

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090119\
 Data File : VN057620.D
 Acq On : 31 Aug 2019 17:49
 Operator : JC/SP
 Sample : K4517-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampled :

Quant Time: Aug 31 23:46:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	307887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	531019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	466727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	136592	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	255946	36.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.60%	
35) Dibromofluoromethane	7.58	113	158342	34.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.30%	
50) Toluene-d8	10.09	98	665532	37.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.76%	
62) 4-Bromofluorobenzene	12.40	95	206697	30.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.06%	

Target Compounds

						Qvalue
5) Bromomethane	2.51	94	2122	0.754	ug/l	98
11) Tert butyl alcohol	4.72	59	3431	4.703	ug/l #	81
13) Acrolein	3.59	56	760	2.620	ug/l	89
16) Acetone	3.80	43	3112	1.597	ug/l #	90
18) Methyl Acetate	4.32	43	9478	1.416	ug/l	96
20) Methylene Chloride	4.52	84	10533	2.183	ug/l	96
30) Chloroform	7.36	83	5712	0.610	ug/l	99
31) Cyclohexane	7.64	56	10245	1.112	ug/l #	25
36) 1,1-Dichloropropene	7.65	75	31064	4.412	ug/l #	51
38) Carbon Tetrachloride	7.65	117	34221	5.430	ug/l #	14
41) Methacrylonitrile	7.15	41	260	2.349	ug/l #	42
43) Isopropyl Acetate	8.16	43	66219	5.488	ug/l	99
48) Methyl methacrylate	9.18	41	3900	0.633	ug/l #	15
49) 1,4-Dioxane	9.27	88	126	1.747	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6071	0.878	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	710	3.303	ug/l #	48
54) cis-1,3-Dichloropropene	9.90	75	25584	4.611	ug/l #	66
57) 1,3-Dichloropropane	10.76	76	3447	0.409	ug/l #	43
59) 2-Hexanone	10.76	43	65409	12.880	ug/l #	60
60) Dibromochloromethane	10.89	129	106	3.565	ug/l #	11
64) Tetrachloroethene	10.63	164	834	0.206	ug/l	91
68) m/p-Xylenes	11.62	106	2003	0.250	ug/l	90
70) Styrene	11.97	104	1657	2.696	ug/l	91
71) Bromoform	12.40	173	1649	6.696	ug/l #	1
74) N-amyl acetate	12.07	43	1704	0.262	ug/l	93
76) 1,2,3-Trichloropropane	12.40	75	120388	33.506	ug/l #	100
77) Bromobenzene	12.53	156	620	0.211	ug/l	79
78) n-propylbenzene	12.59	91	4712	0.307	ug/l	97
79) 2-Chlorotoluene	12.67	91	2484	0.260	ug/l	90
80) 1,3,5-Trimethylbenzene	12.73	105	3403	0.300	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	120388	114.854	ug/l #	1
82) 4-Chlorotoluene	12.77	91	3959	0.418	ug/l	91
83) tert-Butylbenzene	12.99	119	2510	0.261	ug/l #	84
84) 1,2,4-Trimethylbenzene	13.04	105	3627	0.330	ug/l	94

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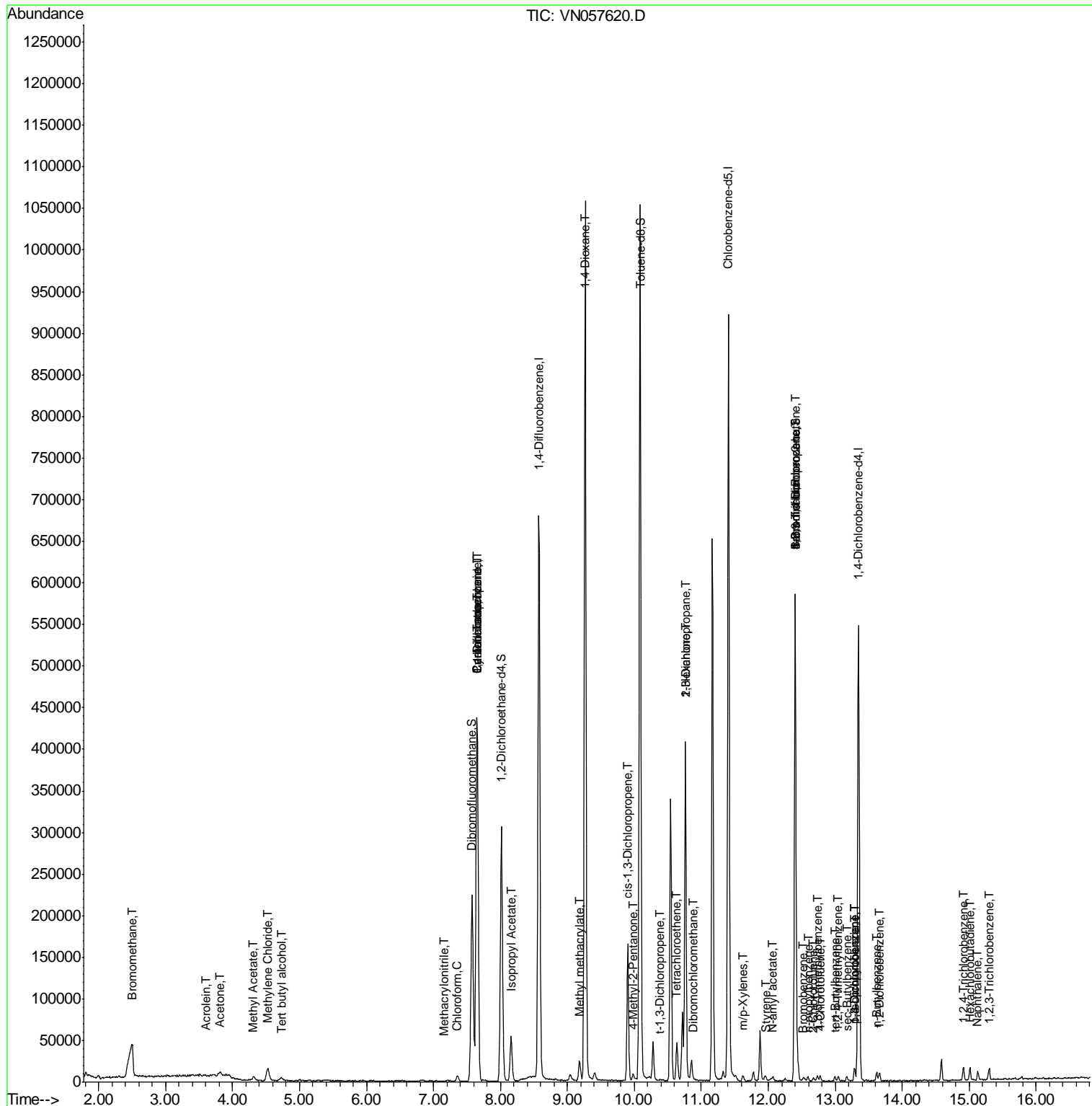
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.18	105	4246	0.328	ug/l	92
86) p-Isopropyltoluene	13.29	119	4331	0.404	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	3493	0.730	ug/l	88
88) 1,4-Dichlorobenzene	13.28	146	3493	0.756	ug/l	89
89) n-Butylbenzene	13.62	91	5545	0.553	ug/l	88
91) 1,2-Dichlorobenzene	13.66	146	3580	0.785	ug/l	91
93) 1,2,4-Trichlorobenzene	14.91	180	4349	10.128	ug/l	95
94) Hexachlorobutadiene	15.01	225	2538	1.621	ug/l	89
95) Naphthalene	15.13	128	6603	7.873	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.30	180	3789	9.379	ug/l	89

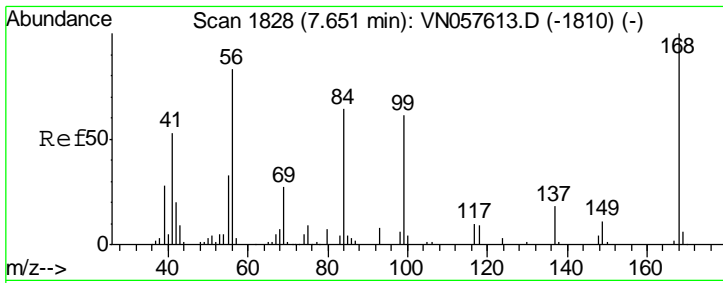
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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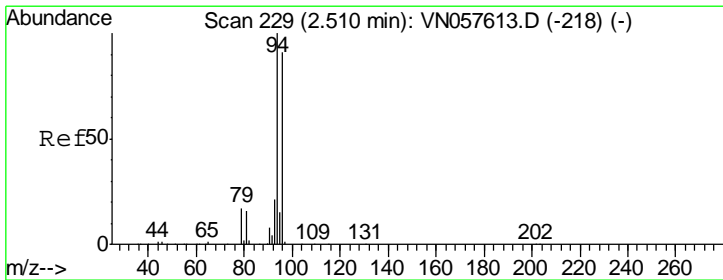
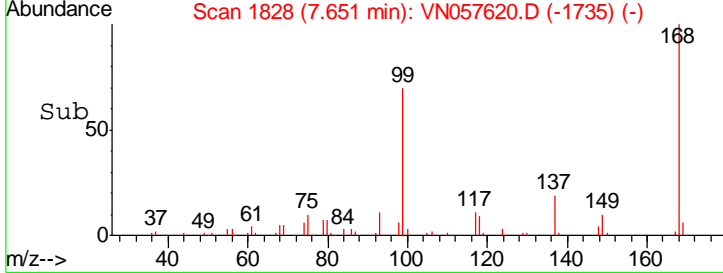
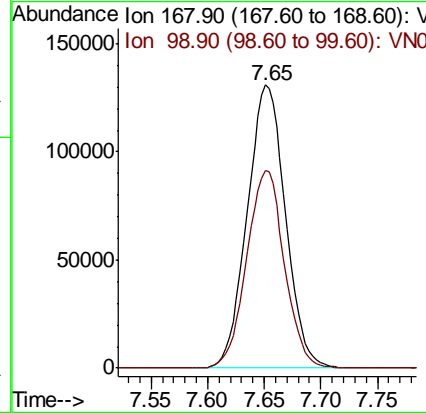
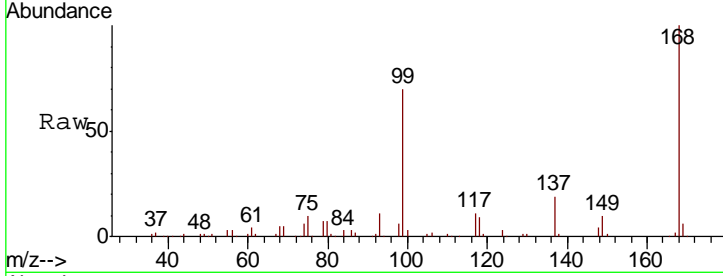




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: VN057620.D
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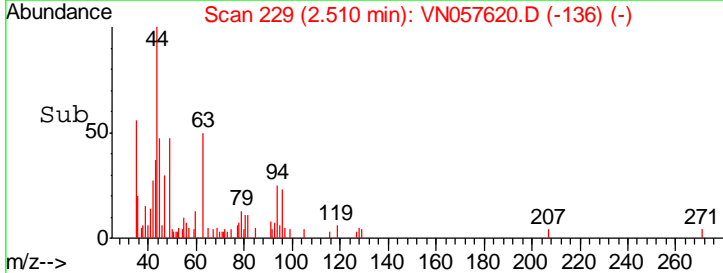
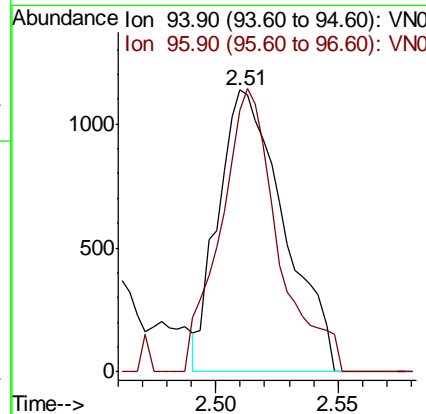
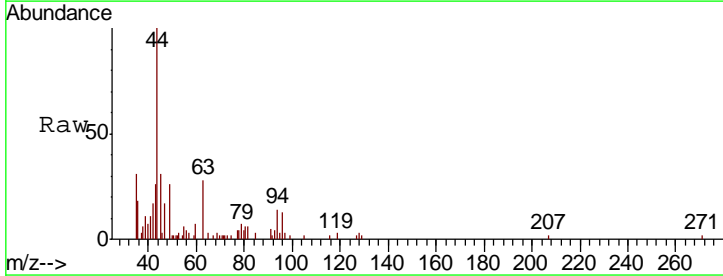
Instrument :
 MSVOA_N
 ClientSampled :

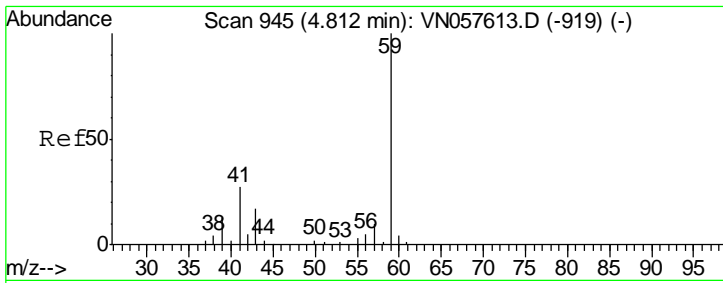
Tgt Ion	Resp	Lower	Upper
168	100		
99	70.0	54.2	81.2



#5
 Bromomethane
 Concen: 0.754 ug/l
 RT: 2.51 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion	Resp	Lower	Upper
94	100		
96	92.7	72.9	109.3

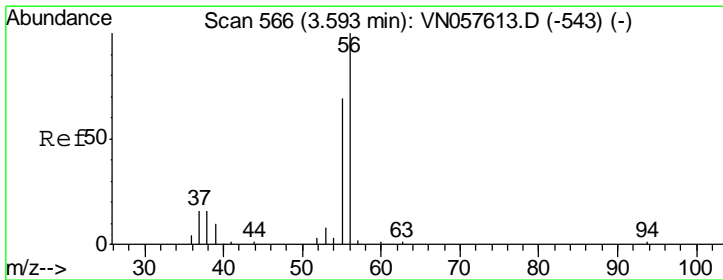
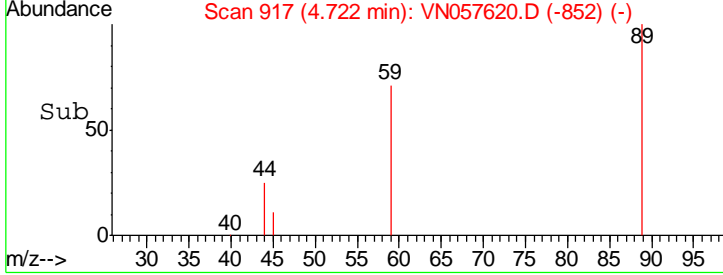
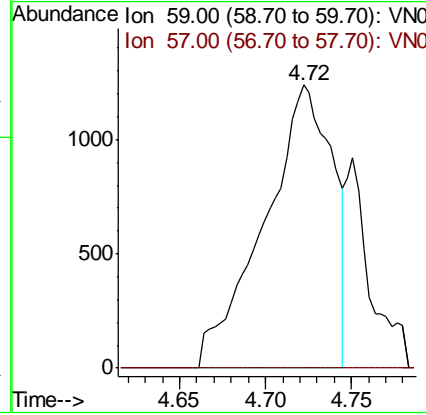
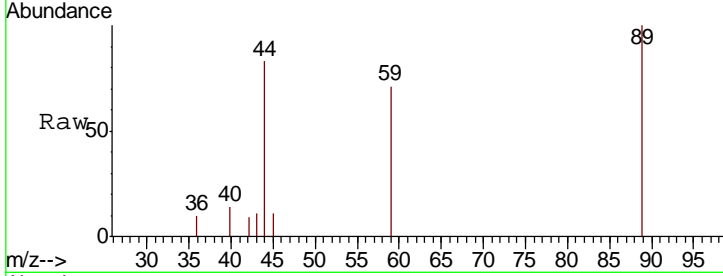




#11
 Tert butyl alcohol
 Concen: 4.703 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. -0.09 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

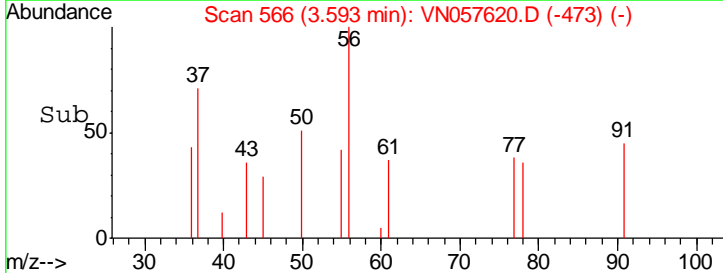
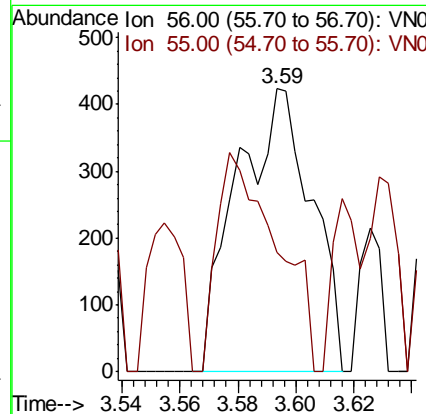
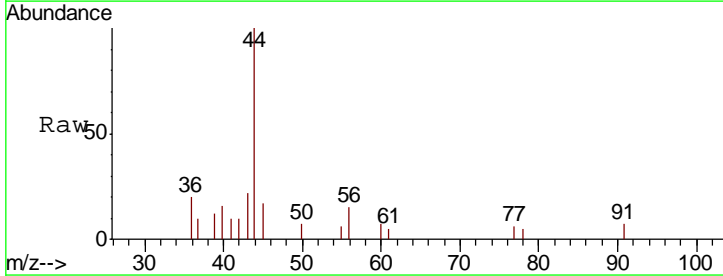
Instrument :
 MSVOA_N
 ClientSampled :

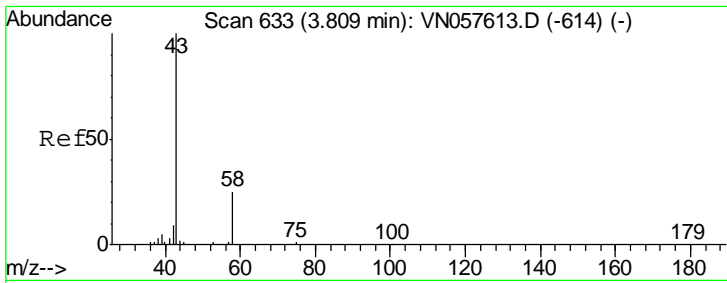
Tgt Ion	Resp	Lower	Upper
59	100		
57	0.0	5.0	7.6#



#13
 Acrolein
 Concen: 2.620 ug/l
 RT: 3.59 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion	Resp	Lower	Upper
56	100		
55	61.8	56.5	84.7

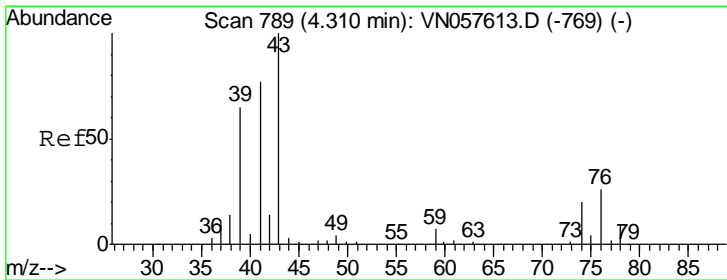
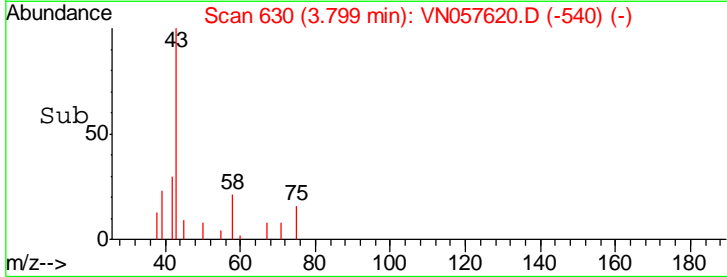
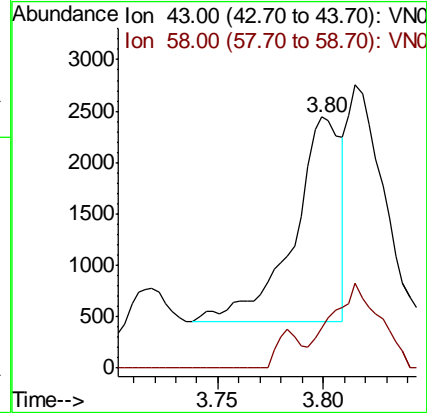
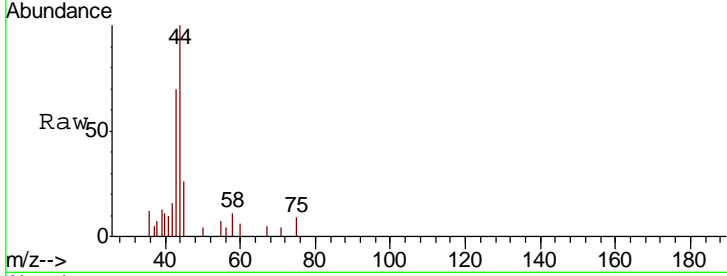




#16
 Acetone
 Concen: 1.597 ug/l
 RT: 3.80 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

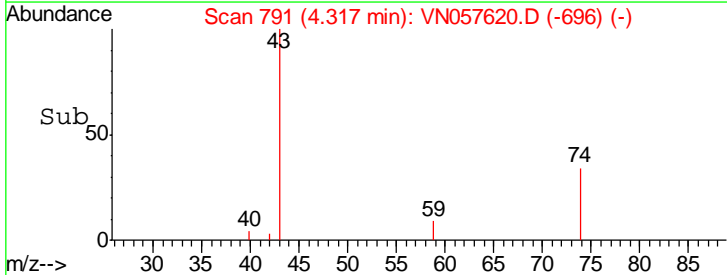
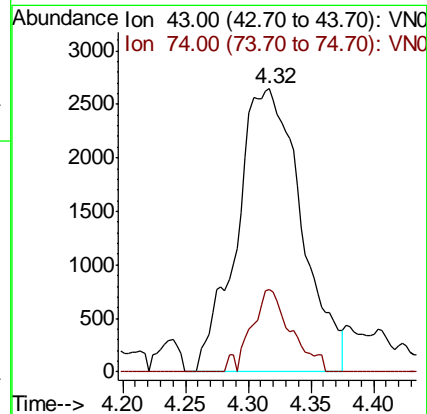
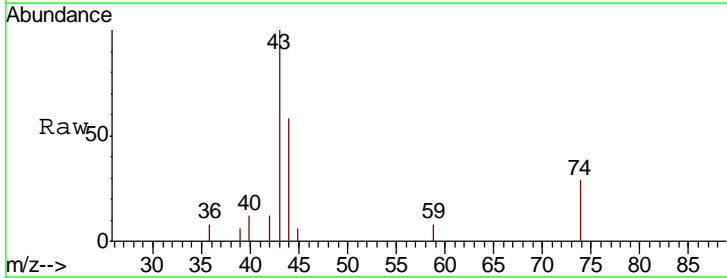
Instrument :
 MSVOA_N
 ClientSampled :

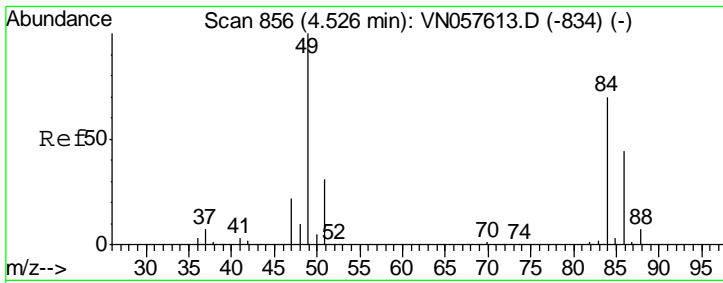
Tgt Ion: 43 Resp: 3112
 Ion Ratio Lower Upper
 43 100
 58 19.9 20.0 30.0#



#18
 Methyl Acetate
 Concen: 1.416 ug/l
 RT: 4.32 min Scan# 791
 Delta R.T. 0.01 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion: 43 Resp: 9478
 Ion Ratio Lower Upper
 43 100
 74 18.0 15.7 23.5

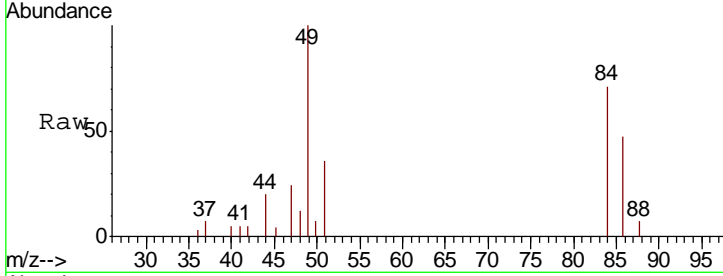




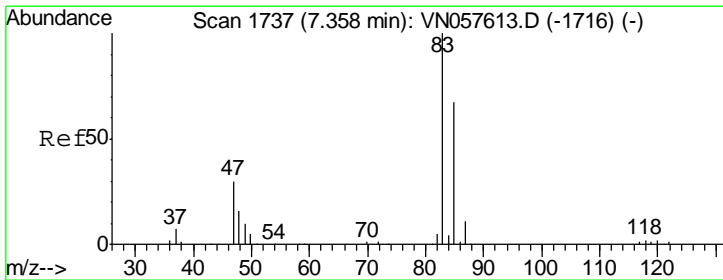
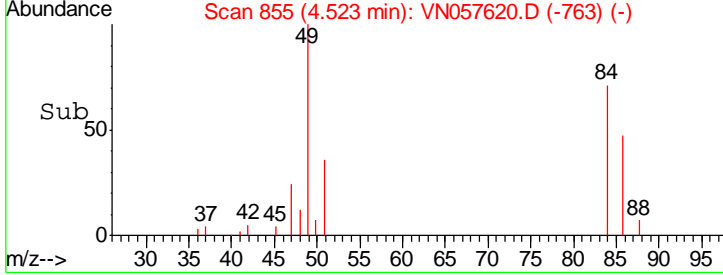
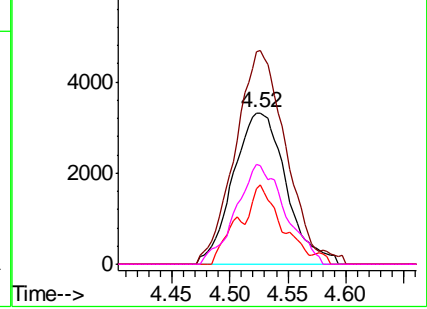
#20
 Methylene Chloride
 Concen: 2.183 ug/l
 RT: 4.52 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Instrument : MSVOA_N
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
84	10533		
49	139.9	113.8	170.6
51	49.9	35.0	52.6
86	66.2	50.6	75.8

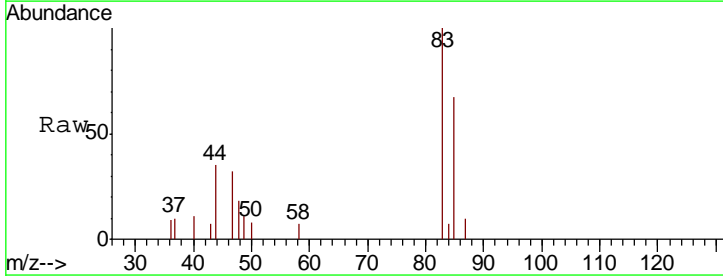


Abundance Ion 83.90 (83.60 to 84.60): VNC
 Ion 48.90 (48.60 to 49.60): VNC
 Ion 50.90 (50.60 to 51.60): VNC
 Ion 85.90 (85.60 to 86.60): VNC

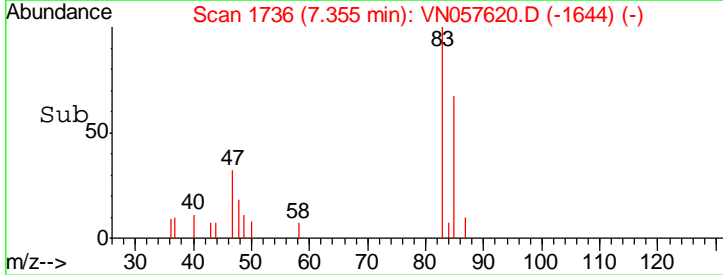
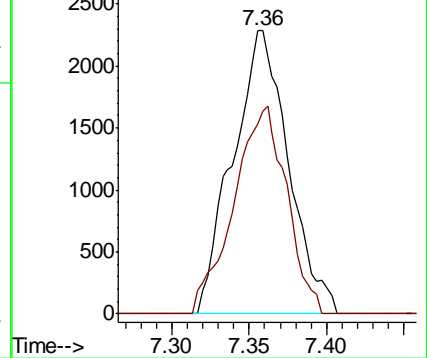


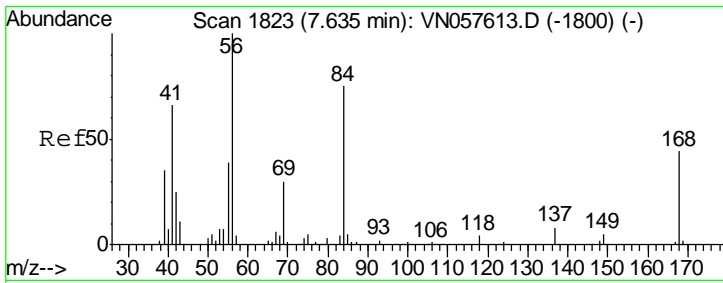
#30
 Chloroform
 Concen: 0.610 ug/l
 RT: 7.36 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion	Resp	Lower	Upper
83	5712		
85	67.0	53.2	79.8



Abundance Ion 82.90 (82.60 to 83.60): VNC
 Ion 84.90 (84.60 to 85.60): VNC

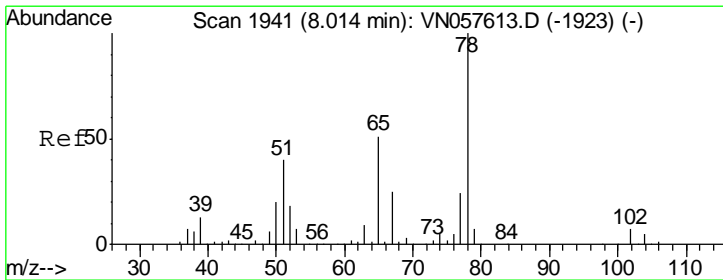
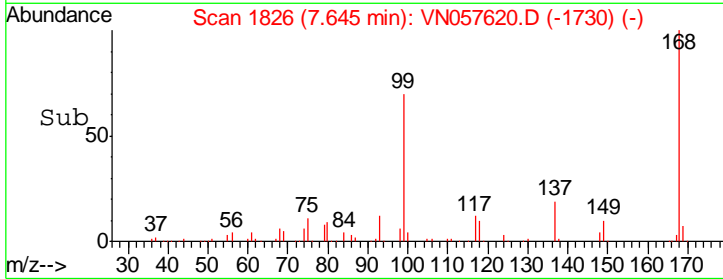
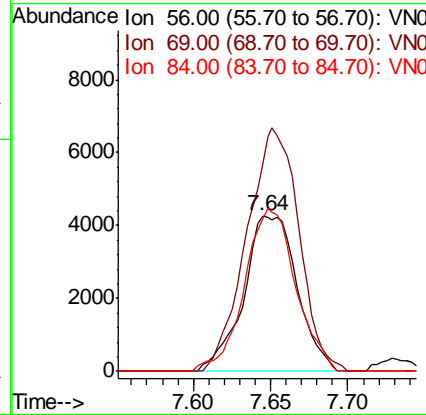
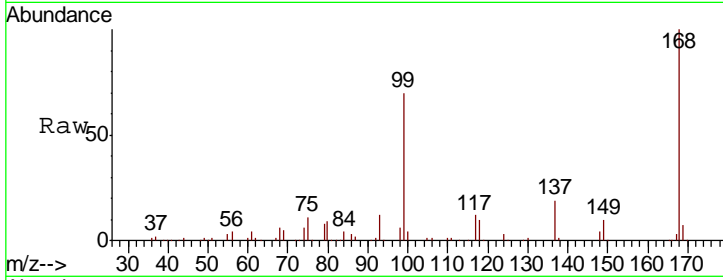




#31
 Cyclohexane
 Concen: 1.112 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

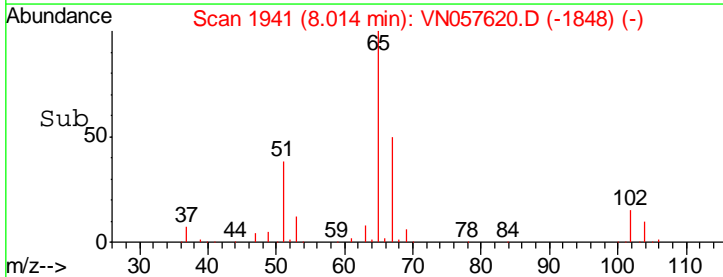
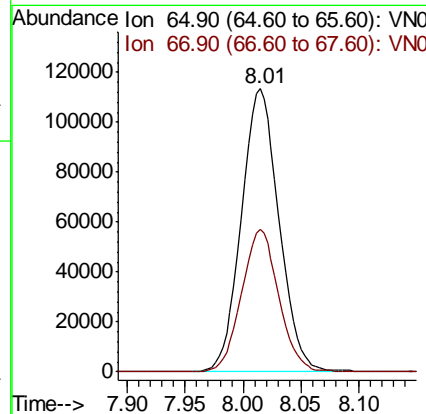
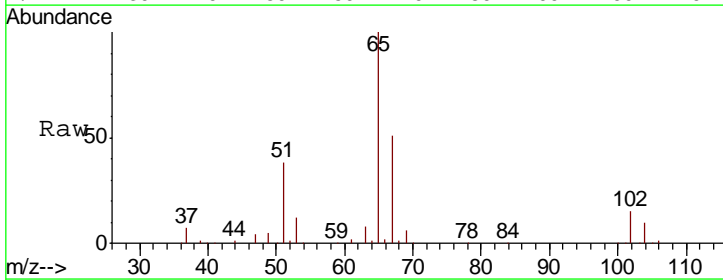
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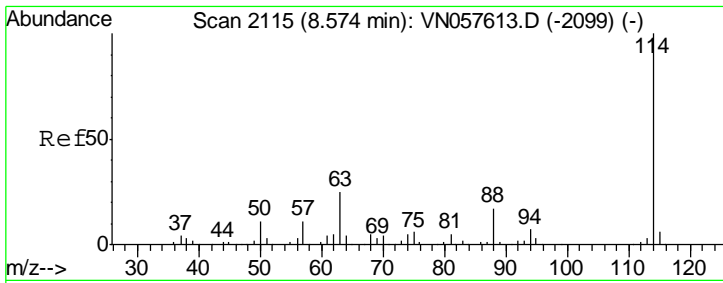
Tgt Ion	Resp	Lower	Upper
56	10245		
69	133.9	24.4	36.6#
84	98.5	59.9	89.9#



#33
 1,2-Dichloroethane-d4
 Concen: 36.800 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion	Resp	Lower	Upper
65	255946		
67	49.8	0.0	102.2

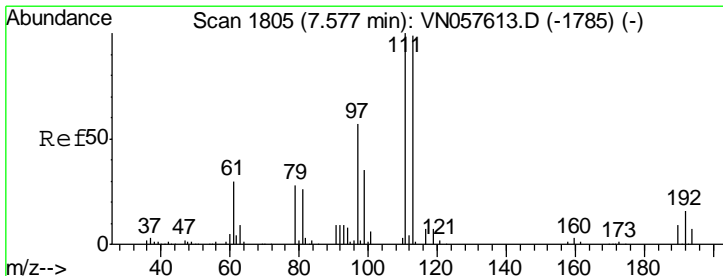
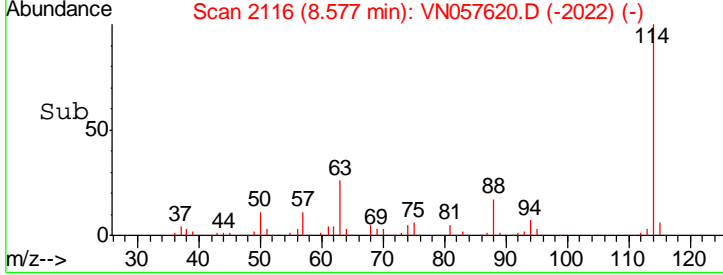
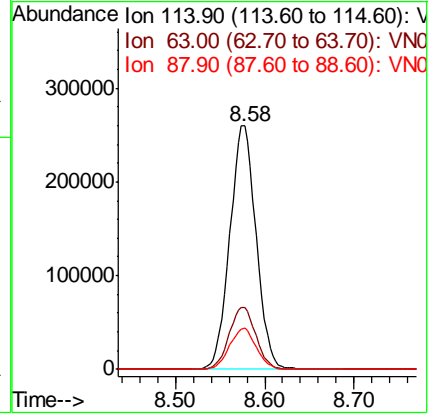
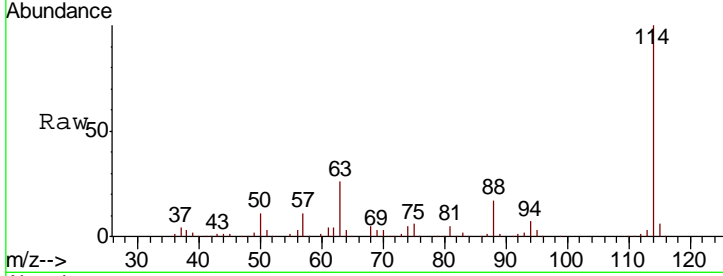




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

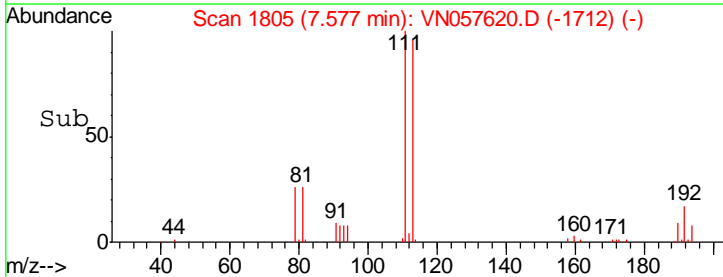
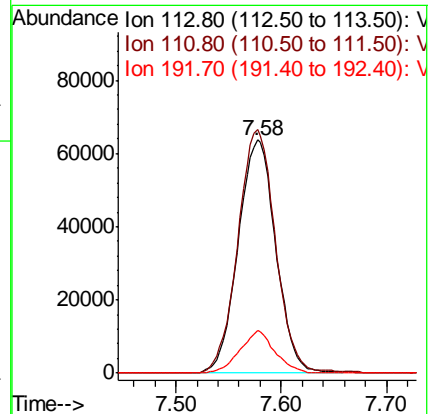
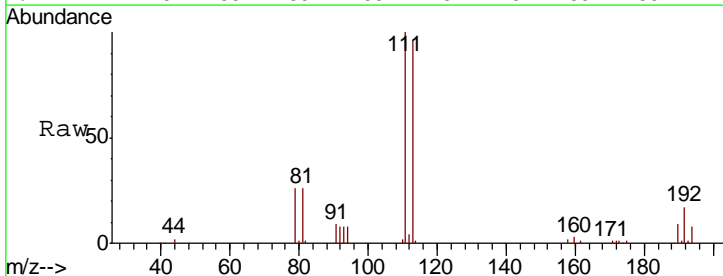
Instrument :
 MSVOA_N
 ClientSampled :

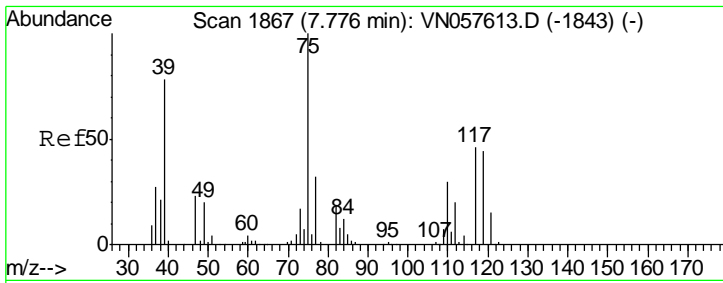
Tgt Ion	Resp	Lower	Upper
114	531019		
63	25.5	0.0	49.0
88	16.9	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 34.145 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion	Resp	Lower	Upper
113	158342		
111	104.5	81.3	121.9
192	16.9	13.5	20.3

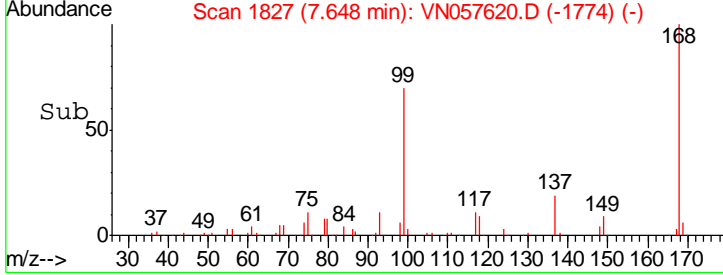
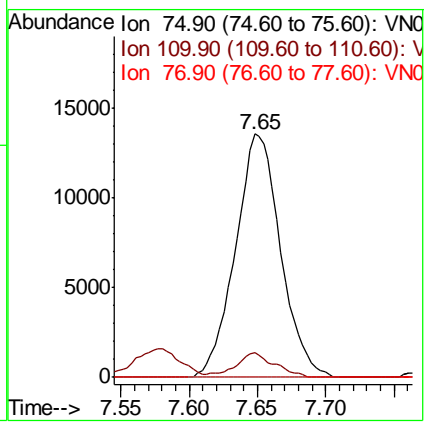
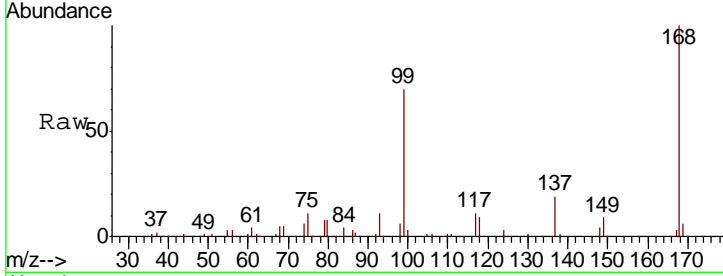




#36
 1,1-Dichloropropene
 Concen: 4.412 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

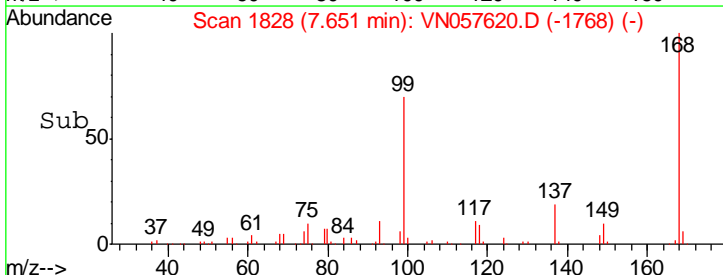
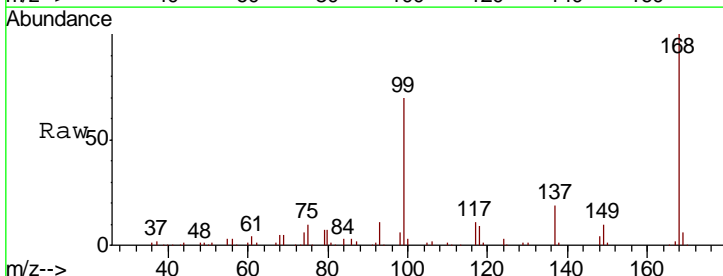
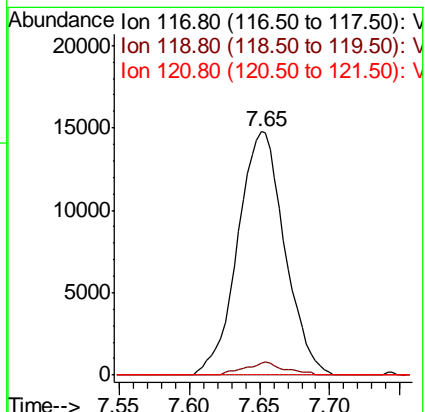
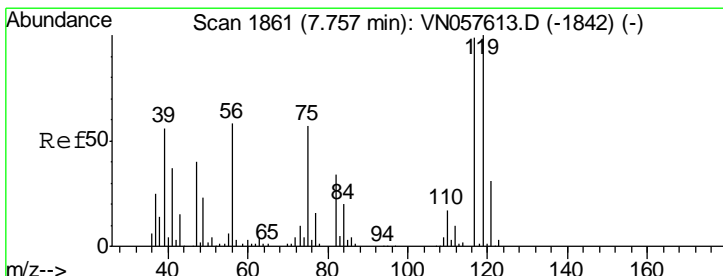
Instrument :
 MSVOA_N
 ClientSampled :

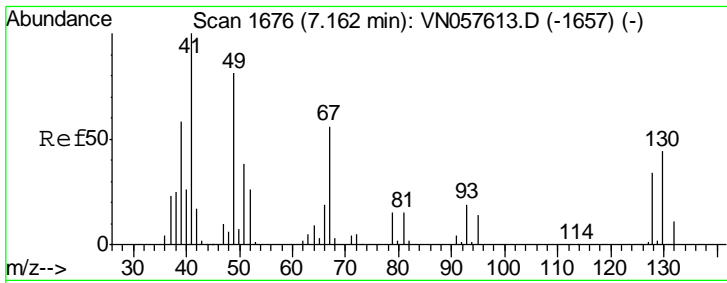
Tgt Ion	Resp	Lower	Upper
75	31064		
110	8.6	15.6	46.8#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.430 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion	Resp	Lower	Upper
117	34221		
119	4.7	80.6	120.8#
121	0.0	25.1	37.7#

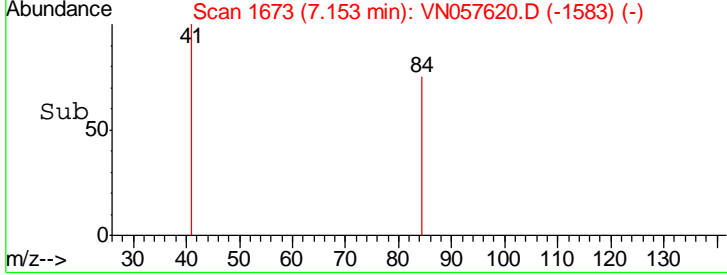
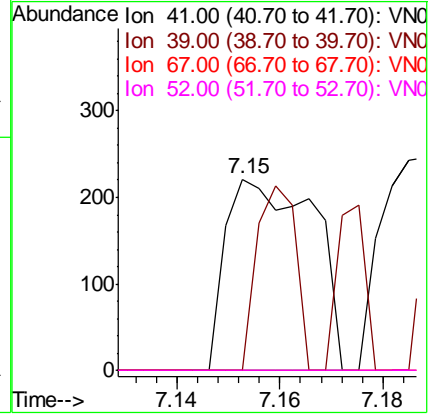
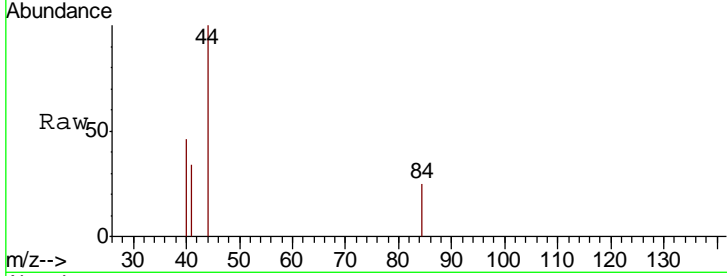




#41
 Methacrylonitrile
 Concen: 2.349 ug/l
 RT: 7.15 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

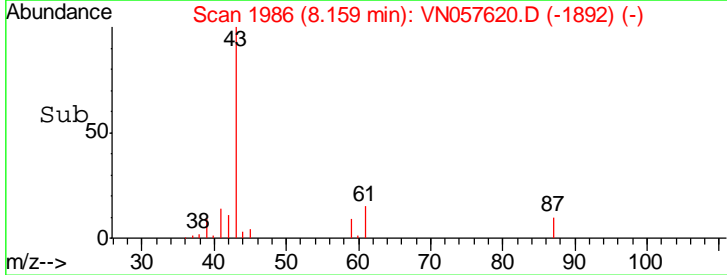
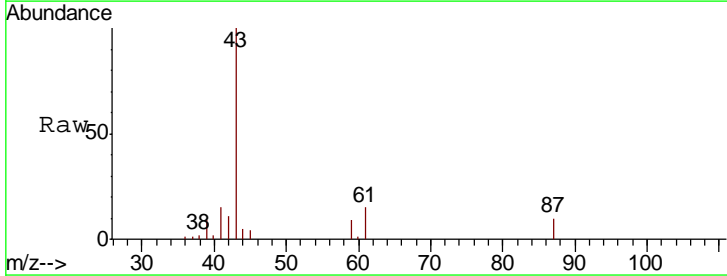
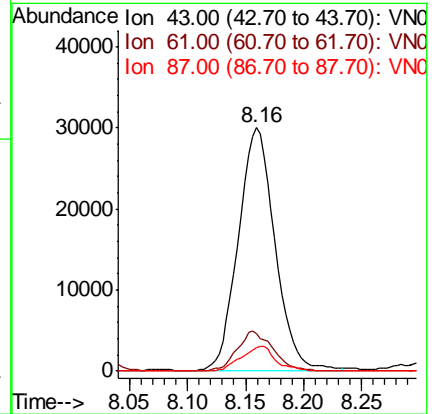
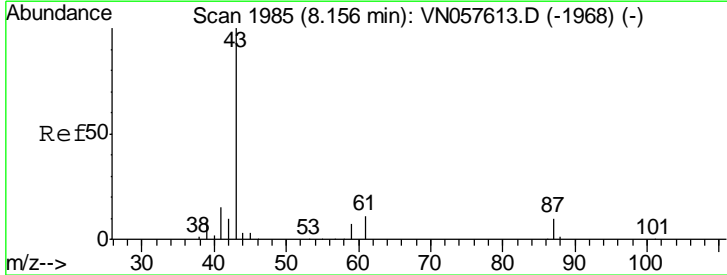
Instrument :
 MSVOA_N
 ClientSampled :

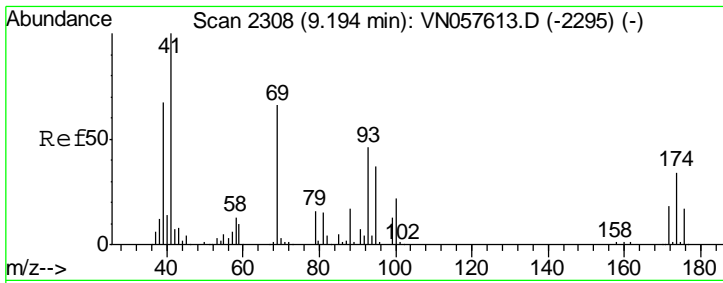
Tgt Ion	Resp	Lower	Upper
41	100		
39	42.7	50.6	75.8#
67	0.0	56.9	85.3#
52	0.0	27.4	41.2#



#43
 Isopropyl Acetate
 Concen: 5.488 ug/l
 RT: 8.16 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion	Resp	Lower	Upper
43	100		
61	15.9	13.1	19.7
87	9.4	8.1	12.1

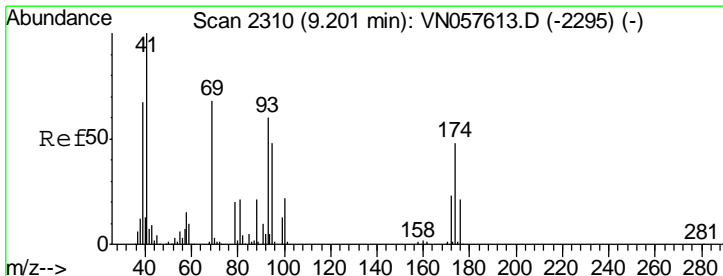
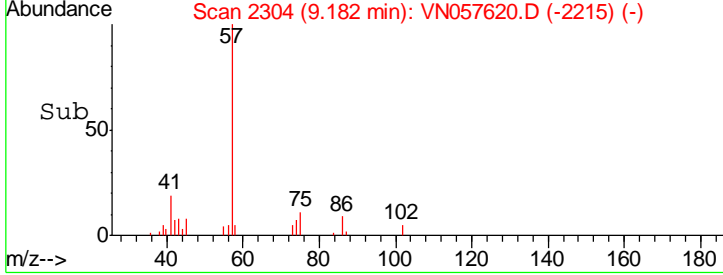
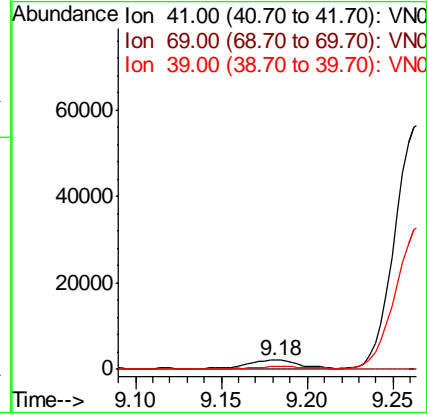
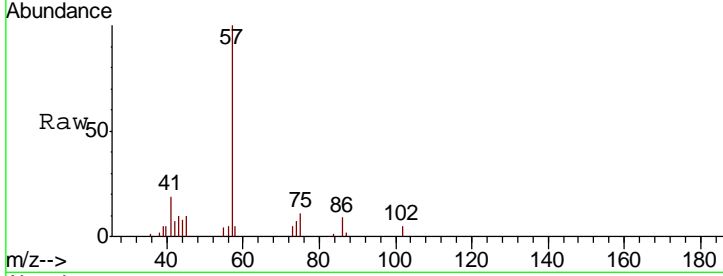




#48
 Methyl methacrylate
 Concen: 0.633 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

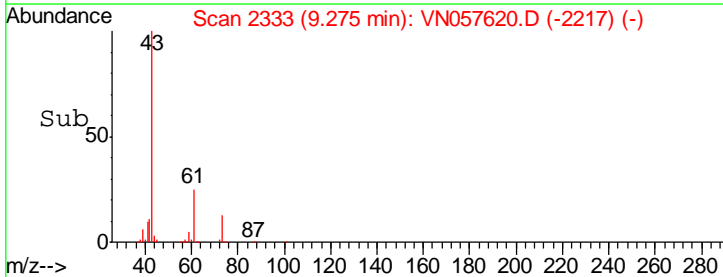
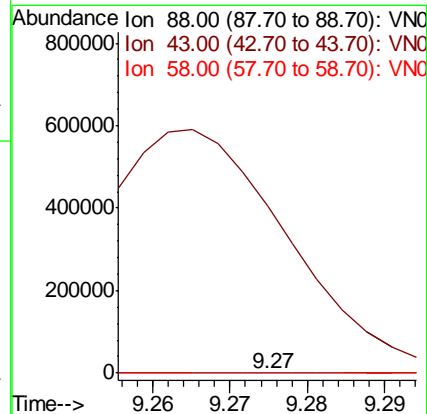
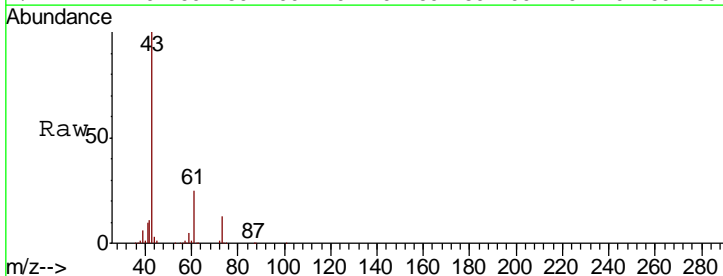
Instrument :
 MSVOA_N
 ClientSampled :

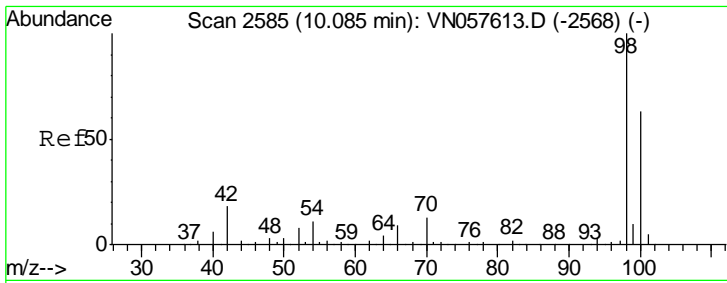
Tgt Ion	Resp	Lower	Upper
41	100		
69	0.0	55.1	82.7#
39	0.0	55.4	83.2#



#49
 1,4-Dioxane
 Concen: 1.747 ug/l
 RT: 9.27 min Scan# 2333
 Delta R.T. 0.07 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion	Resp	Lower	Upper
88	100		
43	850704.0	35.0	52.4#
58	3622.2	61.6	92.4#

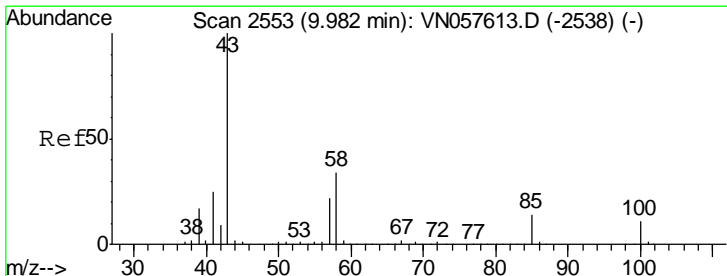
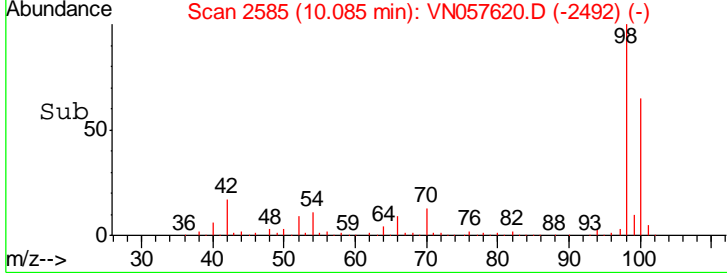
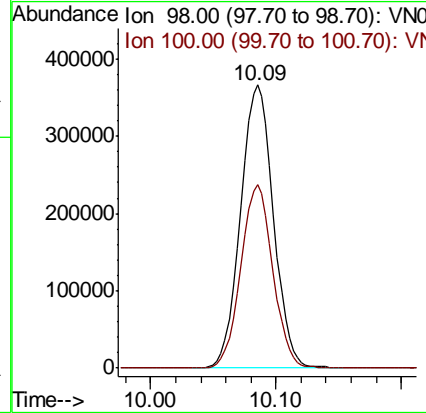
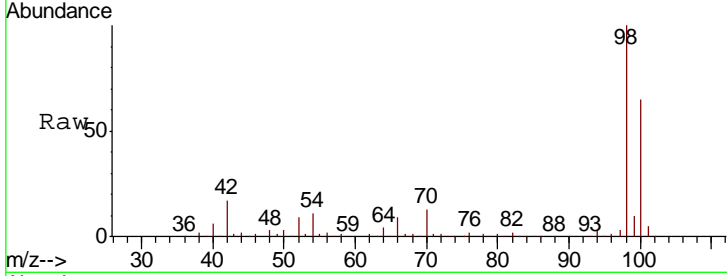




#50
 Toluene-d8
 Concen: 37.382 ug/l
 RT: 10.09 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

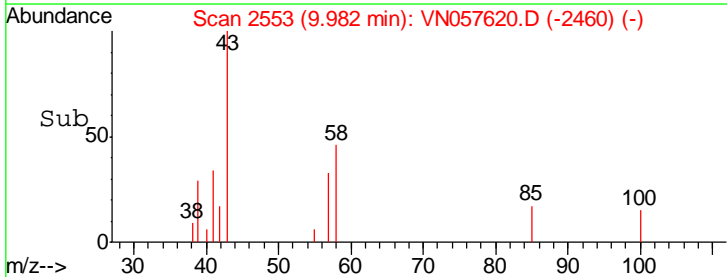
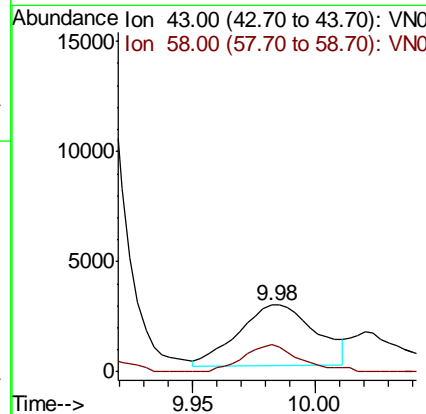
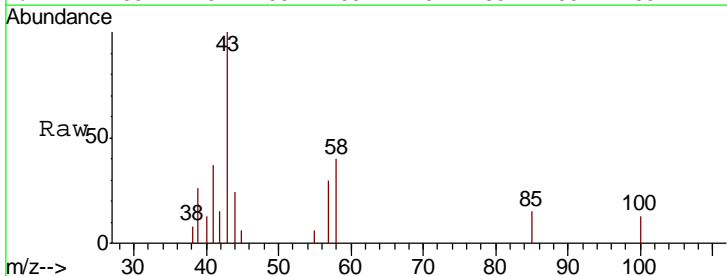
Instrument :
 MSVOA_N
 ClientSampled :

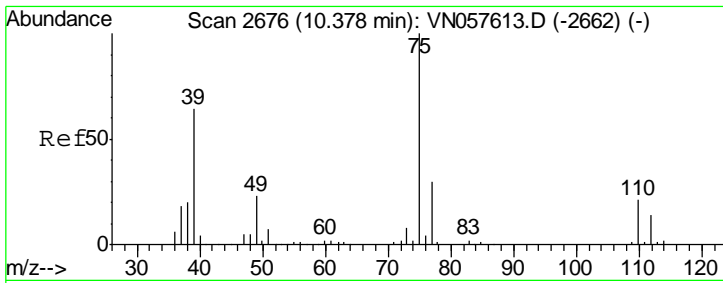
Tgt Ion: 98 Resp: 665532
 Ion Ratio Lower Upper
 98 100
 100 63.3 49.8 74.8



#51
 4-Methyl-2-Pentanone
 Concen: 0.878 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion: 43 Resp: 6071
 Ion Ratio Lower Upper
 43 100
 58 32.8 26.9 40.3

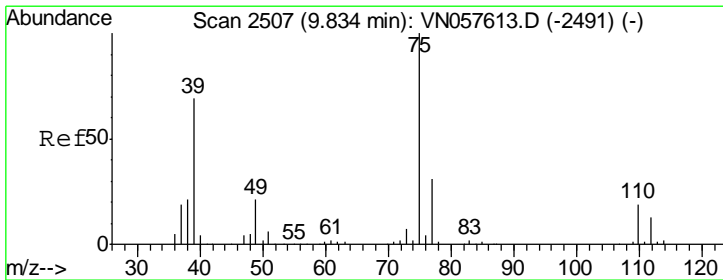
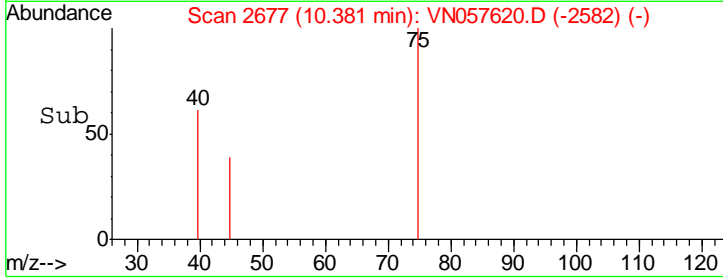
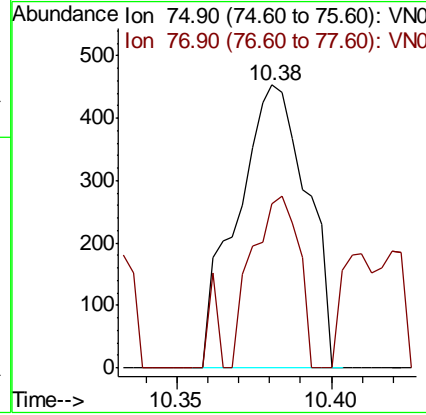
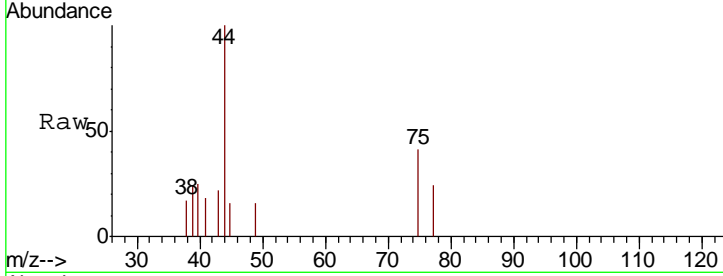




#53
 t-1,3-Dichloropropene
 Concen: 3.303 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

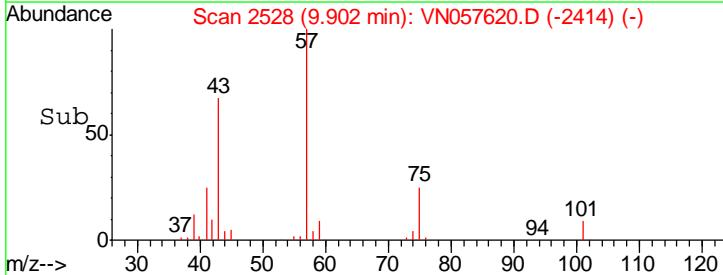
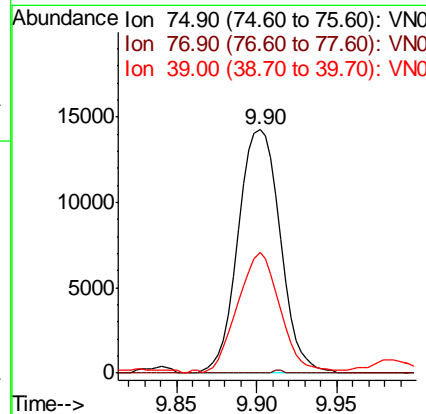
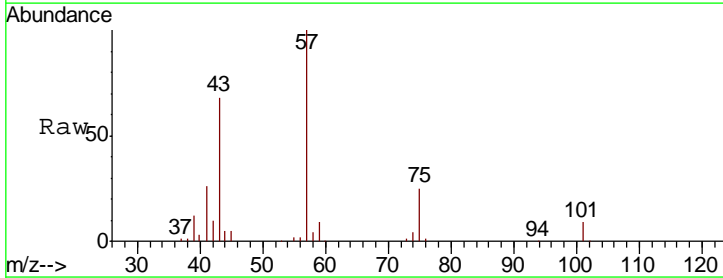
Instrument :
 MSVOA_N
 ClientSampled :

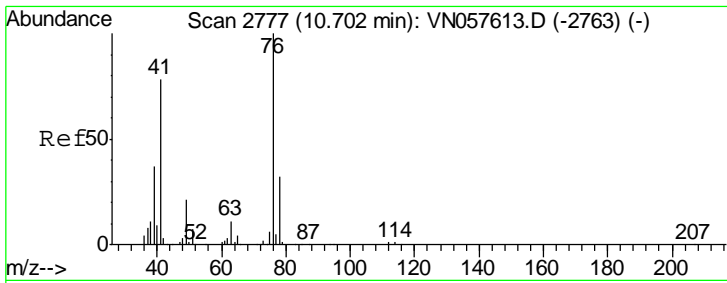
Tgt Ion	Resp	Lower	Upper
75	100		
77	58.3	24.1	36.1#



#54
 cis-1,3-Dichloropropene
 Concen: 4.611 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion	Resp	Lower	Upper
75	100		
77	0.0	24.8	37.2#
39	48.7	55.0	82.4#

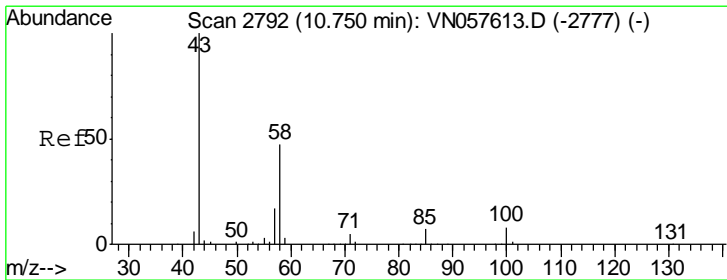
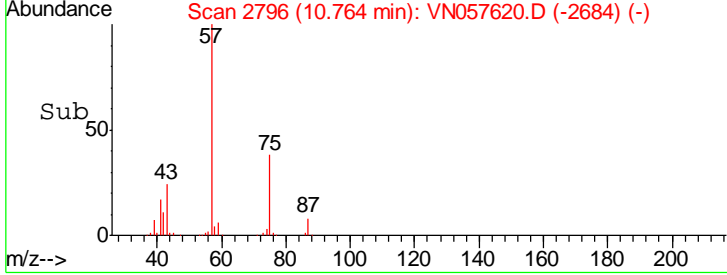
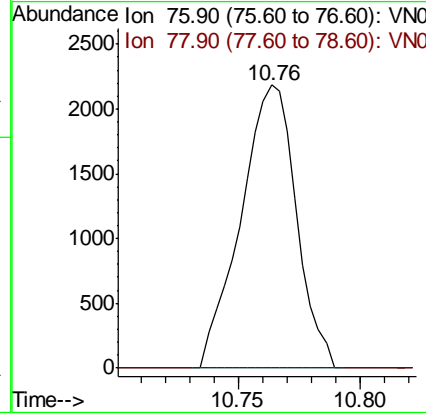
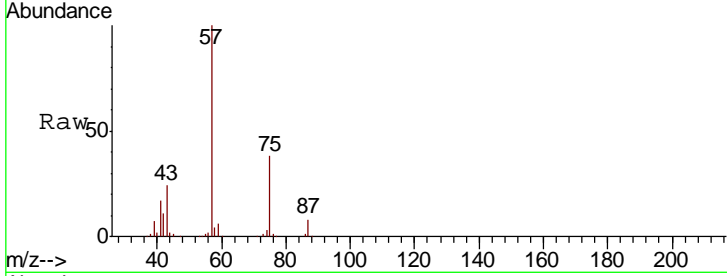




#57
 1,3-Dichloropropane
 Concen: 0.409 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

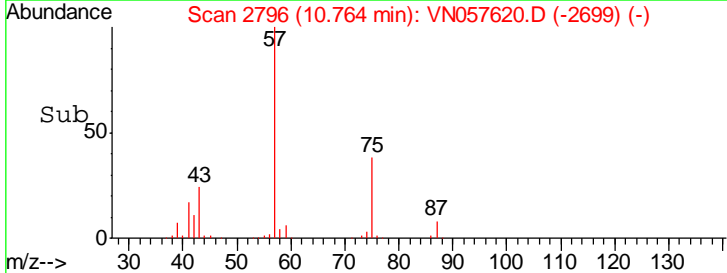
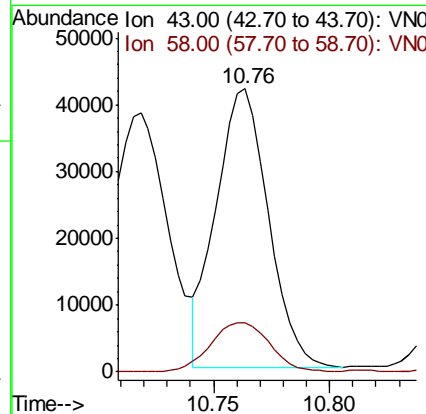
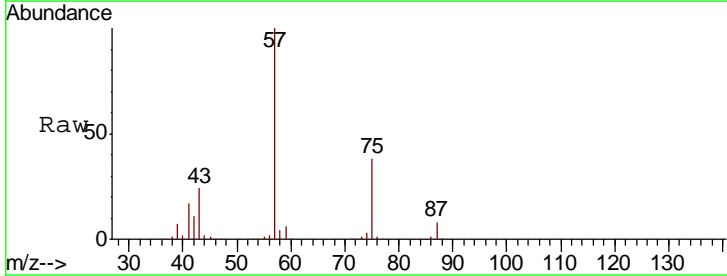
Instrument : MSVOA_N
 ClientSampled :

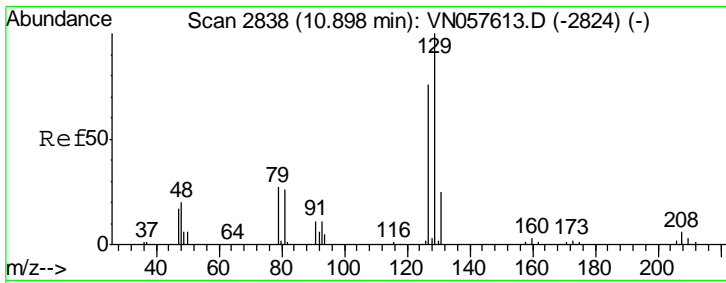
Tgt Ion: 76 Resp: 3447
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.4 38.2#



#59
 2-Hexanone
 Concen: 12.880 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion: 43 Resp: 65409
 Ion Ratio Lower Upper
 43 100
 58 20.1 23.5 70.5#

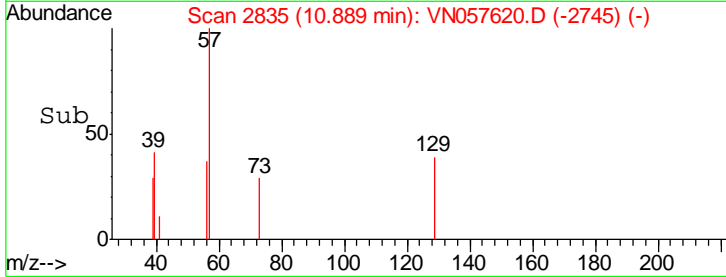
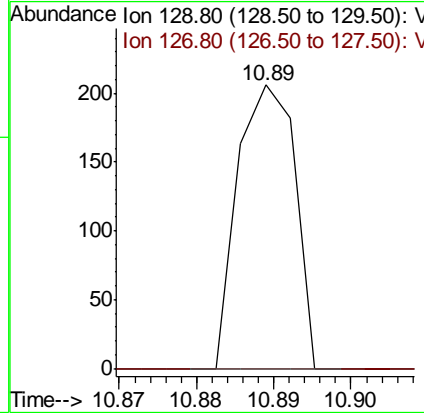
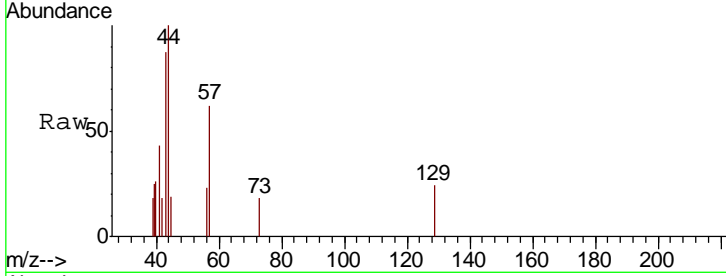




#60
 Dibromochloromethane
 Concen: 3.565 ug/l
 RT: 10.89 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

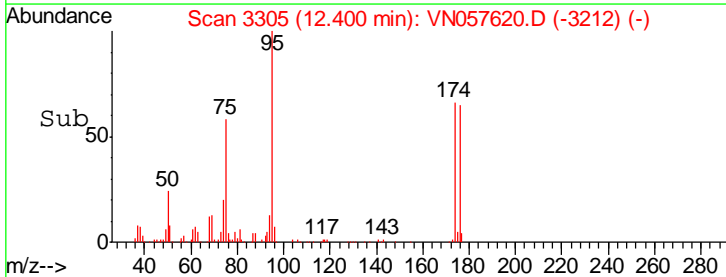
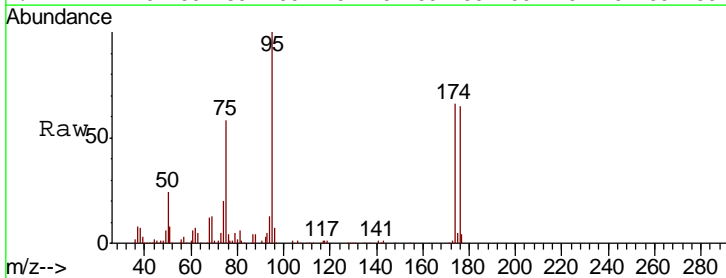
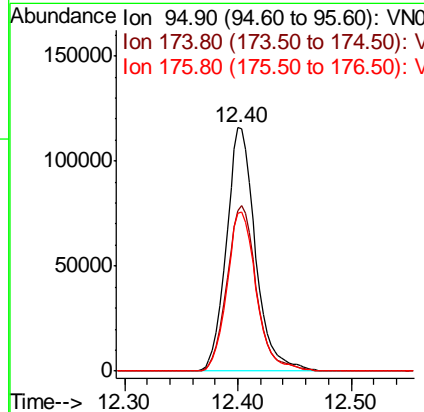
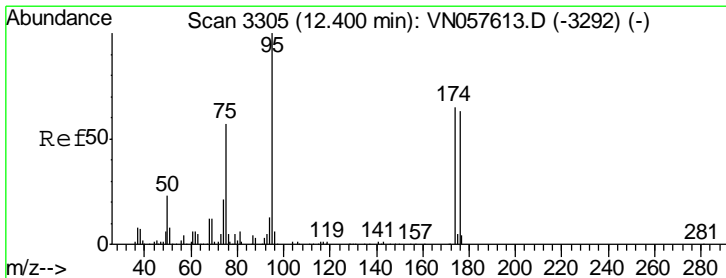
Instrument :
 MSVOA_N
 ClientSampled :

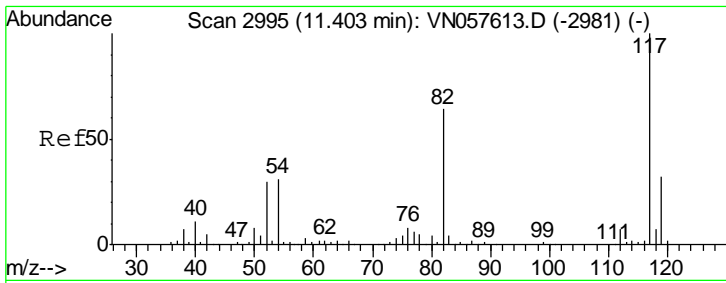
Tgt Ion: 129 Resp: 106
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.3 114.8#



#62
 4-Bromofluorobenzene
 Concen: 30.531 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion: 95 Resp: 206697
 Ion Ratio Lower Upper
 95 100
 174 69.1 0.0 134.8
 176 66.2 0.0 131.6

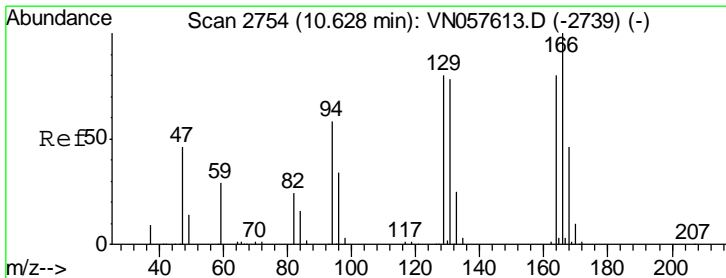
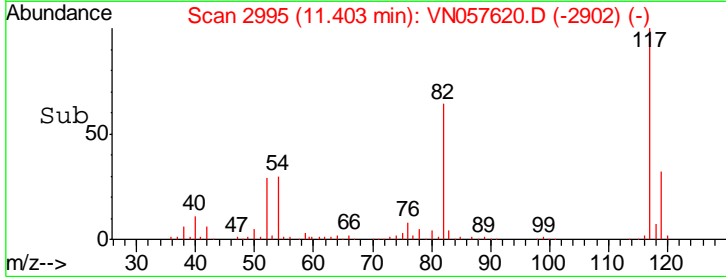
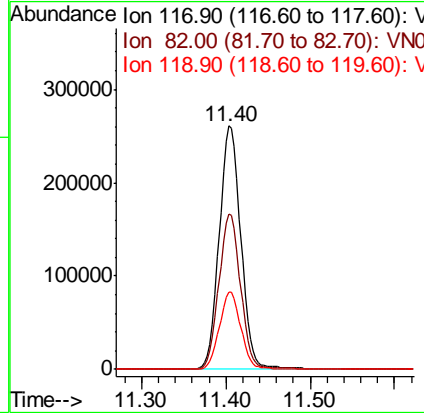
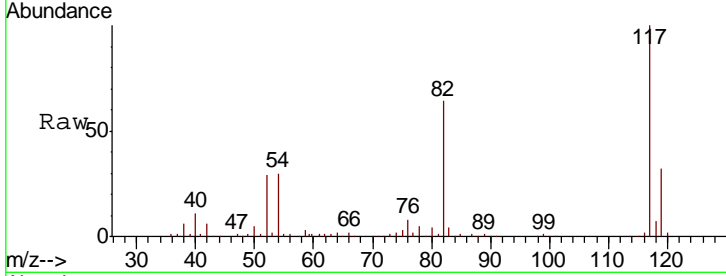




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.40 min Scan# 2995
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

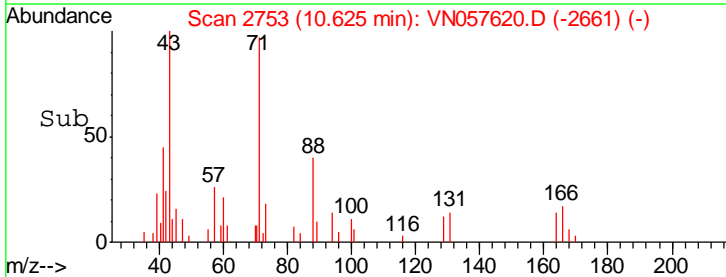
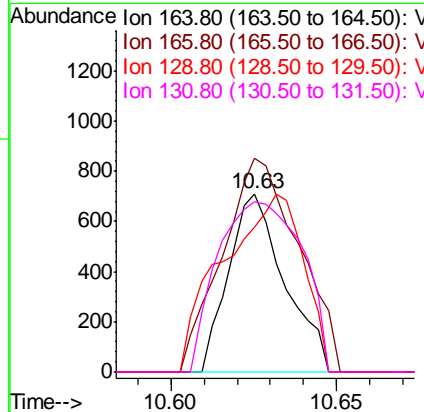
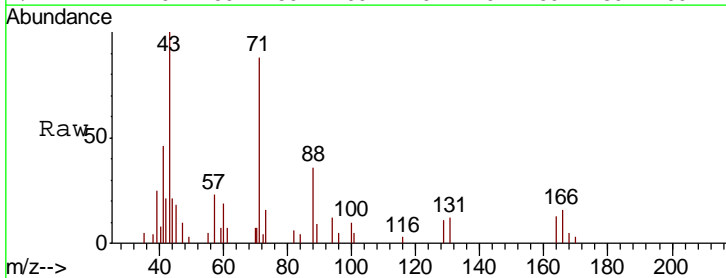
Instrument :
 MSVOA_N
 ClientSampled :

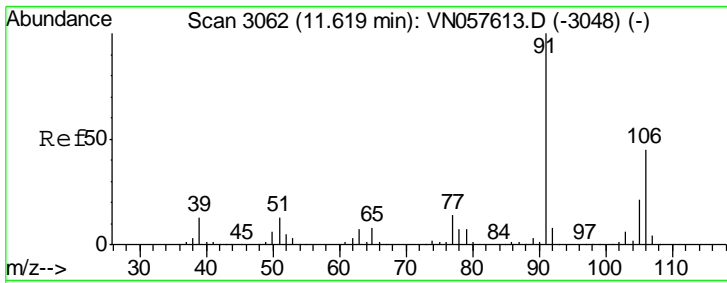
Tgt Ion	Resp	Lower	Upper
117	100		
82	63.8	51.6	77.4
119	31.7	25.8	38.6



#64
 Tetrachloroethene
 Concen: 0.206 ug/l
 RT: 10.63 min Scan# 2753
 Delta R.T. -0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion	Resp	Lower	Upper
164	100		
166	119.8	100.6	151.0
129	81.4	80.4	120.6
131	95.8	78.6	118.0

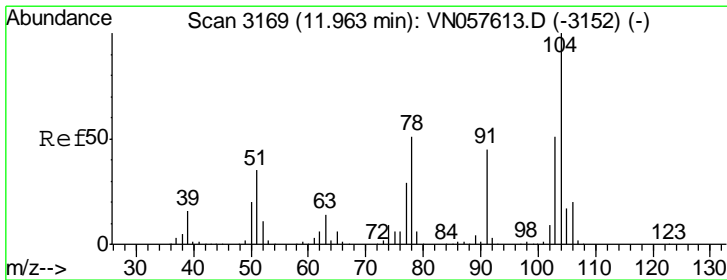
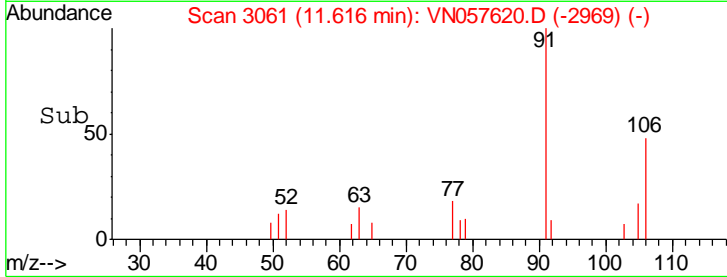
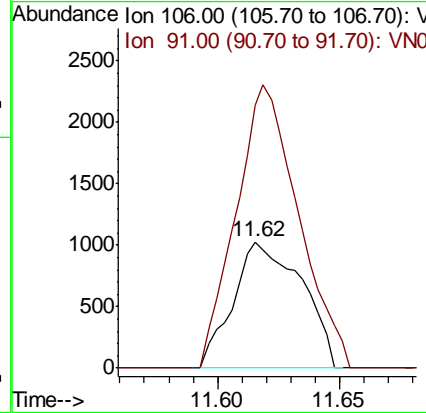
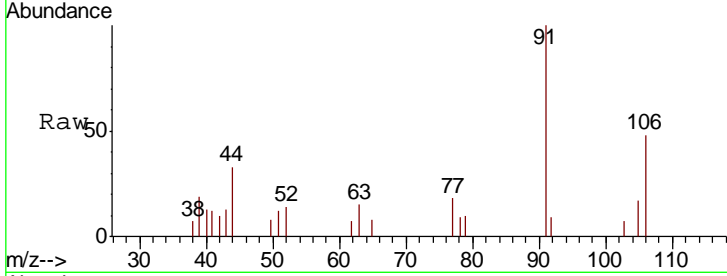




#68
 m/p-Xylenes
 Concen: 0.250 ug/l
 RT: 11.62 min Scan# 3061
 Delta R.T. -0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

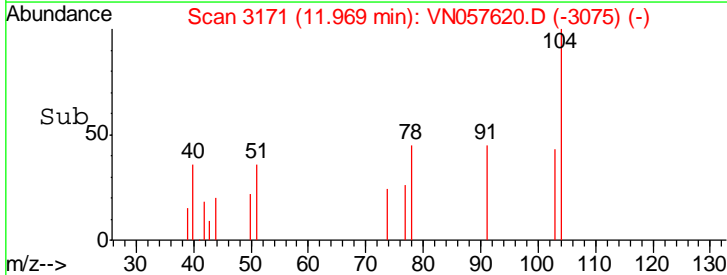
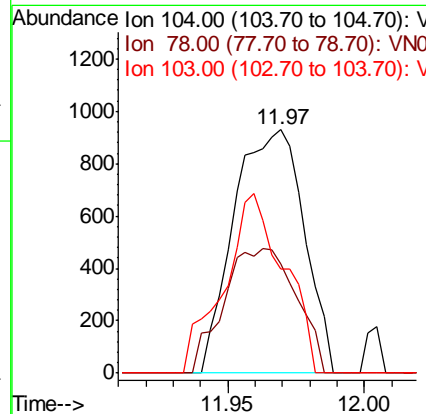
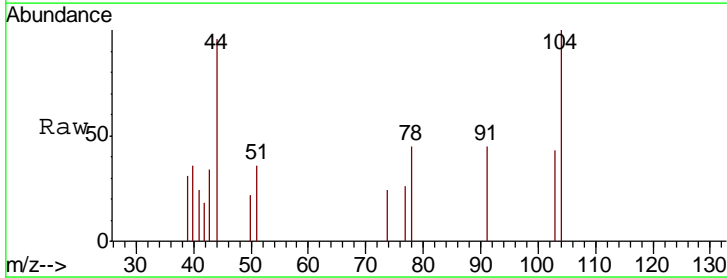
Instrument : MSVOA_N
 ClientSampled :

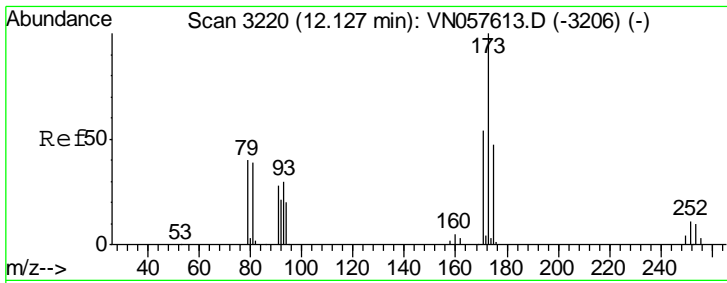
Tgt Ion:106 Resp: 2003
 Ion Ratio Lower Upper
 106 100
 91 204.4 176.2 264.2



#70
 Styrene
 Concen: 2.696 ug/l
 RT: 11.97 min Scan# 3171
 Delta R.T. 0.01 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion:104 Resp: 1657
 Ion Ratio Lower Upper
 104 100
 78 53.0 46.6 70.0
 103 63.4 44.7 67.1

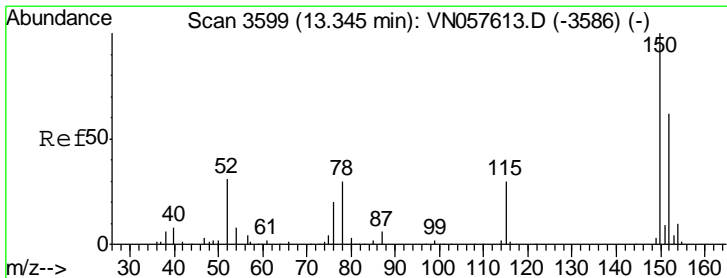
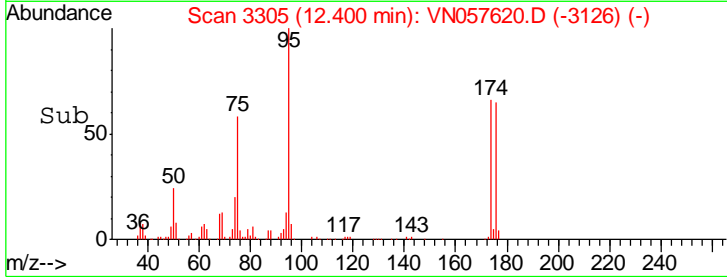
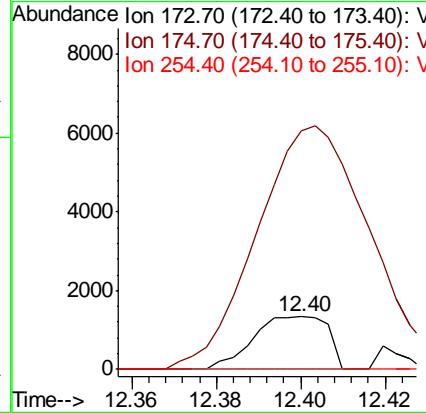
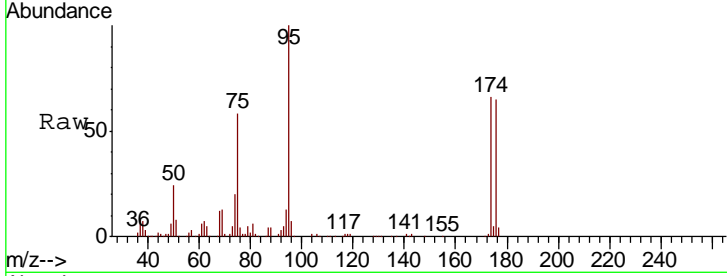




#71
 Bromoform
 Concen: 6.696 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.27 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

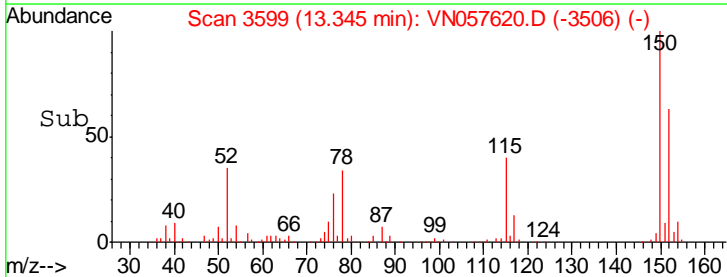
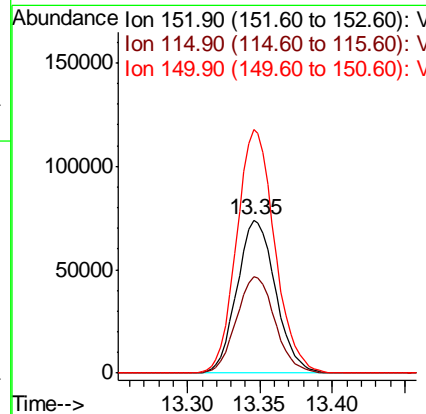
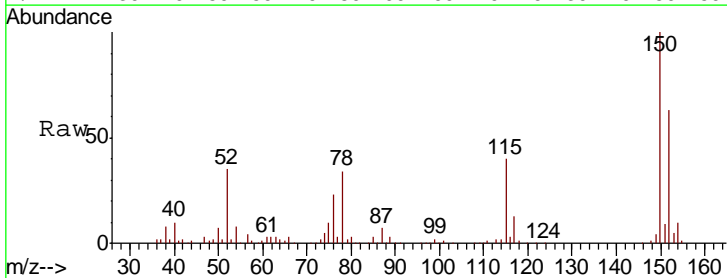
Instrument :
 MSVOA_N
 ClientSampled :

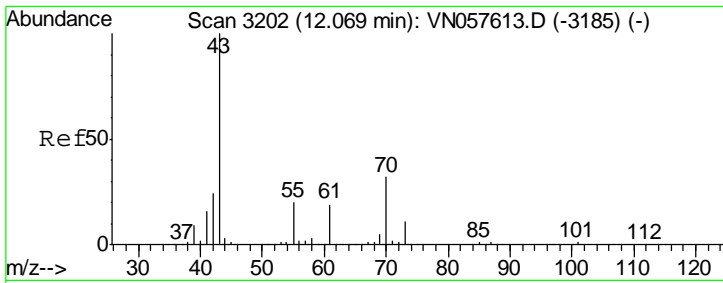
Tgt Ion	Resp	Lower	Upper
173	100		
175	568.4	24.4	73.4#
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion	Resp	Lower	Upper
152	100		
115	63.2	33.2	99.6
150	157.1	0.0	365.2

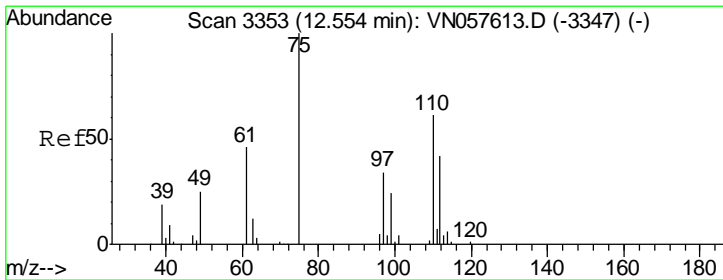
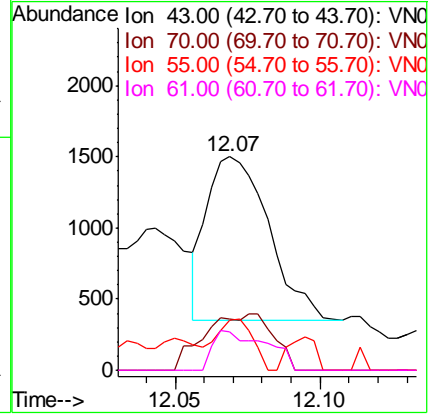
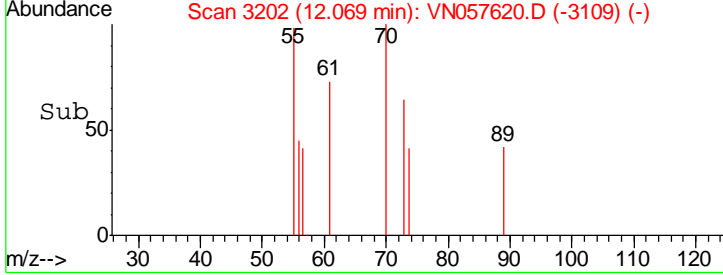
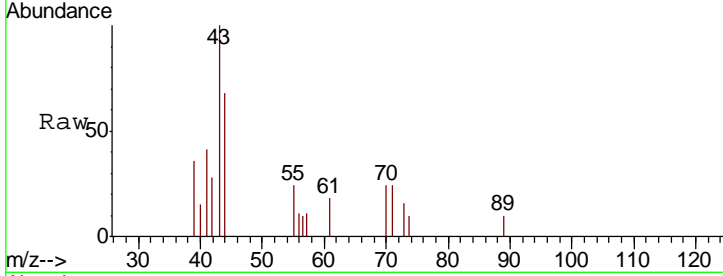




#74
 N-amyl acetate
 Concen: 0.262 ug/l
 RT: 12.07 min Scan# 3202
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

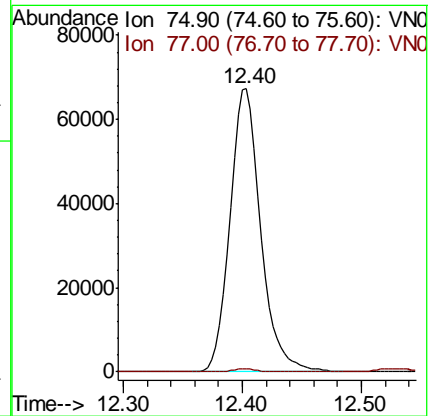
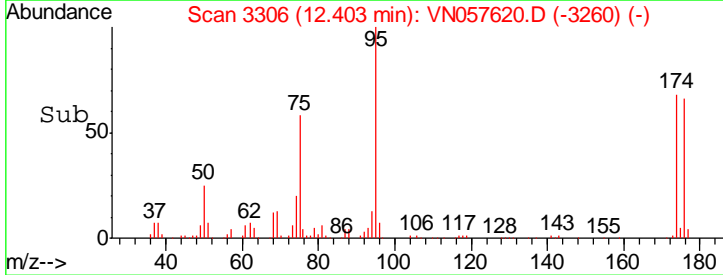
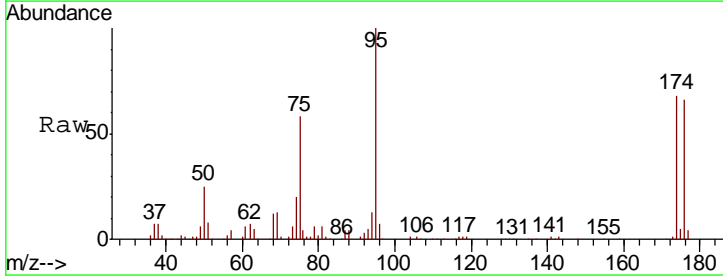
Instrument :
 MSVOA_N
 ClientSampled :

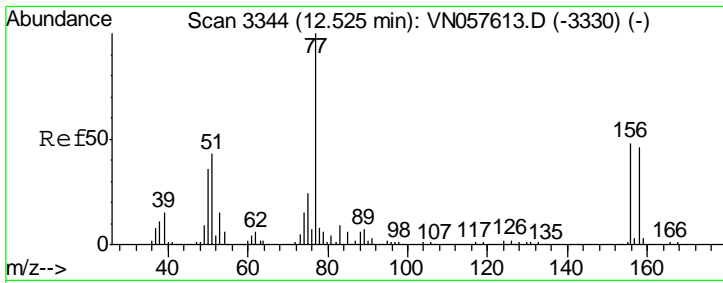
Tgt Ion	Resp	Lower	Upper
43	1704		
70	38.4	26.9	40.3
55	18.4	16.8	25.2
61	21.0	15.1	22.7



#76
 1,2,3-Trichloropropane
 Concen: 33.506 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion	Resp	Lower	Upper
75	120388		
77	1.0	0.0	0.0#

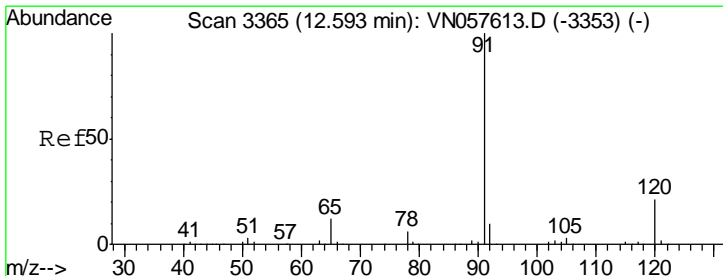
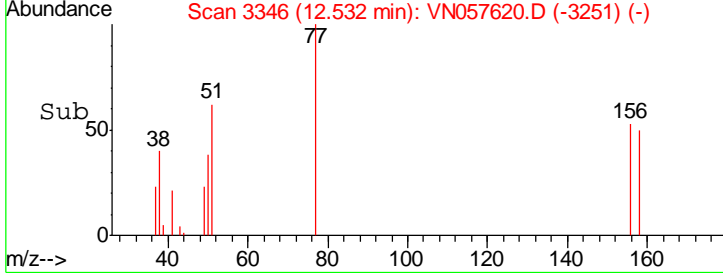
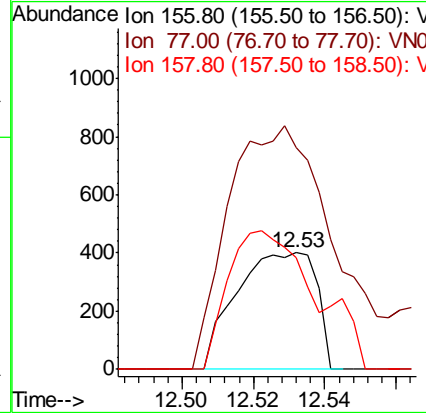
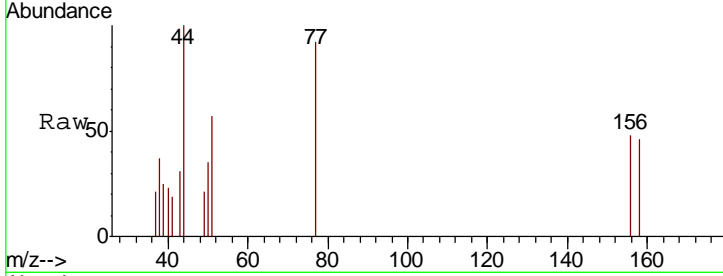




#77
 Bromobenzene
 Concen: 0.211 ug/l
 RT: 12.53 min Scan# 3346
 Delta R.T. 0.01 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

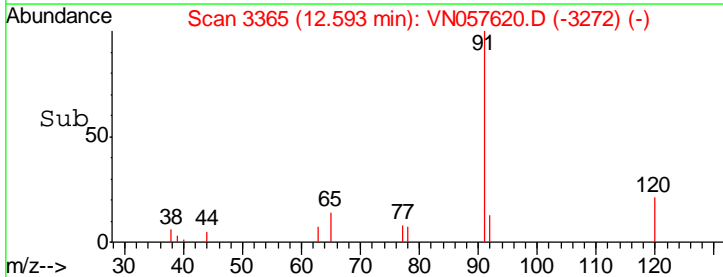
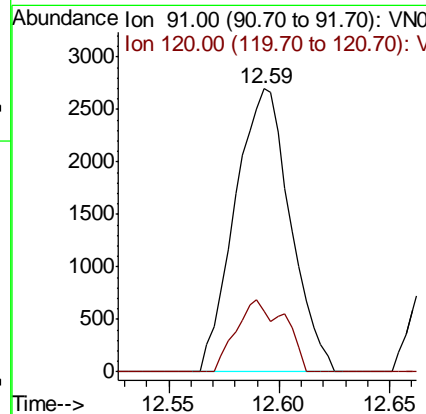
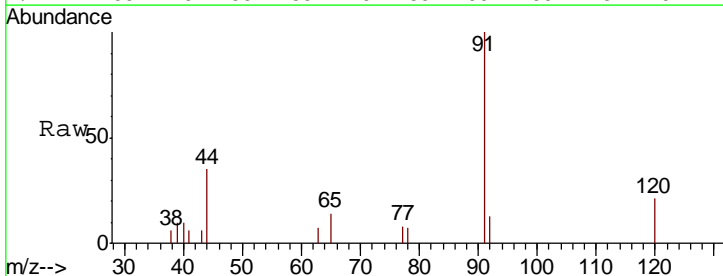
Instrument : MSVOA_N
 ClientSampled :

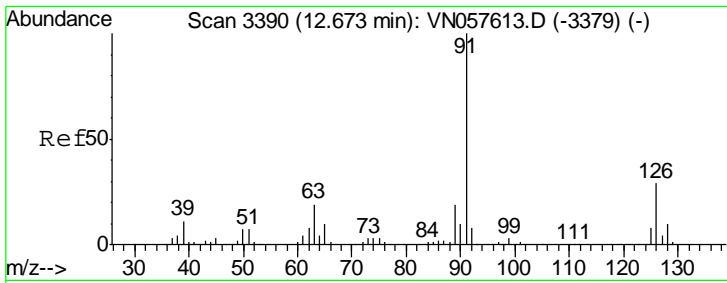
Tgt Ion	Resp	Lower	Upper
156	620		
156	100		
77	273.1	123.5	370.5
158	129.7	47.8	143.3



#78
 n-propylbenzene
 Concen: 0.307 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion	Resp	Lower	Upper
91	4712		
91	100		
120	22.4	10.4	31.4



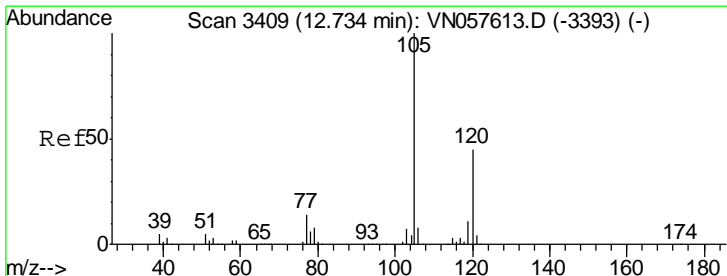
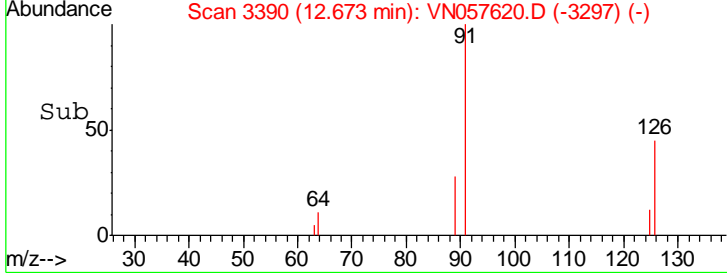
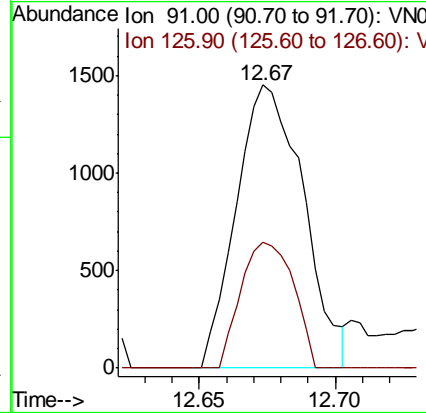
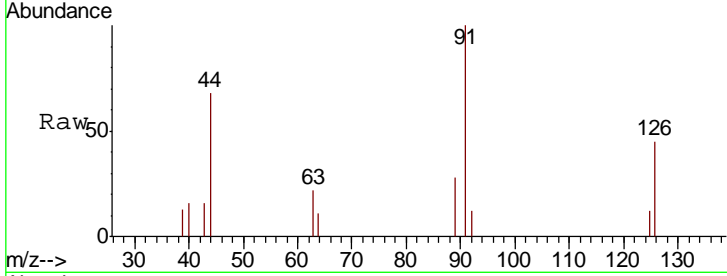


#79
 2-Chlorotoluene
 Concen: 0.260 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Instrument : MSVOA_N
 ClientSampled :

Tgt Ion: 91 Resp: 2484

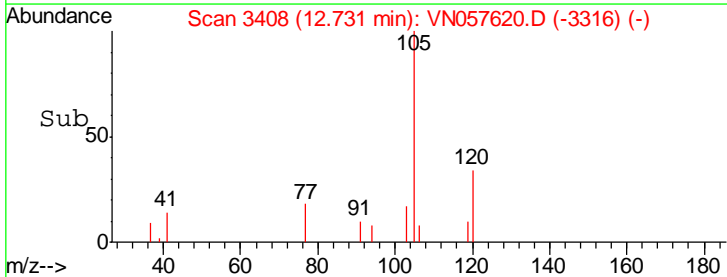
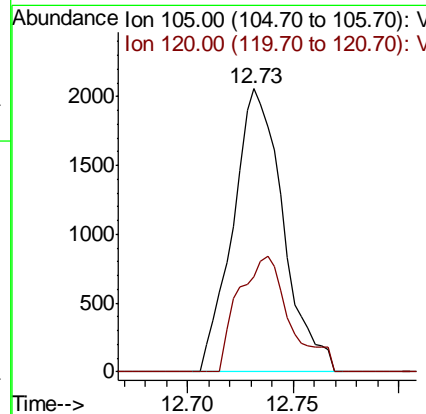
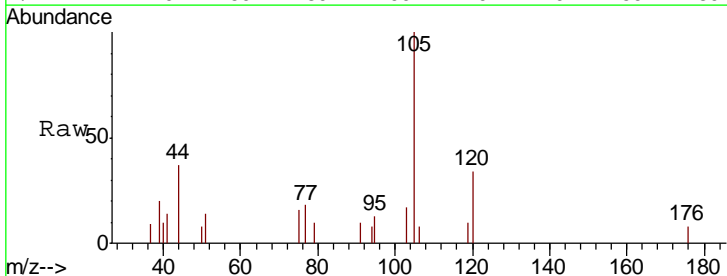
Ion	Ratio	Lower	Upper
91	100		
126	34.9	14.9	44.5

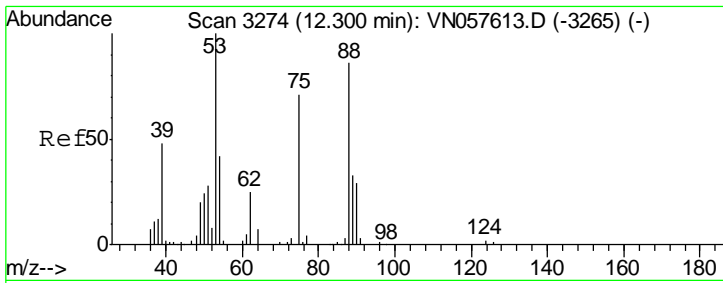


#80
 1,3,5-Trimethylbenzene
 Concen: 0.300 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion: 105 Resp: 3403

Ion	Ratio	Lower	Upper
105	100		
120	41.9	22.6	67.8

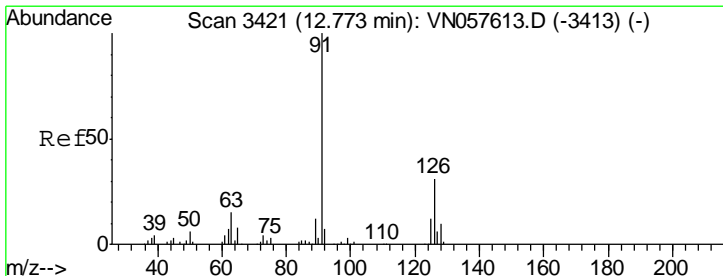
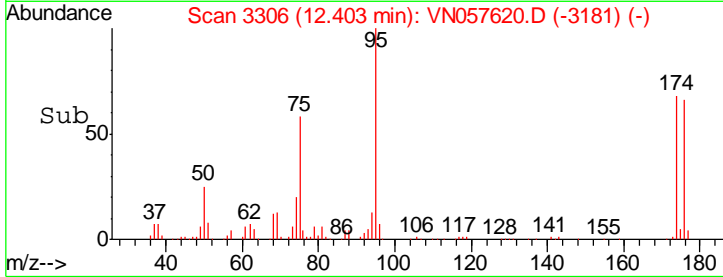
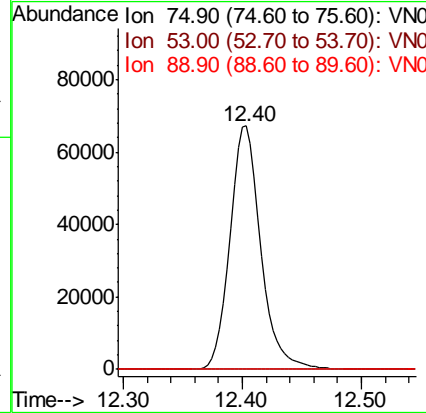
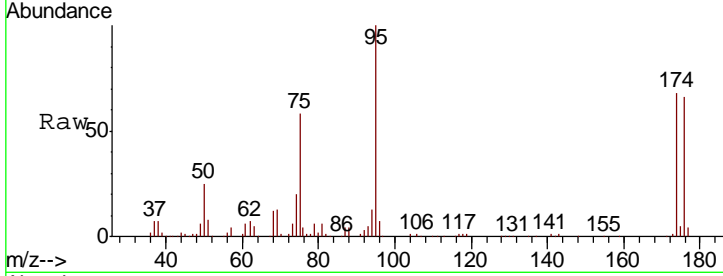




#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.854 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

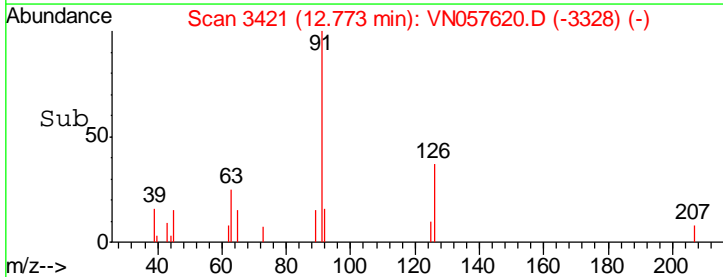
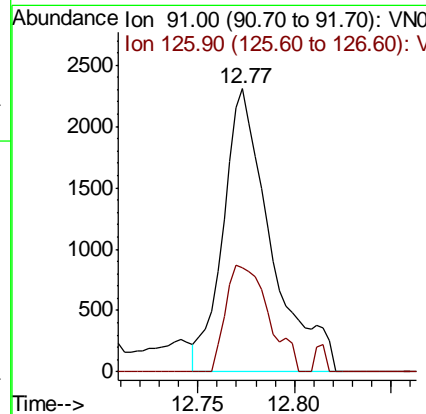
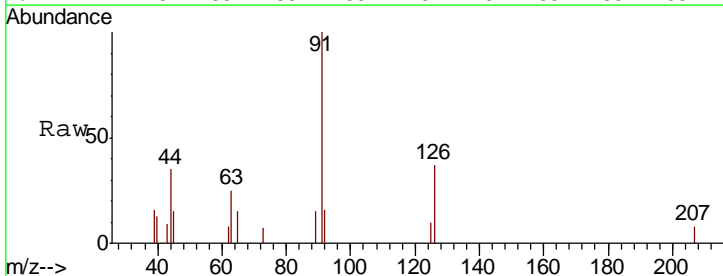
Instrument : MSVOA_N
 ClientSampled :

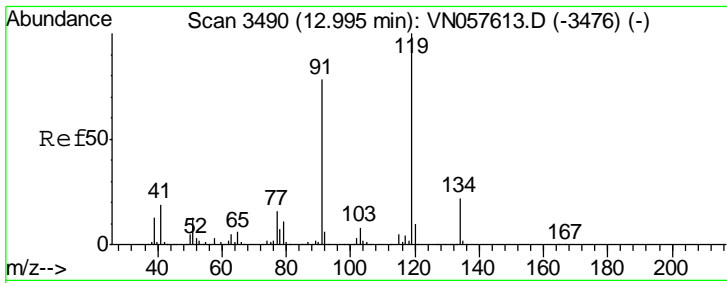
Tgt Ion	Resp	Lower	Upper
75	100		
53	0.0	111.0	166.6#
89	0.0	38.3	57.5#



#82
 4-Chlorotoluene
 Concen: 0.418 ug/l
 RT: 12.77 min Scan# 3421
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion	Resp	Lower	Upper
91	100		
126	33.7	14.4	43.2

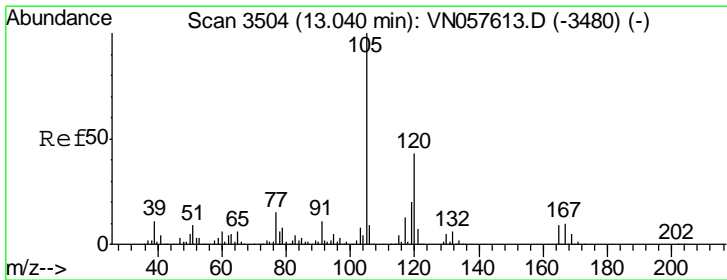
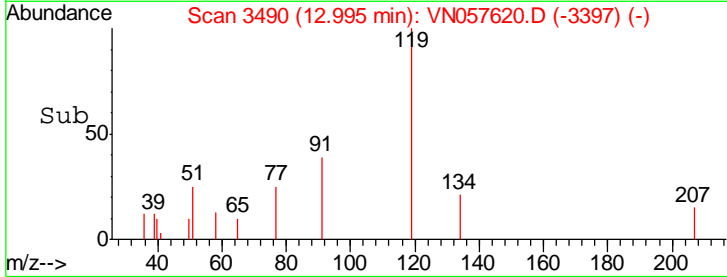
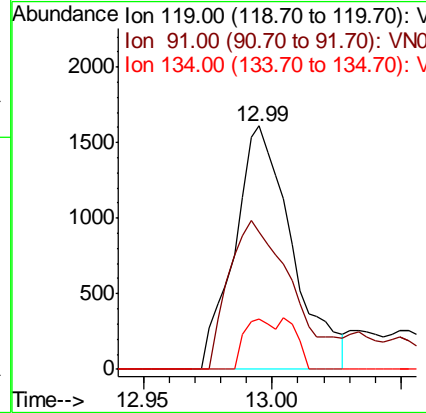
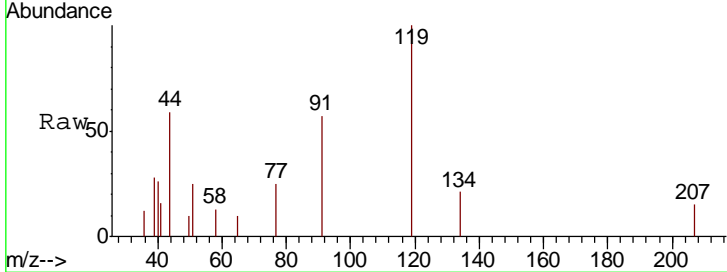




#83
 tert-Butylbenzene
 Concen: 0.261 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

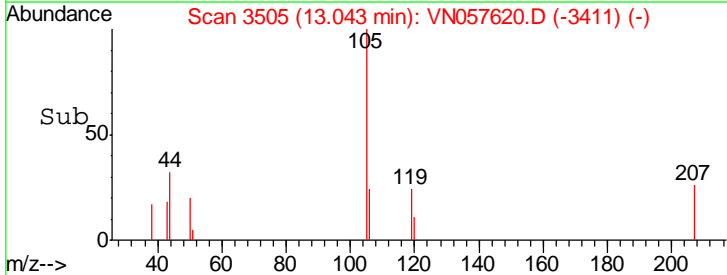
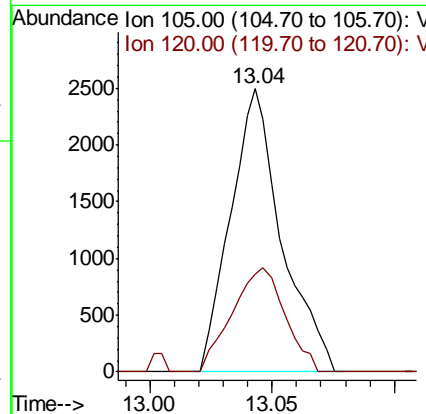
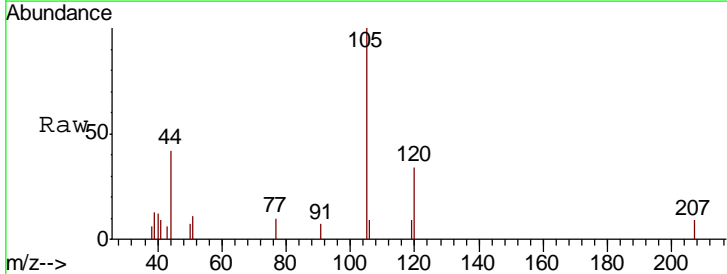
Instrument :
 MSVOA_N
 ClientSampled :

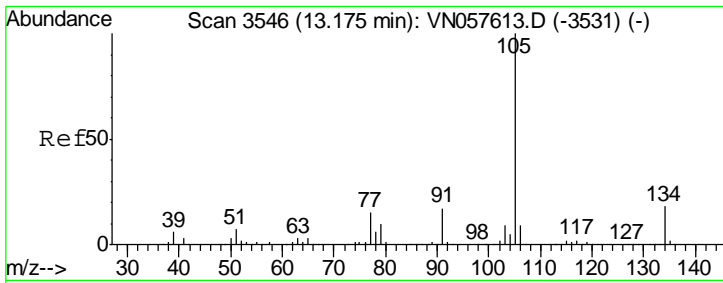
Tgt Ion	Resp	Lower	Upper
119	100		
91	65.0	38.3	114.9
134	11.1	11.3	33.8#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.330 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion	Resp	Lower	Upper
105	100		
120	38.2	20.8	62.5

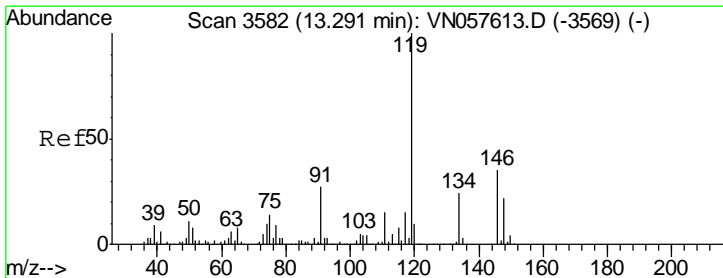
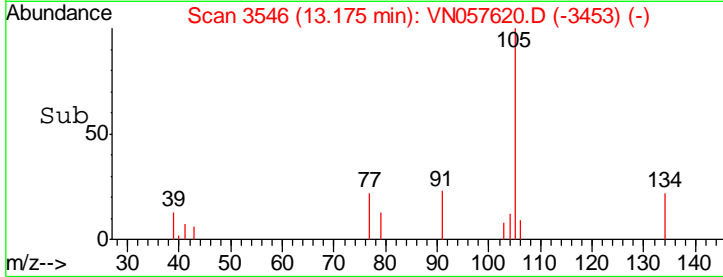
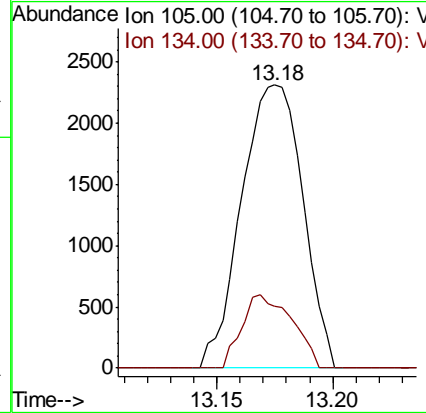
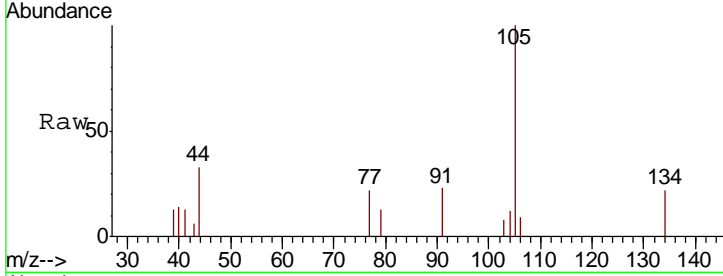




#85
 sec-Butylbenzene
 Concen: 0.328 ug/l
 RT: 13.18 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

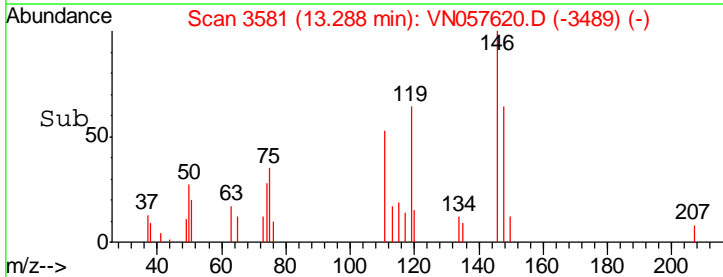
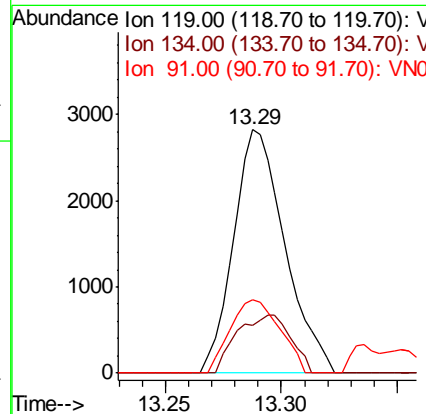
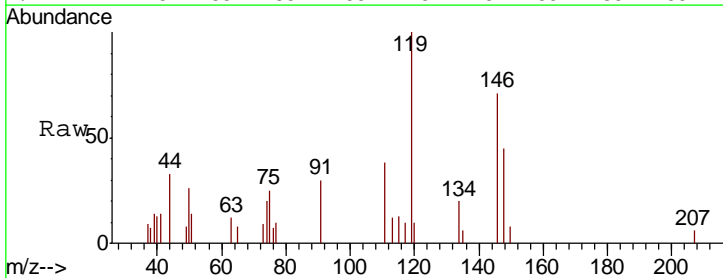
Instrument :
 MSVOA_N
 ClientSampled :

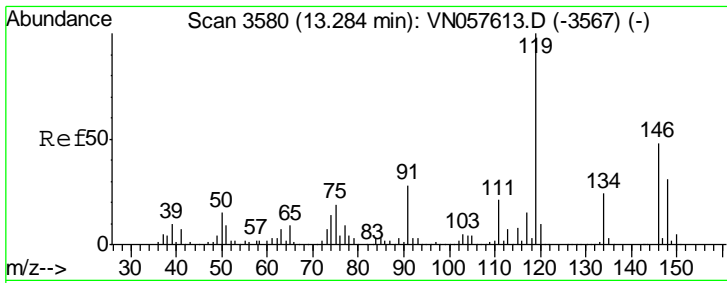
Tgt Ion	Resp	Lower	Upper
105	100		
134	21.3	8.9	26.8



#86
 p-Isopropyltoluene
 Concen: 0.404 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion	Resp	Lower	Upper
119	100		
134	25.1	11.9	35.5
91	29.2	13.7	41.0

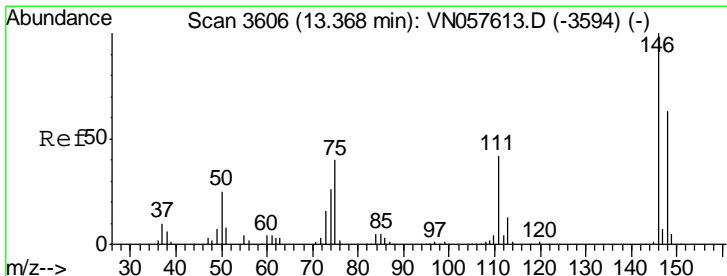
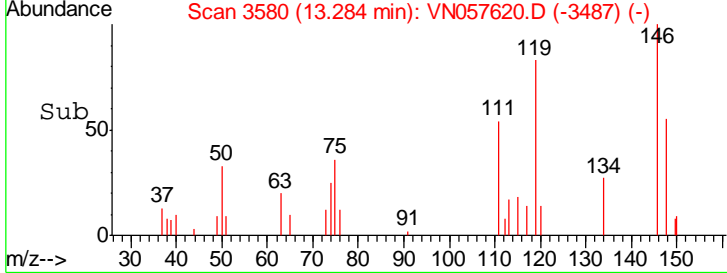
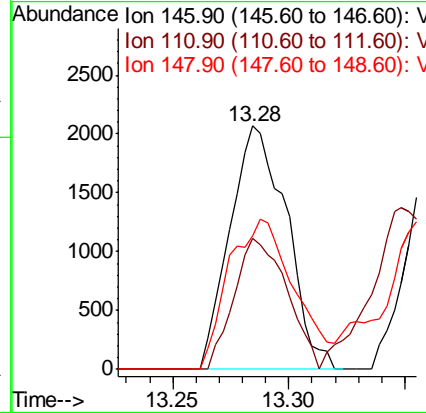
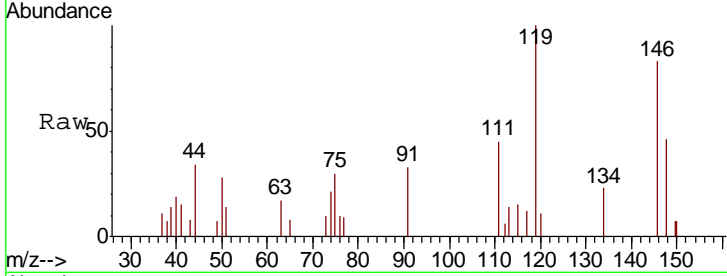




#87
 1,3-Dichlorobenzene
 Concen: 0.730 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

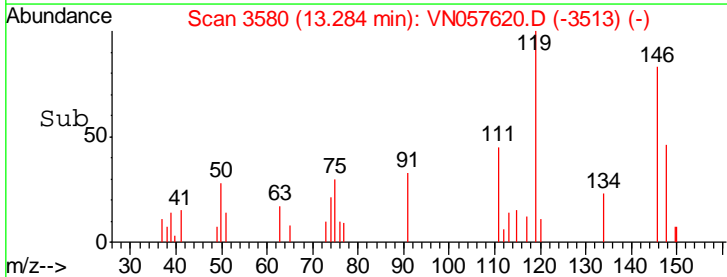
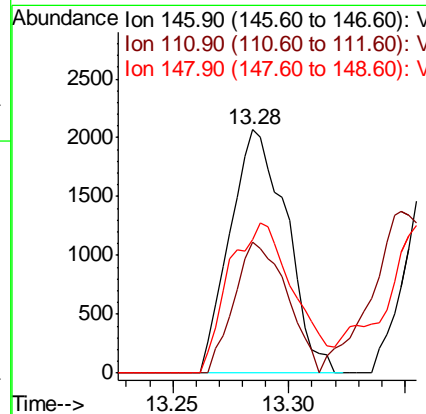
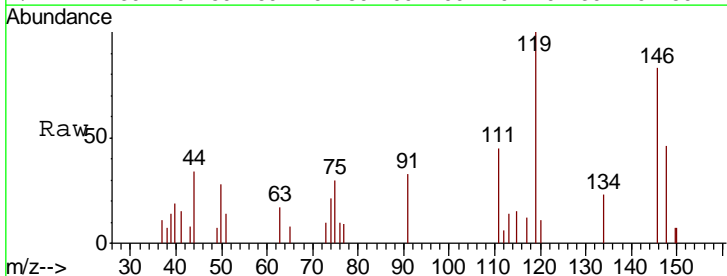
Instrument : MSVOA_N
 ClientSampled :

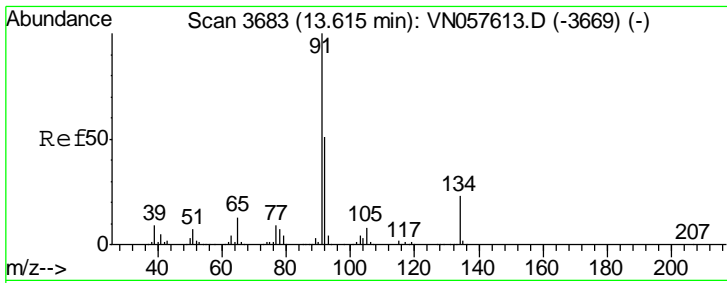
Tgt Ion	Resp	Lower	Upper
146	100		
111	50.4	21.8	65.3
148	72.7	31.4	94.2



#88
 1,4-Dichlorobenzene
 Concen: 0.756 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.08 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion	Resp	Lower	Upper
146	100		
111	50.4	21.6	65.0
148	72.7	32.2	96.6

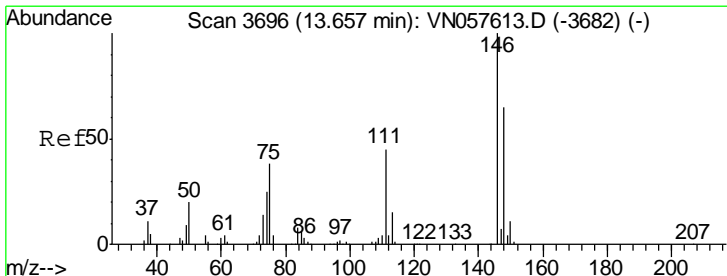
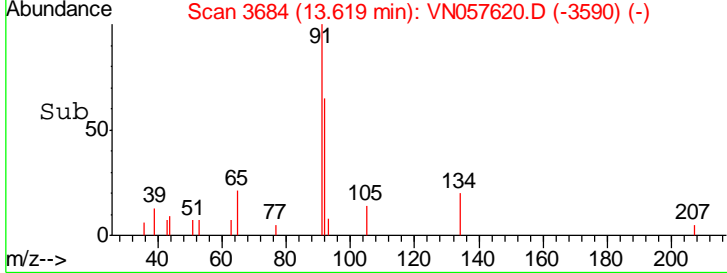
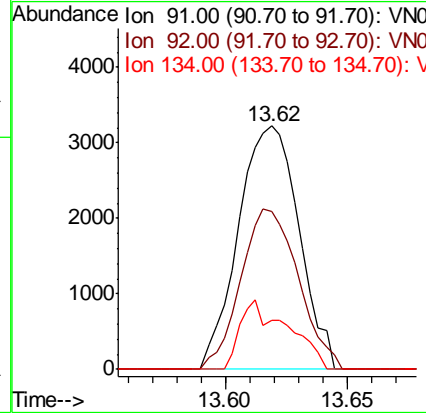
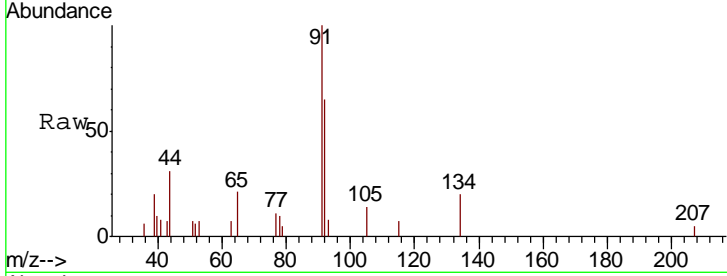




#89
 n-Butylbenzene
 Concen: 0.553 ug/l
 RT: 13.62 min Scan# 3684
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

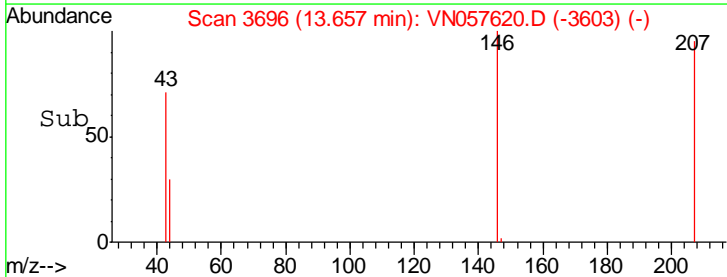
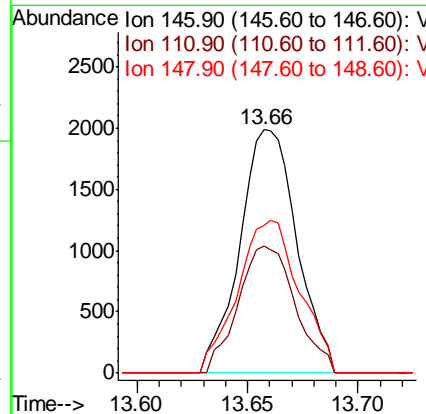
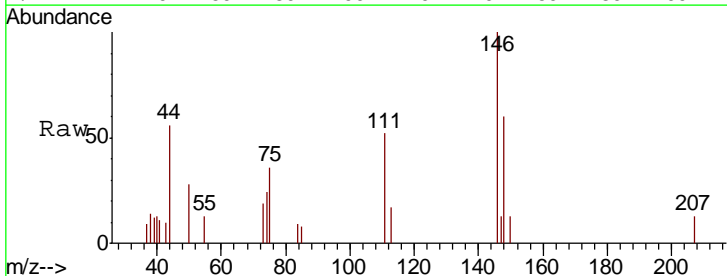
Instrument : MSVOA_N
 ClientSampled :

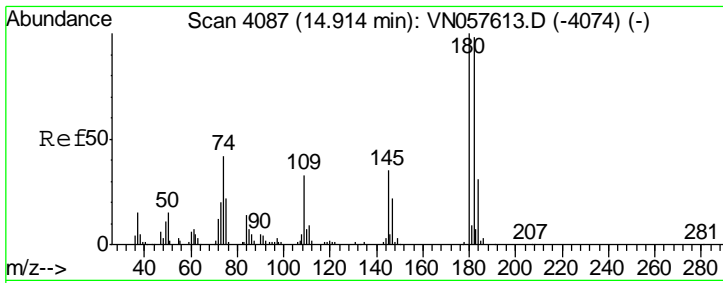
Tgt Ion	Resp	Lower	Upper
91	100		
92	62.5	25.4	76.0
134	22.5	11.0	33.0



#91
 1,2-Dichlorobenzene
 Concen: 0.785 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion	Resp	Lower	Upper
146	100		
111	52.2	22.1	66.5
148	67.7	31.6	94.7

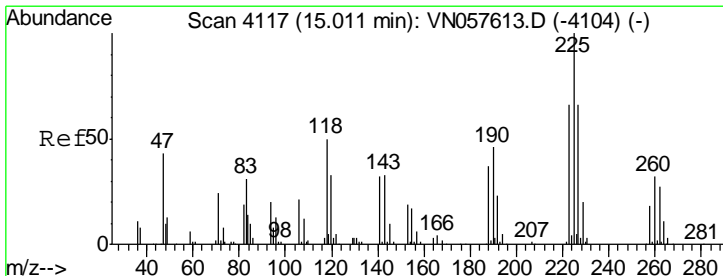
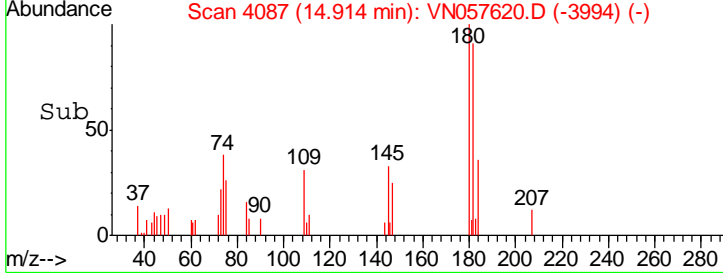
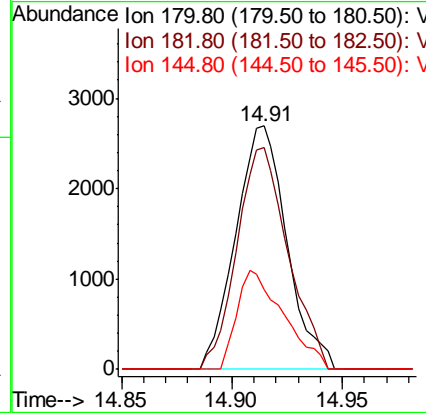
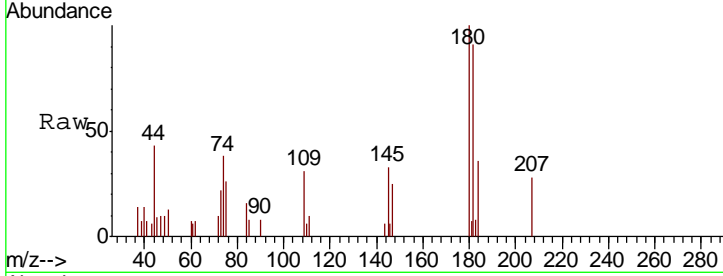




#93
 1,2,4-Trichlorobenzene
 Concen: 10.128 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

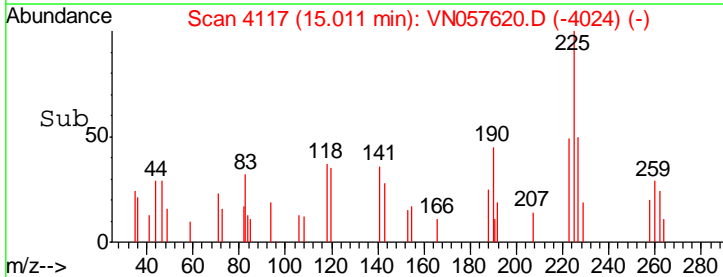
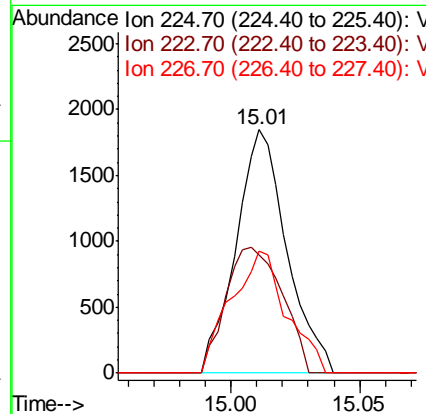
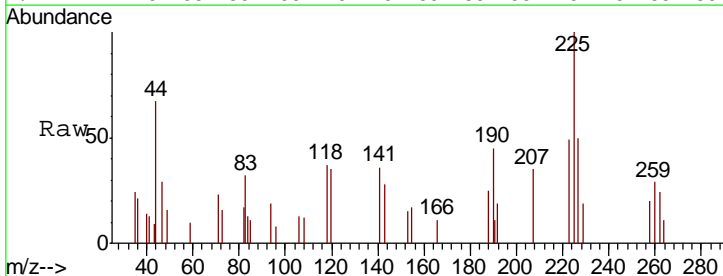
Instrument :
 MSVOA_N
 ClientSampled :

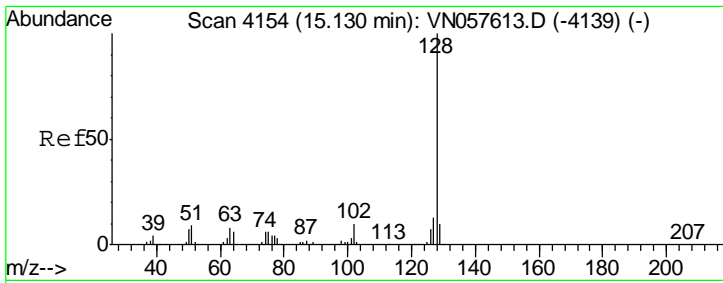
Tgt Ion	Resp	Lower	Upper
180	100		
182	90.9	47.8	143.3
145	37.1	16.9	50.7



#94
 Hexachlorobutadiene
 Concen: 1.621 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion	Resp	Lower	Upper
225	100		
223	57.3	32.3	96.8
227	54.8	32.4	97.2

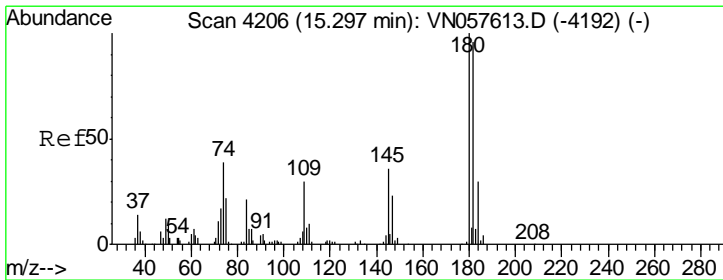
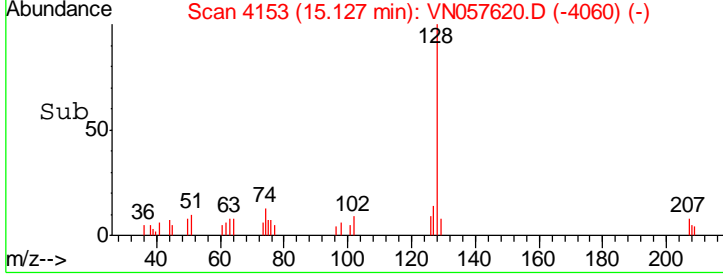
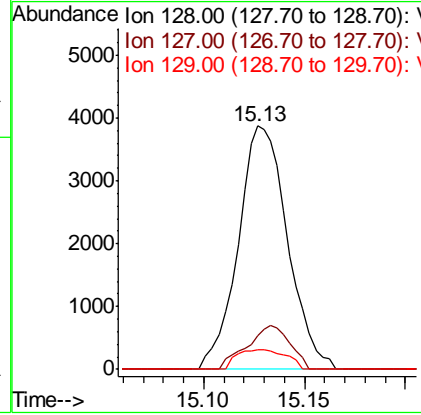
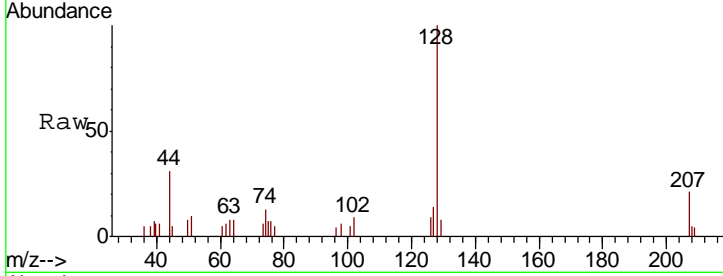




#95
 Naphthalene
 Concen: 7.873 ug/l
 RT: 15.13 min Scan# 4153
 Delta R.T. -0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Instrument : MSVOA_N
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
128	6603		
127	15.8	10.2	15.2#
129	8.2	8.6	12.8#



#96
 1,2,3-Trichlorobenzene
 Concen: 9.379 ug/l
 RT: 15.30 min Scan# 4207
 Delta R.T. 0.00 min
 Lab File: VN057620.D
 Acq: 31 Aug 2019 17:49

Tgt Ion	Resp	Lower	Upper
180	3789		
182	105.6	46.3	138.9
145	32.3	17.8	53.3

