

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122820\
 Data File : VN065283.D
 Acq On : 28 Dec 2020 14:02
 Operator : JC/MD
 Sample : L5218-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 29 02:21:11 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)

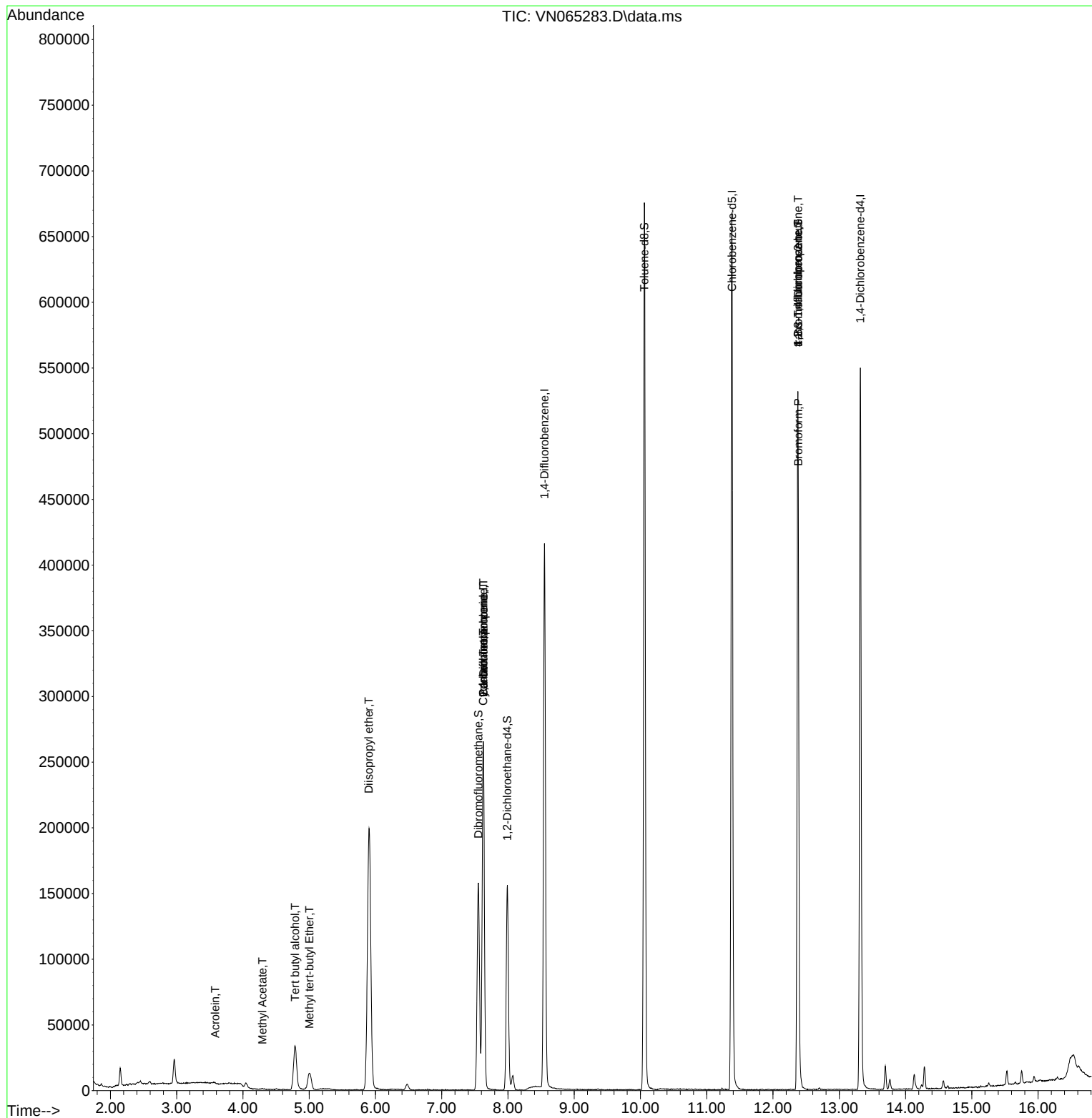
Internal Standards						
1) Pentafluorobenzene	7.627	168	237827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	394175	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	409883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	167159	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	137072	51.05	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.10%			
35) Dibromofluoromethane	7.553	113	122845	51.66	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.32%			
50) Toluene-d8	10.058	98	484402	54.35	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.70%			
62) 4-Bromofluorobenzene	12.376	95	190368	53.60	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.20%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.785	59	3894	8.86	ug/l #	93
13) Acrolein	3.582	56	134	2.86	ug/l #	14
16) Acetone	3.795	43	1002	Below Cal	#	43
18) Methyl Acetate	4.293	43	1236	0.51	ug/l #	50
19) Methyl tert-butyl Ether	5.000	73	23043	3.11	ug/l	98
22) Diisopropyl ether	5.897	45	4354	0.57	ug/l #	1
31) Cyclohexane	7.624	56	4083	1.03	ug/l #	11
36) 1,1-Dichloropropene	7.627	75	15535	4.33	ug/l #	49
38) Carbon Tetrachloride	7.627	117	20569	5.46	ug/l #	16
71) Bromoform	12.383	173	1068	0.38	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	93468	27.41	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	93468	69.11	ug/l #	15

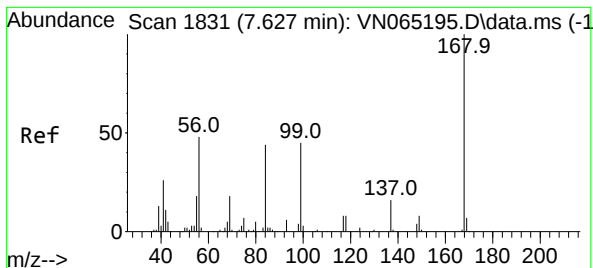
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122820\
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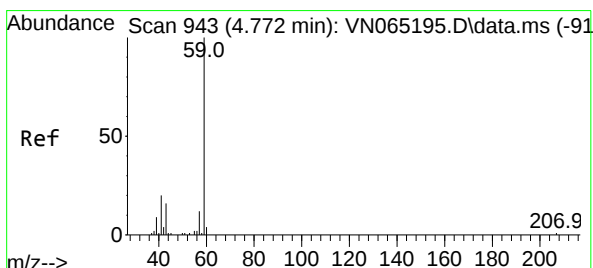
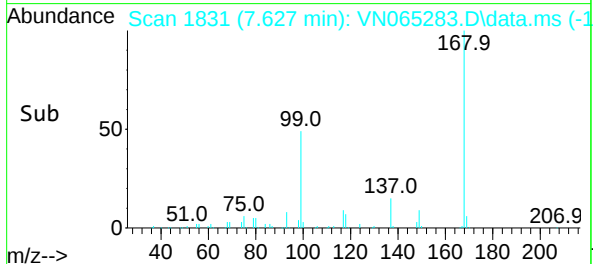
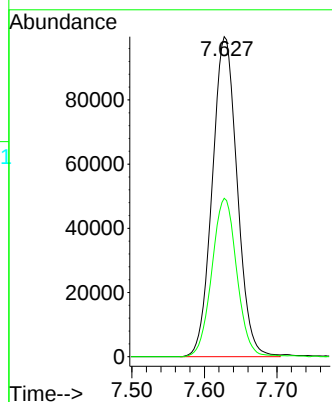
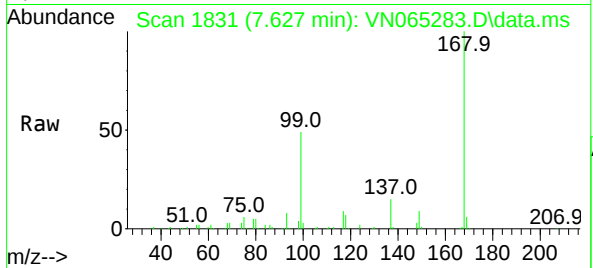




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065283.D
Acq: 28 Dec 2020 14:02

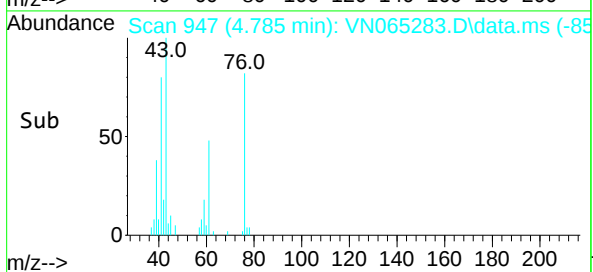
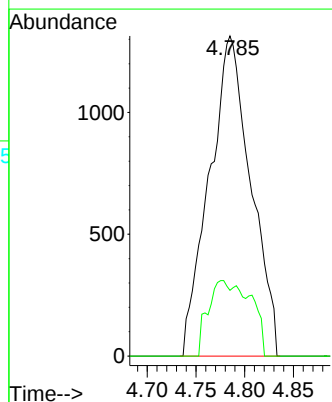
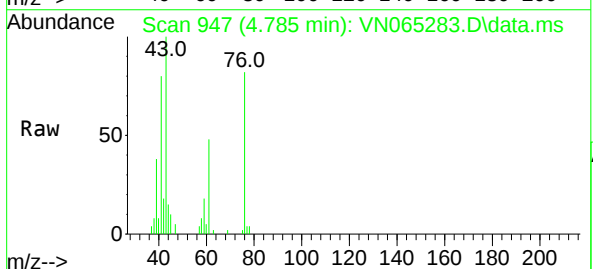
Instrument :
MSVOA_N
ClientSampled :

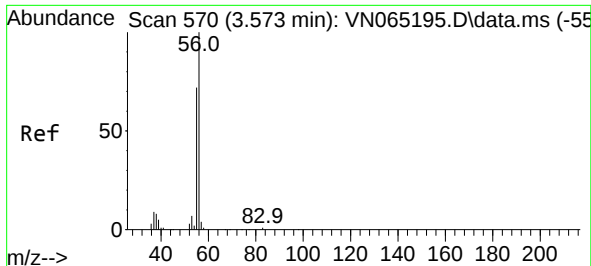
Tgt Ion:168 Resp: 237827
Ion Ratio Lower Upper
168 100
99 49.5 43.0 64.4



#11
Tert butyl alcohol
Concen: 8.86 ug/l
RT: 4.785 min Scan# 947
Delta R.T. 0.013 min
Lab File: VN065283.D
Acq: 28 Dec 2020 14:02

Tgt Ion: 59 Resp: 3894
Ion Ratio Lower Upper
59 100
57 12.3 7.9 11.9#

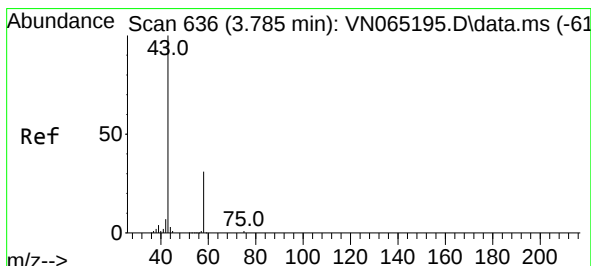
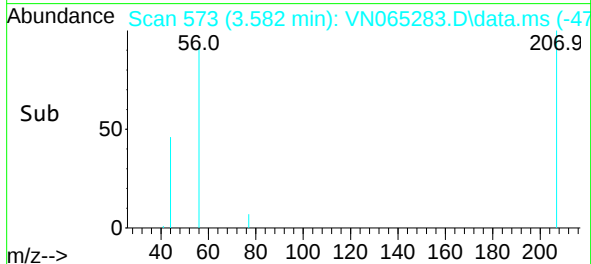
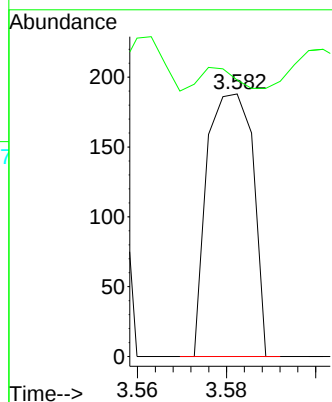
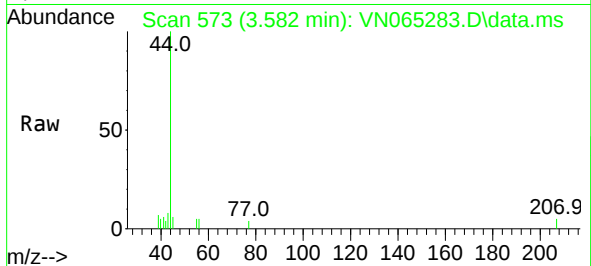




#13
Acrolein
Concen: 2.86 ug/l
RT: 3.582 min Scan# 573
Delta R.T. 0.009 min
Lab File: VN065283.D
Acq: 28 Dec 2020 14:02

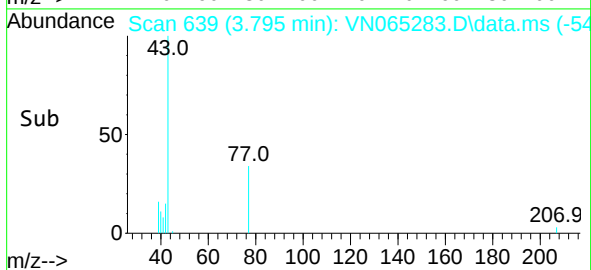
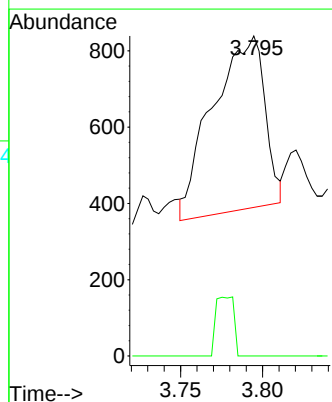
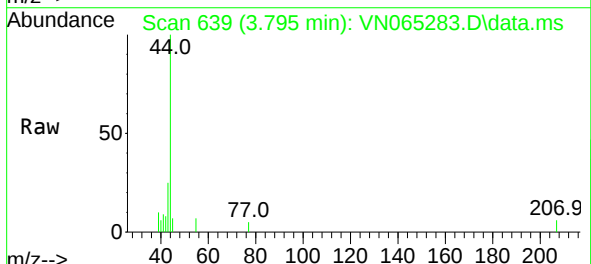
Instrument :
MSVOA_N
ClientSampled :

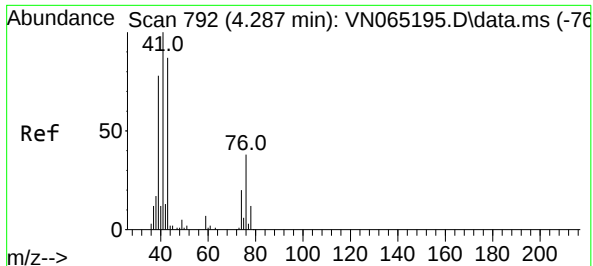
Tgt Ion: 56 Resp: 134
Ion Ratio Lower Upper
56 100
55 0.0 56.5 84.7#



#16
Acetone
Concen: Below Cal
RT: 3.795 min Scan# 639
Delta R.T. 0.010 min
Lab File: VN065283.D
Acq: 28 Dec 2020 14:02

Tgt Ion: 43 Resp: 1002
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#





#18

Methyl Acetate

Concen: 0.51 ug/l

RT: 4.293 min Scan# 794

Delta R.T. 0.006 min

Lab File: VN065283.D

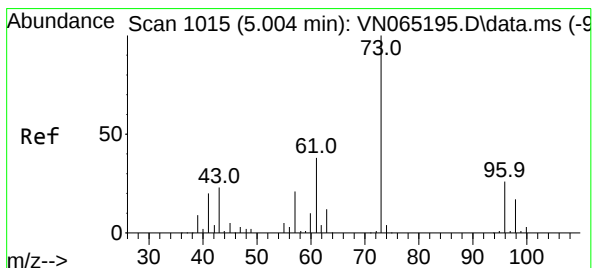
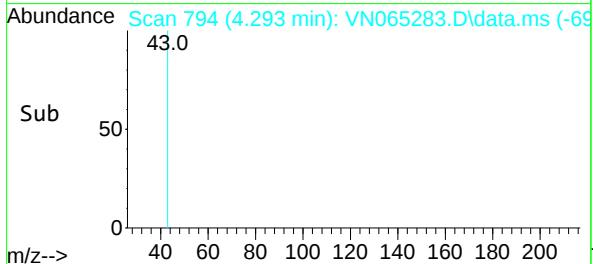
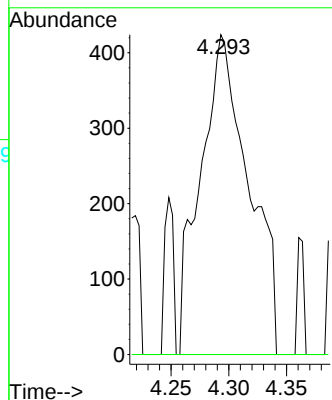
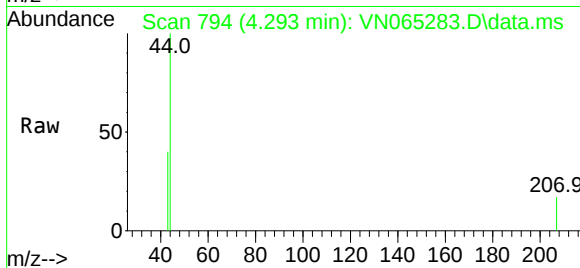
Acq: 28 Dec 2020 14:02

Tgt Ion: 43 Resp: 1236

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#



#19

Methyl tert-butyl Ether

Concen: 3.11 ug/l

RT: 5.000 min Scan# 1014

Delta R.T. -0.004 min

Lab File: VN065283.D

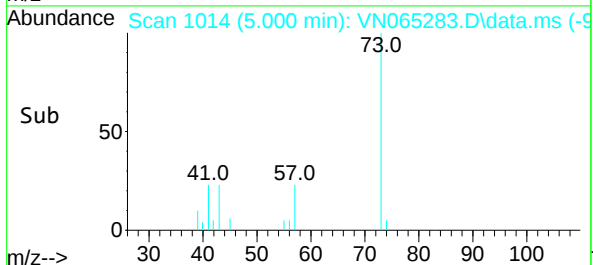
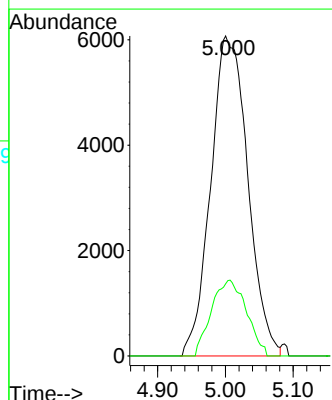
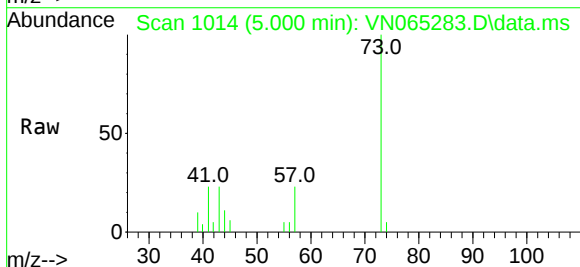
Acq: 28 Dec 2020 14:02

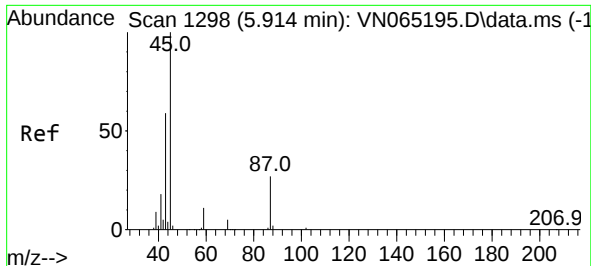
Tgt Ion: 73 Resp: 23043

Ion Ratio Lower Upper

73 100

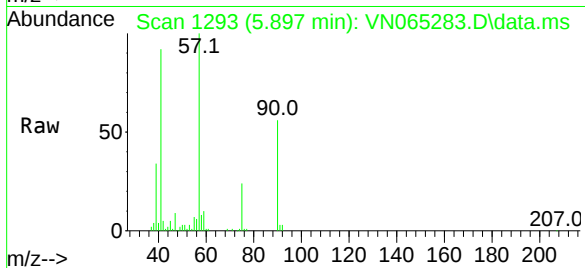
57 22.6 17.4 26.0



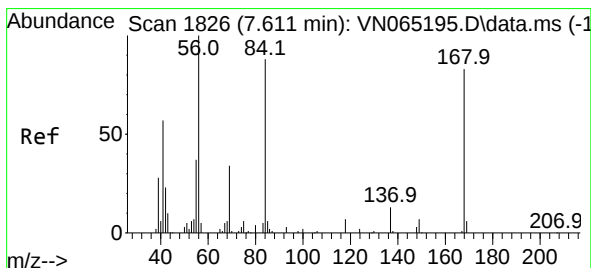
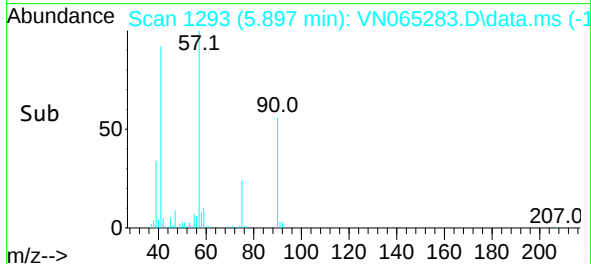
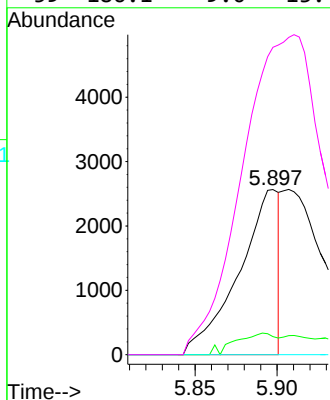


#22
Diisopropyl ether
Concen: 0.57 ug/l
RT: 5.897 min Scan# 1293
Delta R.T. -0.017 min
Lab File: VN065283.D
Acq: 28 Dec 2020 14:02

Instrument :
MSVOA_N
ClientSampled :

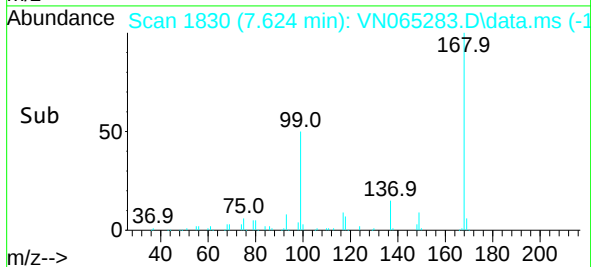
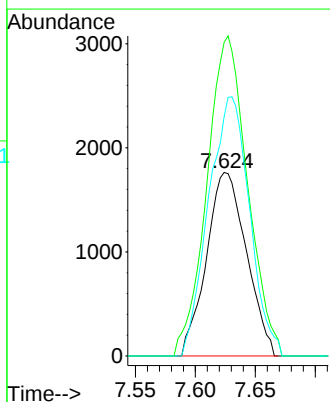
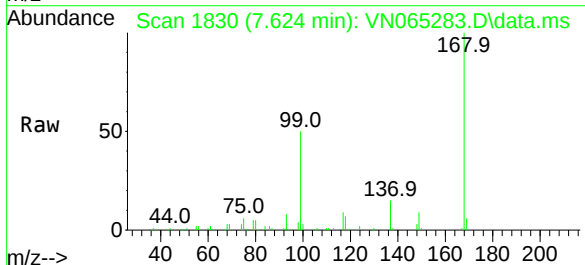


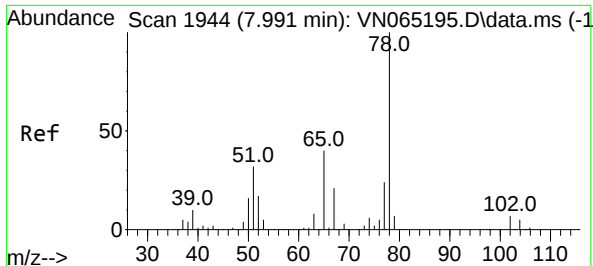
Tgt Ion: 45 Resp: 4354
Ion Ratio Lower Upper
45 100
43 11.0 46.2 69.2#
87 0.0 24.1 36.1#
59 186.1 9.0 13.4#



#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065283.D
Acq: 28 Dec 2020 14:02

Tgt Ion: 56 Resp: 4083
Ion Ratio Lower Upper
56 100
69 161.8 27.5 41.3#
84 130.4 73.9 110.9#

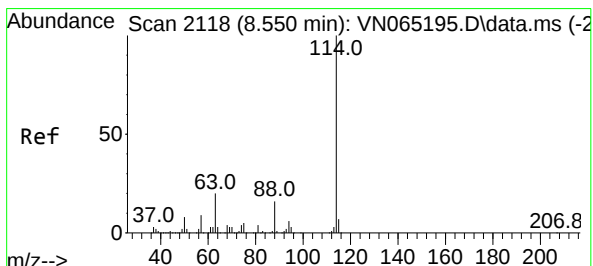
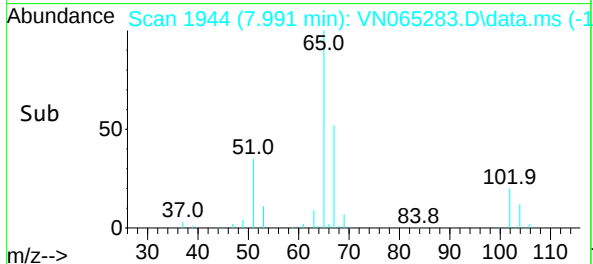
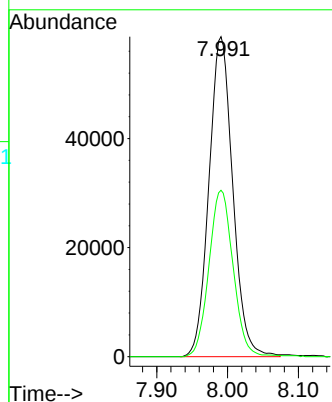
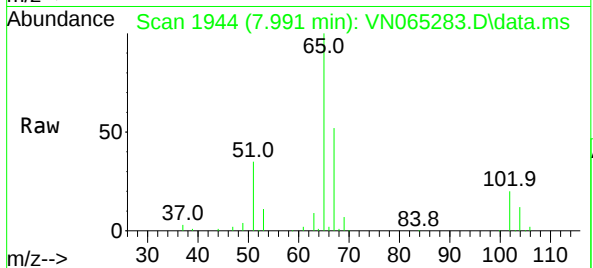




#33
1,2-Dichloroethane-d4
Concen: 51.05 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065283.D
Acq: 28 Dec 2020 14:02

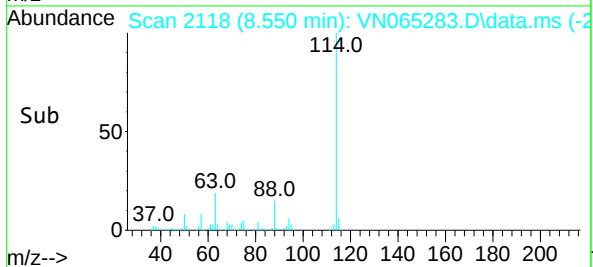
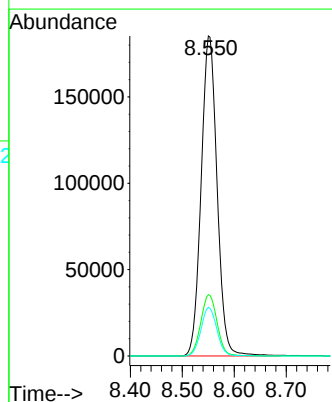
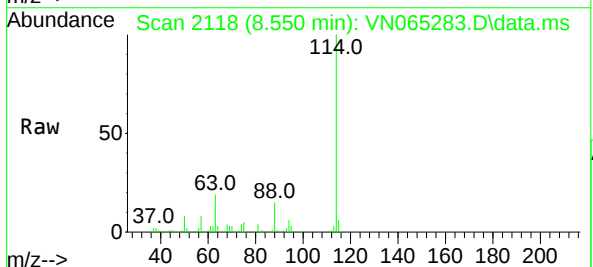
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 65 Resp: 137072
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065283.D
Acq: 28 Dec 2020 14:02

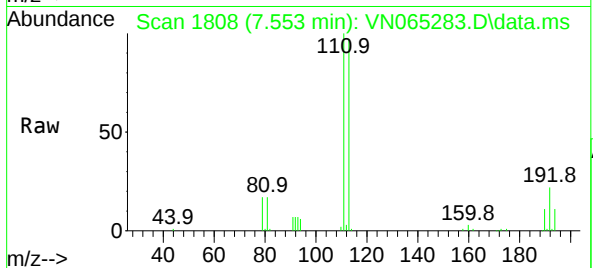
Tgt Ion: 114 Resp: 394175
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.6
88 15.2 0.0 32.6



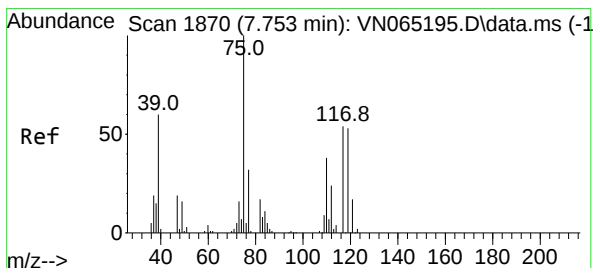
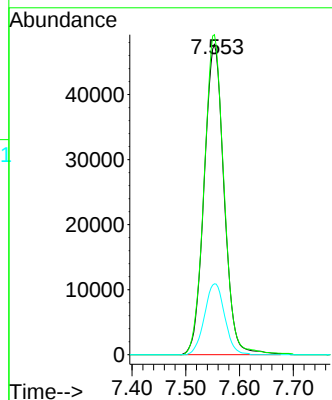
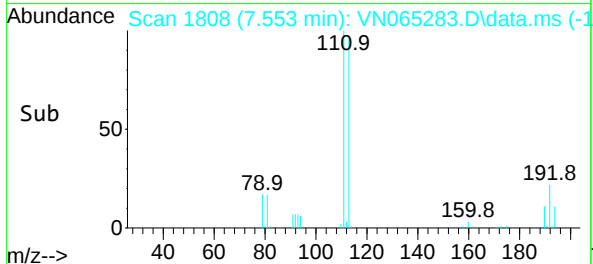


#35
Dibromofluoromethane
Concen: 51.66 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065283.D
Acq: 28 Dec 2020 14:02

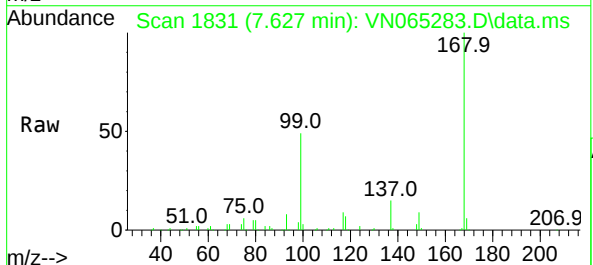
Instrument :
MSVOA_N
ClientSampled :



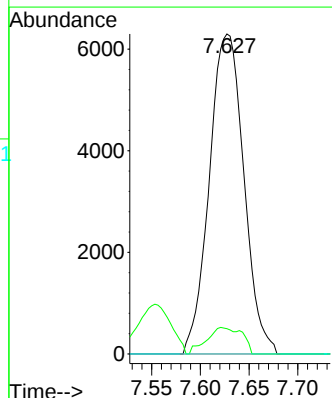
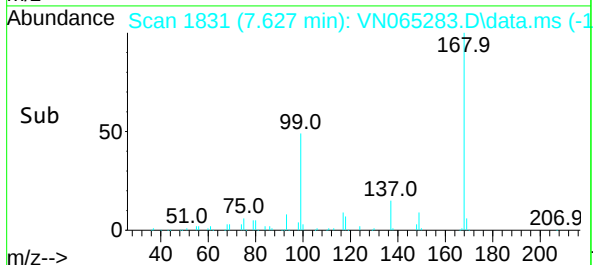
Tgt Ion:113 Resp: 122845
Ion Ratio Lower Upper
113 100
111 102.5 81.6 122.4
192 23.2 16.2 24.2

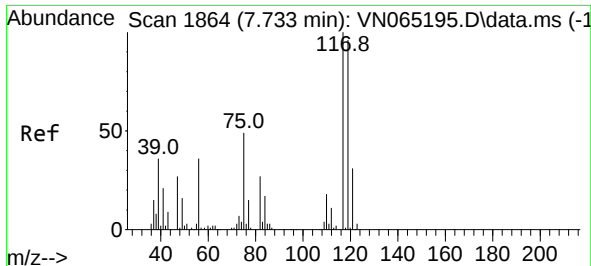


#36
1,1-Dichloropropene
Concen: 4.33 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065283.D
Acq: 28 Dec 2020 14:02



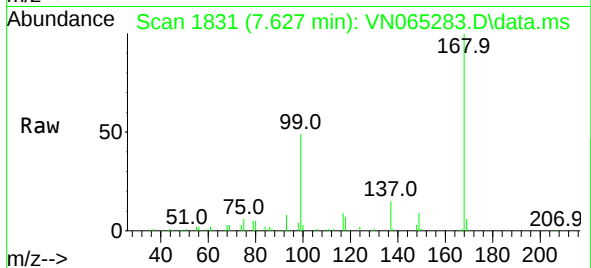
Tgt Ion: 75 Resp: 15535
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.3#
77 0.0 25.0 37.4#



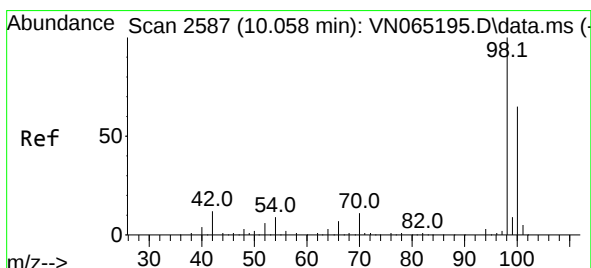
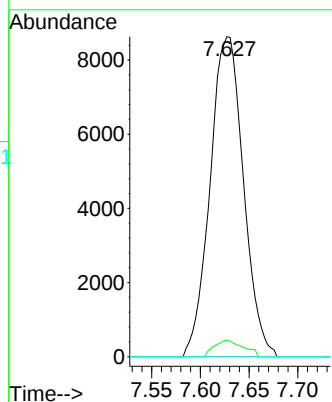
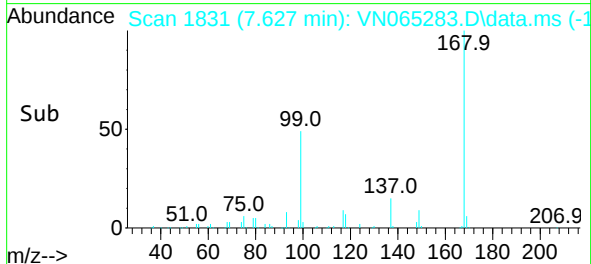


#38
Carbon Tetrachloride
Concen: 5.46 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065283.D
Acq: 28 Dec 2020 14:02

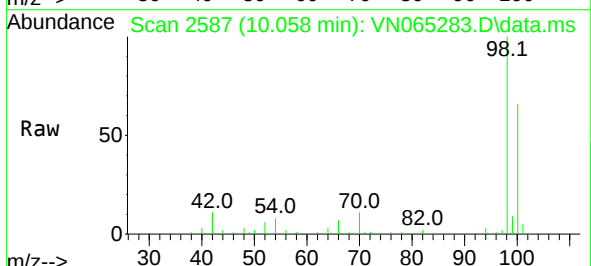
Instrument :
MSVOA_N
ClientSampled :



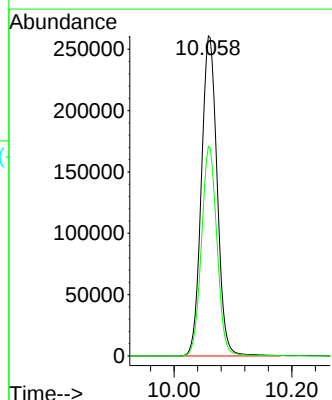
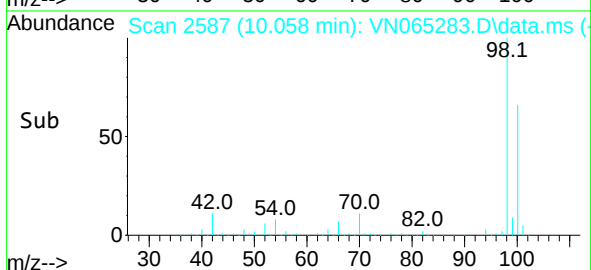
Tgt Ion:117 Resp: 20569
Ion Ratio Lower Upper
117 100
119 5.2 76.7 115.1#
121 0.0 25.4 38.2#

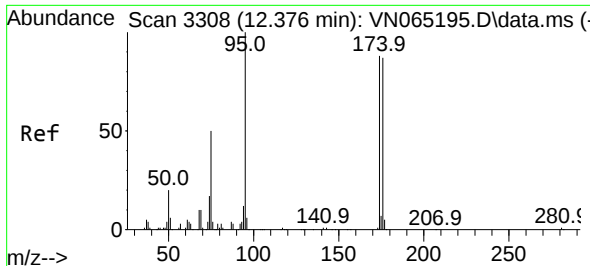


#50
Toluene-d8
Concen: 54.35 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065283.D
Acq: 28 Dec 2020 14:02



Tgt Ion: 98 Resp: 484402
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5

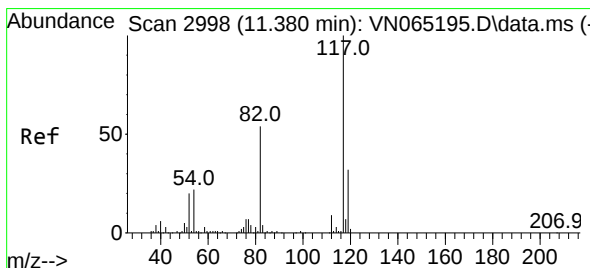
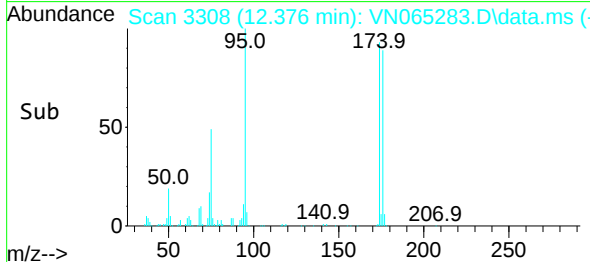
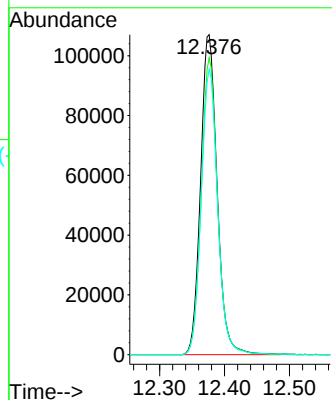
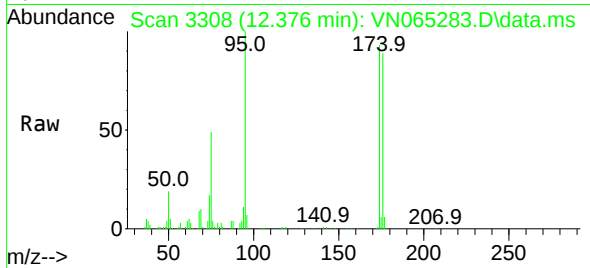




#62
4-Bromofluorobenzene
Concen: 53.60 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065283.D
Acq: 28 Dec 2020 14:02

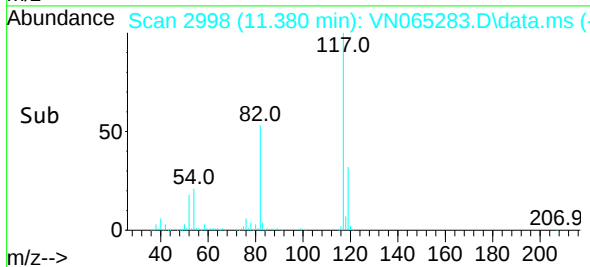
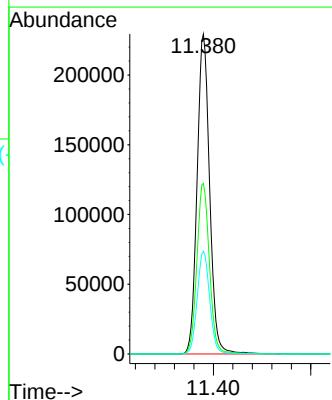
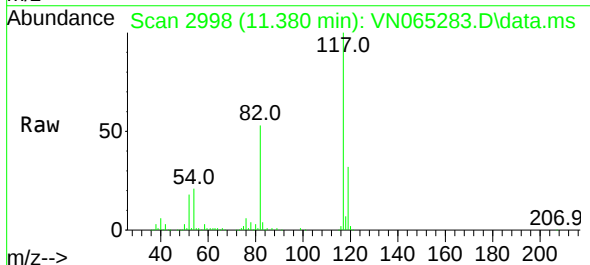
Instrument :
MSVOA_N
ClientSampled :

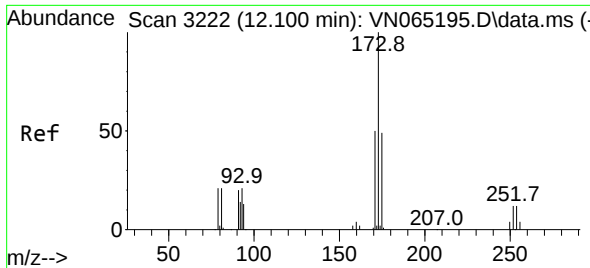
Tgt Ion: 95 Resp: 190368
Ion Ratio Lower Upper
95 100
174 91.2 0.0 160.4
176 88.4 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065283.D
Acq: 28 Dec 2020 14:02

Tgt Ion: 117 Resp: 409883
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.2
119 32.1 25.8 38.6

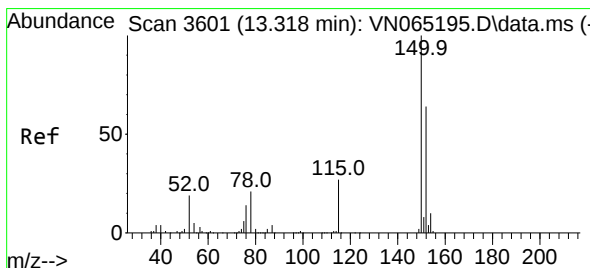
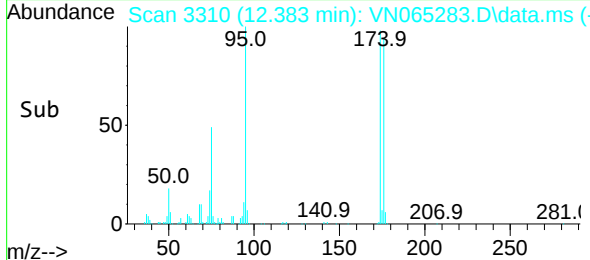
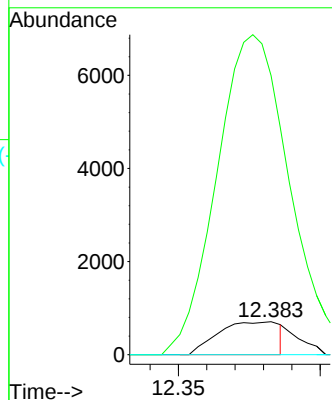
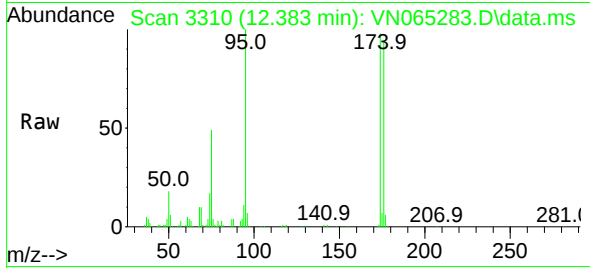




#71
Bromoform
Concen: 0.38 ug/l
RT: 12.383 min Scan# 3310
Delta R.T. 0.283 min
Lab File: VN065283.D
Acq: 28 Dec 2020 14:02

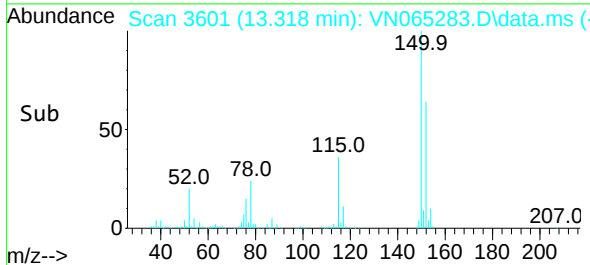
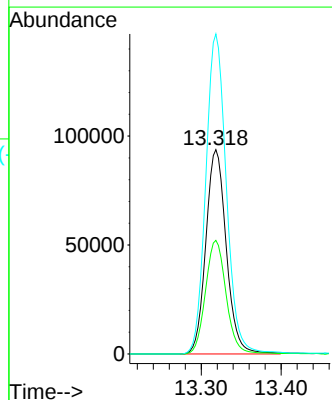
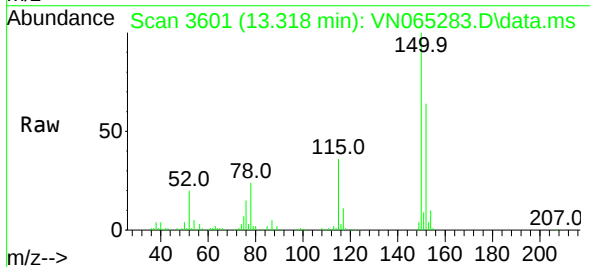
Instrument :
MSVOA_N
ClientSampleId :

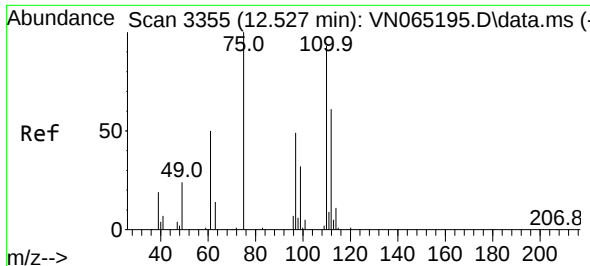
Tgt Ion:173 Resp: 1068
Ion Ratio Lower Upper
173 100
175 939.9 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065283.D
Acq: 28 Dec 2020 14:02

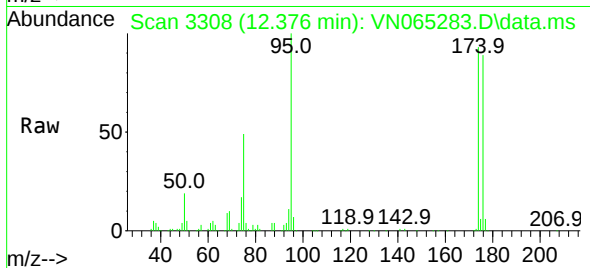
Tgt Ion:152 Resp: 167159
Ion Ratio Lower Upper
152 100
115 55.7 29.7 89.1
150 157.5 0.0 350.6



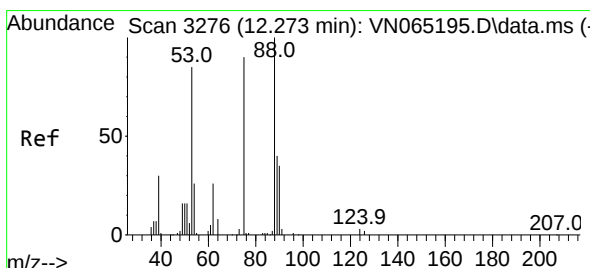
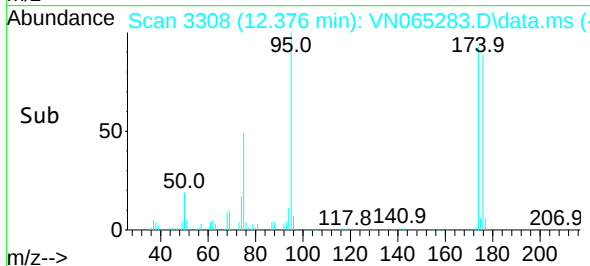
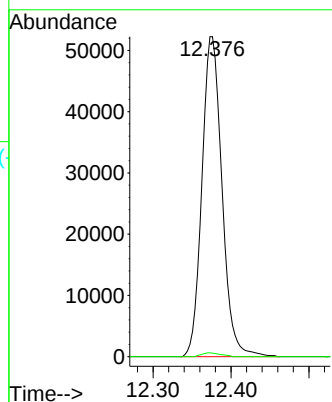


#76
1,2,3-Trichloropropane
Concen: 27.41 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065283.D
Acq: 28 Dec 2020 14:02

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 75 Resp: 93468
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.11 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065283.D
Acq: 28 Dec 2020 14:02

Tgt Ion: 75 Resp: 93468
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

