

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122820\
 Data File : VN065289.D
 Acq On : 28 Dec 2020 16:30
 Operator : JC/MD
 Sample : L5218-07DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 29 02:22:59 2020
 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)

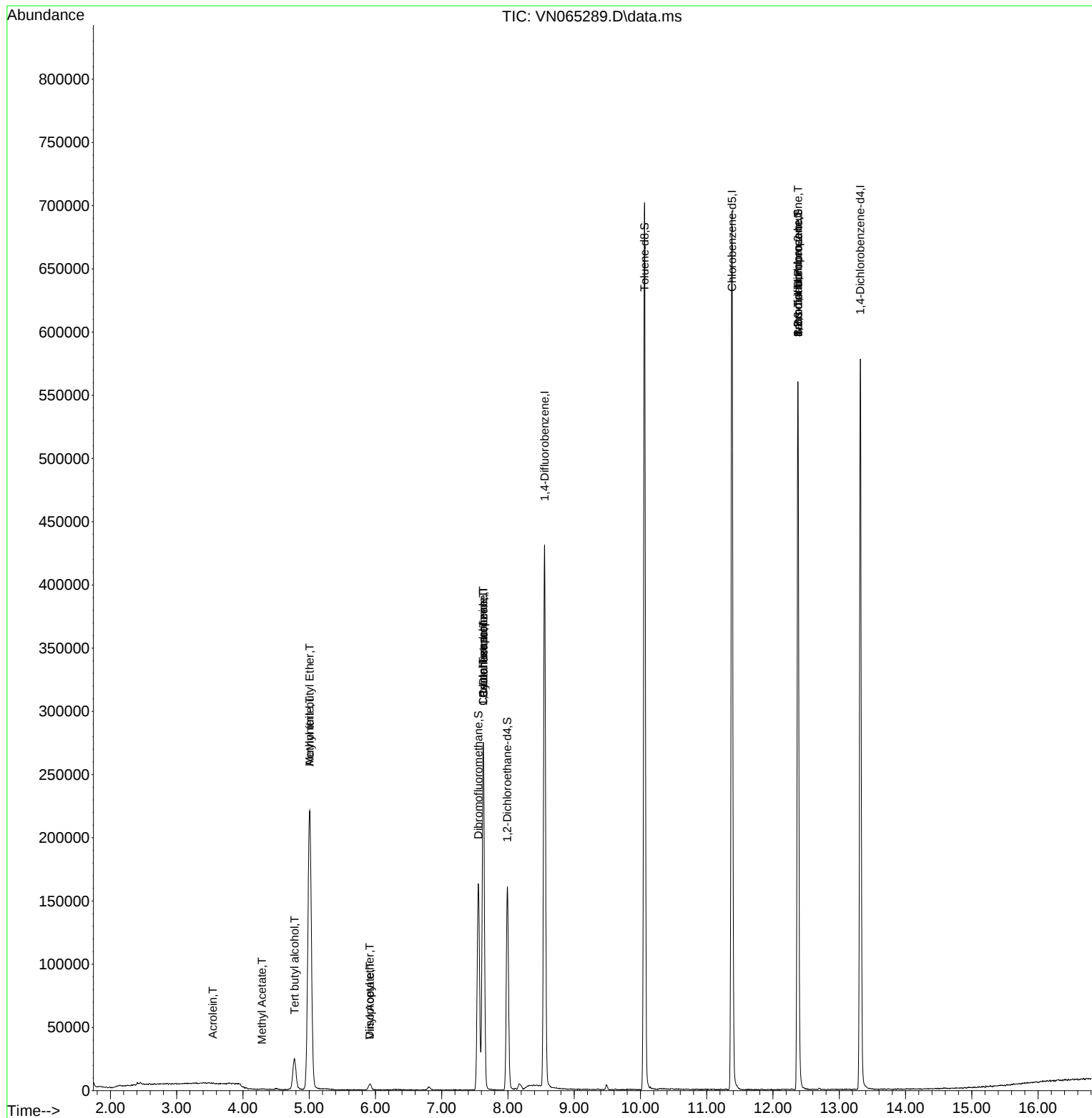
Internal Standards						
1) Pentafluorobenzene	7.627	168	250154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	405827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	428613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	174630	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	143151	50.69	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.38%			
35) Dibromofluoromethane	7.553	113	126144	51.52	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.04%			
50) Toluene-d8	10.061	98	501840	54.69	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.38%			
62) 4-Bromofluorobenzene	12.376	95	198197	54.14	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.28%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.779	59	49151	106.37	ug/l	99
13) Acrolein	3.547	56	61	2.60	ug/l #	1
15) Acrylonitrile	5.007	53	3748	3.36	ug/l #	20
16) Acetone	3.756	43	61	Below Cal	#	43
18) Methyl Acetate	4.287	43	617	0.24	ug/l #	50
19) Methyl tert-butyl Ether	5.007	73	401369	51.43	ug/l	98
22) Diisopropyl ether	5.914	45	6148	0.76	ug/l	94
23) Vinyl Acetate	5.917	43	3592	0.53	ug/l #	71
31) Cyclohexane	7.627	56	4235	1.02	ug/l #	6
36) 1,1-Dichloropropene	7.624	75	15430	4.18	ug/l #	50
38) Carbon Tetrachloride	7.624	117	20968	5.41	ug/l #	17
71) Bromoform	12.376	173	1188	0.41	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	97794	27.45	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	97794	69.22	ug/l #	15

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

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Response via : Initial Calibration

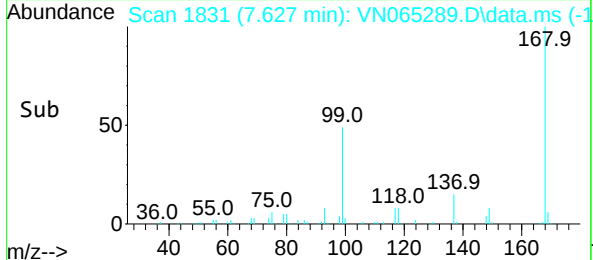
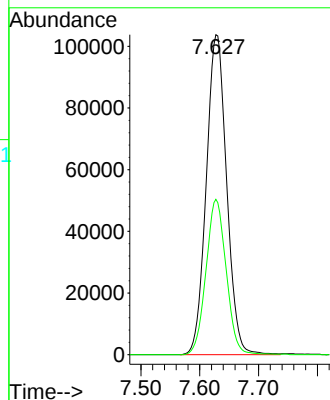
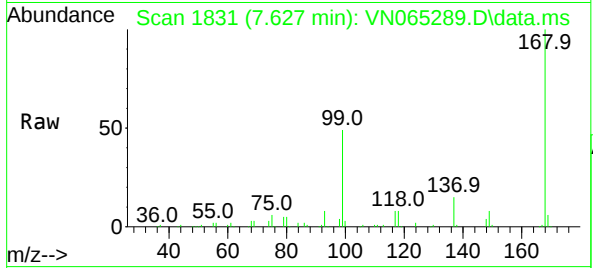




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065289.D
Acq: 28 Dec 2020 16:30

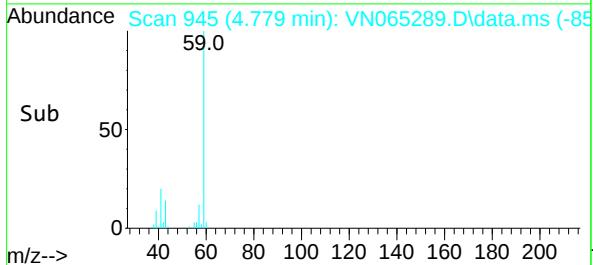
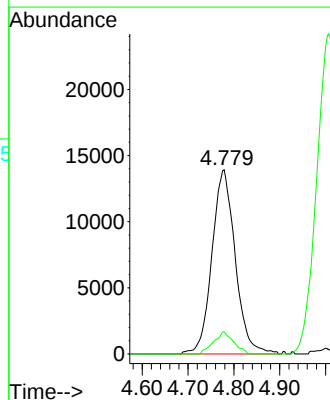
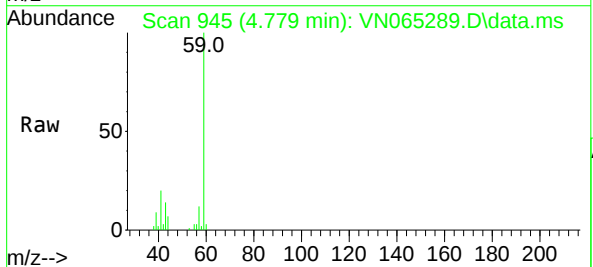
Instrument :
MSVOA_N
ClientSampled :

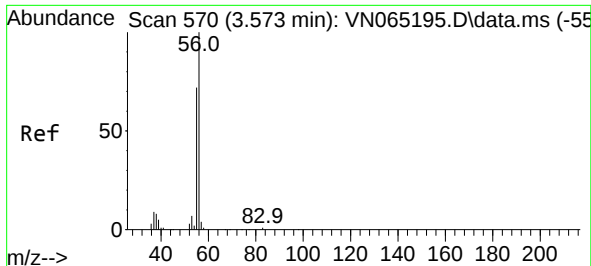
Tgt Ion:168 Resp: 250154
Ion Ratio Lower Upper
168 100
99 48.5 43.0 64.4



#11
Tert butyl alcohol
Concen: 106.37 ug/l
RT: 4.779 min Scan# 945
Delta R.T. 0.007 min
Lab File: VN065289.D
Acq: 28 Dec 2020 16:30

Tgt Ion: 59 Resp: 49151
Ion Ratio Lower Upper
59 100
57 10.2 7.9 11.9

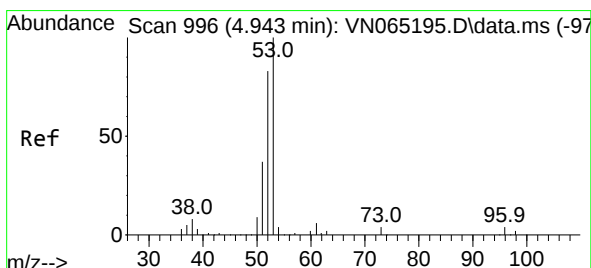
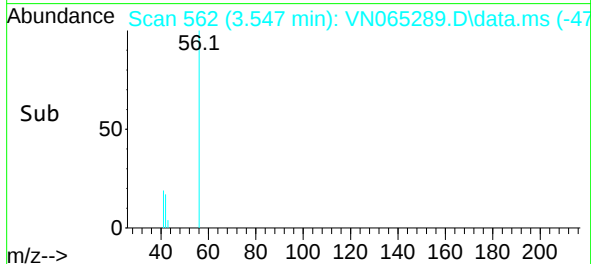
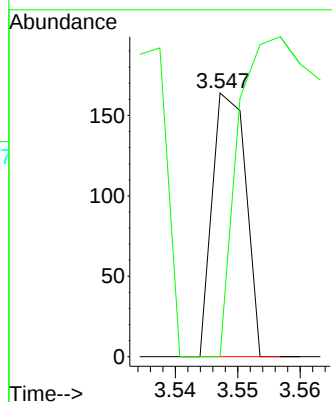
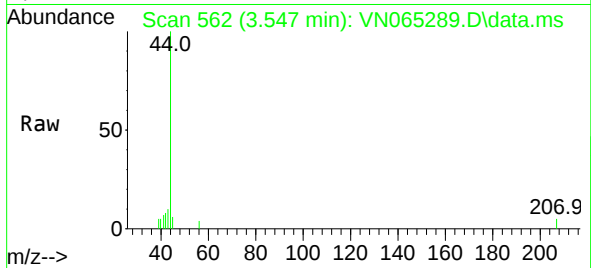




#13
Acrolein
Concen: 2.60 ug/l
RT: 3.547 min Scan# 562
Delta R.T. -0.026 min
Lab File: VN065289.D
Acq: 28 Dec 2020 16:30

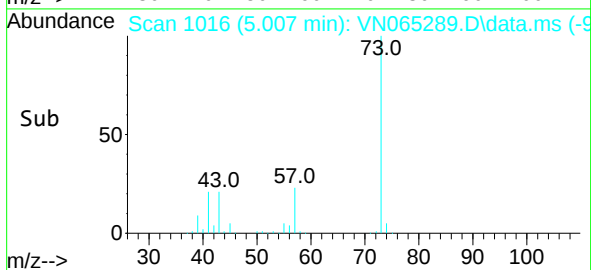
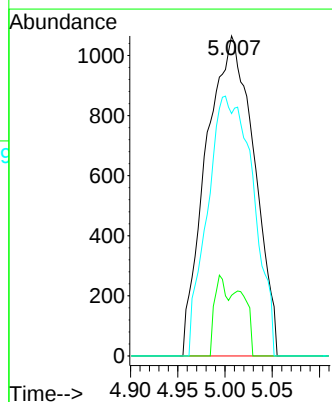
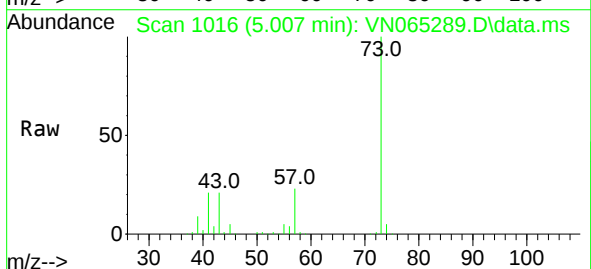
Instrument :
MSVOA_N
ClientSampled :

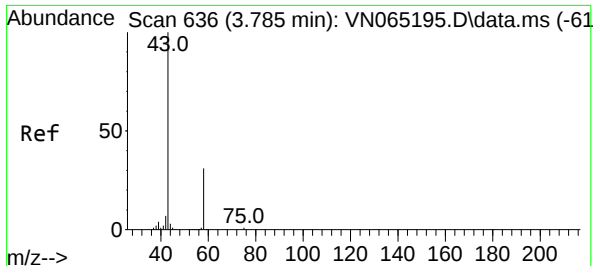
Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 395.1 56.5 84.7#



#15
Acrylonitrile
Concen: 3.36 ug/l
RT: 5.007 min Scan# 1016
Delta R.T. 0.064 min
Lab File: VN065289.D
Acq: 28 Dec 2020 16:30

Tgt Ion: 53 Resp: 3748
Ion Ratio Lower Upper
53 100
52 6.6 65.5 98.3#
51 77.7 28.6 43.0#

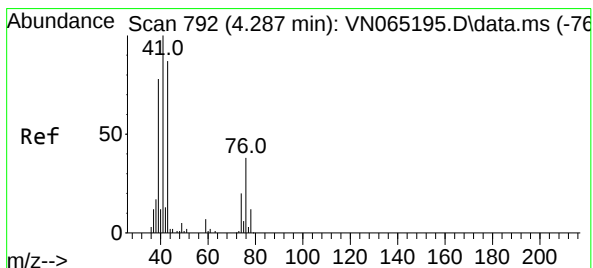
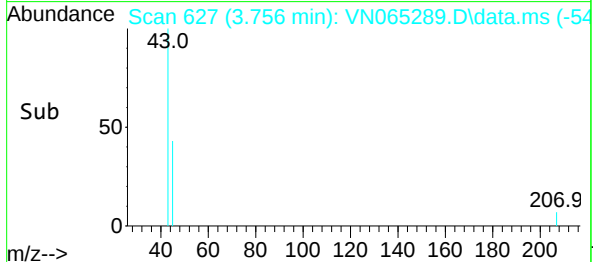
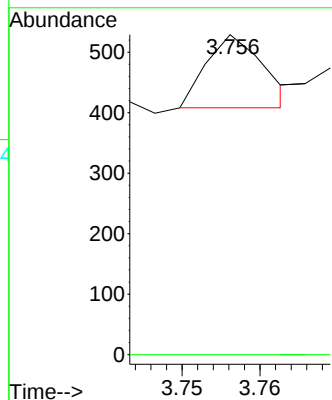
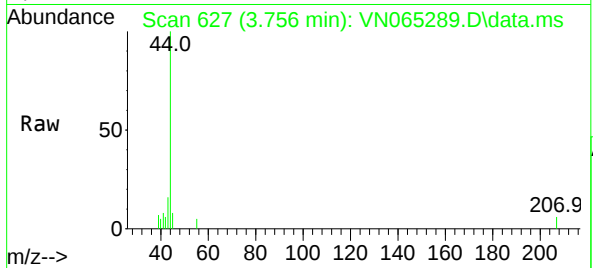




#16
Acetone
Concen: Below Cal
RT: 3.756 min Scan# 627
Delta R.T. -0.029 min
Lab File: VN065289.D
Acq: 28 Dec 2020 16:30

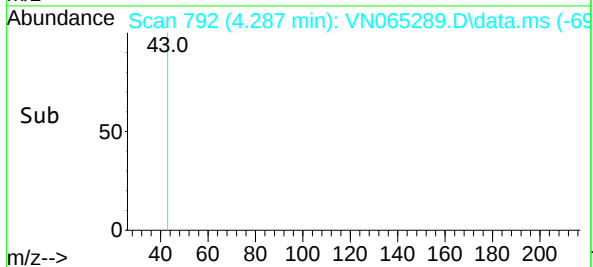
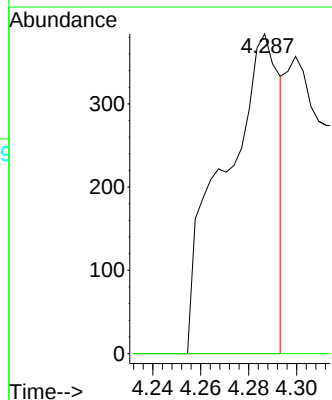
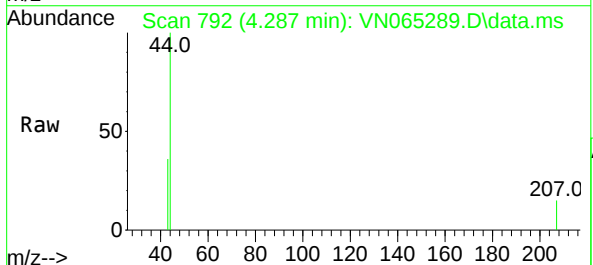
Instrument :
MSVOA_N
ClientSampled :

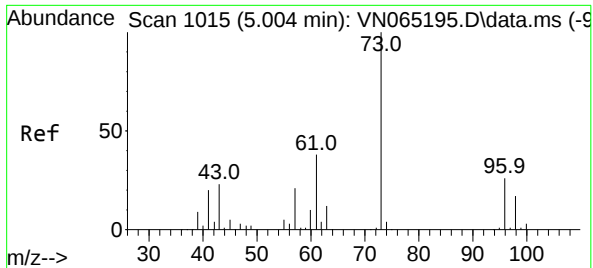
Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 4.287 min Scan# 792
Delta R.T. -0.000 min
Lab File: VN065289.D
Acq: 28 Dec 2020 16:30

Tgt Ion: 43 Resp: 617
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#

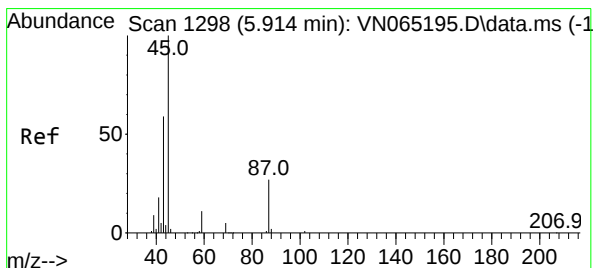
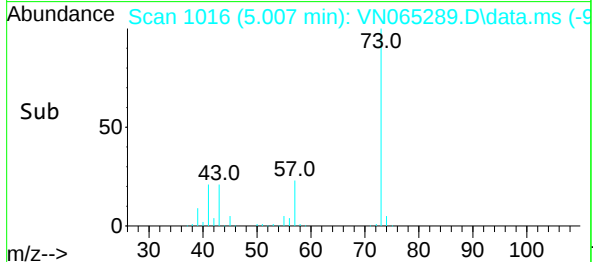
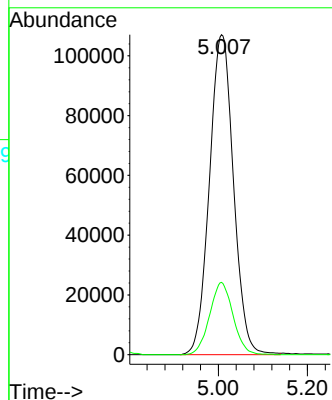
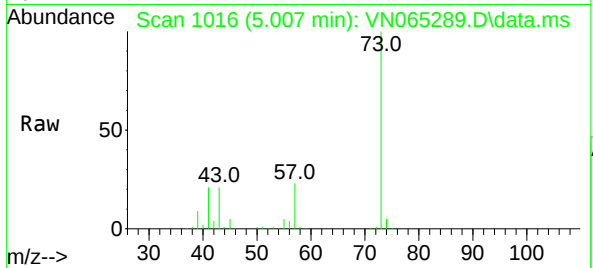




#19
Methyl tert-butyl Ether
Concen: 51.43 ug/l
RT: 5.007 min Scan# 1016
Delta R.T. 0.003 min
Lab File: VN065289.D
Acq: 28 Dec 2020 16:30

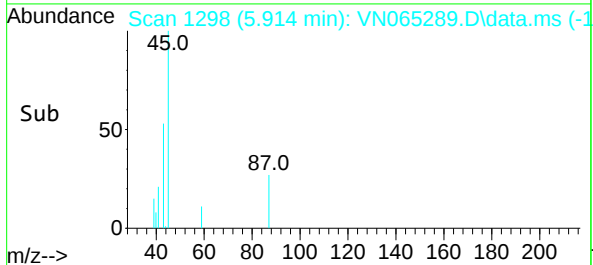
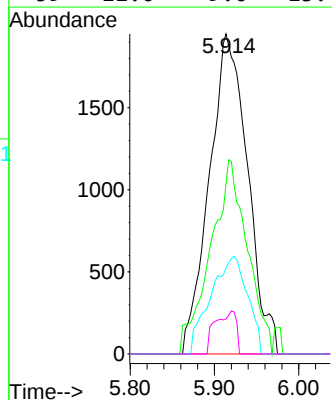
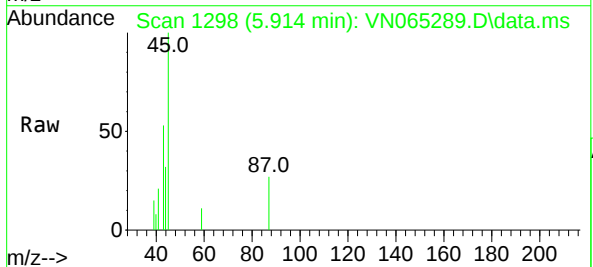
Instrument :
MSVOA_N
ClientSampled :

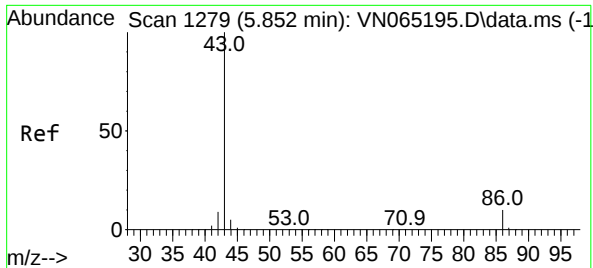
Tgt Ion: 73 Resp: 401369
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.0



#22
Diisopropyl ether
Concen: 0.76 ug/l
RT: 5.914 min Scan# 1298
Delta R.T. -0.000 min
Lab File: VN065289.D
Acq: 28 Dec 2020 16:30

Tgt Ion: 45 Resp: 6148
Ion Ratio Lower Upper
45 100
43 52.9 46.2 69.2
87 26.9 24.1 36.1
59 11.0 9.0 13.4

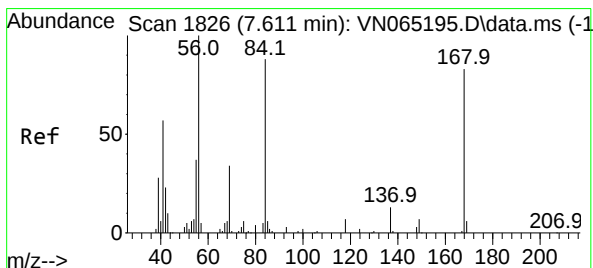
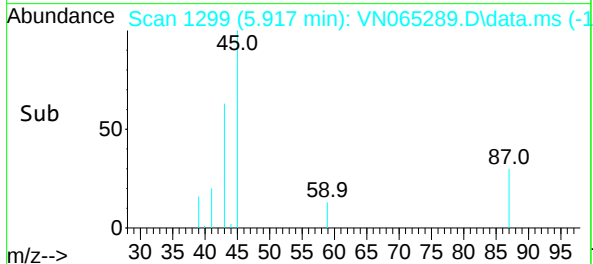
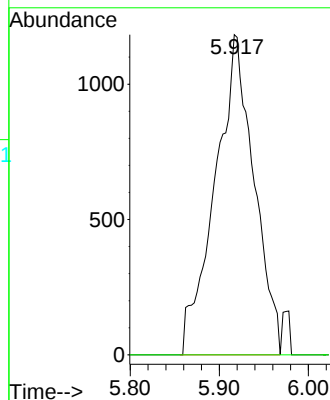
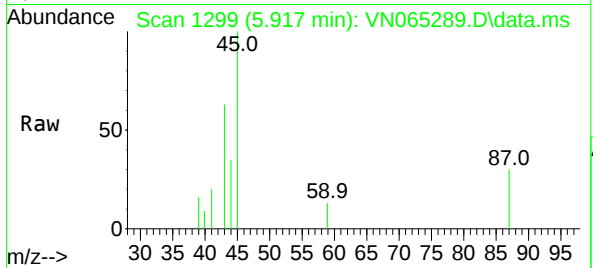




#23
 Vinyl Acetate
 Concen: 0.53 ug/l
 RT: 5.917 min Scan# 1299
 Delta R.T. 0.065 min
 Lab File: VN065289.D
 Acq: 28 Dec 2020 16:30

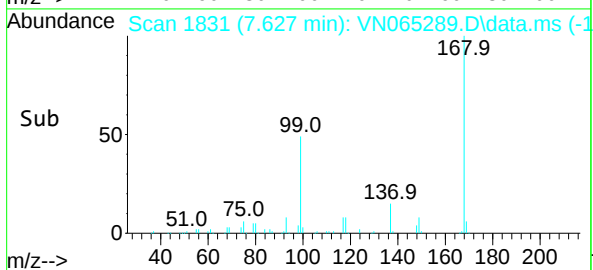
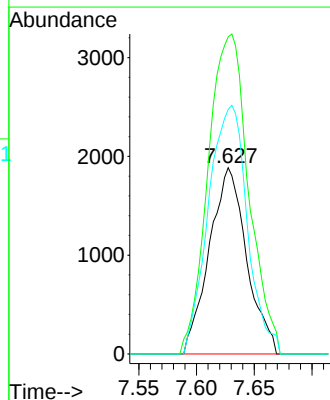
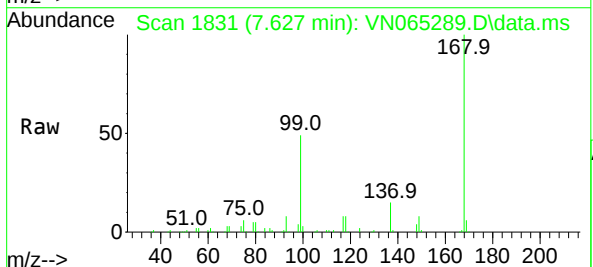
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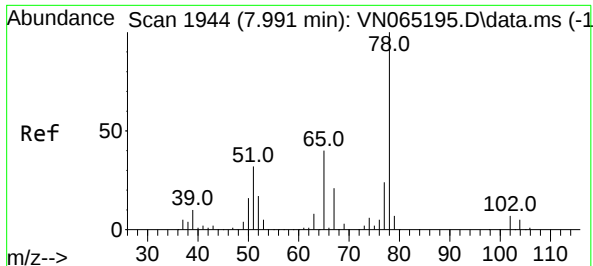
Tgt Ion: 43 Resp: 3592
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.9 13.3#



#31
 Cyclohexane
 Concen: 1.02 ug/l
 RT: 7.627 min Scan# 1831
 Delta R.T. 0.016 min
 Lab File: VN065289.D
 Acq: 28 Dec 2020 16:30

Tgt Ion: 56 Resp: 4235
 Ion Ratio Lower Upper
 56 100
 69 170.2 27.5 41.3#
 84 131.2 73.9 110.9#

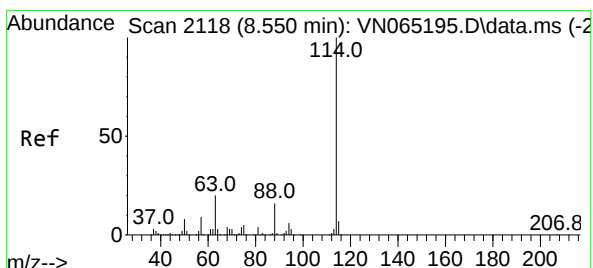
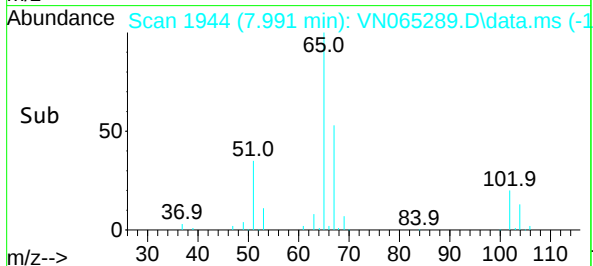
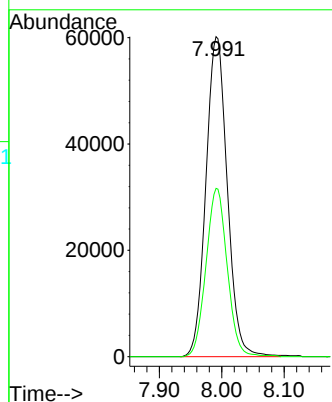
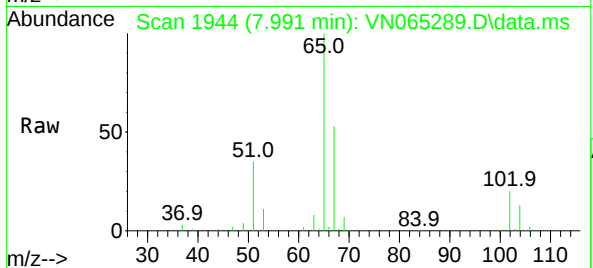




#33
1,2-Dichloroethane-d4
Concen: 50.69 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065289.D
Acq: 28 Dec 2020 16:30

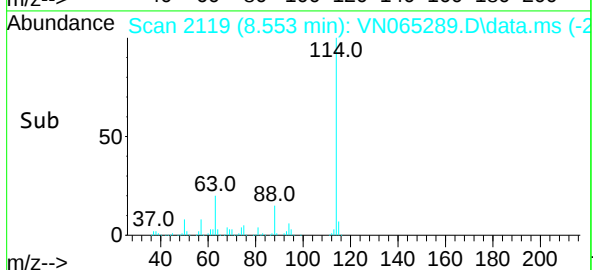
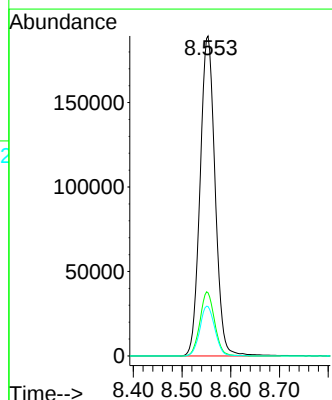
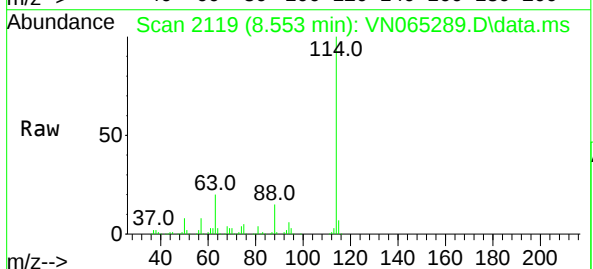
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MSVOA_N
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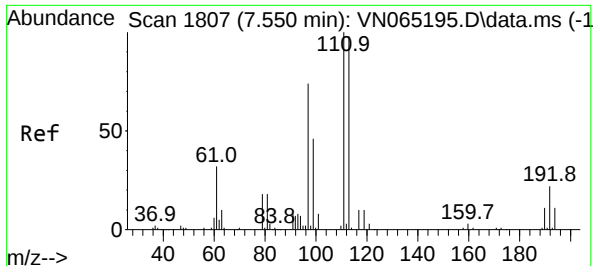
Tgt Ion: 65 Resp: 143151
Ion Ratio Lower Upper
65 100
67 52.2 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065289.D
Acq: 28 Dec 2020 16:30

Tgt Ion: 114 Resp: 405827
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.6
88 15.4 0.0 32.6

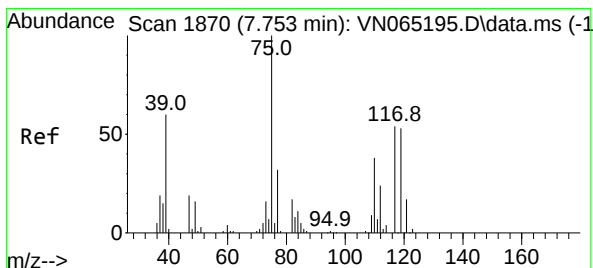
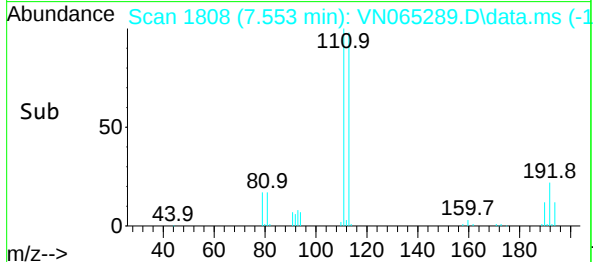
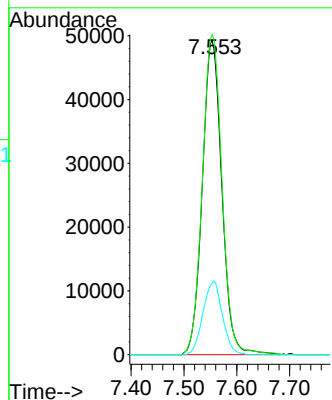
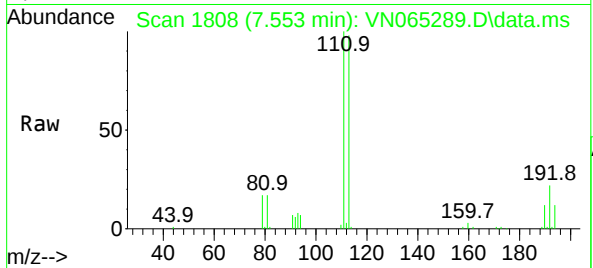




#35
Dibromofluoromethane
Concen: 51.52 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065289.D
Acq: 28 Dec 2020 16:30

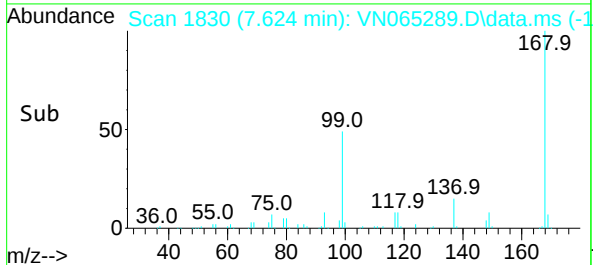
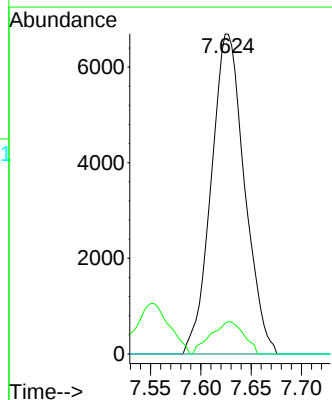
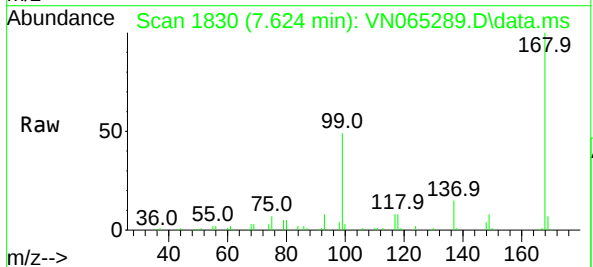
Instrument :
MSVOA_N
ClientSampled :

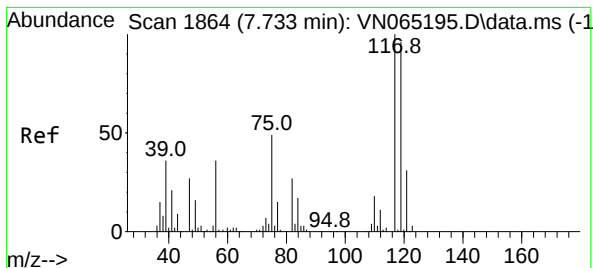
Tgt Ion:113 Resp: 126144
Ion Ratio Lower Upper
113 100
111 103.1 81.6 122.4
192 23.3 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.18 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN065289.D
Acq: 28 Dec 2020 16:30

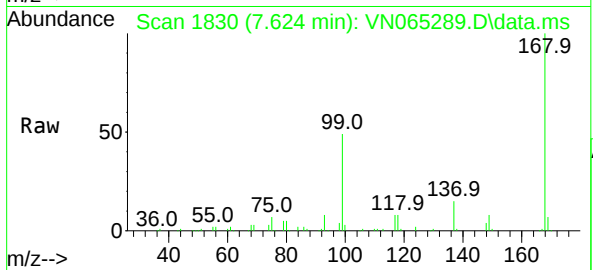
Tgt Ion: 75 Resp: 15430
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.3#
77 0.0 25.0 37.4#



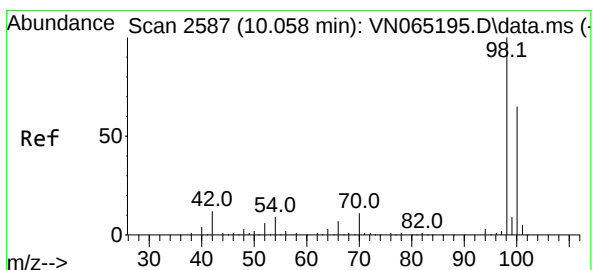
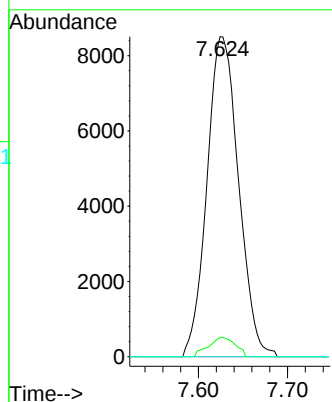
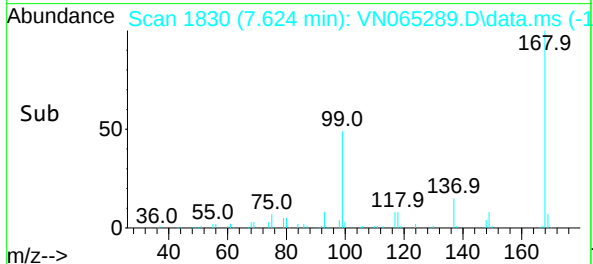


#38
Carbon Tetrachloride
Concen: 5.41 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.109 min
Lab File: VN065289.D
Acq: 28 Dec 2020 16:30

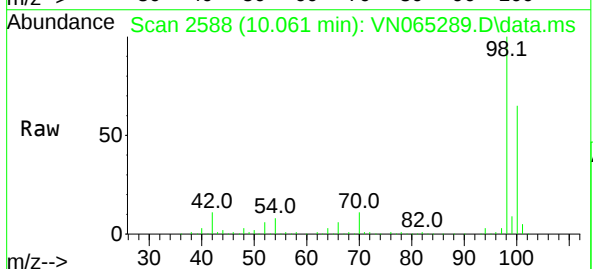
Instrument :
MSVOA_N
ClientSampled :



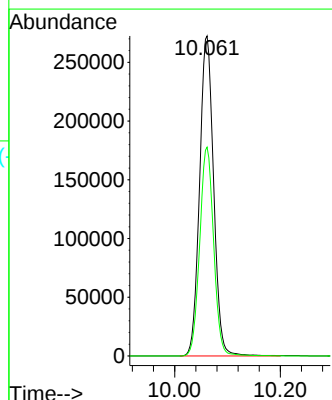
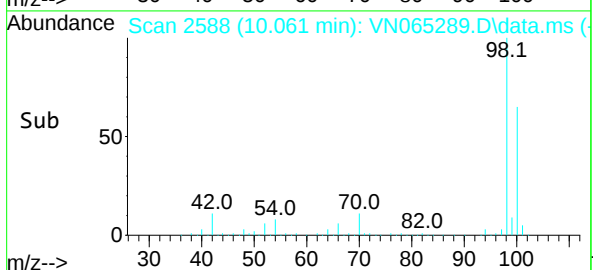
Tgt Ion:117 Resp: 20968
Ion Ratio Lower Upper
117 100
119 5.9 76.7 115.1#
121 0.0 25.4 38.2#

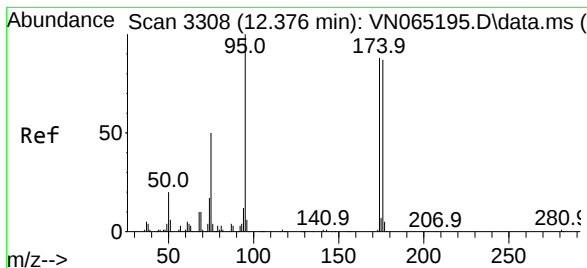


#50
Toluene-d8
Concen: 54.69 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065289.D
Acq: 28 Dec 2020 16:30



Tgt Ion: 98 Resp: 501840
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5

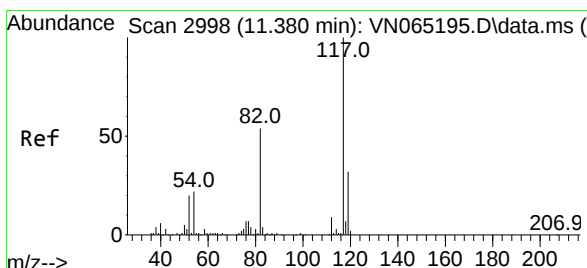
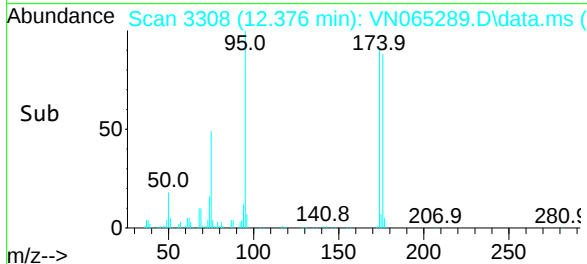
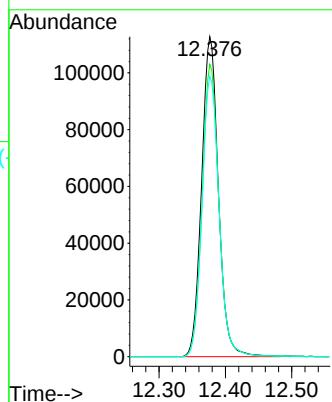
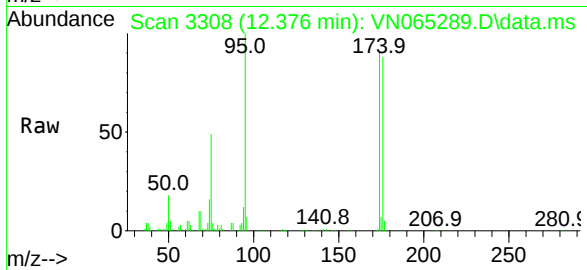




#62
4-Bromofluorobenzene
Concen: 54.14 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065289.D
Acq: 28 Dec 2020 16:30

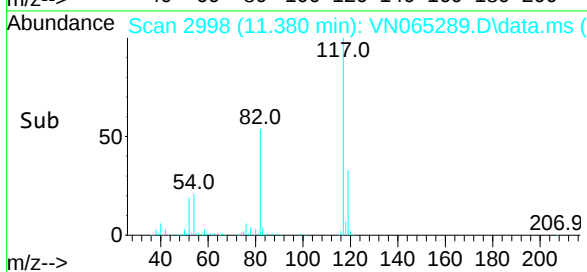
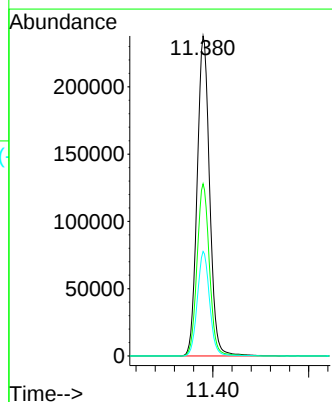
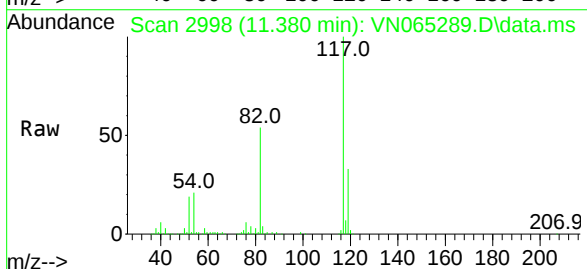
Instrument :
MSVOA_N
ClientSampleId :

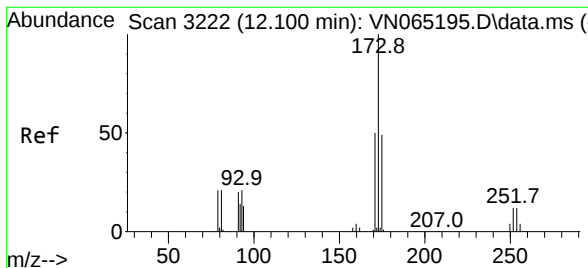
Tgt Ion: 95 Resp: 198197
Ion Ratio Lower Upper
95 100
174 90.9 0.0 160.4
176 88.5 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065289.D
Acq: 28 Dec 2020 16:30

Tgt Ion: 117 Resp: 428613
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 32.6 25.8 38.6

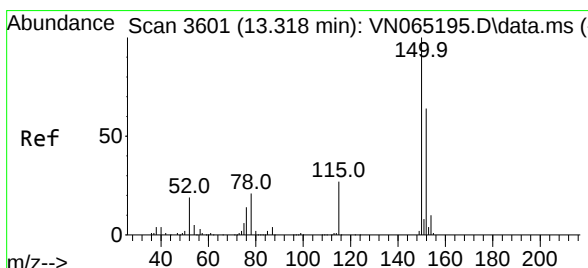
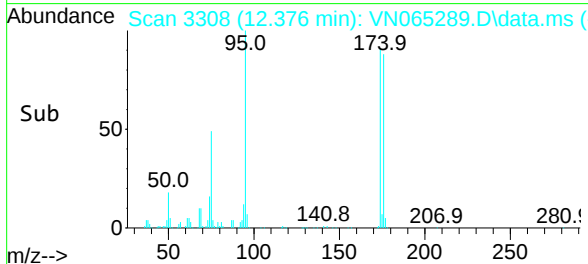
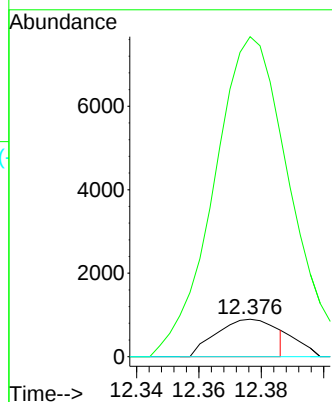
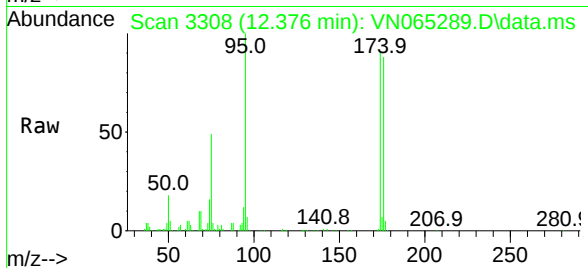




#71
Bromoform
Concen: 0.41 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065289.D
Acq: 28 Dec 2020 16:30

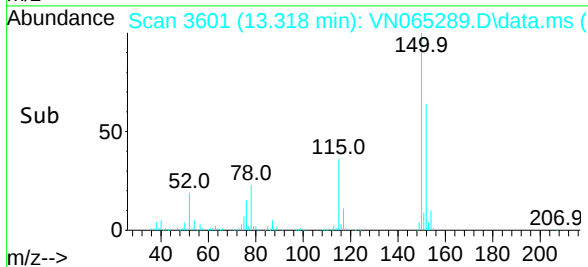
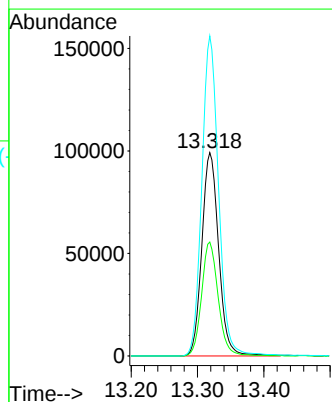
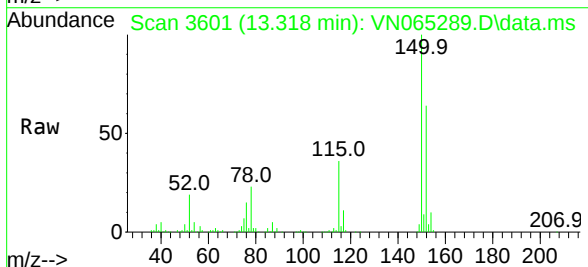
Instrument :
MSVOA_N
ClientSampleId :

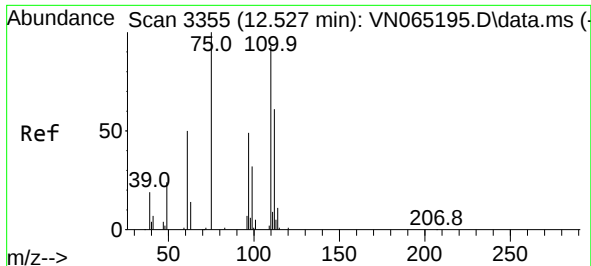
Tgt Ion:173 Resp: 1188
Ion Ratio Lower Upper
173 100
175 894.0 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065289.D
Acq: 28 Dec 2020 16:30

Tgt Ion:152 Resp: 174630
Ion Ratio Lower Upper
152 100
115 55.2 29.7 89.1
150 156.6 0.0 350.6

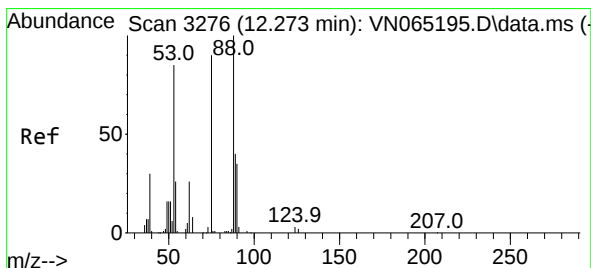
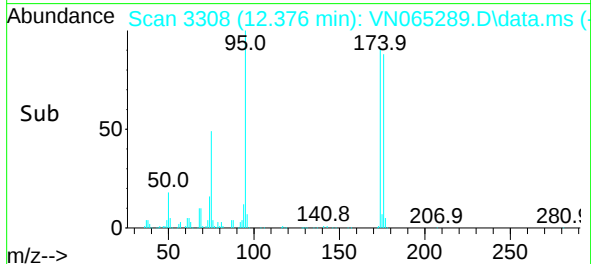
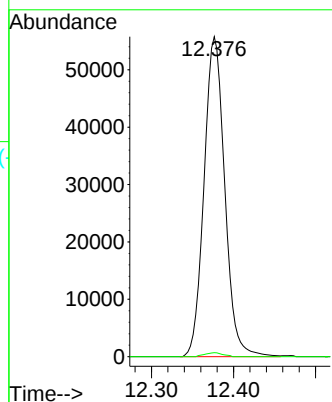
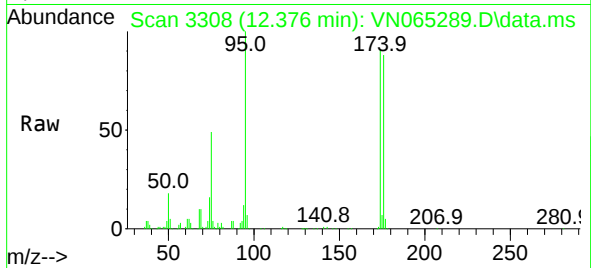




#76
1,2,3-Trichloropropane
Concen: 27.45 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065289.D
Acq: 28 Dec 2020 16:30

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 97794
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.22 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065289.D
Acq: 28 Dec 2020 16:30

Tgt Ion: 75 Resp: 97794
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

