

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\  
 Data File : VN058740.D  
 Acq On : 12 Oct 2019 6:18  
 Operator : JC/SP  
 Sample : K5266-13  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Oct 12 07:02:56 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	404583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	641250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	573995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	243249	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	296742	52.39	ug/l	0.00
Spiked Amount				50.000		
Recovery						104.78%
35) Dibromofluoromethane	7.57	113	106693	26.94	ug/l	0.00
Spiked Amount				50.000		
Recovery						53.88%
50) Toluene-d8	10.08	98	811045	51.21	ug/l	0.00
Spiked Amount				50.000		
Recovery						102.42%
62) 4-Bromofluorobenzene	12.40	95	276525	46.12	ug/l	0.00
Spiked Amount				50.000		
Recovery						92.24%

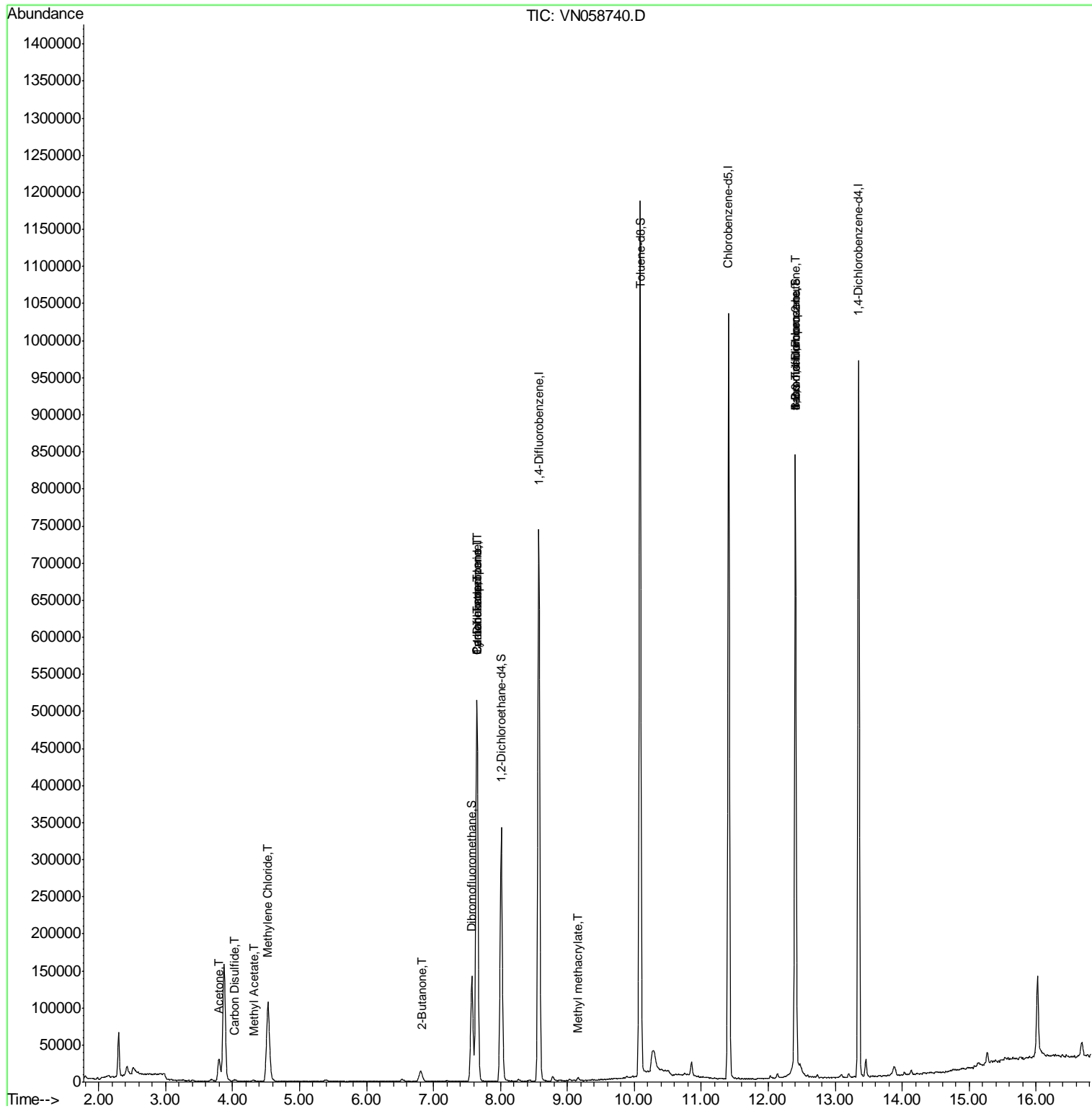
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	54014	23.035	ug/l	98
17) Carbon Disulfide	4.03	76	3148	0.253	ug/l #	93
18) Methyl Acetate	4.31	43	3323	0.559	ug/l #	64
20) Methylene Chloride	4.53	84	79931	16.310	ug/l	95
25) 2-Butanone	6.83	43	10943	3.229	ug/l #	89
31) Cyclohexane	7.65	56	9331	1.123	ug/l #	4
36) 1,1-Dichloropropene	7.65	75	34399	5.306	ug/l #	48
38) Carbon Tetrachloride	7.65	117	39837	6.304	ug/l #	16
48) Methyl methacrylate	9.16	41	1594	0.315	ug/l #	32
71) Bromoform	12.41	173	1957	0.619	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	150287	28.163	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	150287	75.440	ug/l #	11

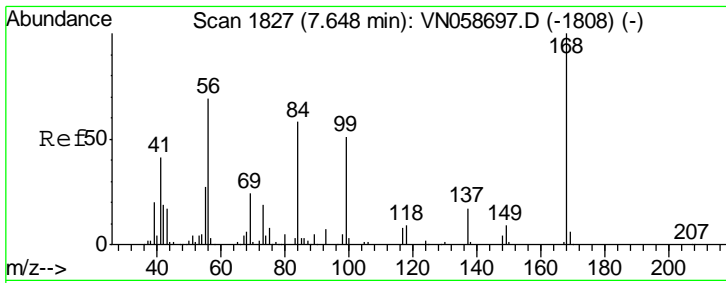
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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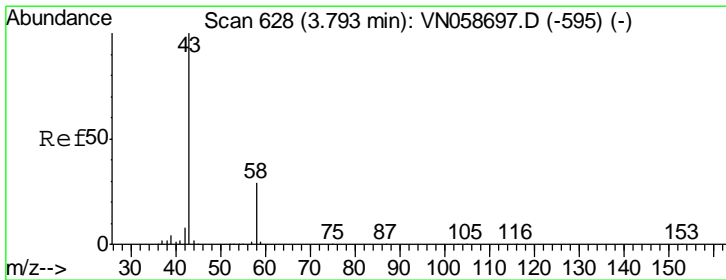
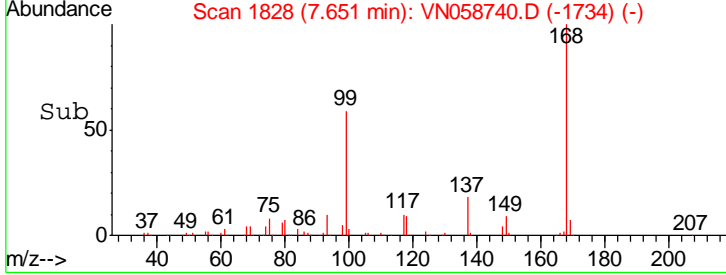
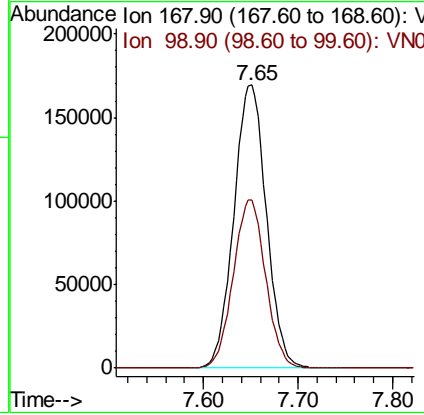
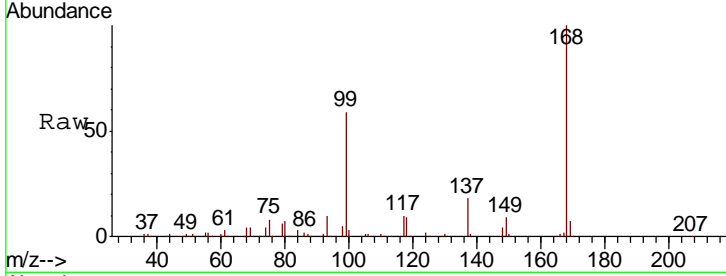




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.65 min Scan# 1828  
 Delta R.T. 0.00 min  
 Lab File: VN058740.D  
 Acq: 12 Oct 2019 6:18

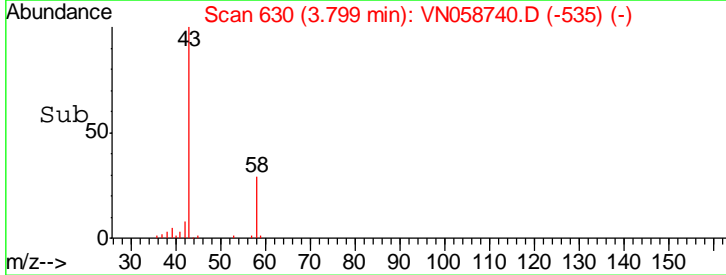
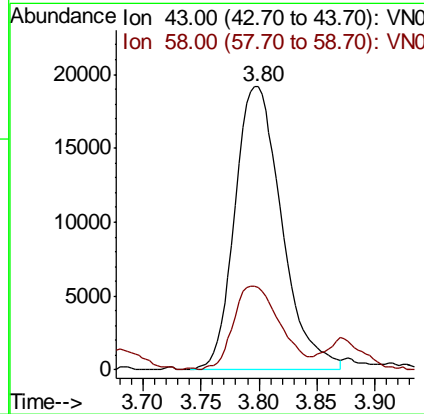
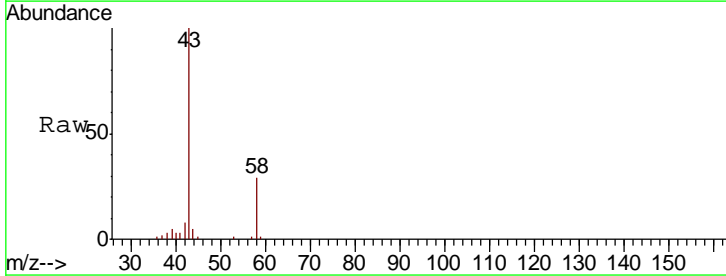
Instrument :  
 MSVOA\_N  
 ClientSampled :

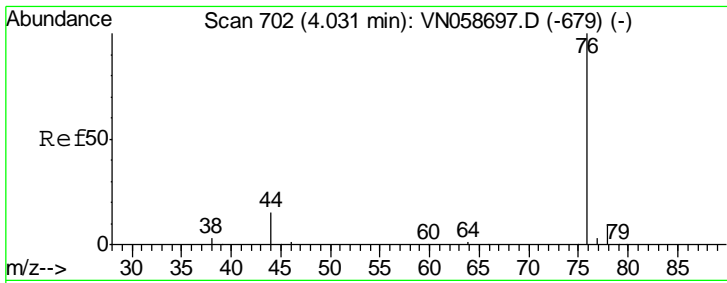
Tgt Ion: 168 Resp: 404583  
 Ion Ratio Lower Upper  
 168 100  
 99 59.4 47.5 71.3



#16  
 Acetone  
 Concen: 23.035 ug/l  
 RT: 3.80 min Scan# 630  
 Delta R.T. 0.01 min  
 Lab File: VN058740.D  
 Acq: 12 Oct 2019 6:18

Tgt Ion: 43 Resp: 54014  
 Ion Ratio Lower Upper  
 43 100  
 58 28.2 23.3 34.9

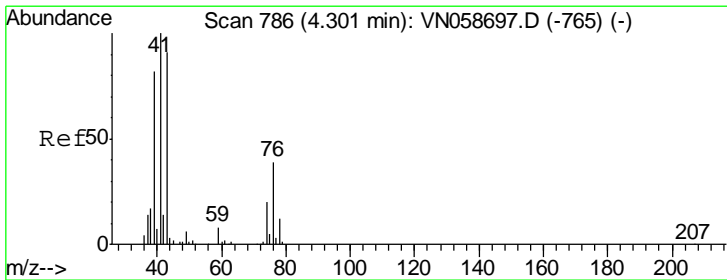
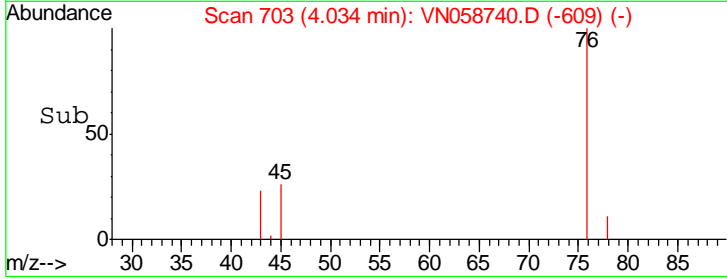
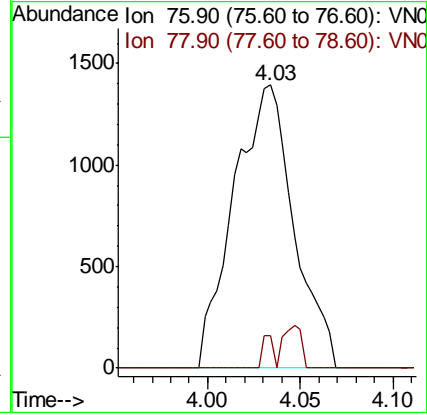
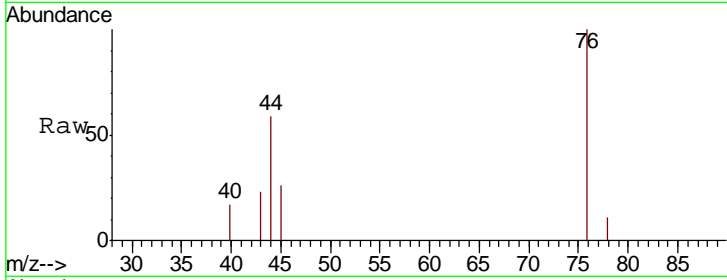




#17  
 Carbon Disulfide  
 Concen: 0.253 ug/l  
 RT: 4.03 min Scan# 703  
 Delta R.T. 0.00 min  
 Lab File: VN058740.D  
 Acq: 12 Oct 2019 6:18

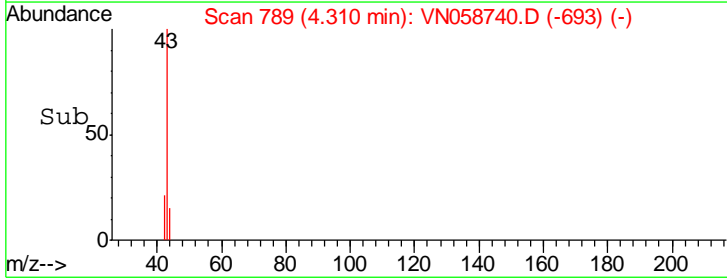
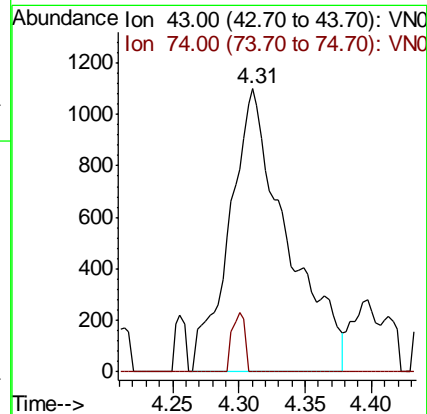
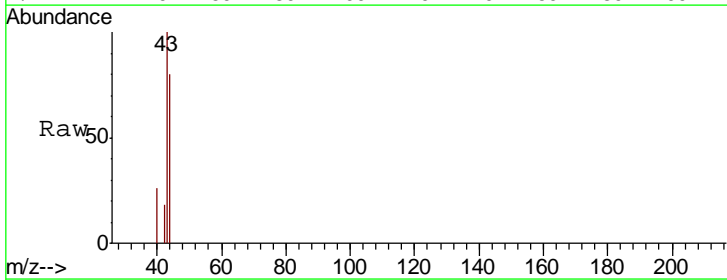
Instrument :  
 MSVOA\_N  
 ClientSampled :

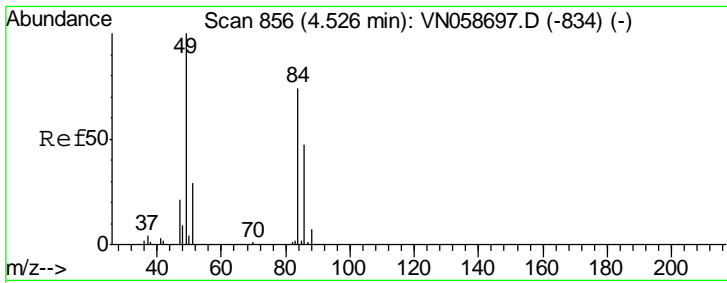
Tgt Ion	Resp	Lower	Upper
76	3148		
78	11.3	7.1	10.7#



#18  
 Methyl Acetate  
 Concen: 0.559 ug/l  
 RT: 4.31 min Scan# 789  
 Delta R.T. 0.01 min  
 Lab File: VN058740.D  
 Acq: 12 Oct 2019 6:18

Tgt Ion	Resp	Lower	Upper
43	3323		
74	4.6	17.2	25.8#

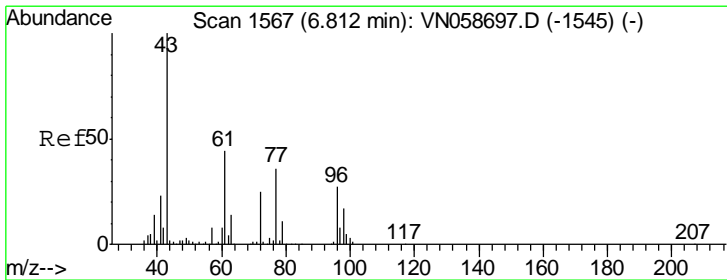
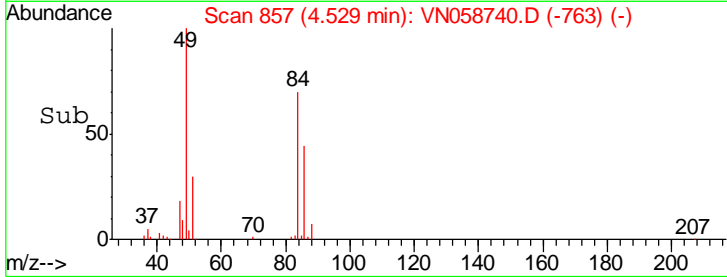
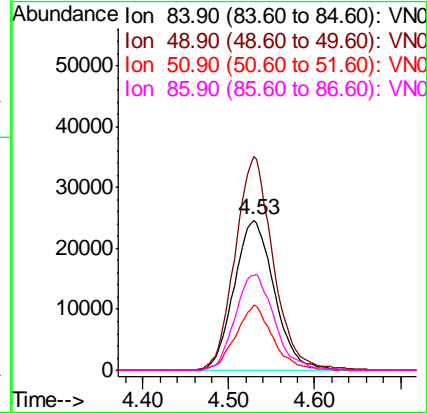
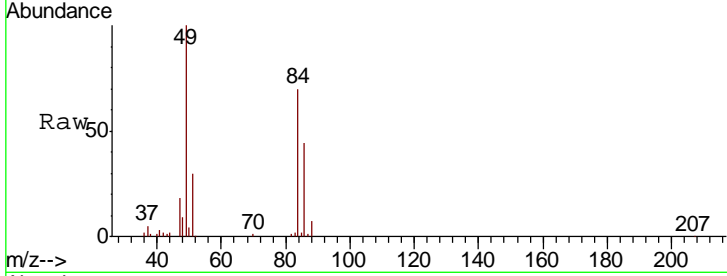




#20  
Methylene Chloride  
Concen: 16.310 ug/l  
RT: 4.53 min Scan# 857  
Delta R.T. 0.00 min  
Lab File: VN058740.D  
Acq: 12 Oct 2019 6:18

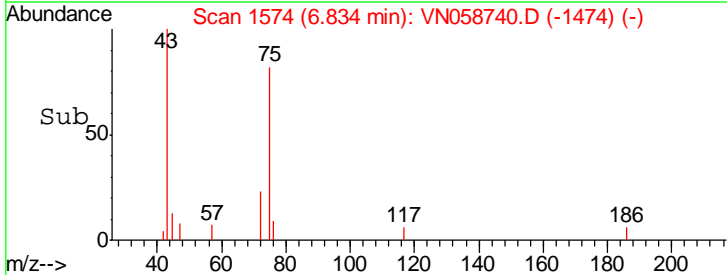
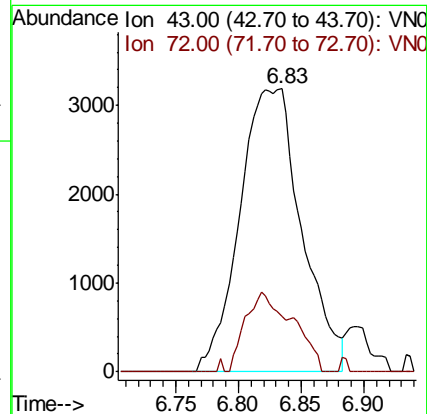
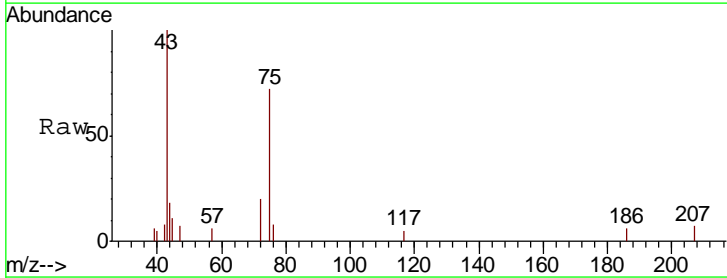
Instrument :  
MSVOA\_N  
ClientSampled :

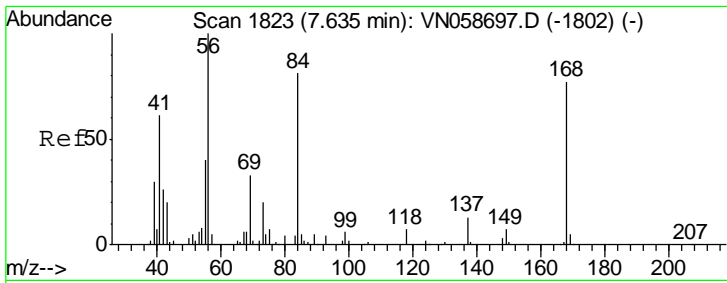
Tgt Ion	Resp	Lower	Upper
84	79931		
49	142.3	107.6	161.4
51	43.2	31.4	47.0
86	63.3	50.3	75.5



#25  
2-Butanone  
Concen: 3.229 ug/l  
RT: 6.83 min Scan# 1574  
Delta R.T. 0.02 min  
Lab File: VN058740.D  
Acq: 12 Oct 2019 6:18

Tgt Ion	Resp	Lower	Upper
43	10943		
72	19.7	20.2	30.2#

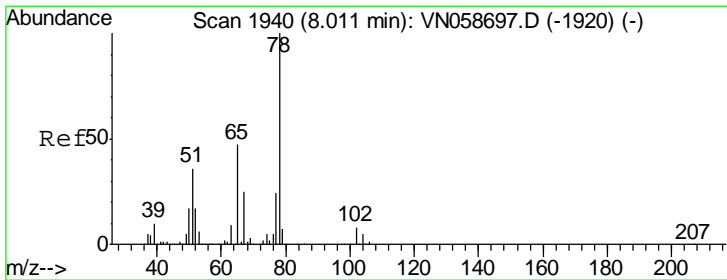
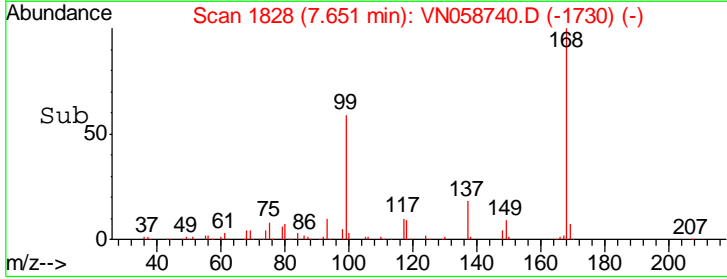
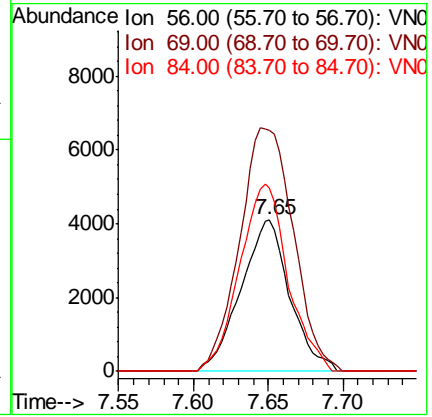
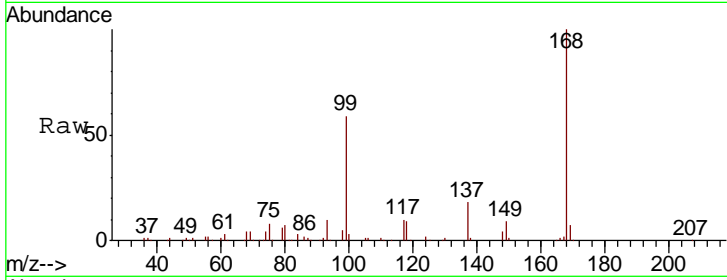




#31  
 Cyclohexane  
 Concen: 1.123 ug/l  
 RT: 7.65 min Scan# 1828  
 Delta R.T. 0.02 min  
 Lab File: VN058740.D  
 Acq: 12 Oct 2019 6:18

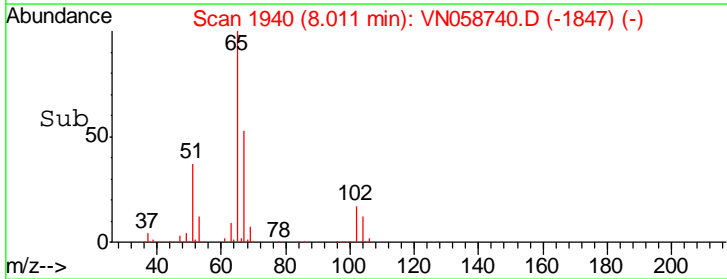
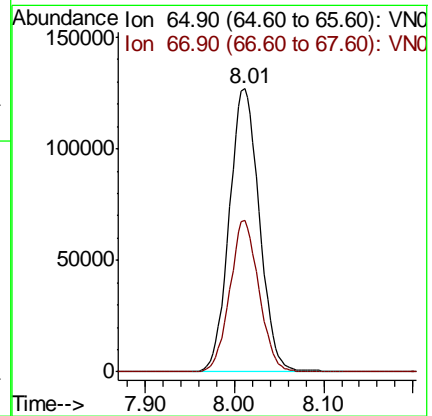
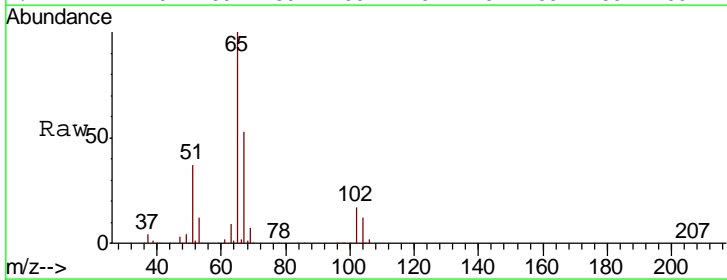
Instrument :  
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 ClientSampled :

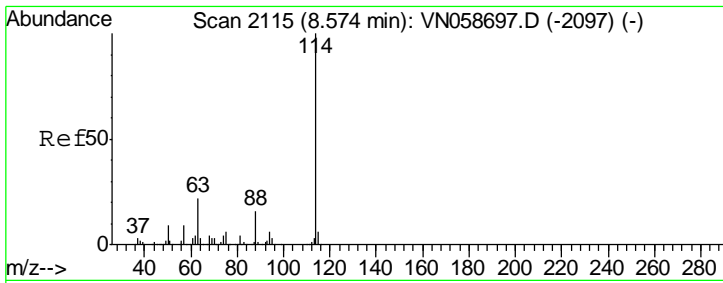
Tgt Ion	Resp	Lower	Upper
56	9331		
69	158.5	26.2	39.4#
84	121.1	64.9	97.3#



#33  
 1,2-Dichloroethane-d4  
 Concen: 52.390 ug/l  
 RT: 8.01 min Scan# 1940  
 Delta R.T. 0.00 min  
 Lab File: VN058740.D  
 Acq: 12 Oct 2019 6:18

Tgt Ion	Resp	Lower	Upper
65	296742		
67	51.7	0.0	103.8

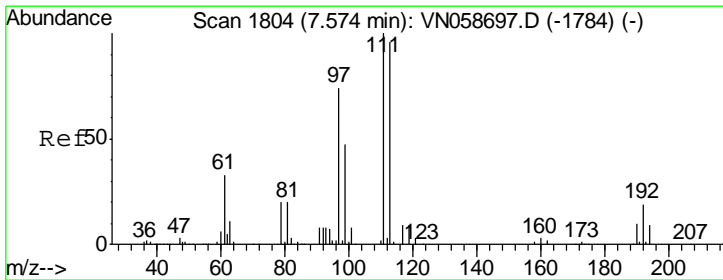
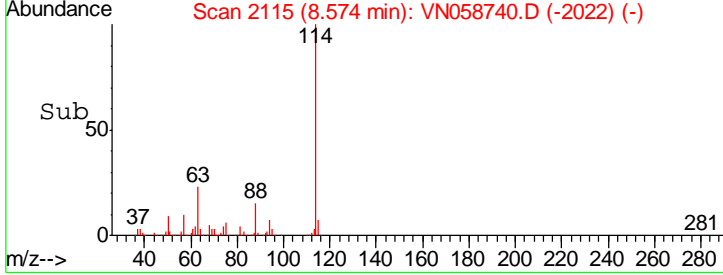
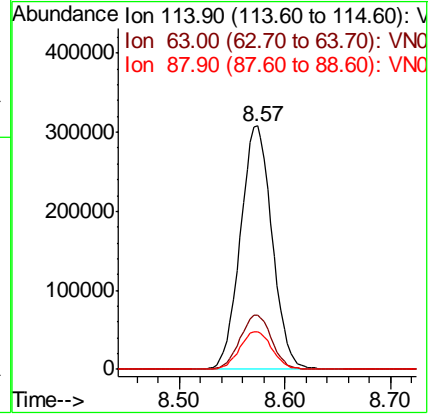
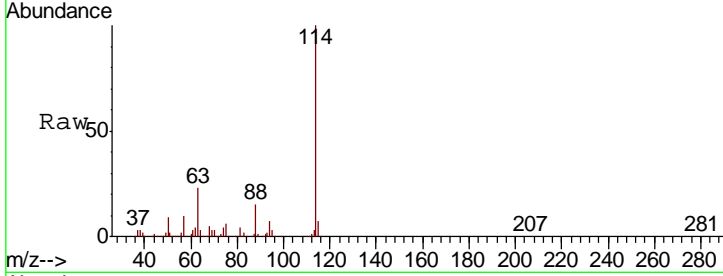




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2115  
 Delta R.T. 0.00 min  
 Lab File: VN058740.D  
 Acq: 12 Oct 2019 6:18

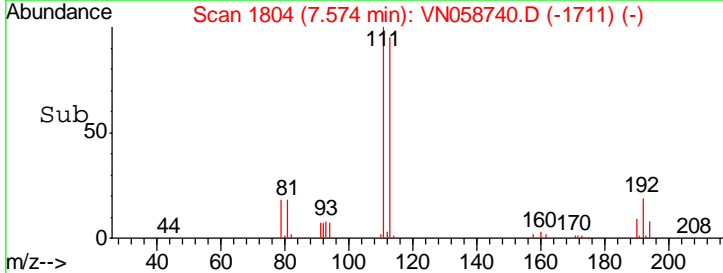
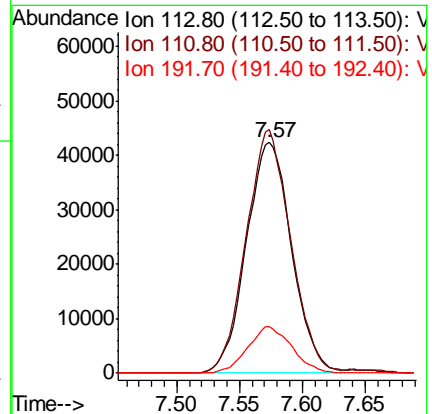
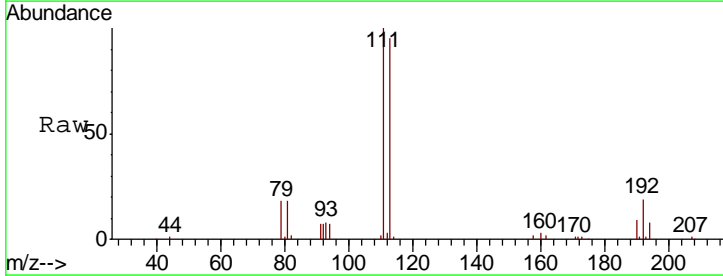
Instrument :  
 MSVOA\_N  
 ClientSampled :

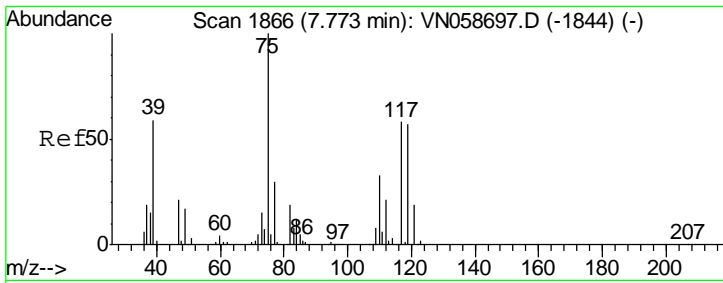
Tgt Ion	Resp	Lower	Upper
114	100		
63	22.5	0.0	43.8
88	15.5	0.0	32.0



#35  
 Dibromofluoromethane  
 Concen: 26.937 ug/l  
 RT: 7.57 min Scan# 1804  
 Delta R.T. 0.00 min  
 Lab File: VN058740.D  
 Acq: 12 Oct 2019 6:18

Tgt Ion	Resp	Lower	Upper
113	100		
111	103.4	82.3	123.5
192	19.6	15.0	22.6

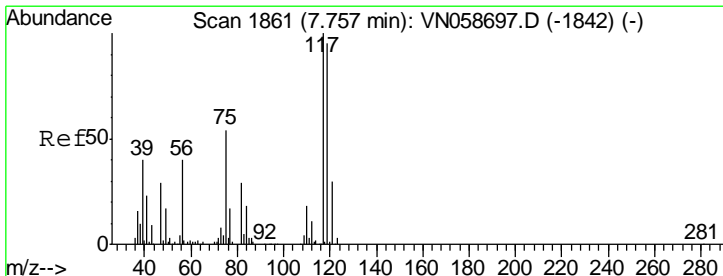
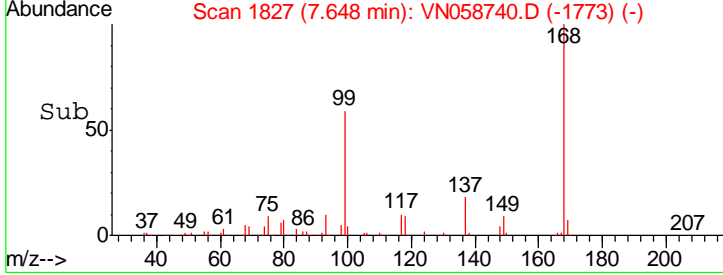
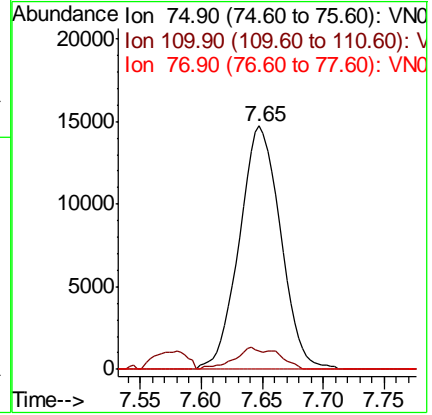
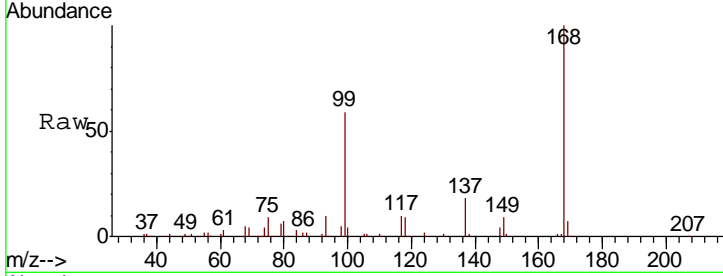




#36  
 1,1-Dichloropropene  
 Concen: 5.306 ug/l  
 RT: 7.65 min Scan# 1827  
 Delta R.T. -0.13 min  
 Lab File: VN058740.D  
 Acq: 12 Oct 2019 6:18

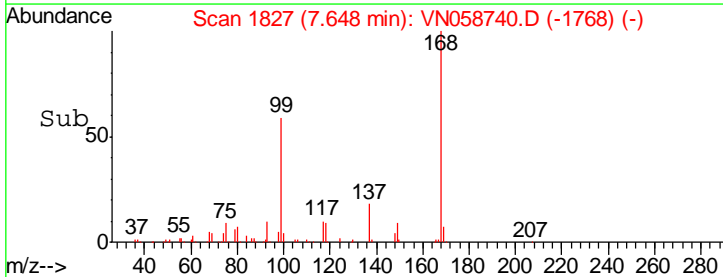
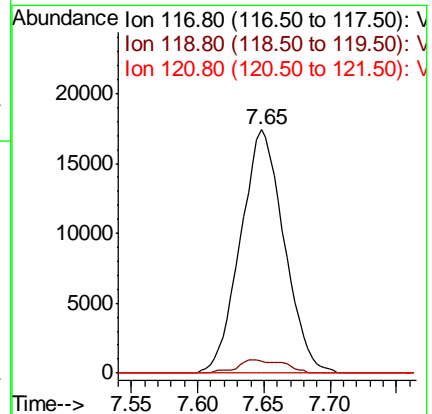
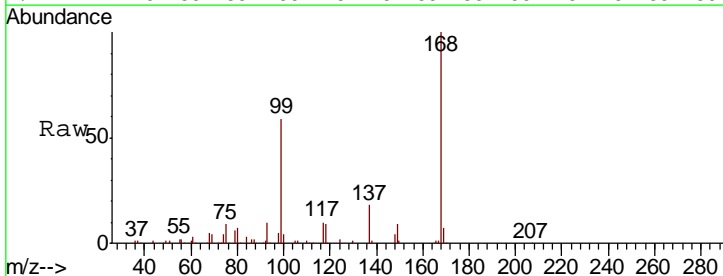
Instrument :  
 MSVOA\_N  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
75	100		
110	6.1	16.6	49.8#
77	0.0	24.6	37.0#

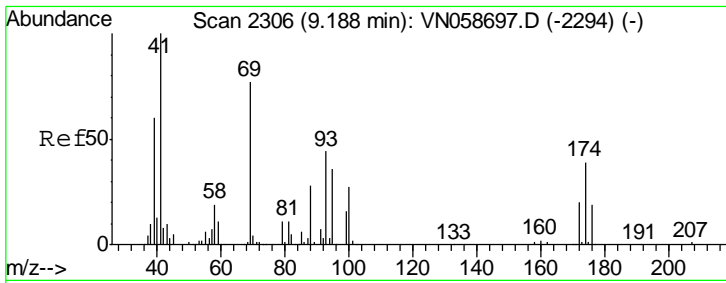


#38  
 Carbon Tetrachloride  
 Concen: 6.304 ug/l  
 RT: 7.65 min Scan# 1827  
 Delta R.T. -0.11 min  
 Lab File: VN058740.D  
 Acq: 12 Oct 2019 6:18

Tgt Ion	Resp	Lower	Upper
117	100		
119	4.7	75.7	113.5#
121	0.0	23.9	35.9#



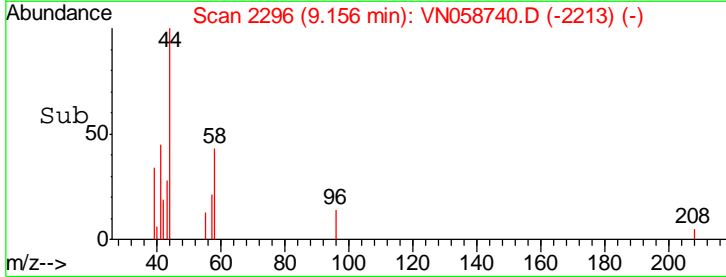
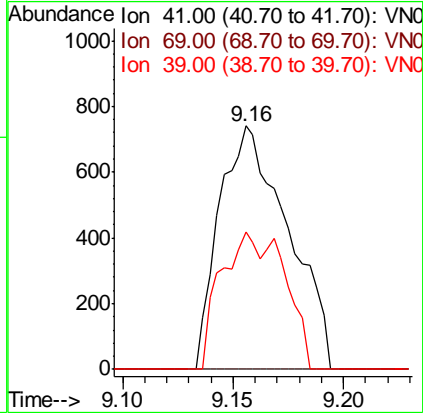
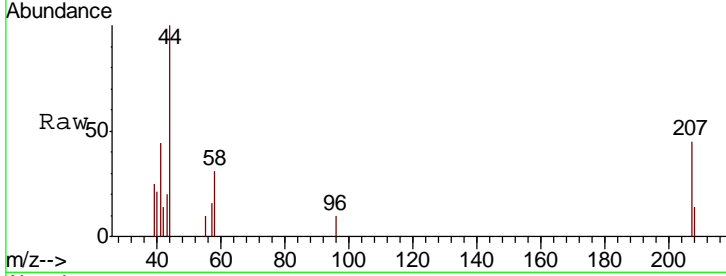




#48  
 Methyl methacrylate  
 Concen: 0.315 ug/l  
 RT: 9.16 min Scan# 2296  
 Delta R.T. -0.03 min  
 Lab File: VN058740.D  
 Acq: 12 Oct 2019 6:18

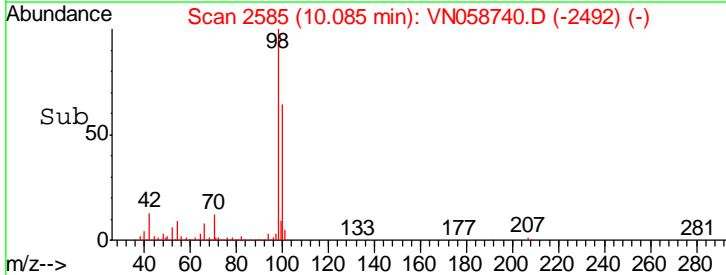
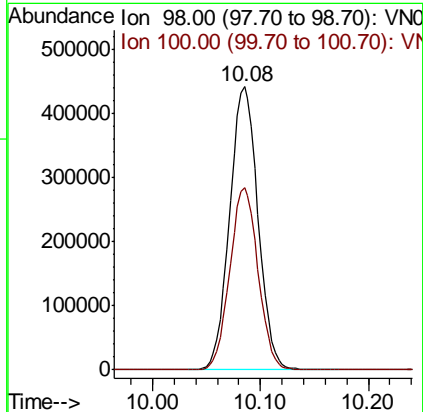
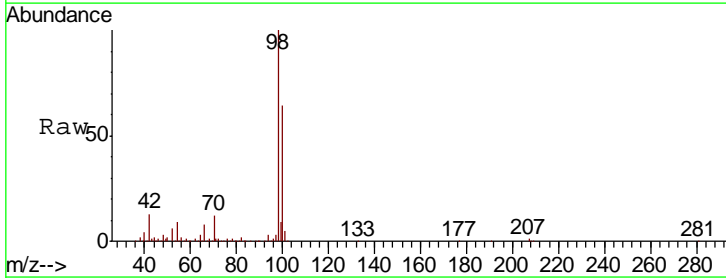
Instrument :  
 MSVOA\_N  
 ClientSampled :

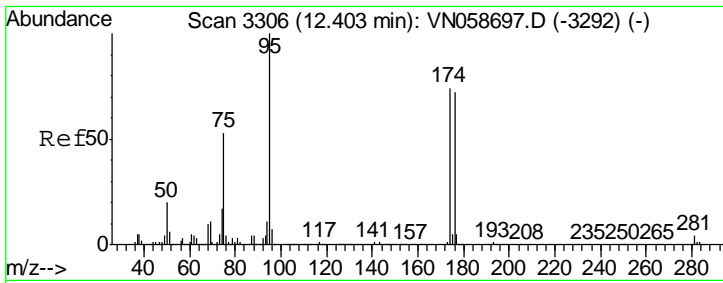
Tgt Ion	Resp	Lower	Upper
41	1594		
69	0.0	63.4	95.2#
39	31.9	48.9	73.3#



#50  
 Toluene-d8  
 Concen: 51.206 ug/l  
 RT: 10.08 min Scan# 2585  
 Delta R.T. 0.00 min  
 Lab File: VN058740.D  
 Acq: 12 Oct 2019 6:18

Tgt Ion	Resp	Lower	Upper
98	811045		
100	64.0	51.1	76.7

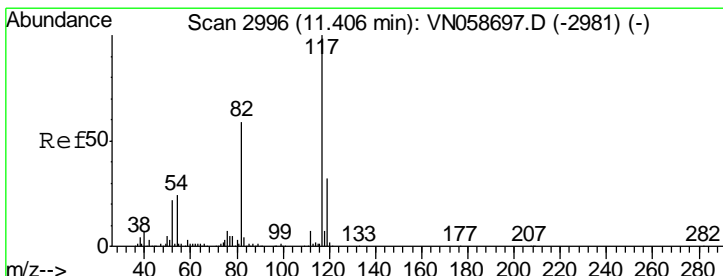
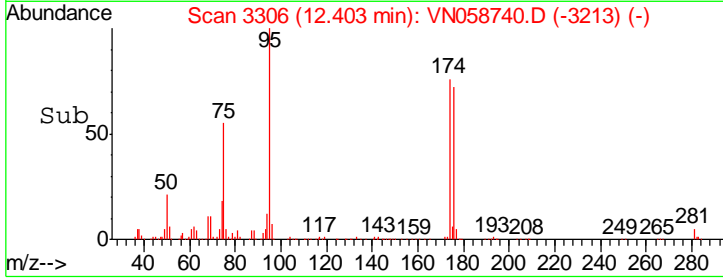
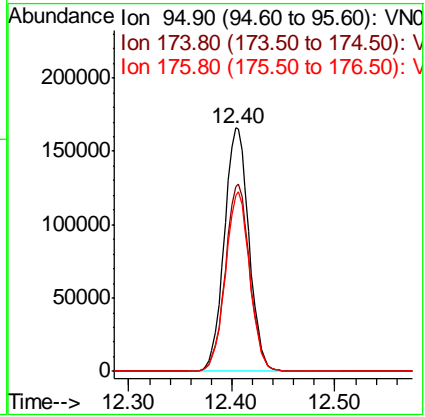
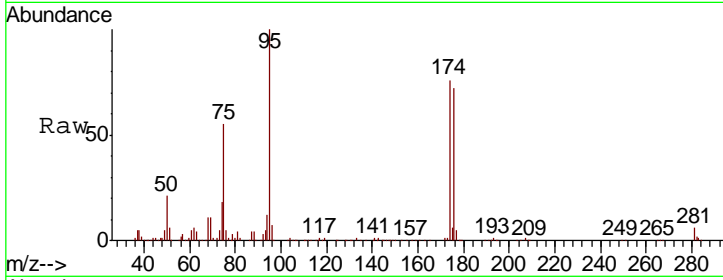




#62  
 4-Bromofluorobenzene  
 Concen: 46.122 ug/l  
 RT: 12.40 min Scan# 3306  
 Delta R.T. 0.00 min  
 Lab File: VN058740.D  
 Acq: 12 Oct 2019 6:18

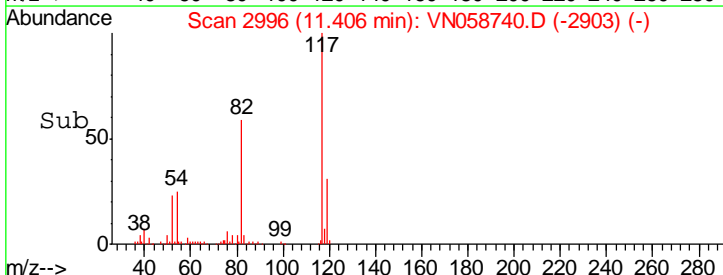
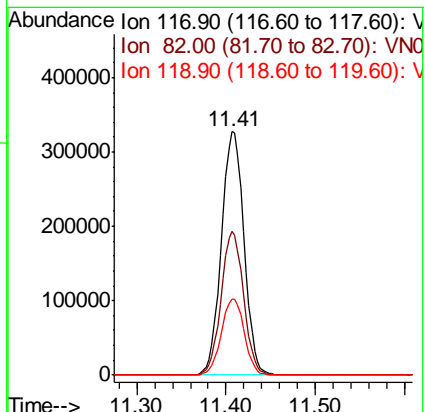
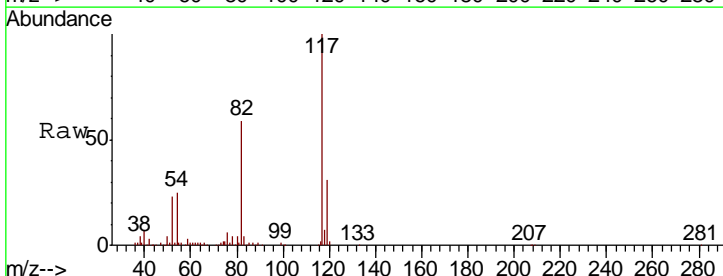
Instrument : MSVOA\_N  
 ClientSampled :

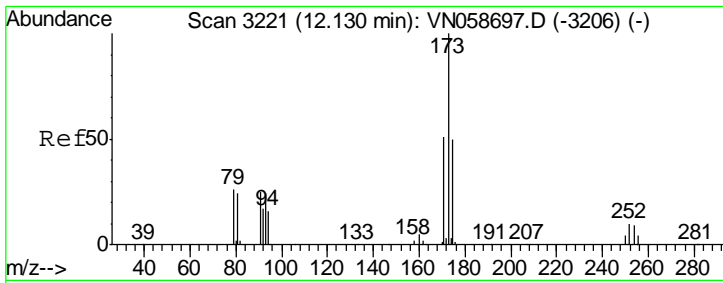
Tgt Ion	Resp	Lower	Upper
95	276525		
174	76.1	0.0	150.4
176	72.6	0.0	146.8



#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.41 min Scan# 2996  
 Delta R.T. 0.00 min  
 Lab File: VN058740.D  
 Acq: 12 Oct 2019 6:18

Tgt Ion	Resp	Lower	Upper
117	573995		
82	59.3	47.0	70.4
119	31.2	25.4	38.2

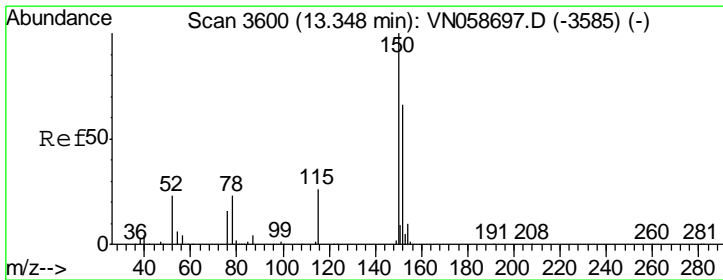
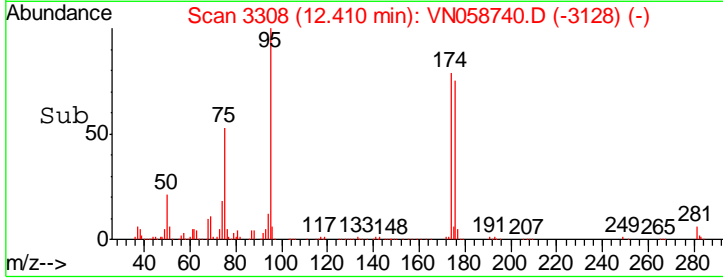
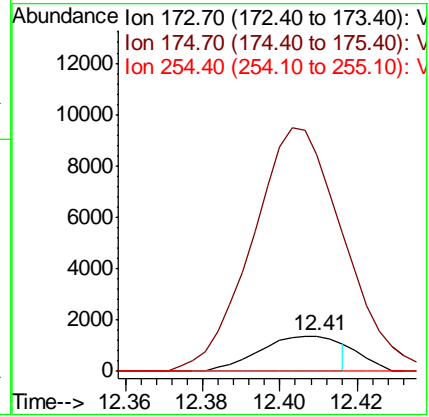
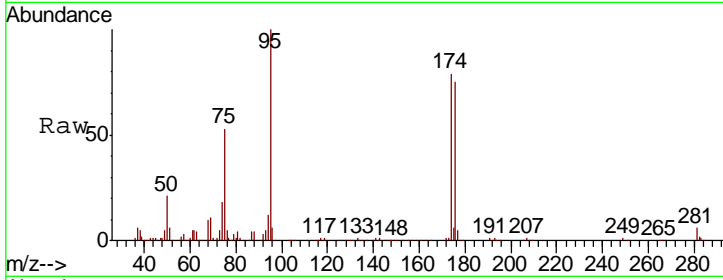




#71  
 Bromoform  
 Concen: 0.619 ug/l  
 RT: 12.41 min Scan# 3308  
 Delta R.T. 0.28 min  
 Lab File: VN058740.D  
 Acq: 12 Oct 2019 6:18

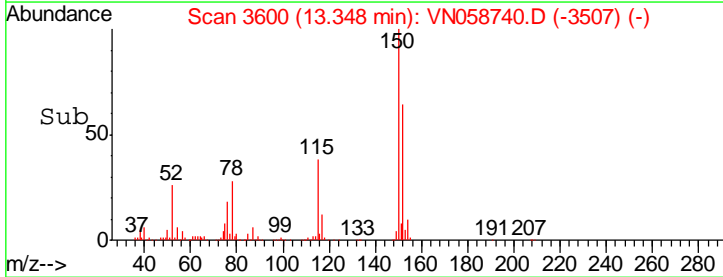
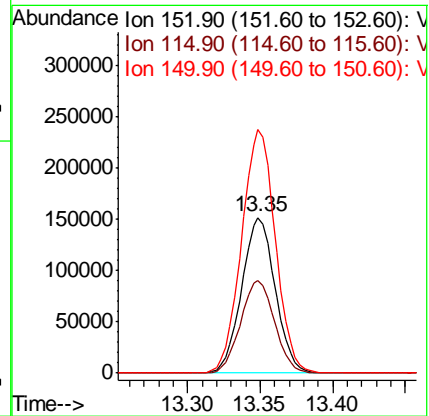
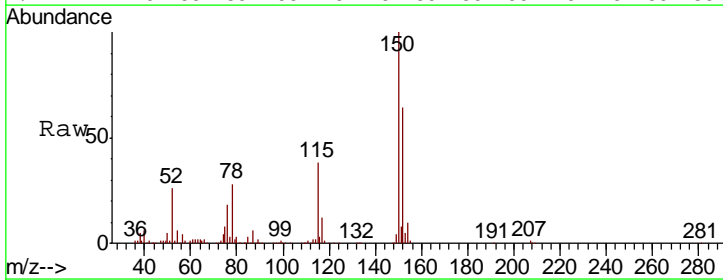
Instrument : MSVOA\_N  
 ClientSampled :

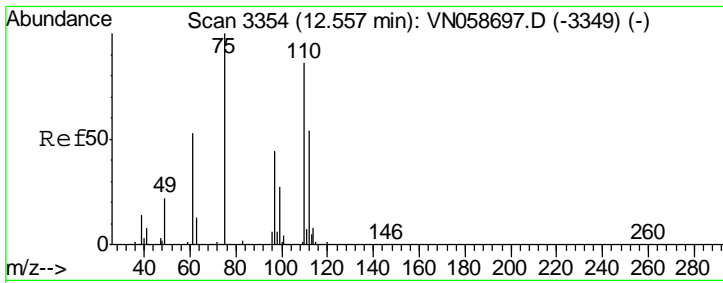
Tgt Ion	Resp	Lower	Upper
173	1957		
175	694.5	24.6	73.8#
254	0.0	0.1	0.1#



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.35 min Scan# 3600  
 Delta R.T. 0.00 min  
 Lab File: VN058740.D  
 Acq: 12 Oct 2019 6:18

Tgt Ion	Resp	Lower	Upper
152	243249		
152	100		
115	60.5	30.4	91.2
150	158.1	0.0	345.4

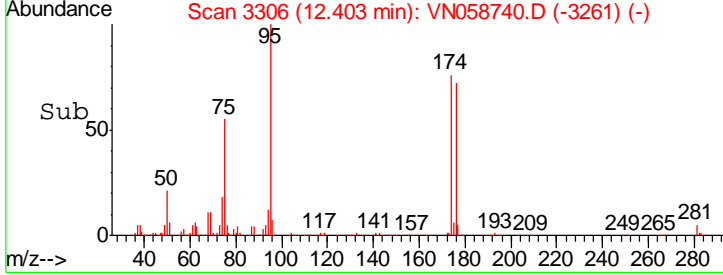
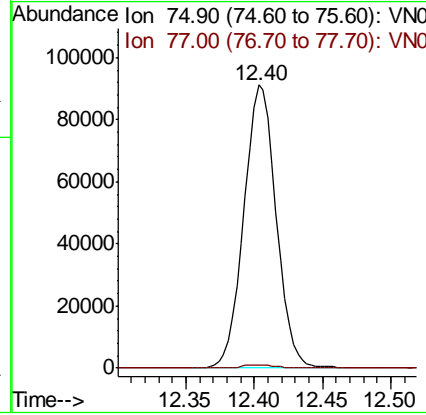
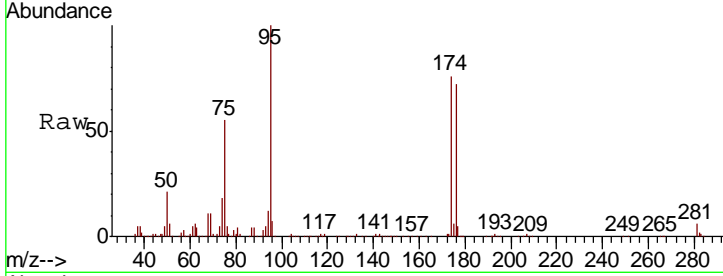




#76  
 1,2,3-Trichloropropane  
 Concen: 28.163 ug/l  
 RT: 12.40 min Scan# 3306  
 Delta R.T. -0.15 min  
 Lab File: VN058740.D  
 Acq: 12 Oct 2019 6:18

Instrument : MSVOA\_N  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
75	100		
77	1.3	0.0	0.0#



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 75.440 ug/l  
 RT: 12.40 min Scan# 3306  
 Delta R.T. 0.10 min  
 Lab File: VN058740.D  
 Acq: 12 Oct 2019 6:18

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

