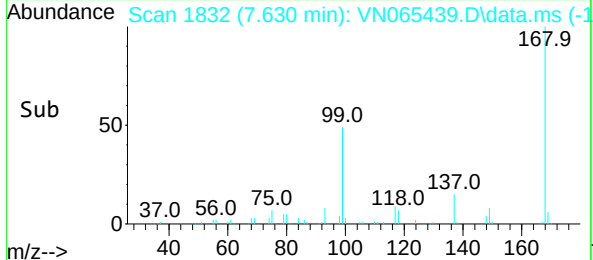
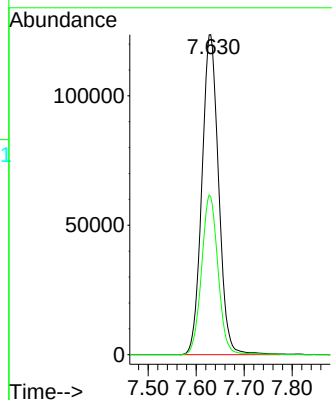
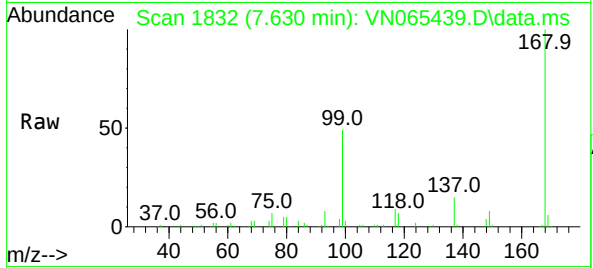




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065439.D
Acq: 8 Jan 2021 13:16

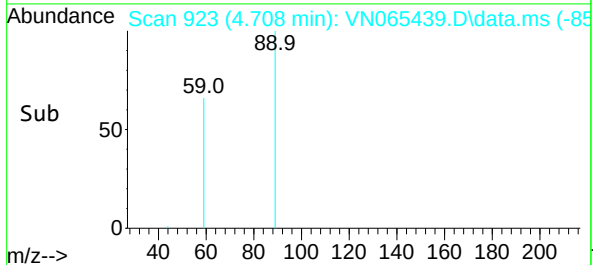
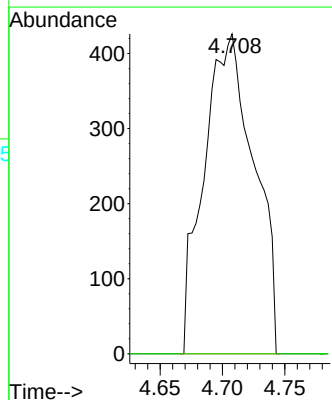
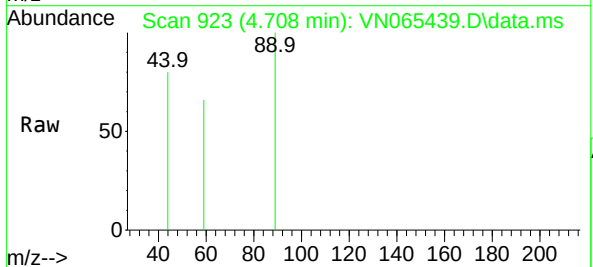
Instrument :
MSVOA_N
ClientSampleId :
VN0108WBL01

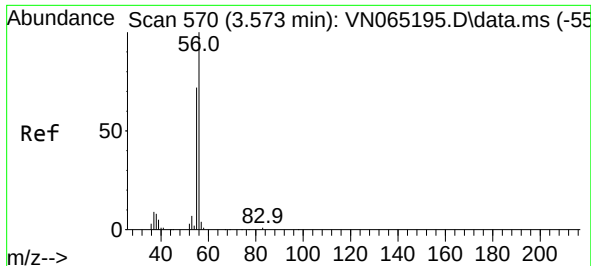
Tgt Ion:168 Resp: 299769
Ion Ratio Lower Upper
168 100
99 49.3 43.0 64.4



#11
Tert butyl alcohol
Concen: 2.15 ug/l
RT: 4.708 min Scan# 923
Delta R.T. -0.064 min
Lab File: VN065439.D
Acq: 8 Jan 2021 13:16

Tgt Ion: 59 Resp: 1193
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

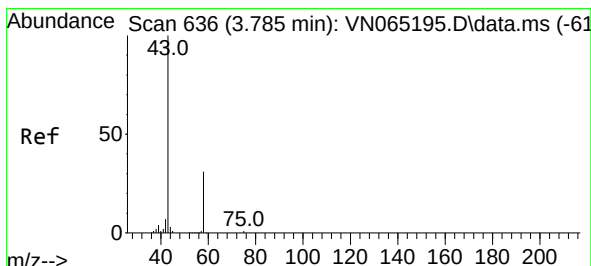
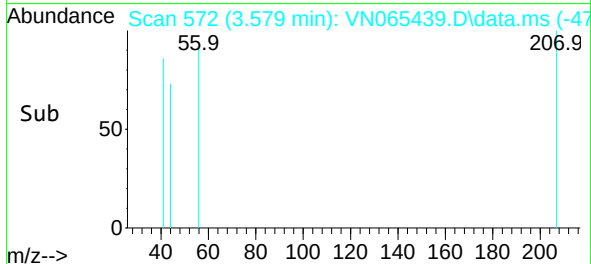
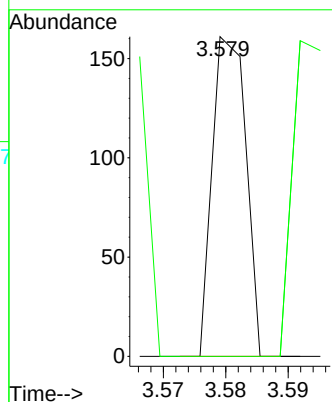
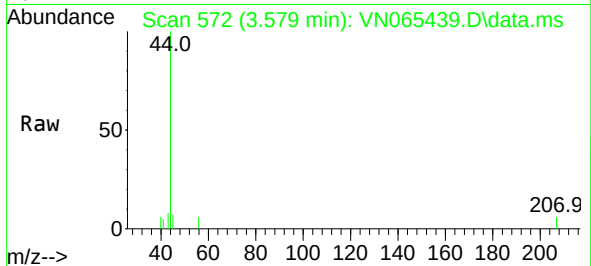




#13
Acrolein
Concen: 2.57 ug/l
RT: 3.579 min Scan# 572
Delta R.T. 0.006 min
Lab File: VN065439.D
Acq: 8 Jan 2021 13:16

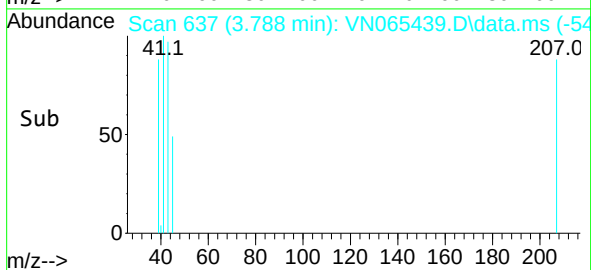
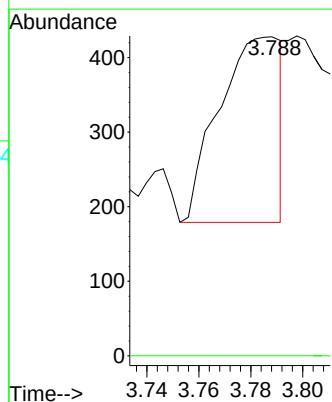
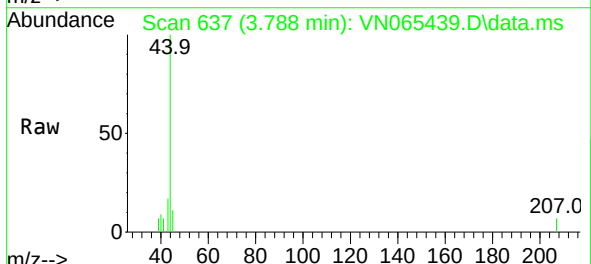
Instrument :
MSVOA_N
ClientSampleId :
VN0108WBL01

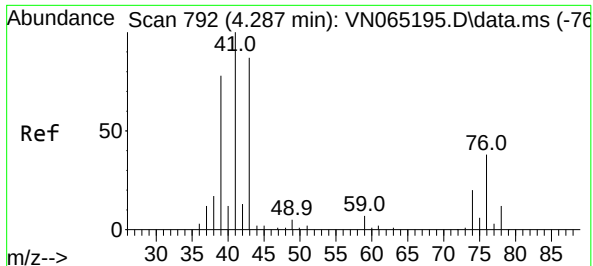
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 100.0 56.5 84.7#



#16
Acetone
Concen: Below Cal
RT: 3.788 min Scan# 637
Delta R.T. 0.003 min
Lab File: VN065439.D
Acq: 8 Jan 2021 13:16

Tgt Ion: 43 Resp: 409
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#





#18

Methyl Acetate

Concen: 0.36 ug/l

RT: 4.303 min Scan# 797

Delta R.T. 0.016 min

Lab File: VN065439.D

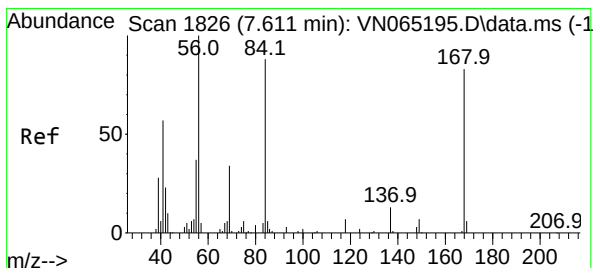
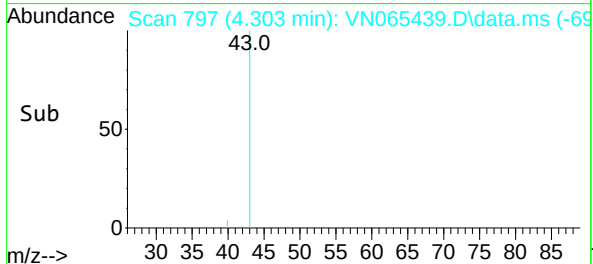
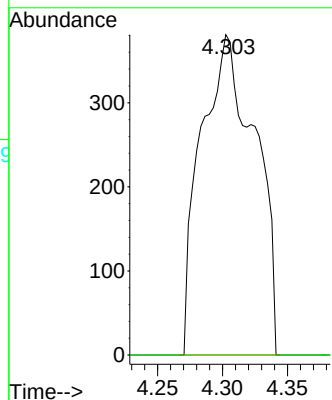
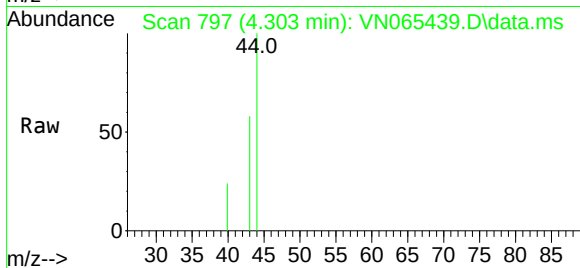
Acq: 8 Jan 2021 13:16

Tgt Ion: 43 Resp: 1101

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#



#31

Cyclohexane

Concen: 0.99 ug/l

RT: 7.627 min Scan# 1831

Delta R.T. 0.016 min

Lab File: VN065439.D

Acq: 8 Jan 2021 13:16

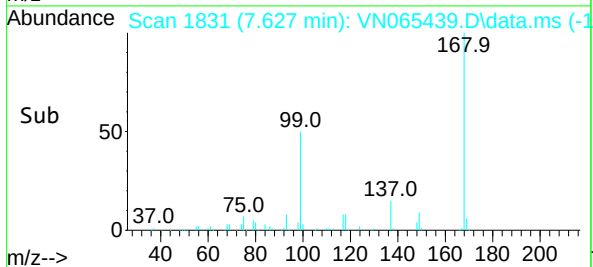
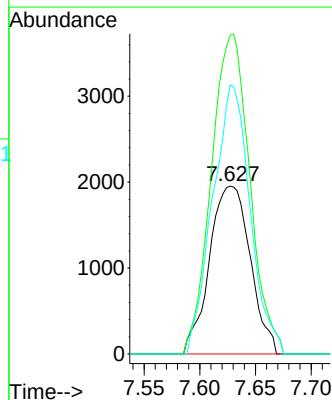
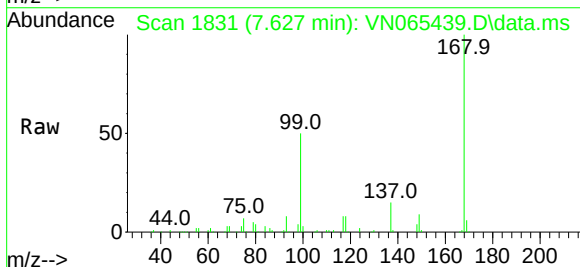
Tgt Ion: 56 Resp: 4970

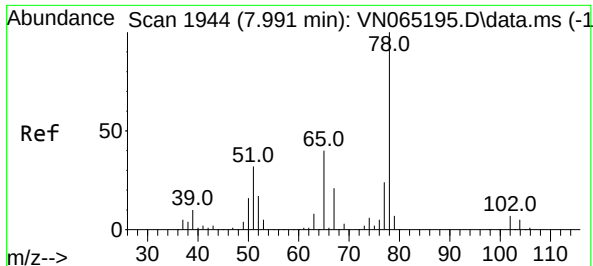
Ion Ratio Lower Upper

56 100

69 190.0 27.5 41.3#

84 160.3 73.9 110.9#

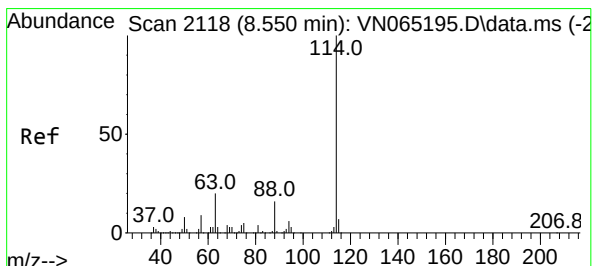
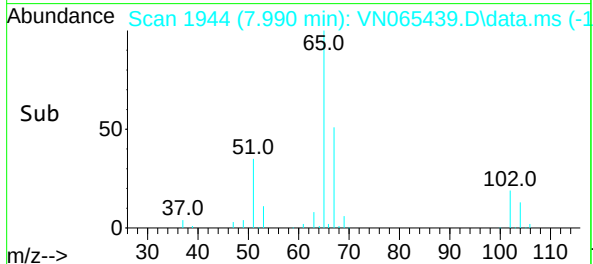
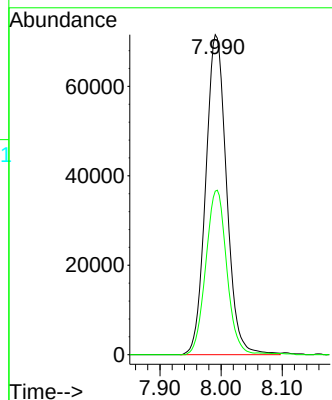
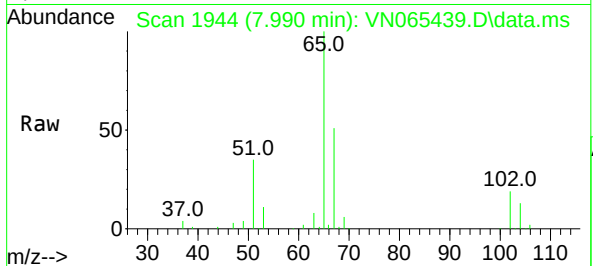




#33
1,2-Dichloroethane-d4
Concen: 50.10 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. -0.001 min
Lab File: VN065439.D
Acq: 8 Jan 2021 13:16

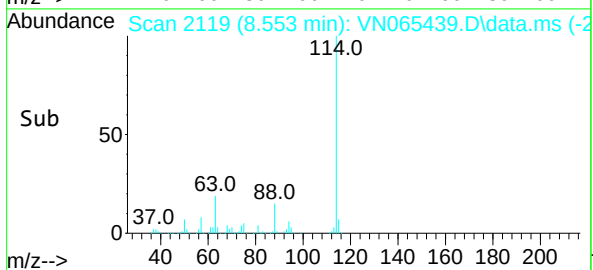
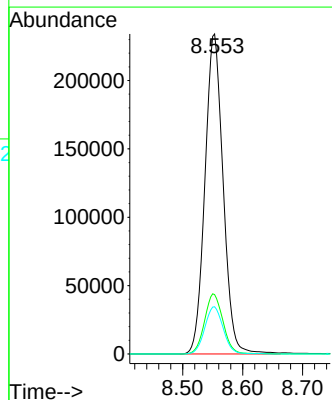
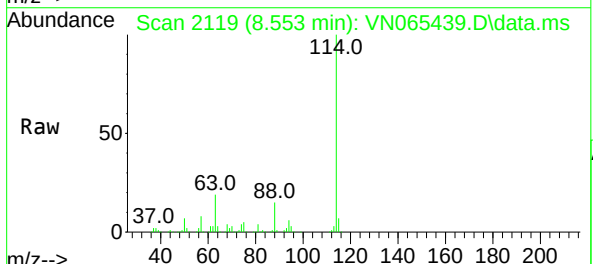
Instrument :
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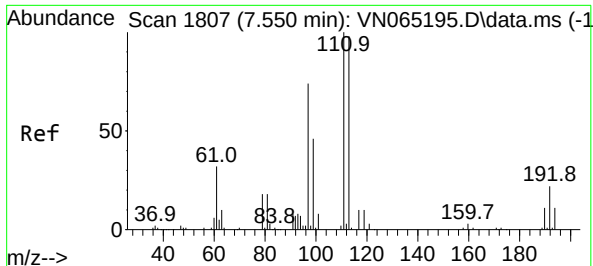
Tgt Ion: 65 Resp: 169538
Ion Ratio Lower Upper
65 100
67 51.6 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065439.D
Acq: 8 Jan 2021 13:16

Tgt Ion: 114 Resp: 493927
Ion Ratio Lower Upper
114 100
63 18.6 0.0 38.6
88 14.7 0.0 32.6

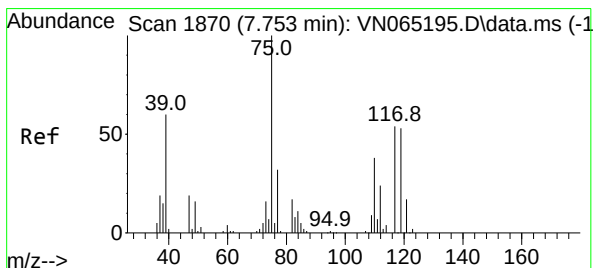
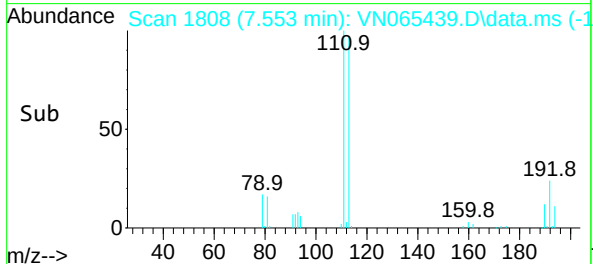
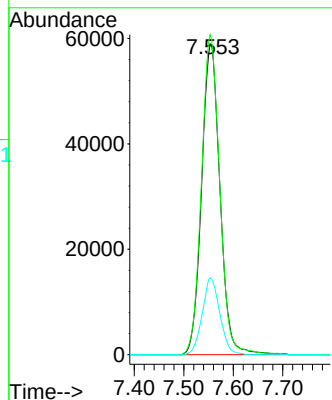
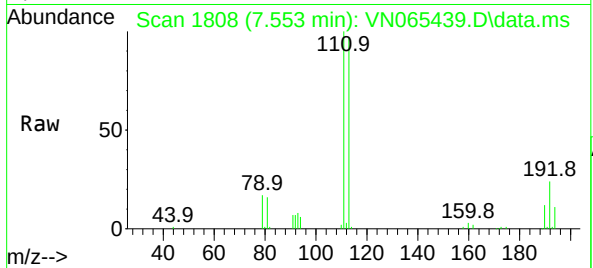




#35
Dibromofluoromethane
Concen: 50.97 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065439.D
Acq: 8 Jan 2021 13:16

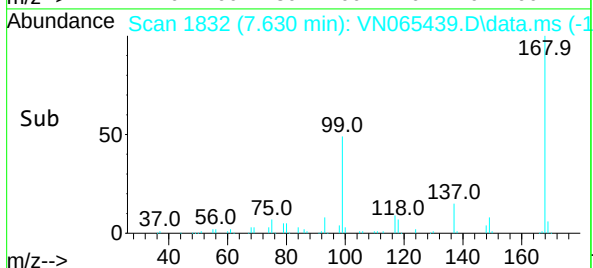
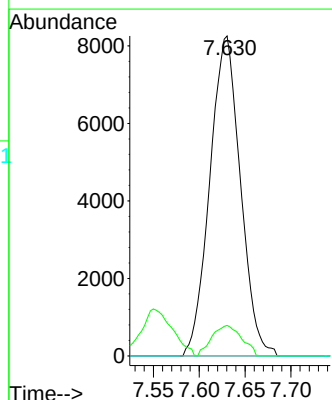
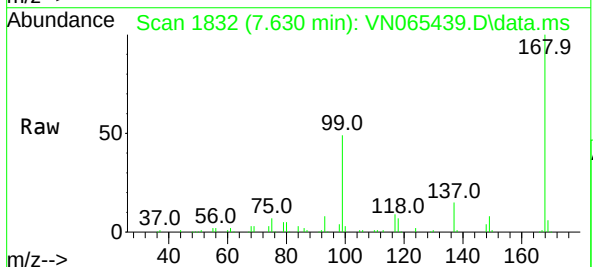
Instrument :
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VN0108WBL01

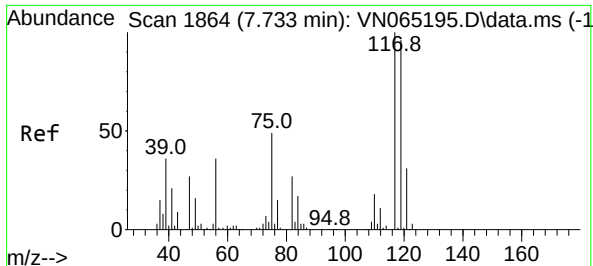
Tgt Ion:113 Resp: 151887
Ion Ratio Lower Upper
113 100
111 102.1 81.6 122.4
192 23.6 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.27 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.123 min
Lab File: VN065439.D
Acq: 8 Jan 2021 13:16

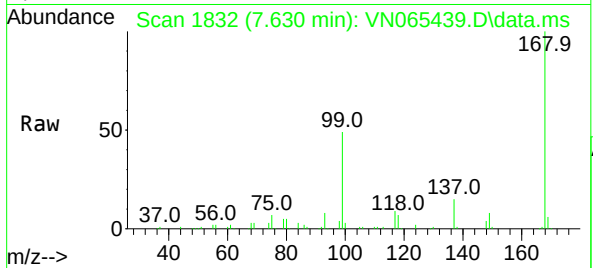
Tgt Ion: 75 Resp: 19165
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.3#
77 0.0 25.0 37.4#



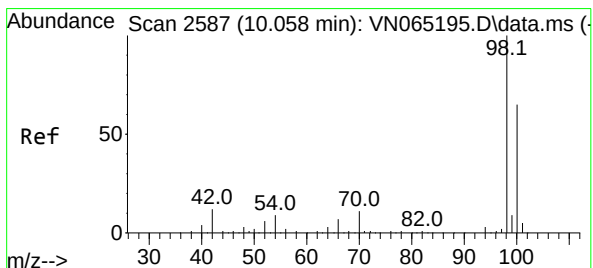
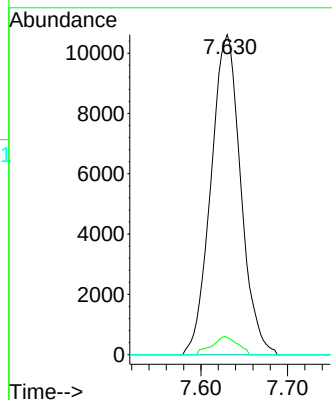
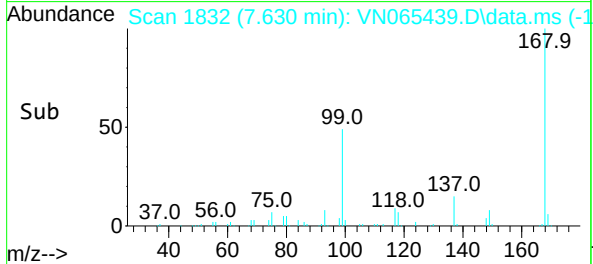


#38
Carbon Tetrachloride
Concen: 5.38 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.103 min
Lab File: VN065439.D
Acq: 8 Jan 2021 13:16

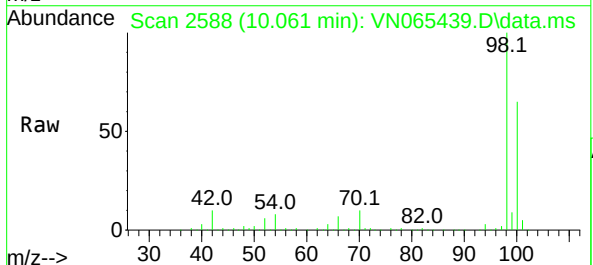
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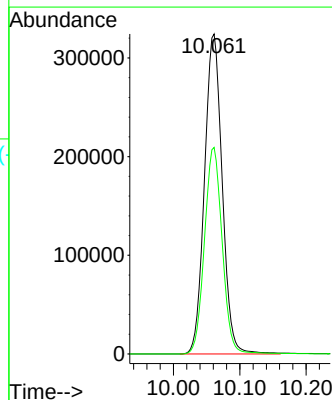
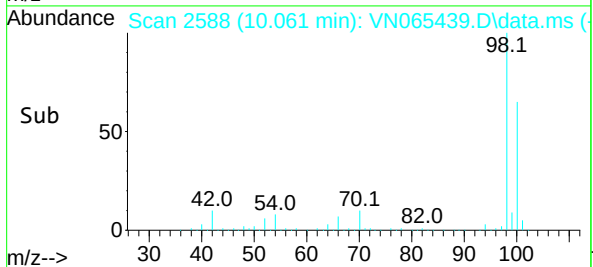
Tgt Ion:117 Resp: 25366
Ion Ratio Lower Upper
117 100
119 5.5 76.7 115.1#
121 0.0 25.4 38.2#

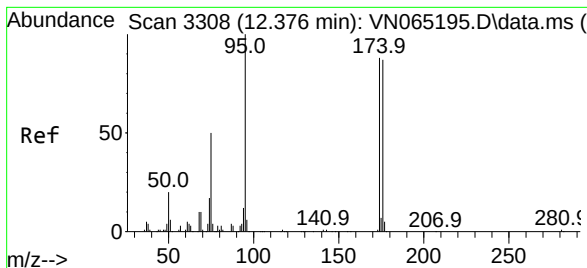


#50
Toluene-d8
Concen: 53.91 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065439.D
Acq: 8 Jan 2021 13:16



Tgt Ion: 98 Resp: 602087
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5

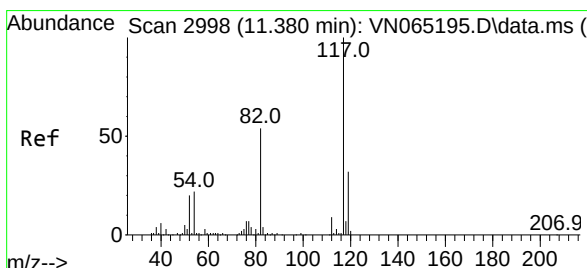
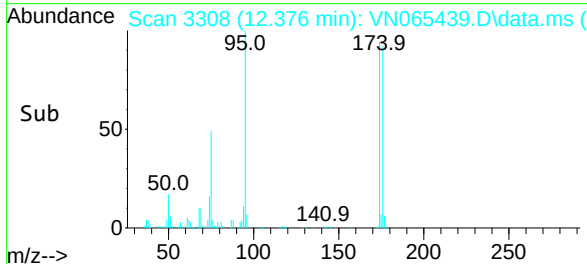
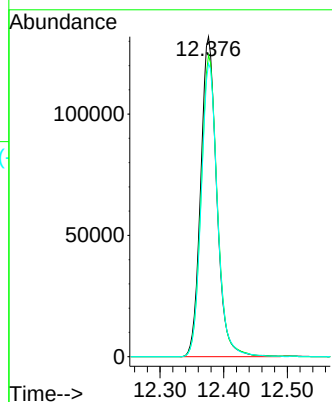
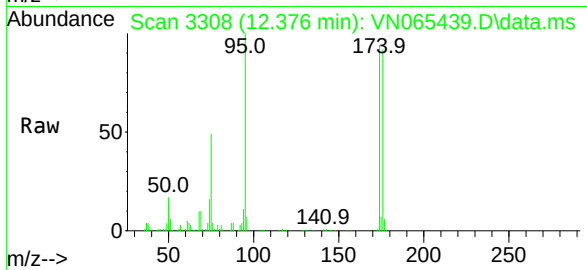




#62
4-Bromofluorobenzene
Concen: 52.12 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065439.D
Acq: 8 Jan 2021 13:16

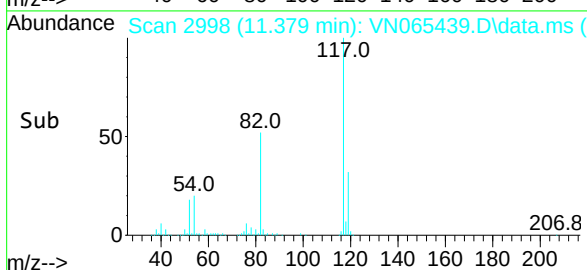
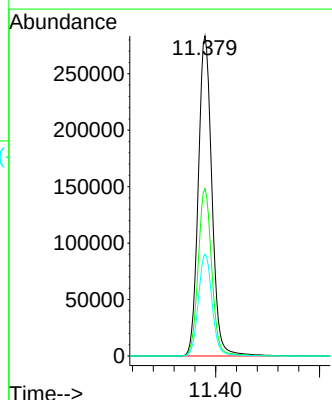
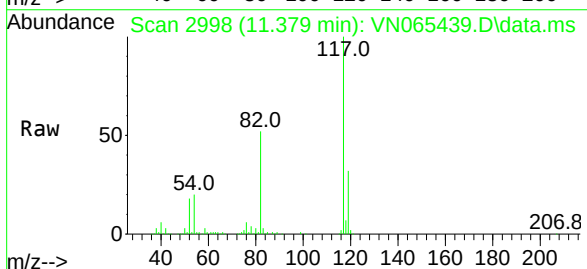
Instrument :
MSVOA_N
ClientSampleId :
VN0108WBL01

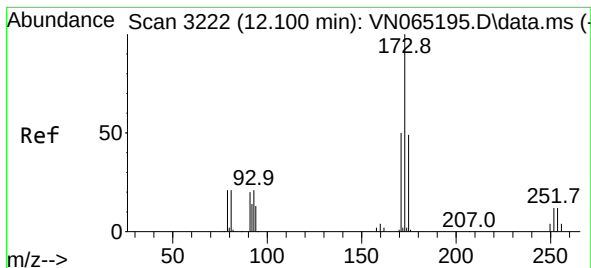
Tgt Ion: 95 Resp: 231279
Ion Ratio Lower Upper
95 100
174 95.0 0.0 160.4
176 92.8 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065439.D
Acq: 8 Jan 2021 13:16

Tgt Ion: 117 Resp: 515445
Ion Ratio Lower Upper
117 100
82 52.3 44.2 66.2
119 31.8 25.8 38.6





#71

Bromoform

Concen: 0.38 ug/l

RT: 12.376 min Scan# 3308

Delta R.T. 0.276 min

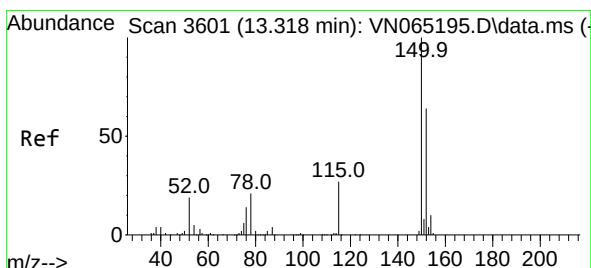
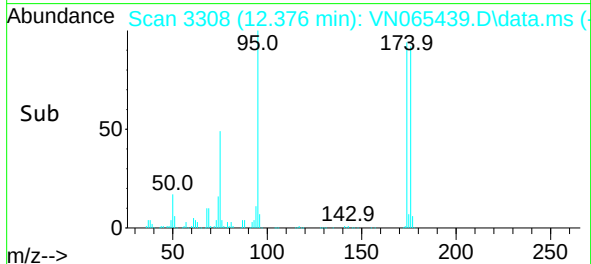
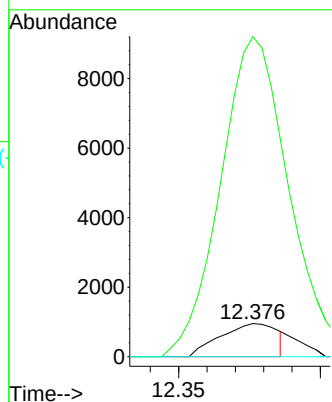
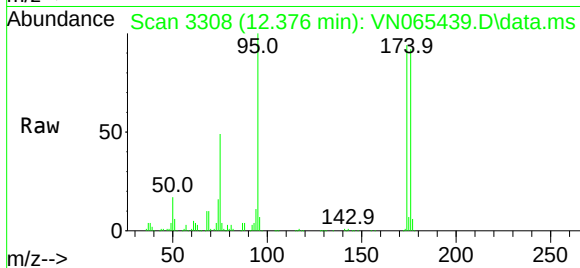
Lab File: VN065439.D

Acq: 8 Jan 2021 13:16

Tgt Ion:173 Resp: 1334

Ion	Ratio	Lower	Upper
173	100		
175	940.3	24.3	72.8#
254	0.0	0.0	0.0

Instrument :
MSVOA_N
ClientSampleId :
VN0108WBL01



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.318 min Scan# 3601

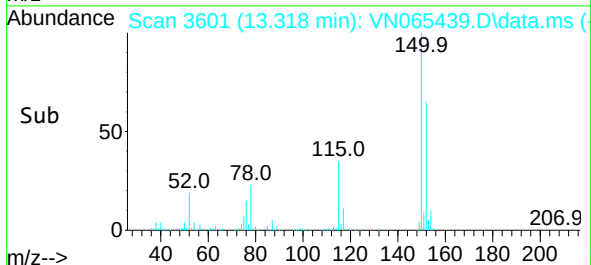
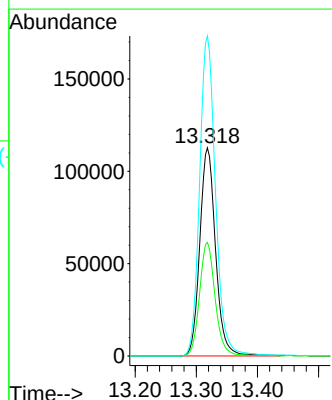
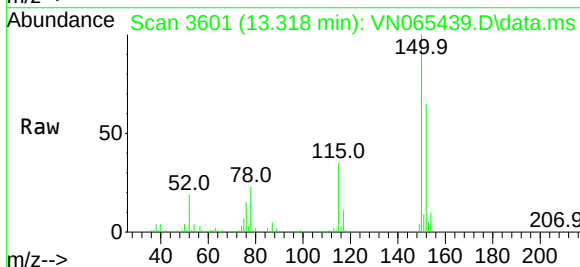
Delta R.T. 0.000 min

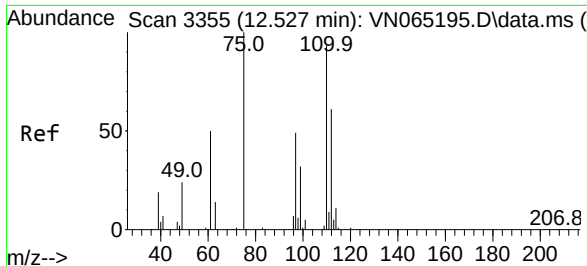
Lab File: VN065439.D

Acq: 8 Jan 2021 13:16

Tgt Ion:152 Resp: 202326

Ion	Ratio	Lower	Upper
152	100		
115	53.9	29.7	89.1
150	154.7	0.0	350.6

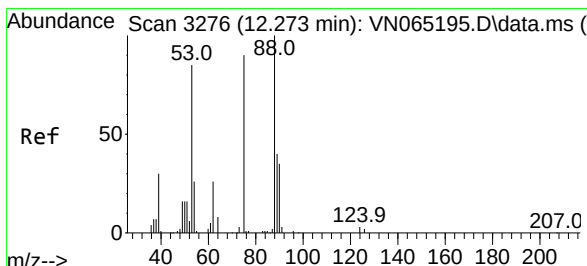
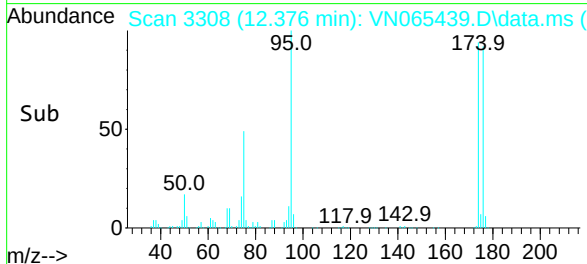
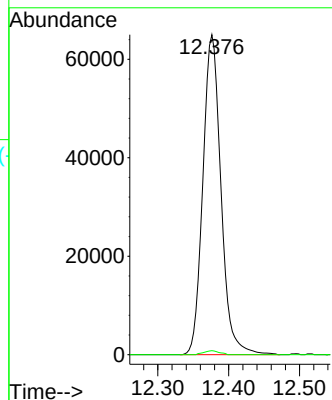
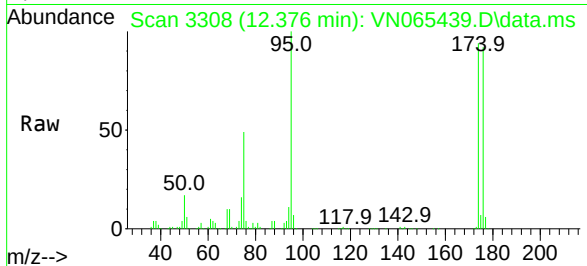




#76
1,2,3-Trichloropropane
Concen: 27.97 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065439.D
Acq: 8 Jan 2021 13:16

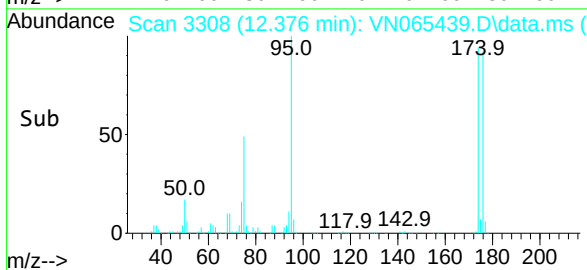
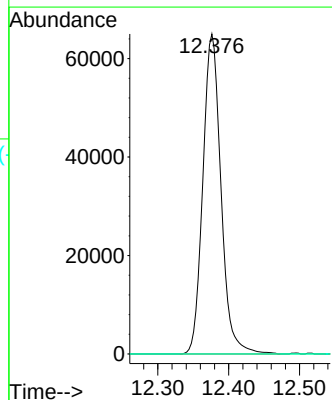
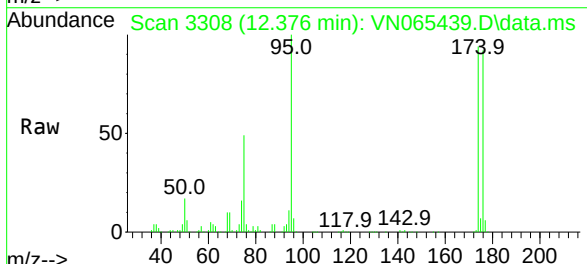
Instrument :
MSVOA_N
ClientSampleId :
VN0108WBL01

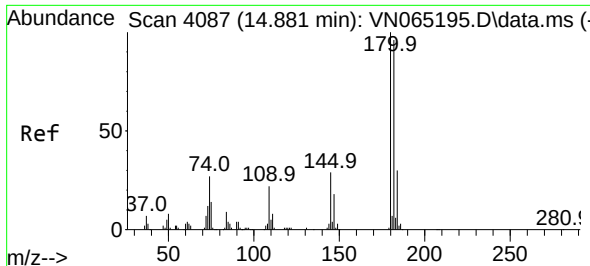
Tgt Ion: 75 Resp: 115467
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.54 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065439.D
Acq: 8 Jan 2021 13:16

Tgt Ion: 75 Resp: 115467
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

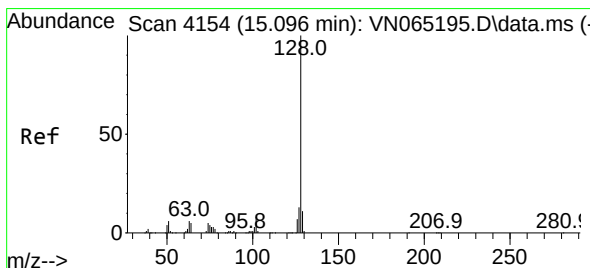
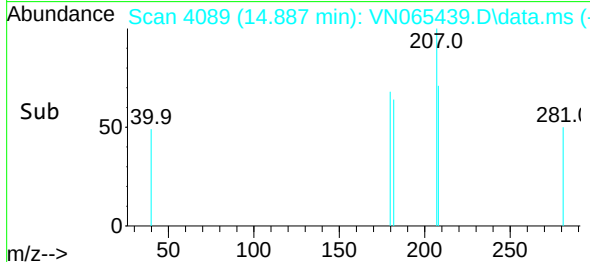
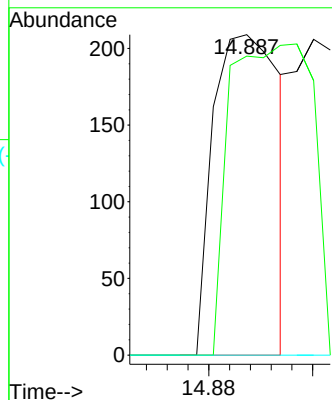
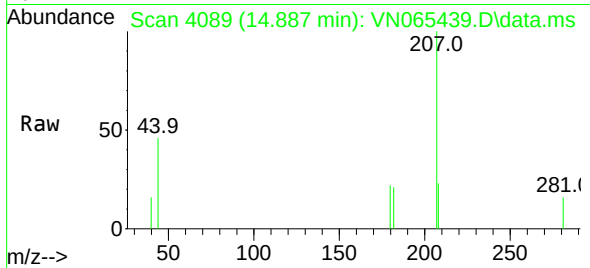




#93
1,2,4-Trichlorobenzene
Concen: 2.88 ug/l
RT: 14.887 min Scan# 4089
Delta R.T. 0.006 min
Lab File: VN065439.D
Acq: 8 Jan 2021 13:16

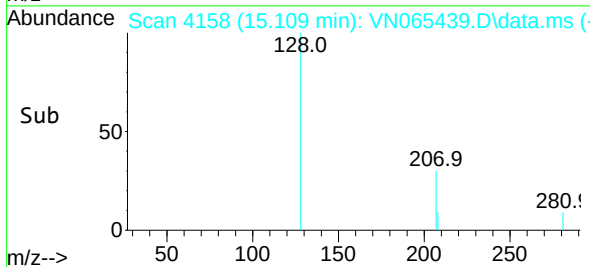
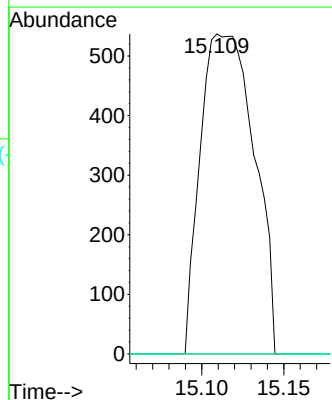
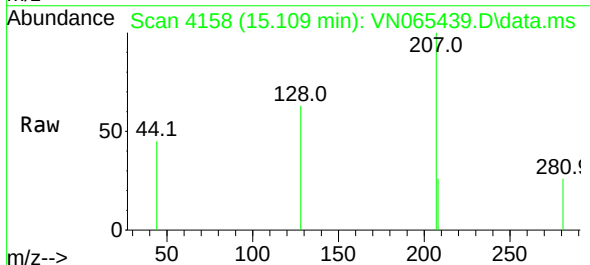
Instrument :
MSVOA_N
ClientSampleId :
VN0108WBL01

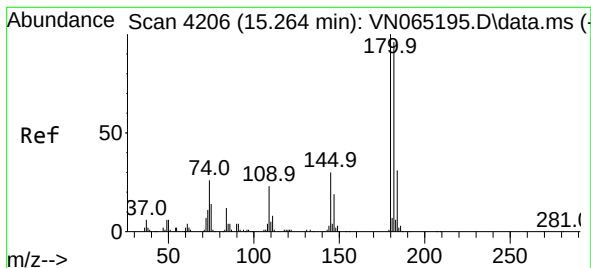
Tgt Ion:180 Resp: 185
Ion Ratio Lower Upper
180 100
182 121.1 47.6 142.9
145 0.0 15.3 45.8#



#95
Naphthalene
Concen: 3.48 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.013 min
Lab File: VN065439.D
Acq: 8 Jan 2021 13:16

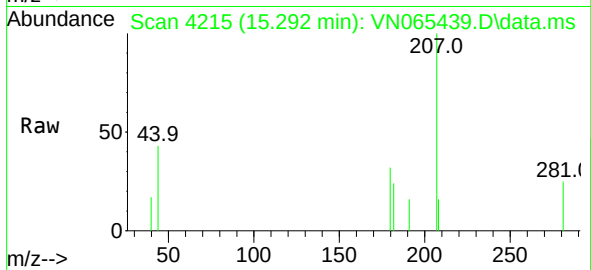
Tgt Ion:128 Resp: 1226
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.32 ug/l
 RT: 15.292 min Scan# 4215
 Delta R.T. 0.028 min
 Lab File: VN065439.D
 Acq: 8 Jan 2021 13:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108WBL01



Tgt Ion:180 Resp: 376
 Ion Ratio Lower Upper
 180 100
 182 85.4 48.1 144.4
 145 0.0 16.4 49.1#

