

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122920\
 Data File : VN065306.D
 Acq On : 29 Dec 2020 15:11
 Operator : JC/MD
 Sample : L5226-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 16883

Quant Time: Dec 30 00:56:45 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)

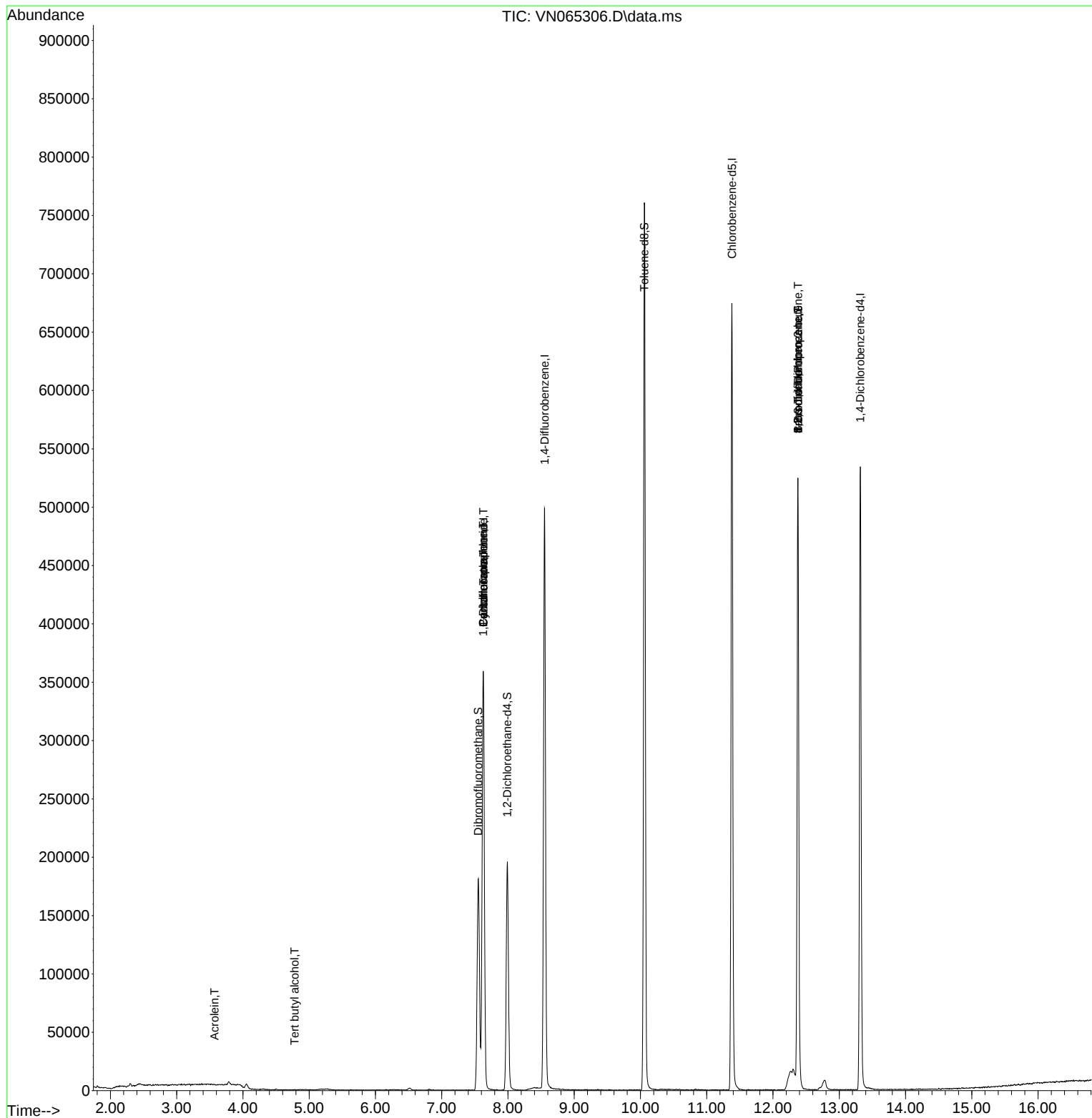
Internal Standards						
1) Pentafluorobenzene	7.627	168	326950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	466495	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	417247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	166706	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	169914	46.03	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 92.06%			
35) Dibromofluoromethane	7.550	113	141533	50.29	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.58%			
50) Toluene-d8	10.058	98	553056	52.43	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.86%			
62) 4-Bromofluorobenzene	12.376	95	180828	44.03	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 88.06%			
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.779	59	209	0.35	ug/l #	73
13) Acrolein	3.570	56	30	2.48	ug/l #	1
16) Acetone	3.782	43	3207	Below Cal	#	75
31) Cyclohexane	7.627	56	5254	0.96	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	20960	4.94	ug/l #	49
38) Carbon Tetrachloride	7.627	117	27327	6.13	ug/l #	16
71) Bromoform	12.376	173	1069	0.38	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	89867	26.42	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	89867	66.63	ug/l #	15

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

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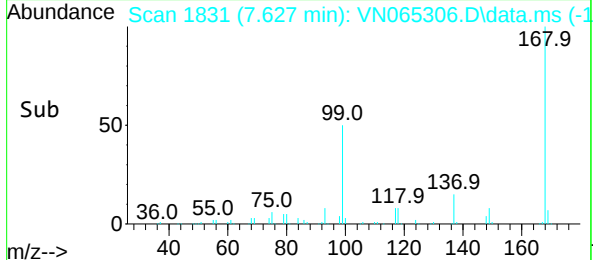
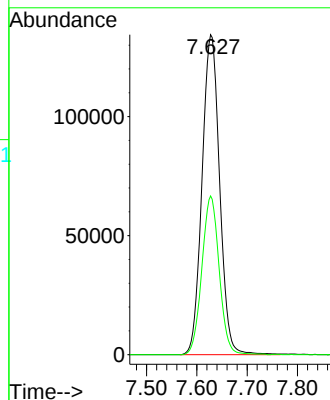
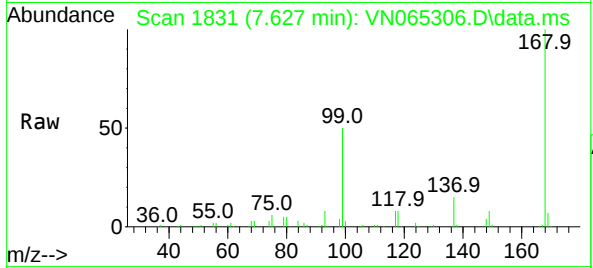




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065306.D
Acq: 29 Dec 2020 15:11

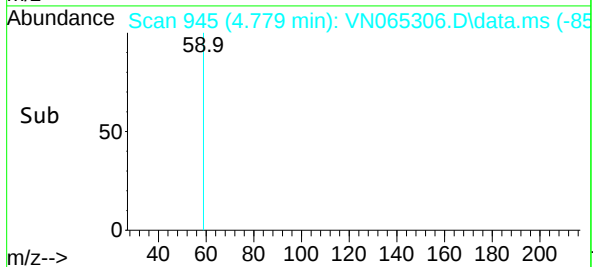
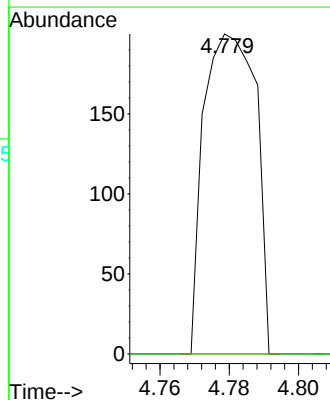
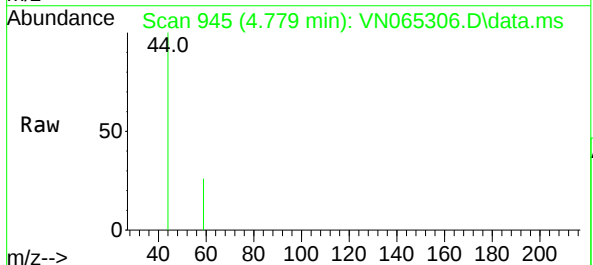
Instrument :
MSVOA_N
ClientSampleId :
16883

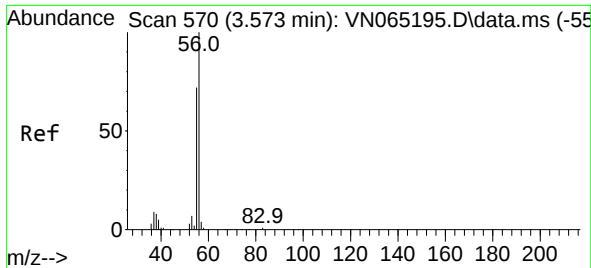
Tgt Ion:168 Resp: 326950
Ion Ratio Lower Upper
168 100
99 49.6 43.0 64.4



#11
Tert butyl alcohol
Concen: 0.35 ug/l
RT: 4.779 min Scan# 945
Delta R.T. 0.007 min
Lab File: VN065306.D
Acq: 29 Dec 2020 15:11

Tgt Ion: 59 Resp: 209
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

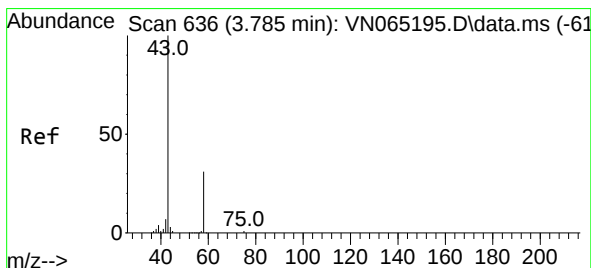
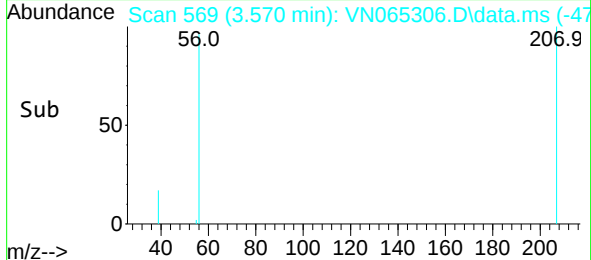
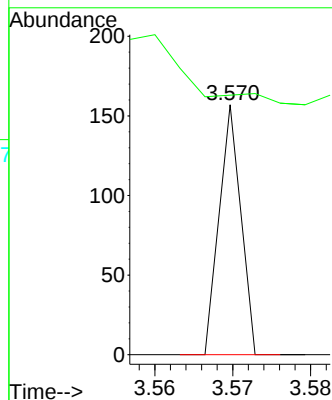
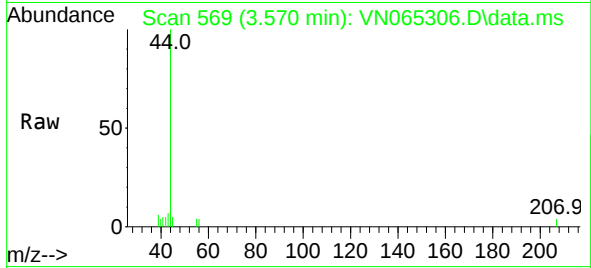




#13
Acrolein
Concen: 2.48 ug/l
RT: 3.570 min Scan# 569
Delta R.T. -0.003 min
Lab File: VN065306.D
Acq: 29 Dec 2020 15:11

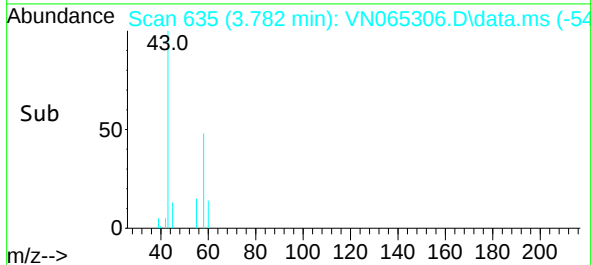
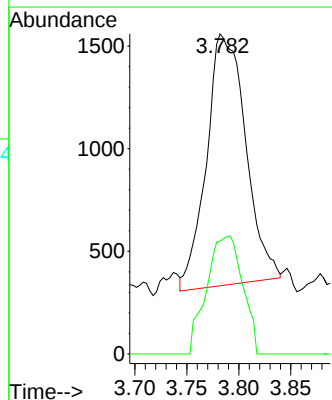
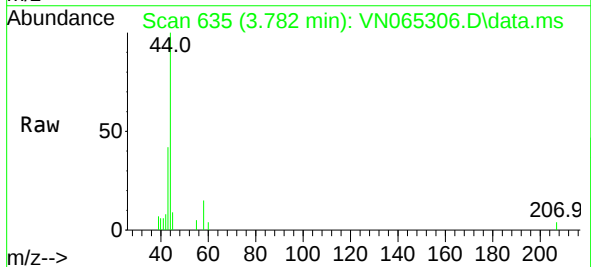
Instrument :
MSVOA_N
ClientSampled :
16883

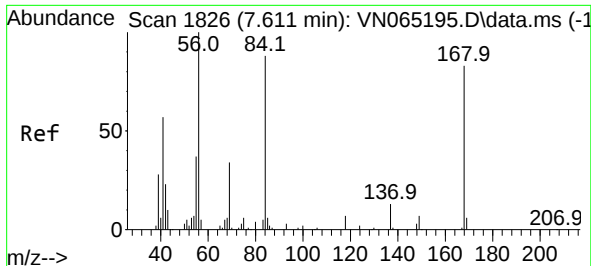
Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 1203.3 56.5 84.7#



#16
Acetone
Concen: Below Cal
RT: 3.782 min Scan# 635
Delta R.T. -0.003 min
Lab File: VN065306.D
Acq: 29 Dec 2020 15:11

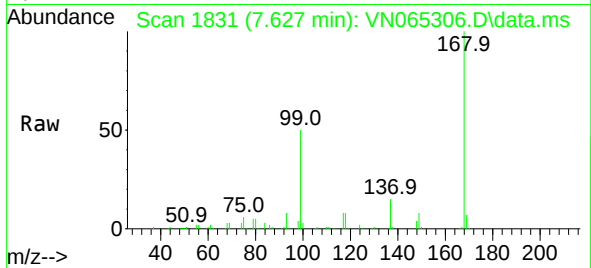
Tgt Ion: 43 Resp: 3207
Ion Ratio Lower Upper
43 100
58 46.2 25.7 38.5#



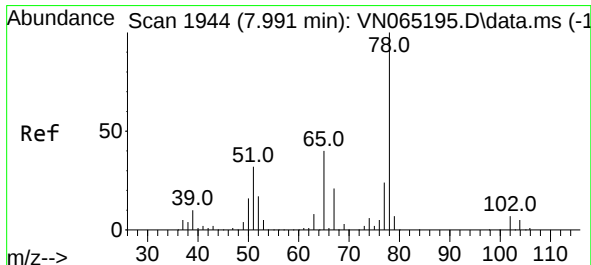
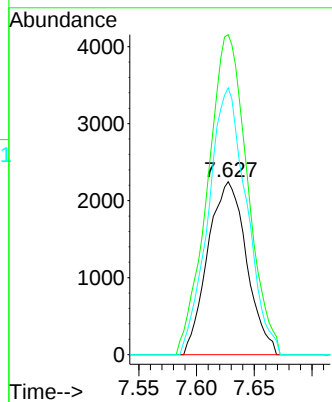
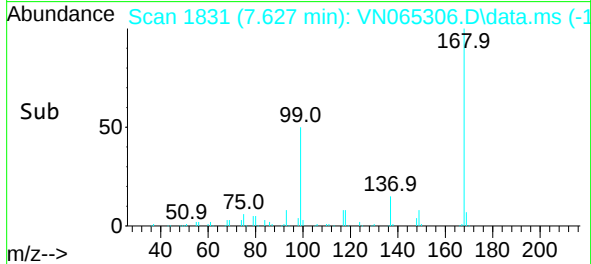


#31
Cyclohexane
Concen: 0.96 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065306.D
Acq: 29 Dec 2020 15:11

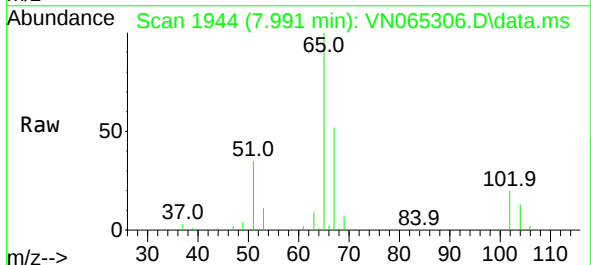
Instrument :
MSVOA_N
ClientSampled :
16883



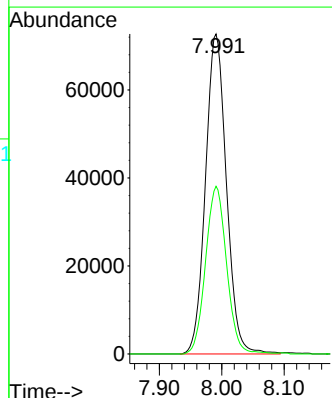
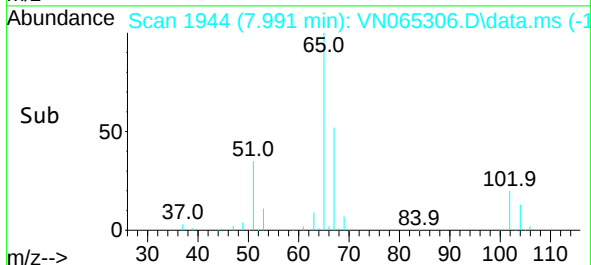
Tgt Ion: 56 Resp: 5254
Ion Ratio Lower Upper
56 100
69 185.1 27.5 41.3#
84 154.4 73.9 110.9#

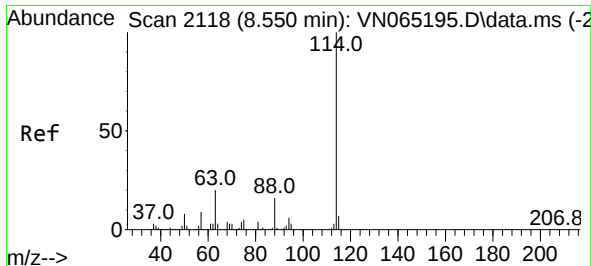


#33
1,2-Dichloroethane-d4
Concen: 46.03 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065306.D
Acq: 29 Dec 2020 15:11



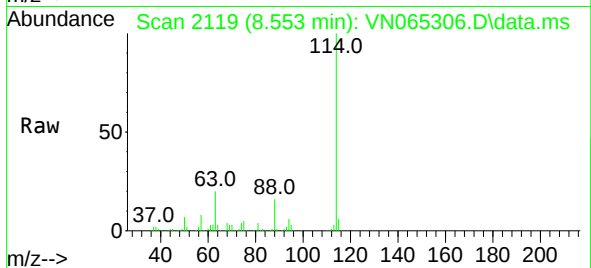
Tgt Ion: 65 Resp: 169914
Ion Ratio Lower Upper
65 100
67 52.6 0.0 108.2



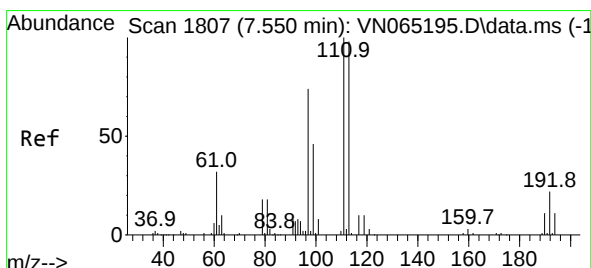
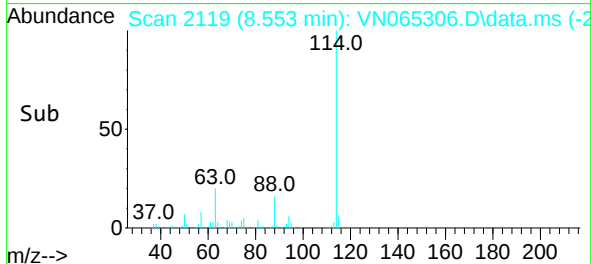
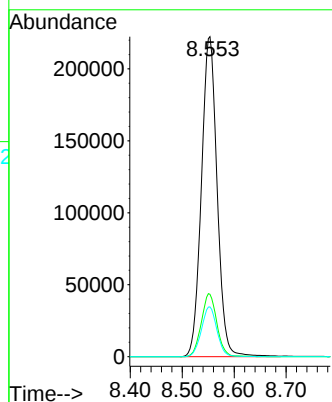


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065306.D
Acq: 29 Dec 2020 15:11

Instrument :
MSVOA_N
ClientSampled :
16883

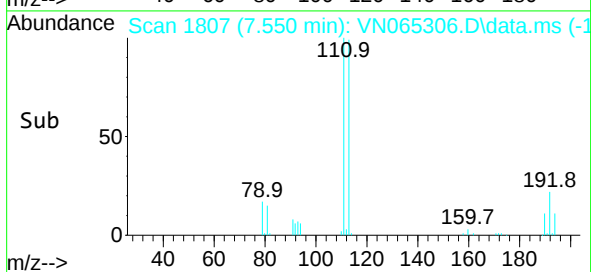
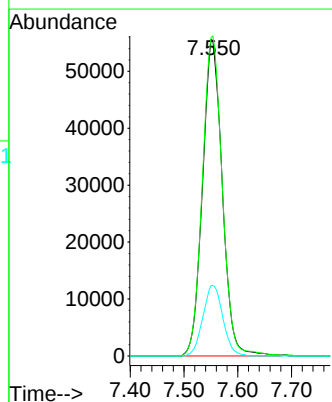
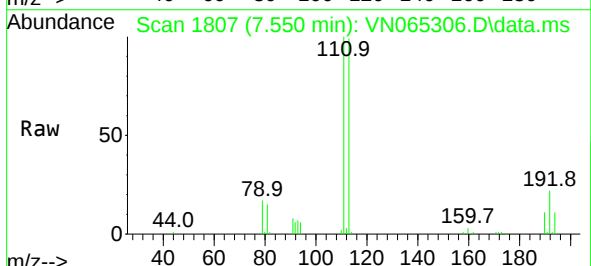


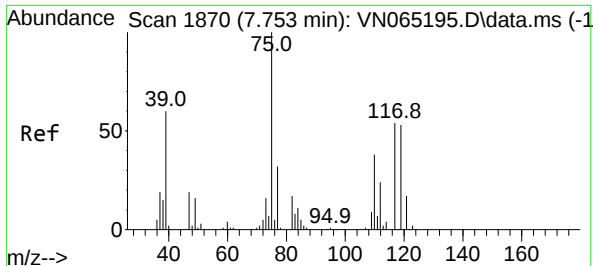
Tgt Ion:114 Resp: 466495
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 15.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.29 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065306.D
Acq: 29 Dec 2020 15:11

Tgt Ion:113 Resp: 141533
Ion Ratio Lower Upper
113 100
111 101.9 81.6 122.4
192 22.6 16.2 24.2

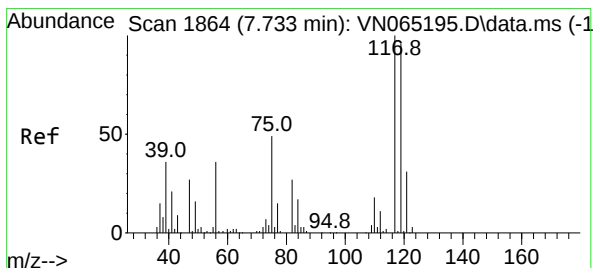
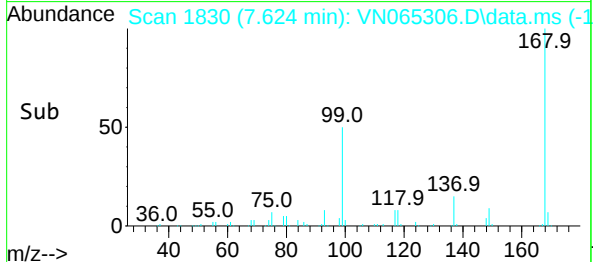
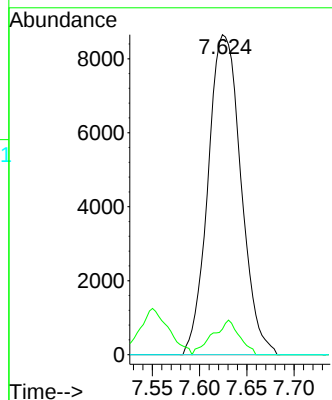
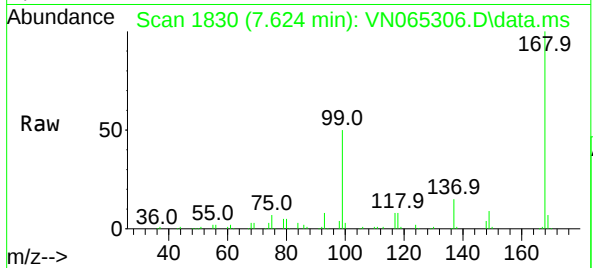




#36
1,1-Dichloropropene
Concen: 4.94 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN065306.D
Acq: 29 Dec 2020 15:11

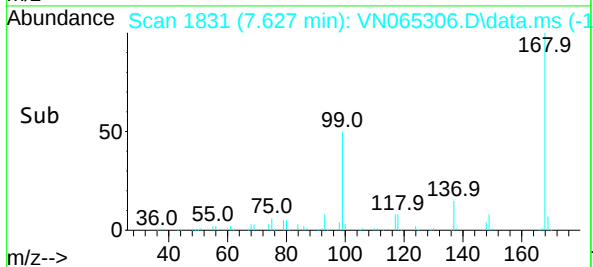
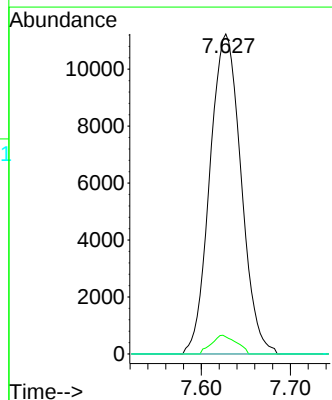
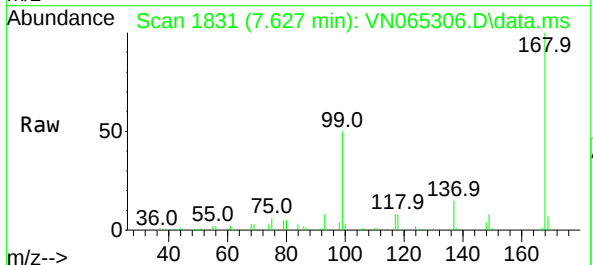
Instrument :
MSVOA_N
ClientSampled :
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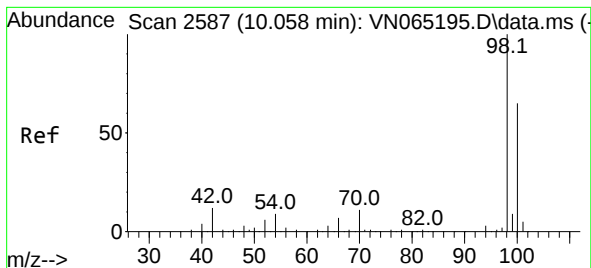
Tgt Ion: 75 Resp: 20960
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.13 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065306.D
Acq: 29 Dec 2020 15:11

Tgt Ion: 117 Resp: 27327
Ion Ratio Lower Upper
117 100
119 5.4 76.7 115.1#
121 0.0 25.4 38.2#

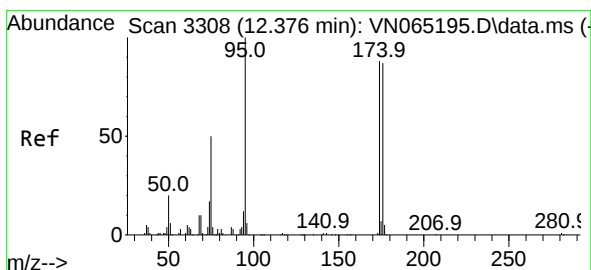
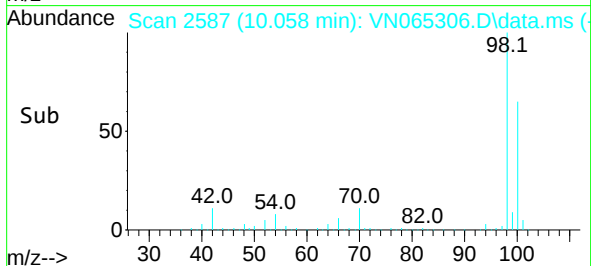
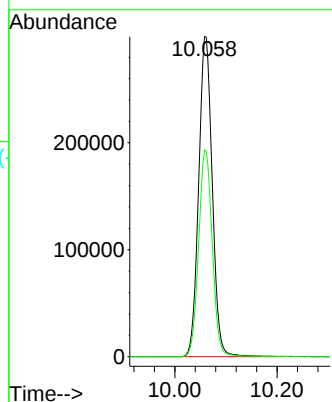
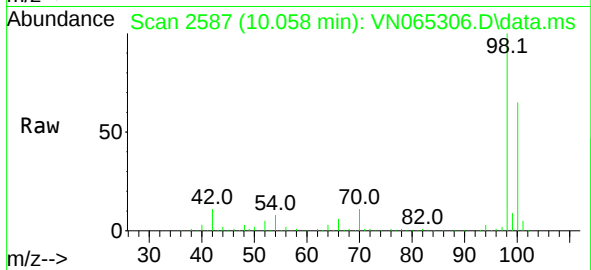




#50
Toluene-d8
Concen: 52.43 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065306.D
Acq: 29 Dec 2020 15:11

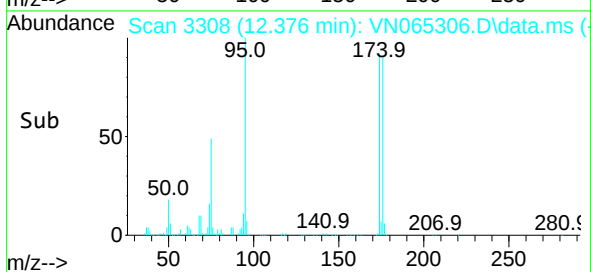
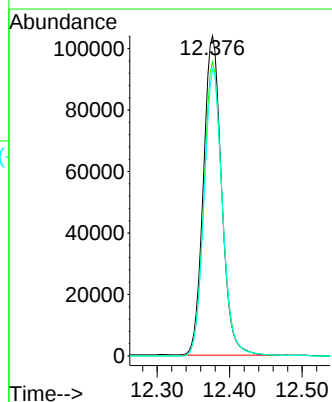
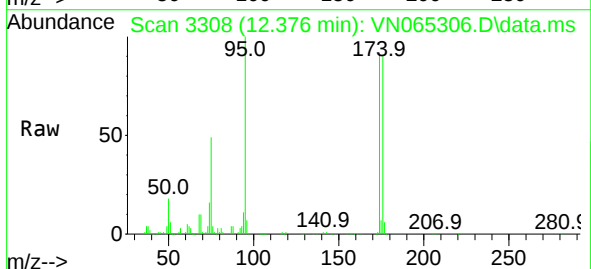
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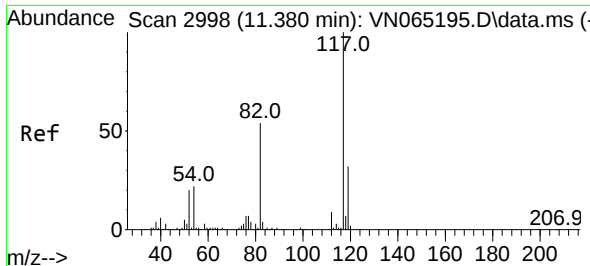
Tgt Ion: 98 Resp: 553056
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.03 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065306.D
Acq: 29 Dec 2020 15:11

Tgt Ion: 95 Resp: 180828
Ion Ratio Lower Upper
95 100
174 93.2 0.0 160.4
176 91.0 0.0 158.4

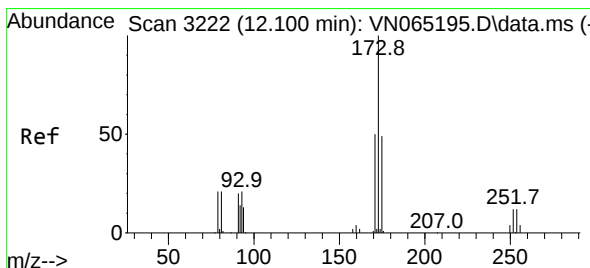
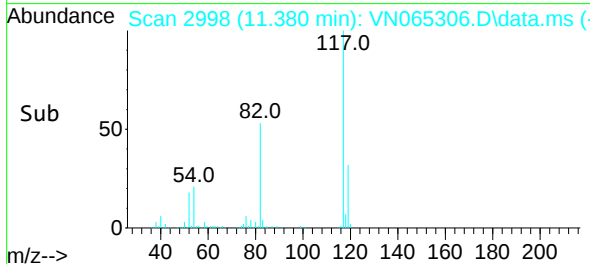
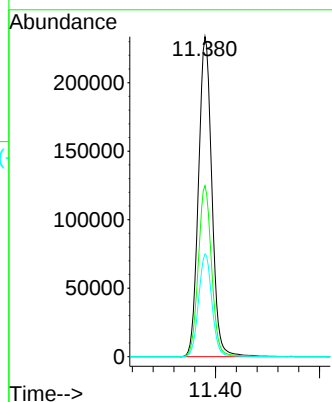
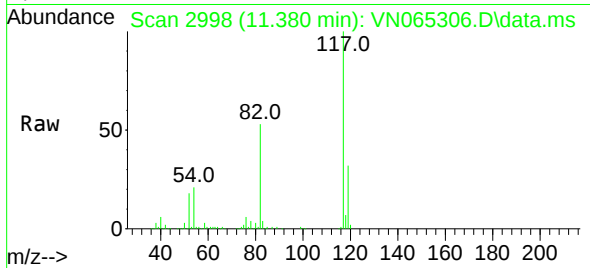




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065306.D
Acq: 29 Dec 2020 15:11

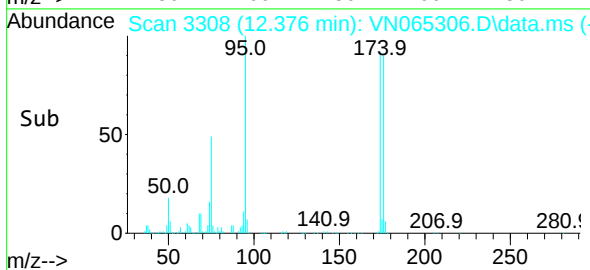
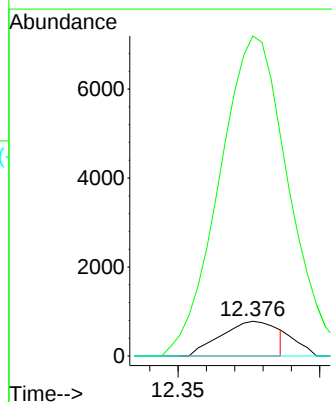
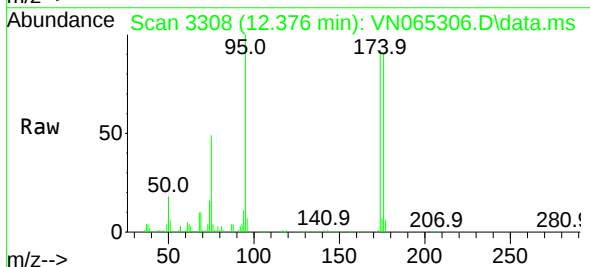
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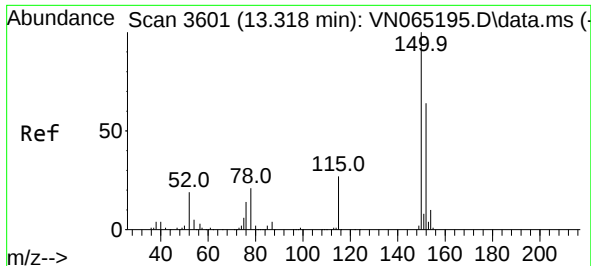
Tgt Ion:117 Resp: 417247
Ion Ratio Lower Upper
117 100
82 53.4 44.2 66.2
119 32.1 25.8 38.6



#71
Bromoform
Concen: 0.38 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065306.D
Acq: 29 Dec 2020 15:11

Tgt Ion:173 Resp: 1069
Ion Ratio Lower Upper
173 100
175 942.9 24.3 72.8#
254 0.0 0.0 0.0

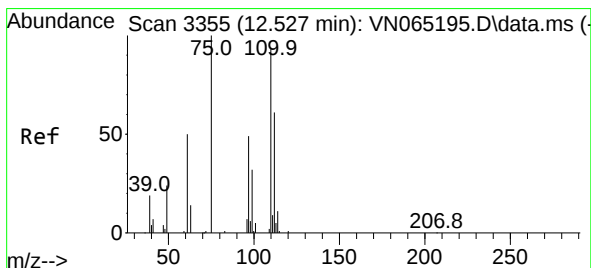
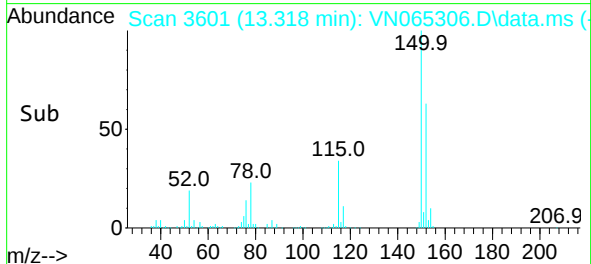
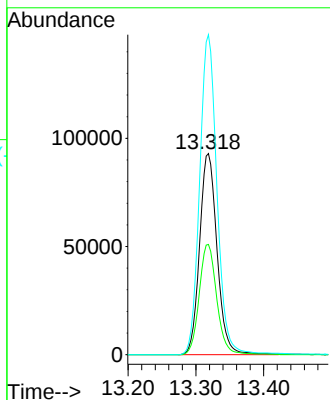
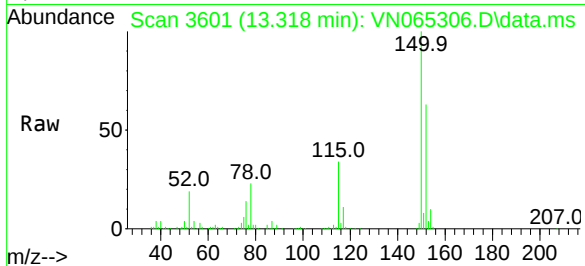




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065306.D
Acq: 29 Dec 2020 15:11

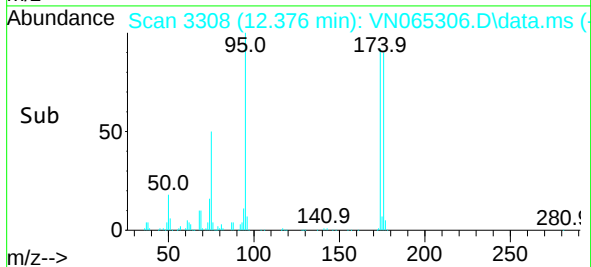
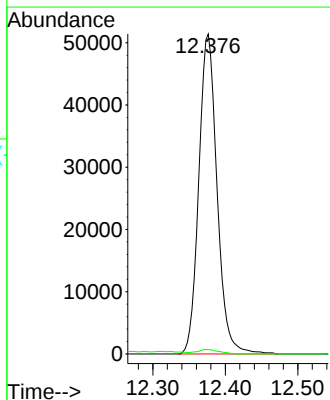
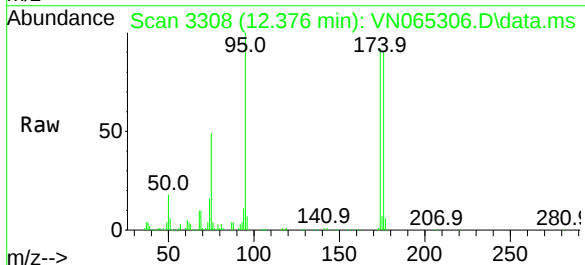
Instrument :
MSVOA_N
ClientSampled :
16883

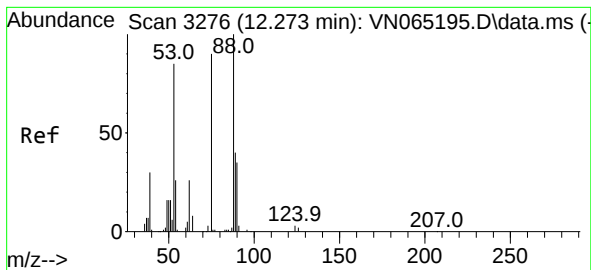
Tgt Ion:152 Resp: 166706
Ion Ratio Lower Upper
152 100
115 54.8 29.7 89.1
150 157.9 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 26.42 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065306.D
Acq: 29 Dec 2020 15:11

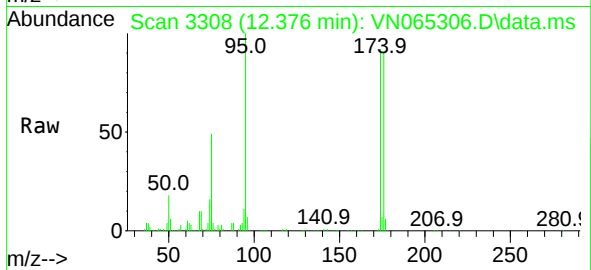
Tgt Ion: 75 Resp: 89867
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.63 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065306.D
Acq: 29 Dec 2020 15:11

Instrument :
MSVOA_N
ClientSampleId :
16883



Tgt Ion:	75	Resp:	89867
Ion	Ratio	Lower	Upper
75	100		
53	0.2	67.0	100.4#
89	0.0	39.6	59.4#

