

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101619\  
 Data File : VN058803.D  
 Acq On : 16 Oct 2019 15:49  
 Operator : JC/SP  
 Sample : K5399-08  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 FA19-GMZ3-TB1

Quant Time: Oct 17 01:33:53 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N101319W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Oct 12 00:00:30 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	385175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	615466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	547643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	217608	50.00	ug/l	0.00

## System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	290807	53.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.86%	
35) Dibromofluoromethane	7.57	113	206214	54.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.48%	
50) Toluene-d8	10.08	98	785643	51.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.41	95	258190	44.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.74%	

## Target Compounds

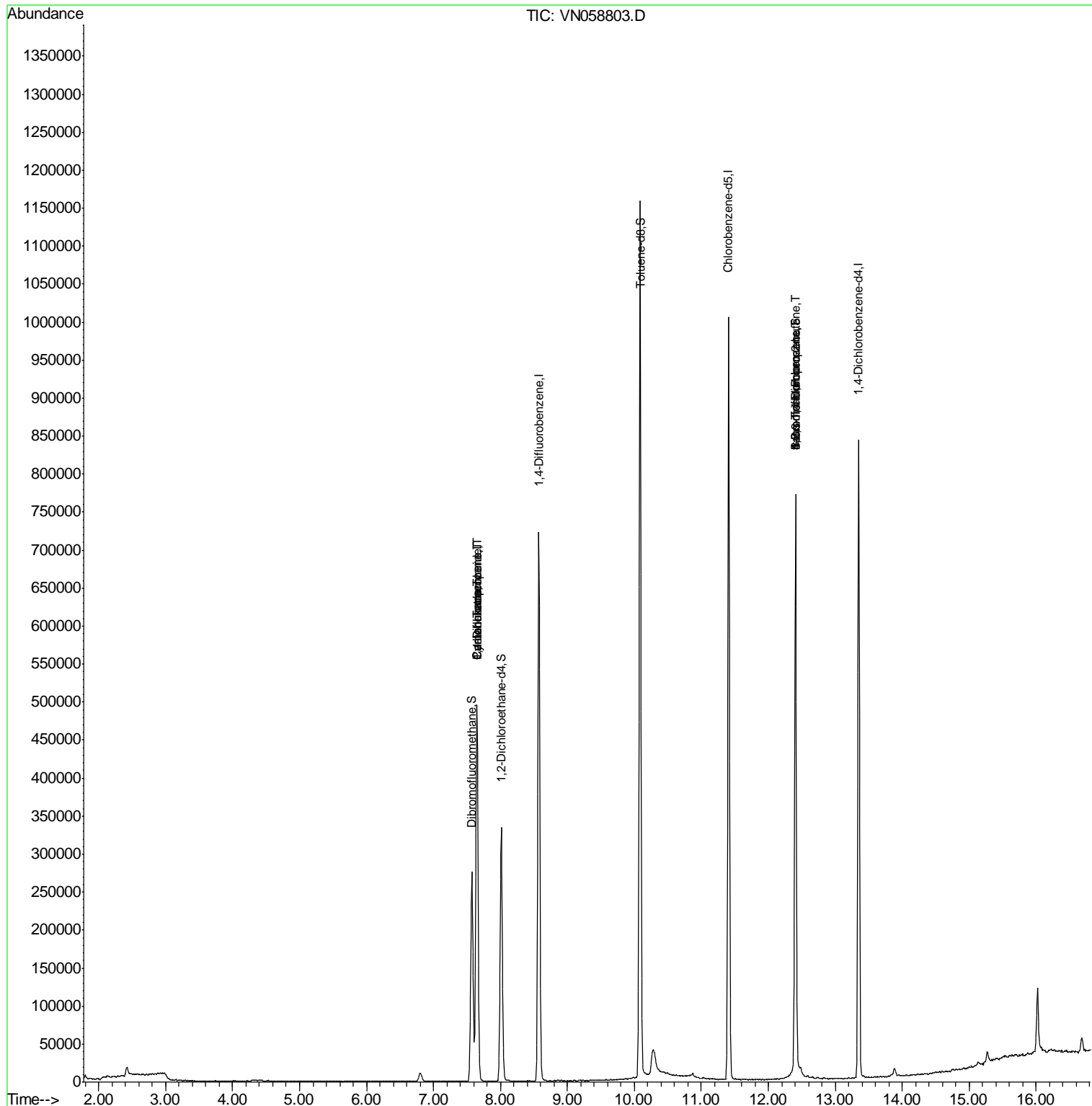
						Qvalue
31) Cyclohexane	7.65	56	9883	1.250	ug/l #	24
36) 1,1-Dichloropropene	7.65	75	32020	5.146	ug/l #	51
38) Carbon Tetrachloride	7.65	117	39539	6.519	ug/l #	16
71) Bromoform	12.41	173	1909	0.633	ug/l #	1
76) 1,2,3-Trichloropropane	12.41	75	137514	28.806	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	137514	77.162	ug/l #	11

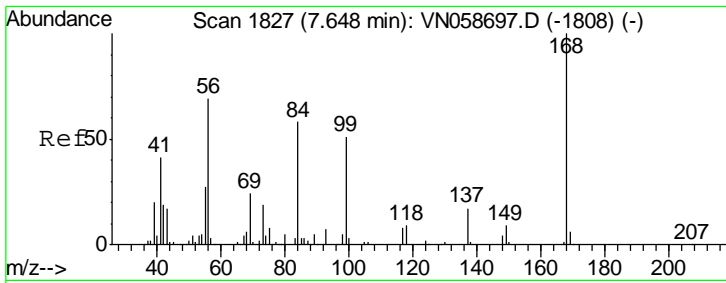
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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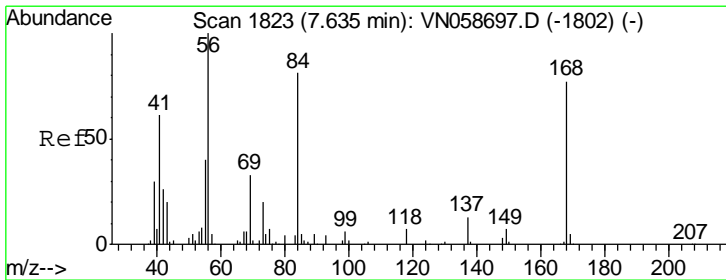
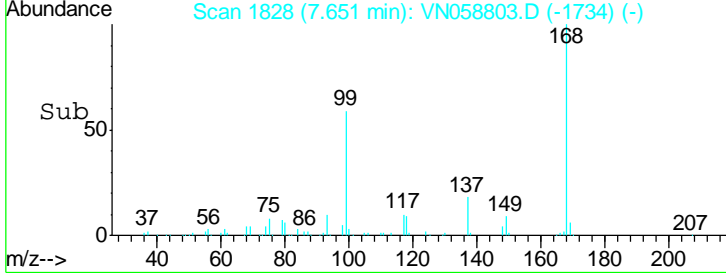
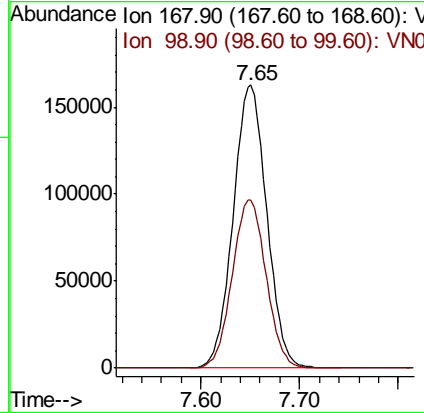
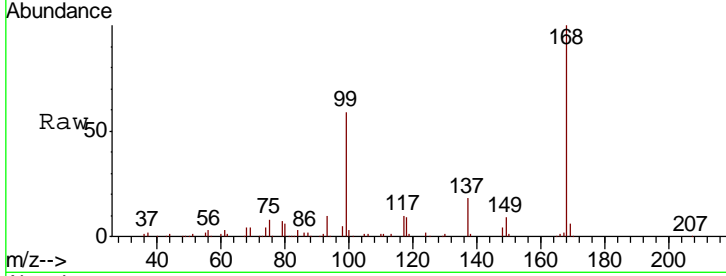




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.65 min Scan# 1828  
 Delta R.T. 0.00 min  
 Lab File: VN058803.D  
 Acq: 16 Oct 2019 15:49

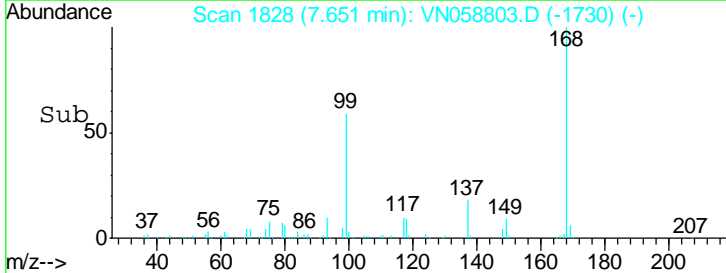
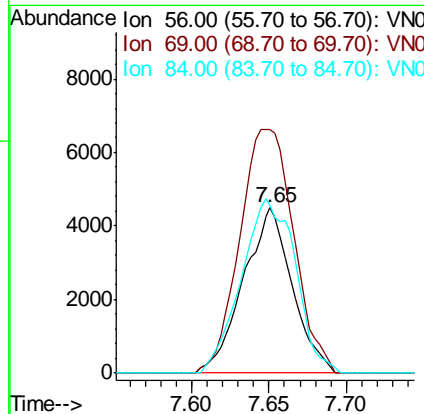
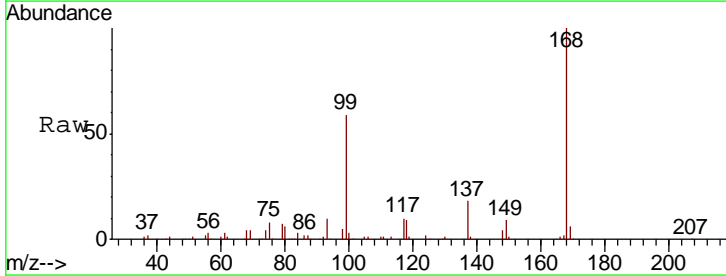
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 FA19-GMZ3-TB1

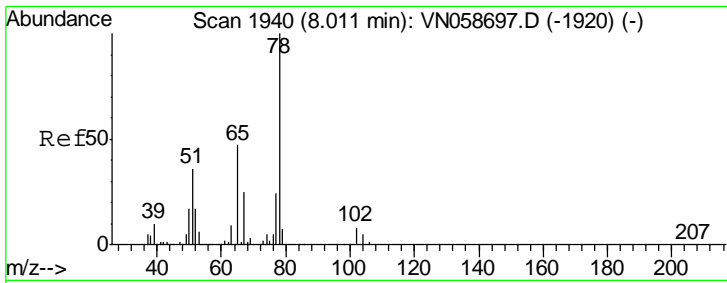
Tgt Ion	Resp	Lower	Upper
168	100		
99	59.3	47.5	71.3



#31  
 Cyclohexane  
 Concen: 1.250 ug/l  
 RT: 7.65 min Scan# 1828  
 Delta R.T. 0.02 min  
 Lab File: VN058803.D  
 Acq: 16 Oct 2019 15:49

Tgt Ion	Resp	Lower	Upper
56	100		
69	147.6	26.2	39.4#
84	102.3	64.9	97.3#

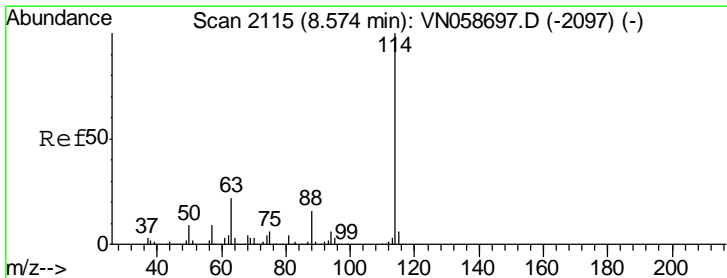
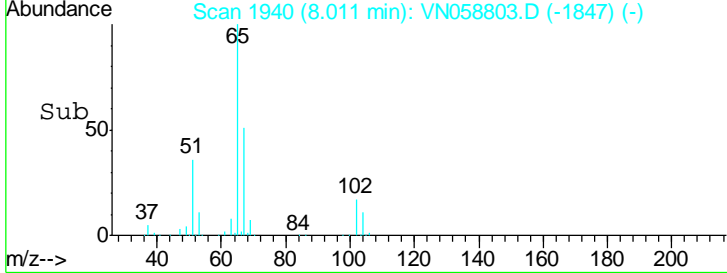
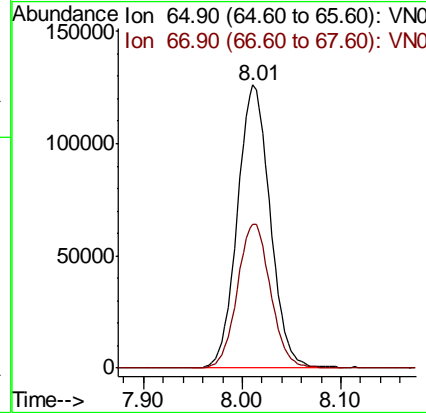
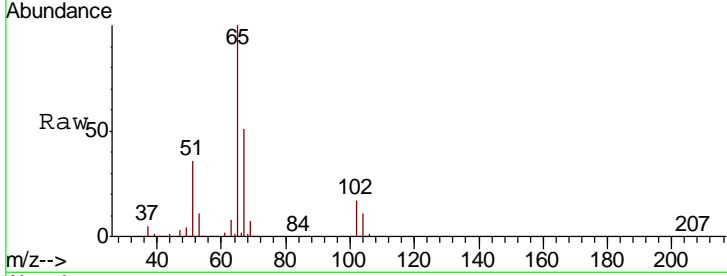




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.929 ug/l  
 RT: 8.01 min Scan# 1940  
 Delta R.T. -0.00 min  
 Lab File: VN058803.D  
 Acq: 16 Oct 2019 15:49

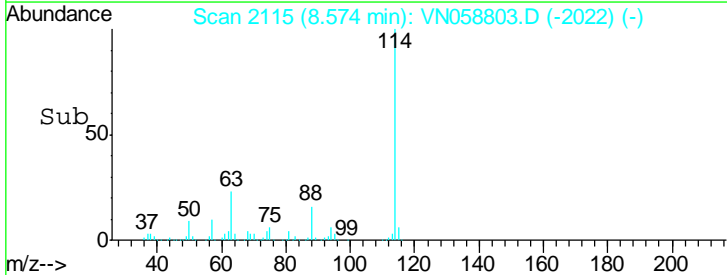
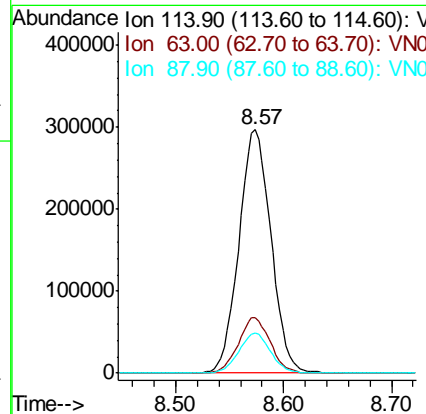
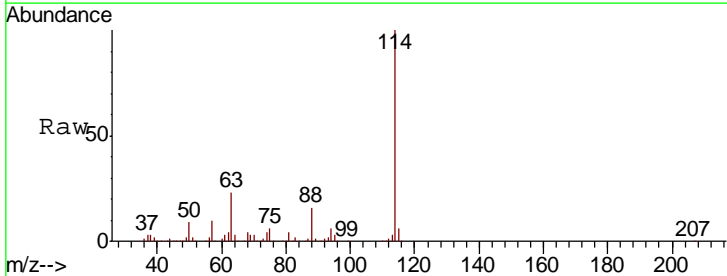
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 FA19-GMZ3-TB1

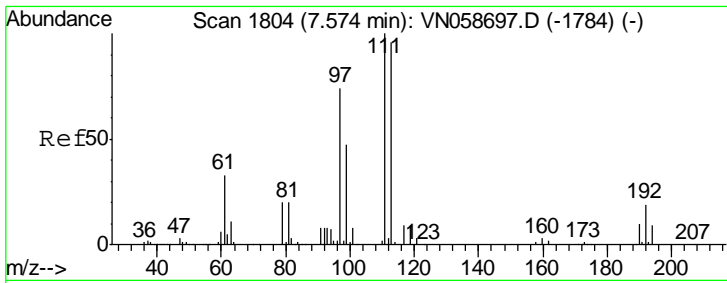
Tgt Ion	Resp	Lower	Upper
65	100		
67	51.6	0.0	103.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2115  
 Delta R.T. -0.00 min  
 Lab File: VN058803.D  
 Acq: 16 Oct 2019 15:49

Tgt Ion	Resp	Lower	Upper
114	100		
63	22.7	0.0	43.8
88	16.5	0.0	32.0

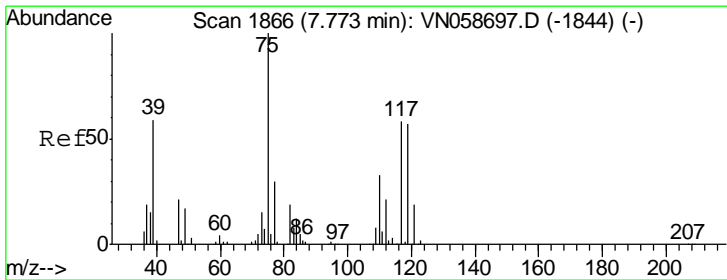
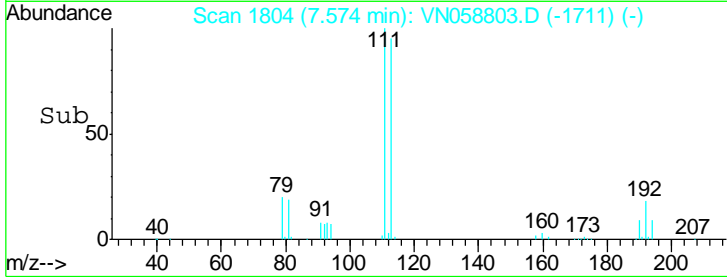
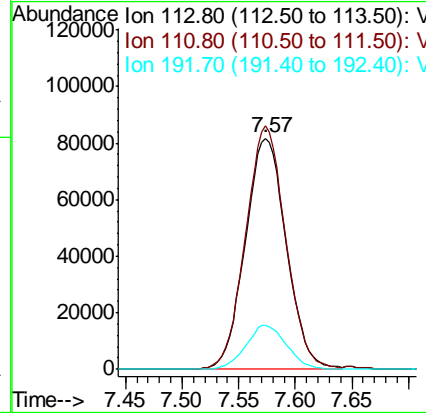
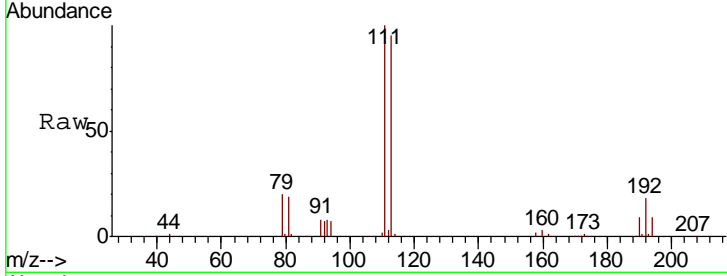




#35  
 Dibromofluoromethane  
 Concen: 54.244 ug/l  
 RT: 7.57 min Scan# 1804  
 Delta R.T. -0.00 min  
 Lab File: VN058803.D  
 Acq: 16 Oct 2019 15:49

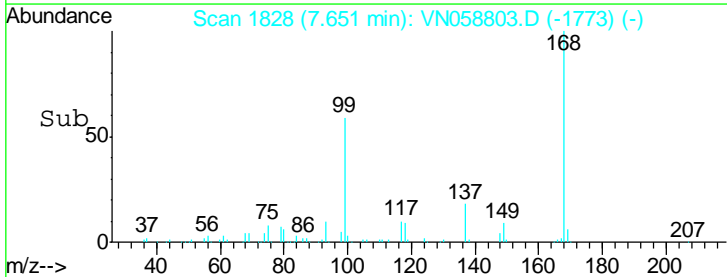
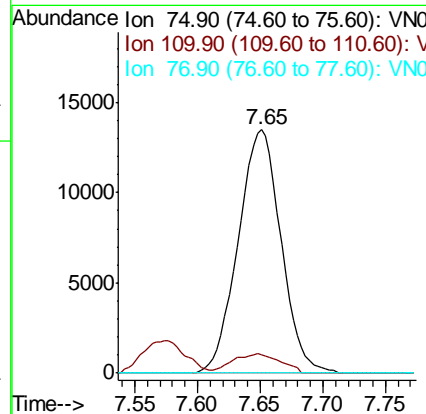
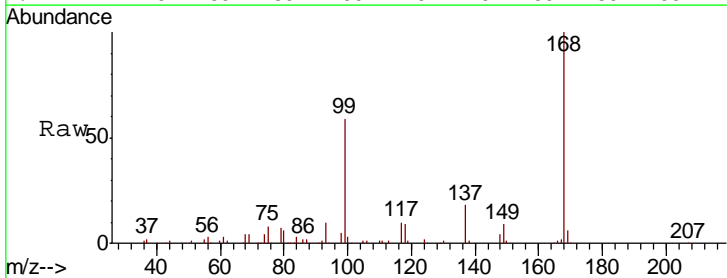
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 FA19-GMZ3-TB1

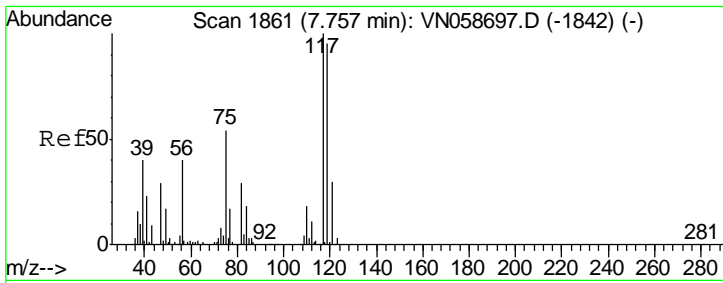
Tgt Ion	Resp	Lower	Upper
113	100		
111	102.9	82.3	123.5
192	18.9	15.0	22.6



#36  
 1,1-Dichloropropene  
 Concen: 5.146 ug/l  
 RT: 7.65 min Scan# 1828  
 Delta R.T. -0.12 min  
 Lab File: VN058803.D  
 Acq: 16 Oct 2019 15:49

Tgt Ion	Resp	Lower	Upper
75	100		
110	9.0	16.6	49.8#
77	0.0	24.6	37.0#

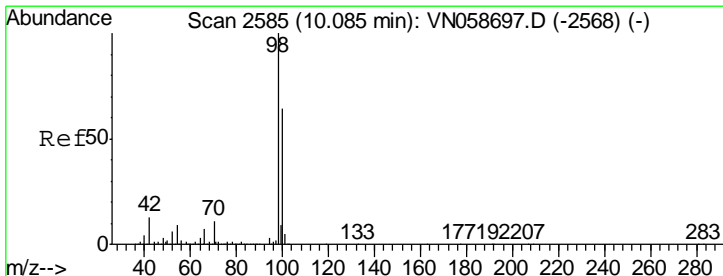
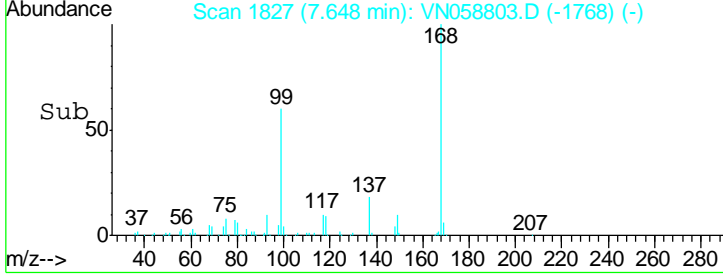
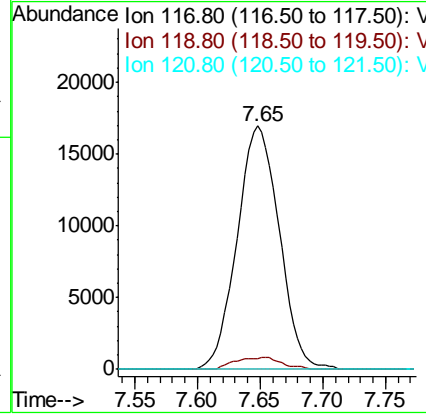
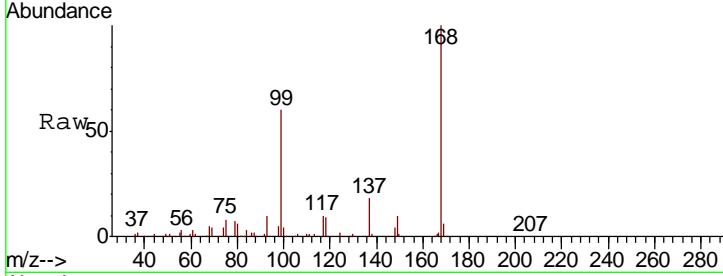




#38  
 Carbon Tetrachloride  
 Concen: 6.519 ug/l  
 RT: 7.65 min Scan# 1827  
 Delta R.T. -0.11 min  
 Lab File: VN058803.D  
 Acq: 16 Oct 2019 15:49

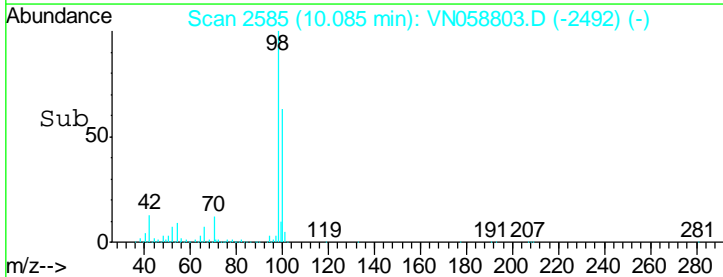
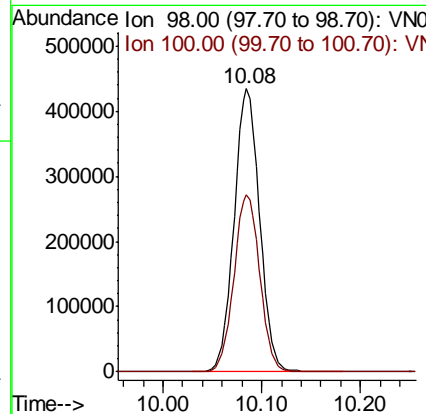
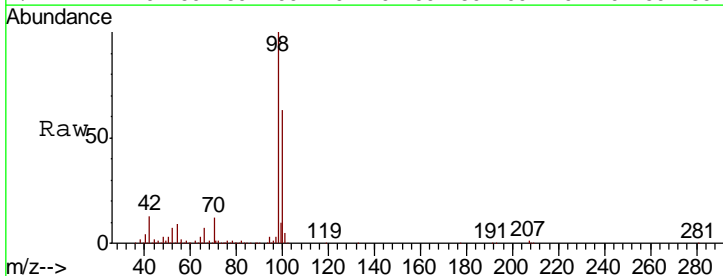
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 FA19-GMZ3-TB1

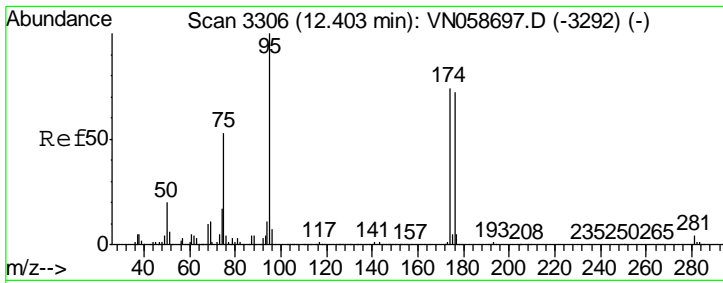
Tgt Ion	Resp	Lower	Upper
117	100		
119	4.6	75.7	113.5#
121	0.0	23.9	35.9#



#50  
 Toluene-d8  
 Concen: 51.680 ug/l  
 RT: 10.08 min Scan# 2585  
 Delta R.T. -0.00 min  
 Lab File: VN058803.D  
 Acq: 16 Oct 2019 15:49

Tgt Ion	Resp	Lower	Upper
98	100		
100	63.5	51.1	76.7

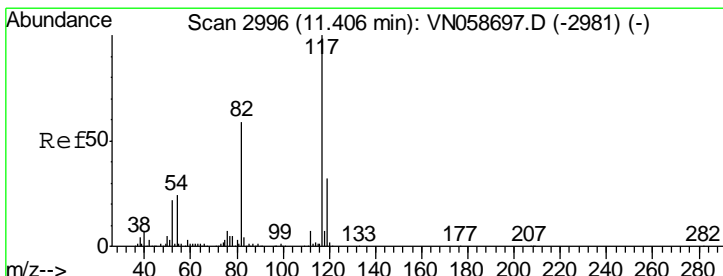
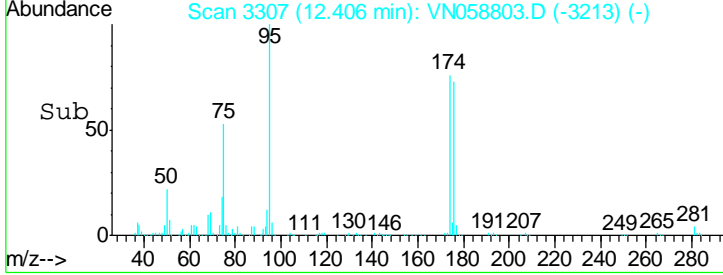
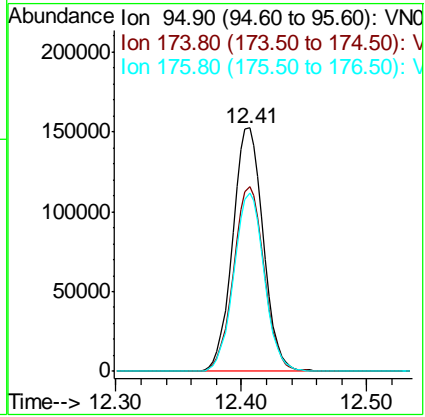
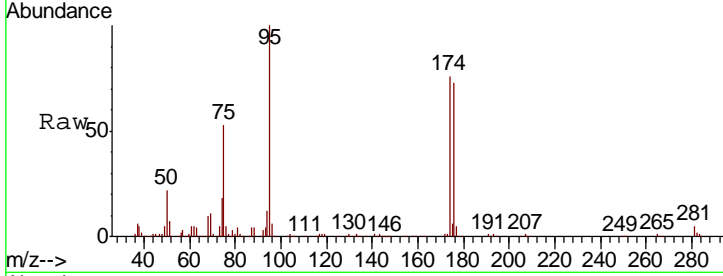




#62  
 4-Bromofluorobenzene  
 Concen: 44.868 ug/l  
 RT: 12.41 min Scan# 3307  
 Delta R.T. 0.00 min  
 Lab File: VN058803.D  
 Acq: 16 Oct 2019 15:49

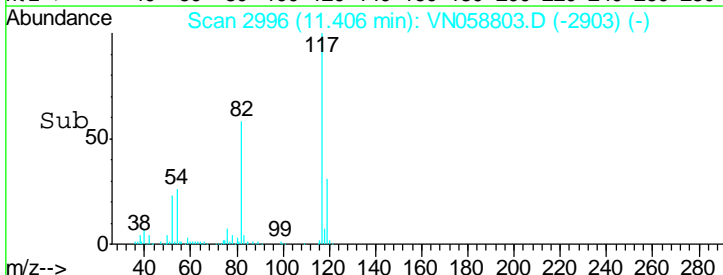
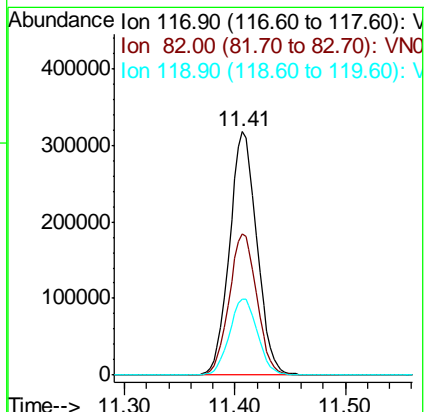
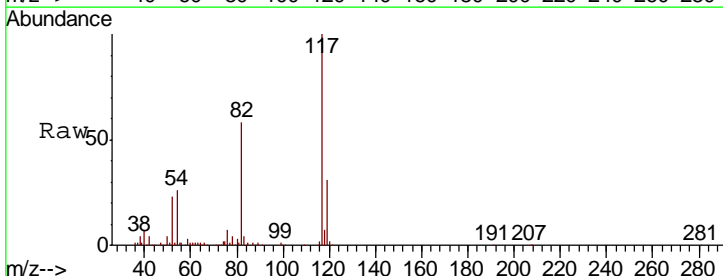
Instrument : MSVOA\_N  
 ClientSampled : FA19-GMZ3-TB1

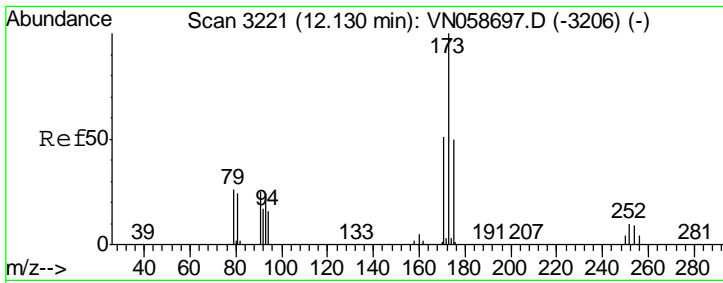
Tgt Ion	Resp	Lower	Upper
95	258190		
174	76.2	0.0	150.4
176	72.8	0.0	146.8



#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.41 min Scan# 2996  
 Delta R.T. -0.00 min  
 Lab File: VN058803.D  
 Acq: 16 Oct 2019 15:49

Tgt Ion	Resp	Lower	Upper
117	547643		
82	58.0	47.0	70.4
119	31.3	25.4	38.2

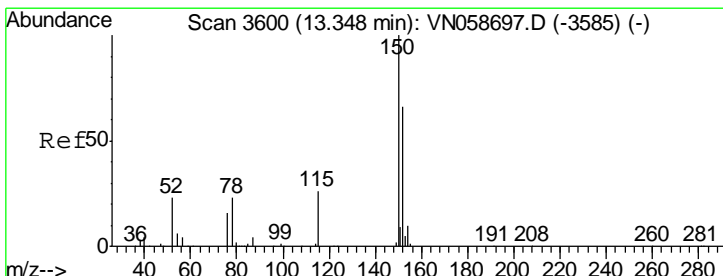
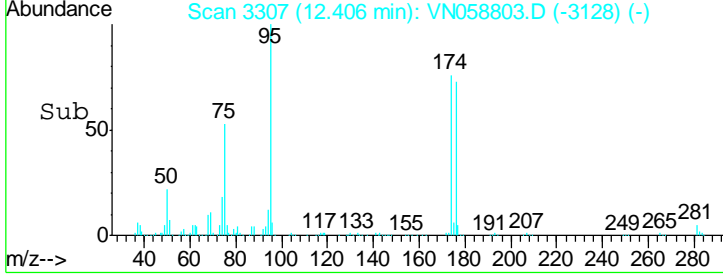
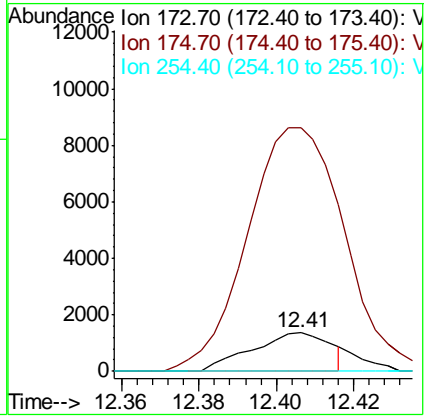
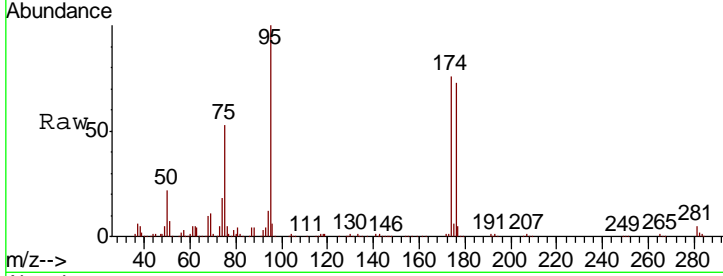




#71  
 Bromoform  
 Concen: 0.633 ug/l  
 RT: 12.41 min Scan# 3307  
 Delta R.T. 0.28 min  
 Lab File: VN058803.D  
 Acq: 16 Oct 2019 15:49

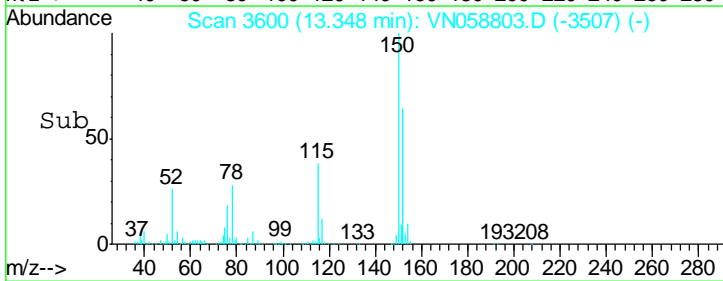
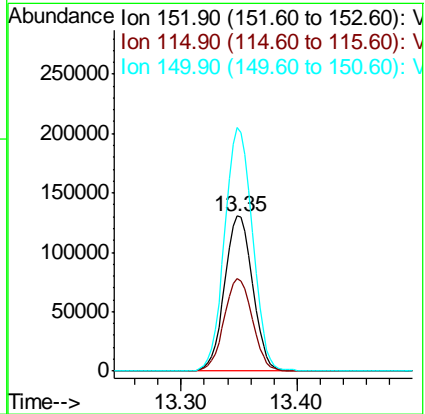
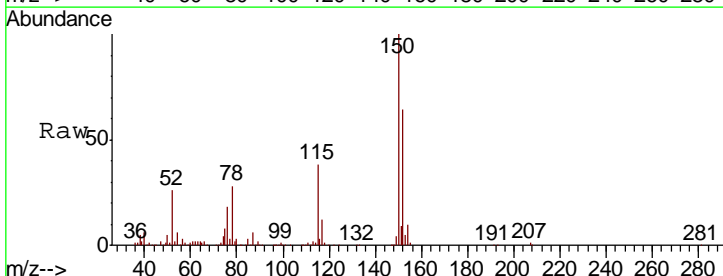
Instrument : MSVOA\_N  
 ClientSampled : FA19-GMZ3-TB1

Tgt Ion	Resp	Lower	Upper
173	1909		
175	683.9	24.6	73.8#
254	0.0	0.1	0.1#

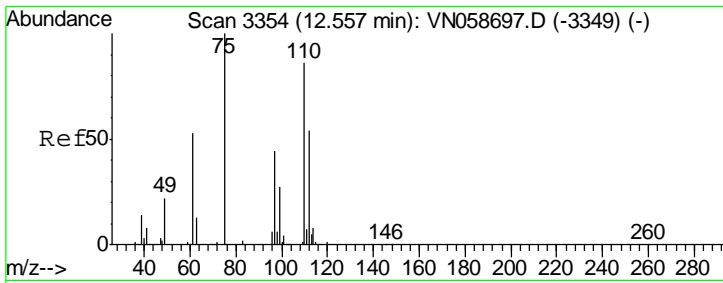


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.35 min Scan# 3600  
 Delta R.T. -0.00 min  
 Lab File: VN058803.D  
 Acq: 16 Oct 2019 15:49

Tgt Ion	Resp	Lower	Upper
152	217608		
115	60.1	30.4	91.2
150	156.6	0.0	345.4



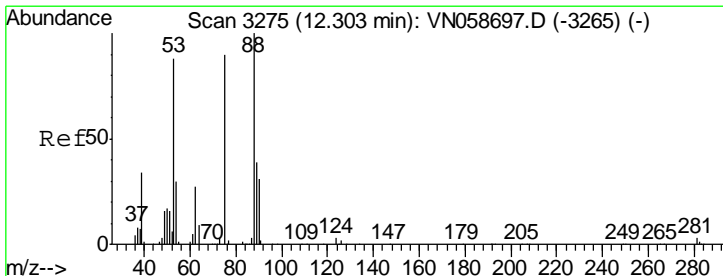
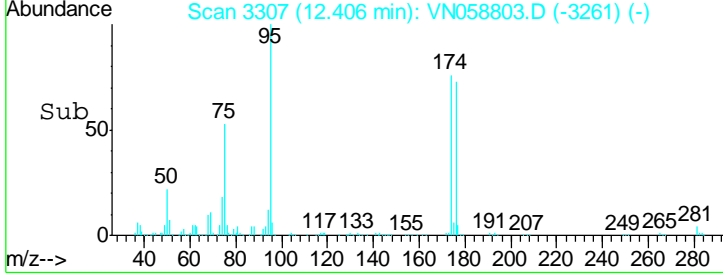
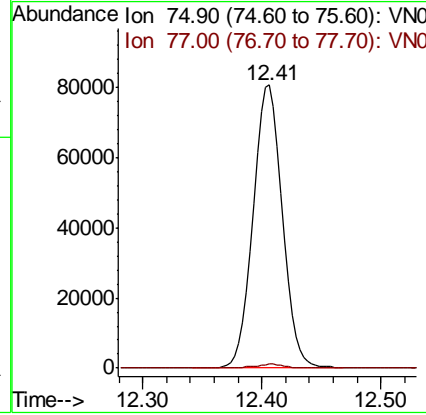
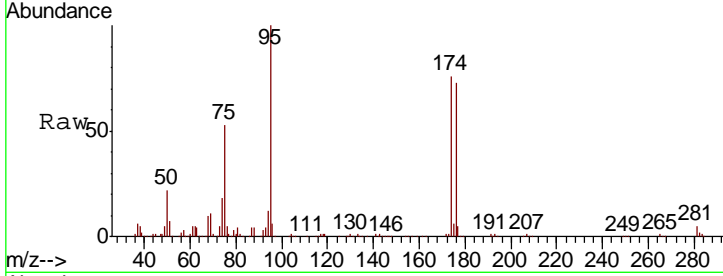




#76  
 1,2,3-Trichloropropane  
 Concen: 28.806 ug/l  
 RT: 12.41 min Scan# 3307  
 Delta R.T. -0.15 min  
 Lab File: VN058803.D  
 Acq: 16 Oct 2019 15:49

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 FA19-GMZ3-TB1

Tgt Ion	Resp	Lower	Upper
75	100		
77	1.4	0.0	0.0#



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 77.162 ug/l  
 RT: 12.41 min Scan# 3307  
 Delta R.T. 0.10 min  
 Lab File: VN058803.D  
 Acq: 16 Oct 2019 15:49

Tgt Ion	Resp	Lower	Upper
75	100		
53	0.0	78.4	117.6#
89	0.0	34.9	52.3#

