

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031919\
 Data File : VN054446.D
 Acq On : 19 Mar 2019 17:56
 Operator : JC/SP
 Sample : PB118040TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 20 03:54:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	2095339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2958695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2440626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	960603	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	877199	39.42	ug/l	0.00
Spiked Amount			Recovery	=	78.84%	
35) Dibromofluoromethane	7.59	113	856961	44.91	ug/l	0.00
Spiked Amount			Recovery	=	89.82%	
50) Toluene-d8	10.09	98	3394693	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.40	95	1028838	41.72	ug/l	0.00
Spiked Amount			Recovery	=	83.44%	

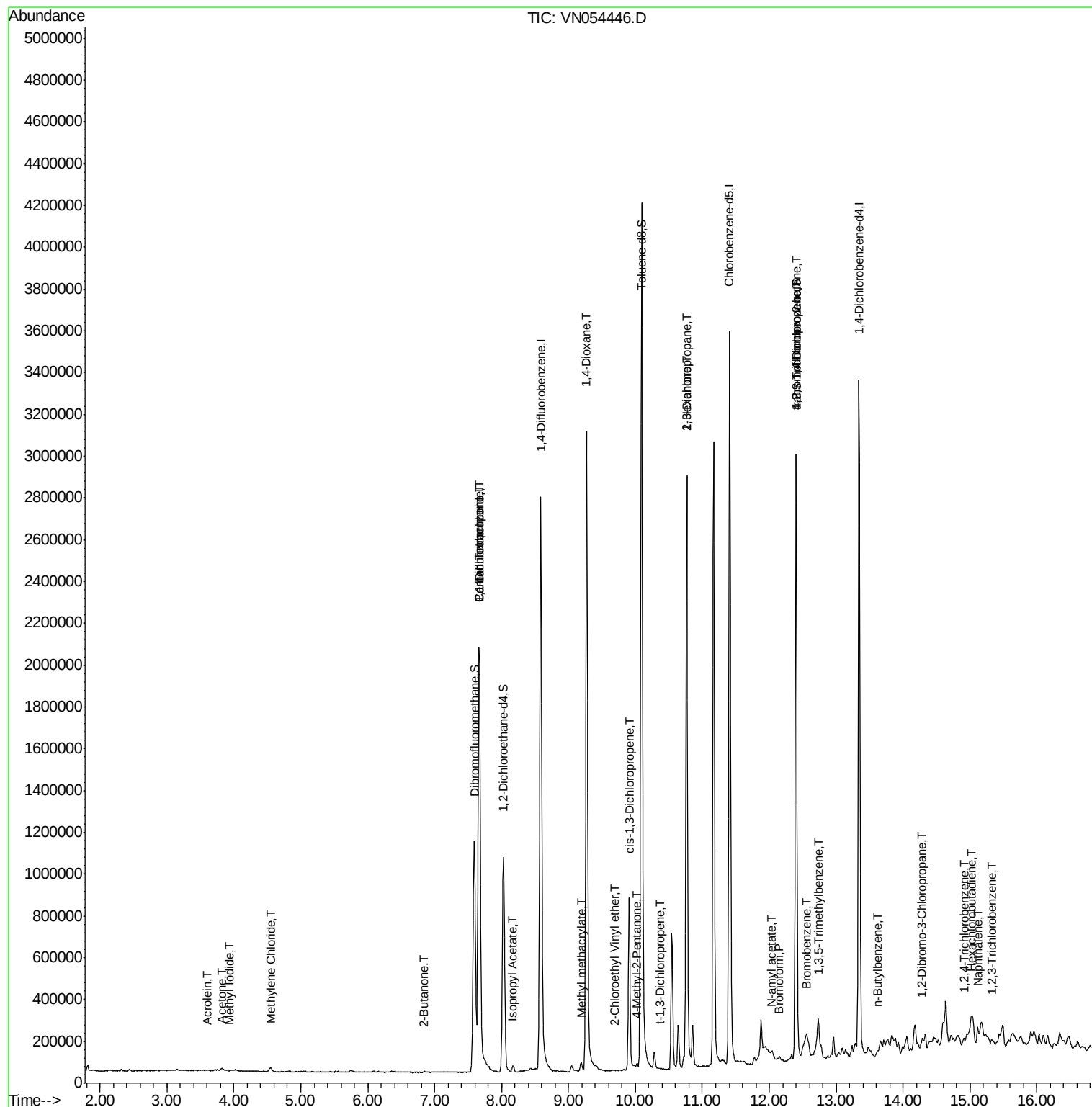
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.94	142	805	1.522	ug/l #	79
13) Acrolein	3.60	56	578	0.400	ug/l #	55
16) Acetone	3.82	43	17226	2.704	ug/l	88
20) Methylene Chloride	4.55	84	13854	0.662	ug/l	93
25) 2-Butanone	6.85	43	2212	0.296	ug/l #	85
31) Cyclohexane	7.67	56	28018	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	115879	4.253	ug/l #	47
38) Carbon Tetrachloride	7.66	117	164695	5.764	ug/l #	16
43) Isopropyl Acetate	8.17	43	32411	1.179	ug/l	94
48) Methyl methacrylate	9.18	41	15442	1.107	ug/l #	25
49) 1,4-Dioxane	9.28	88	453	2.296	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	17581	1.209	ug/l #	36
53) t-1,3-Dichloropropene	10.37	75	227	1.993	ug/l #	58
54) cis-1,3-Dichloropropene	9.91	75	176537	5.777	ug/l #	57
57) 1,3-Dichloropropane	10.77	76	33181	1.124	ug/l #	45
58) 2-Chloroethyl Vinyl ether	9.69	63	106	16.839	ug/l #	44
59) 2-Hexanone	10.77	43	404321	41.783	ug/l #	52
71) Bromoform	12.13	173	580	2.388	ug/l #	28
74) N-amyl acetate	12.05	43	6699	0.393	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	462539	32.744	ug/l #	100
77) Bromobenzene	12.55	156	150538	7.402	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.73	105	64663	1.012	ug/l	84
81) trans-1,4-Dichloro-2-buten	12.40	75	462539	111.932	ug/l #	11
89) n-Butylbenzene	13.61	91	12230	0.240	ug/l	90
92) 1,2-Dibromo-3-Chloropropan	14.26	75	684	0.270	ug/l #	49
93) 1,2,4-Trichlorobenzene	14.91	180	5419	2.771	ug/l	84
94) Hexachlorobutadiene	15.01	225	3117	0.244	ug/l	92
95) Naphthalene	15.13	128	30090	4.134	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.32	180	6808	0.382	ug/l #	57

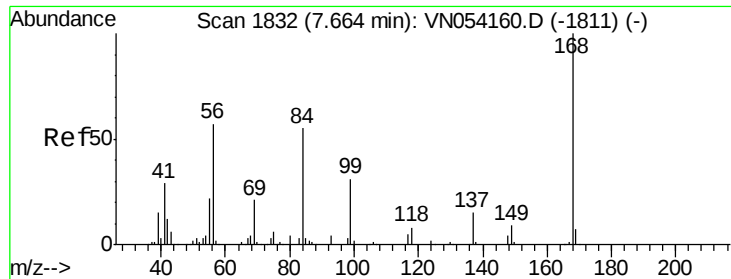
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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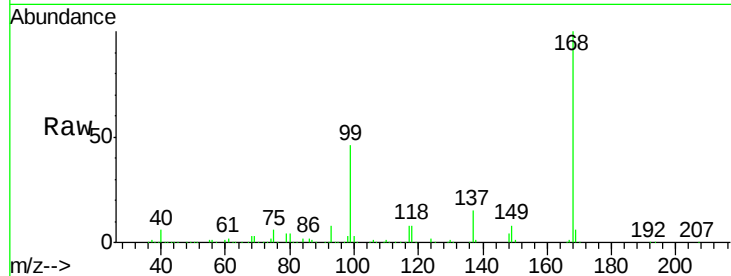


#1

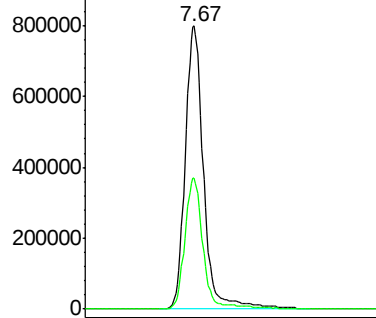
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VN054446.D
 Acq: 19 Mar 2019 17:56

Instrument :
 MSVOA_N
 ClientSampleId :

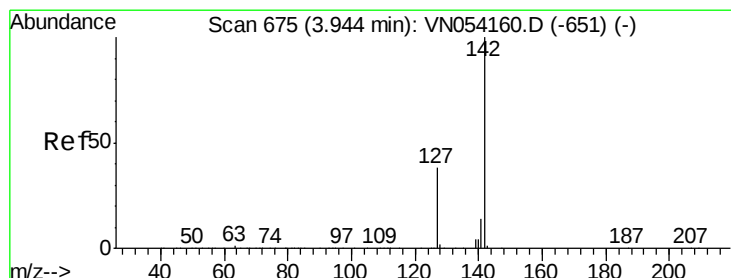
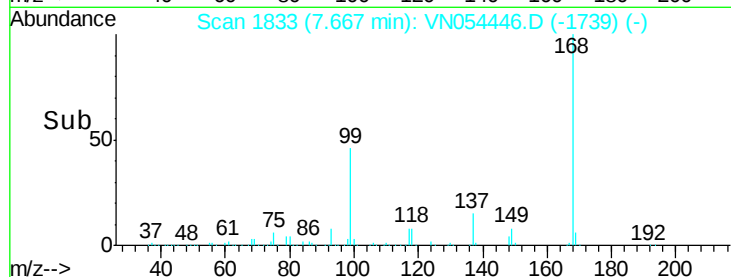
Tot Ion:168 Resp: 2095339
 Ion Ratio Lower Upper
 168 100
 99 46.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VN



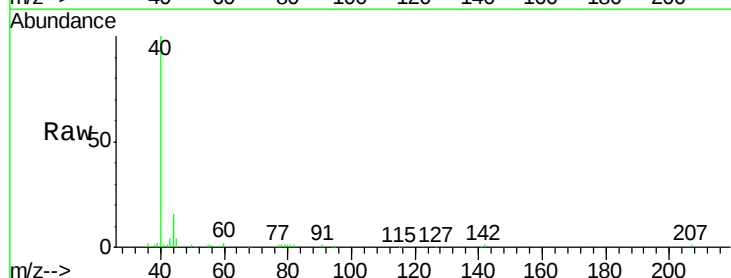
Time-->



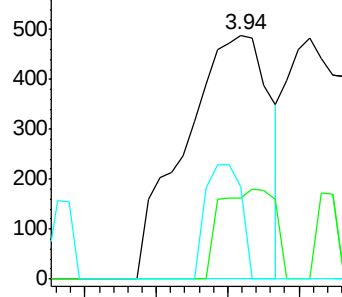
#10

Methyl Iodide
 Concen: 1.522 ug/l
 RT: 3.94 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VN054446.D
 Acq: 19 Mar 2019 17:56

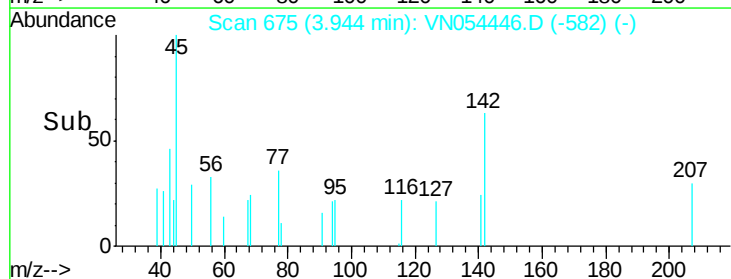
Tgt Ion:142 Resp: 805
 Ion Ratio Lower Upper
 142 100
 127 24.0 30.3 45.5#
 141 19.8 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



Time-->





#13

Acrolein

Concen: 0.400 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN054446.D

Acq: 19 Mar 2019 17:56

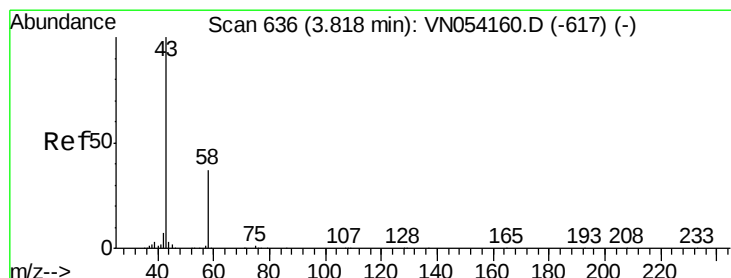
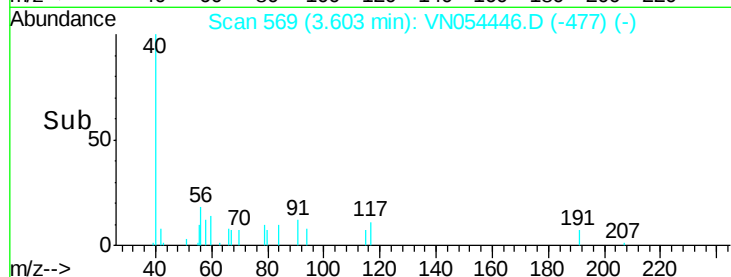
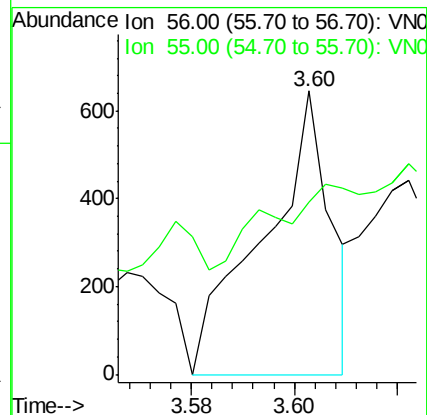
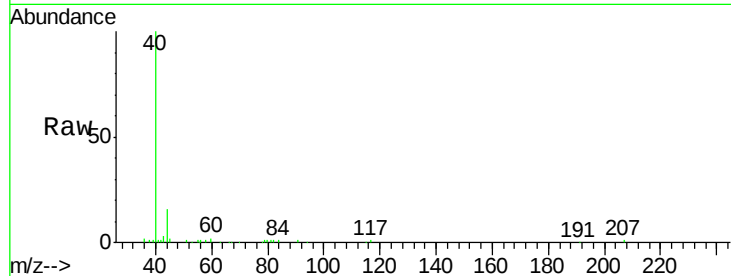
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 578

Ion Ratio Lower Upper

56 100

55 33.4 56.7 85.1#



#16

Acetone

Concen: 2.704 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054446.D

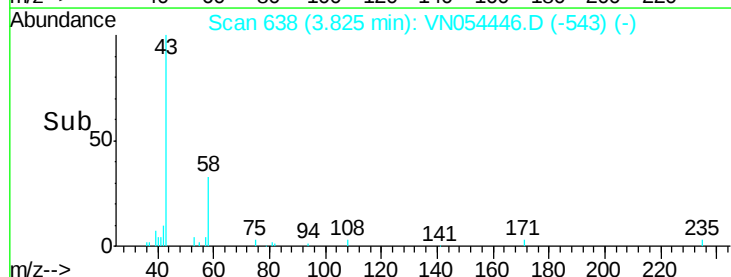
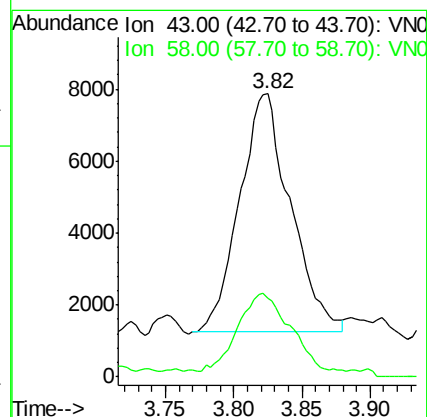
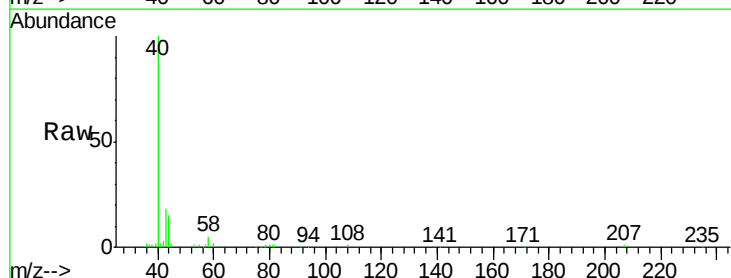
Acq: 19 Mar 2019 17:56

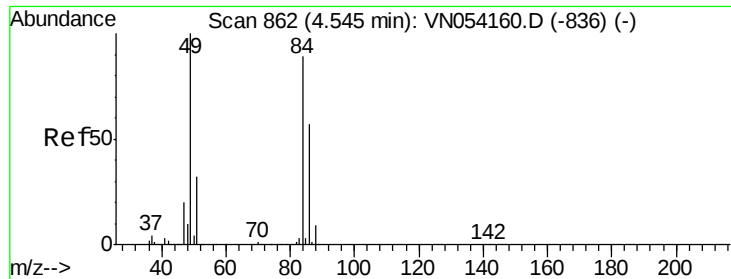
Tgt Ion: 43 Resp: 17226

Ion Ratio Lower Upper

43 100

58 30.4 29.9 44.9

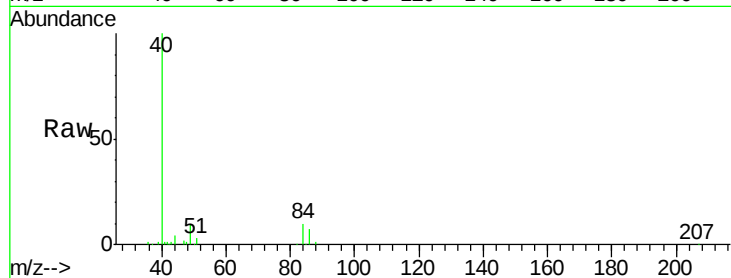




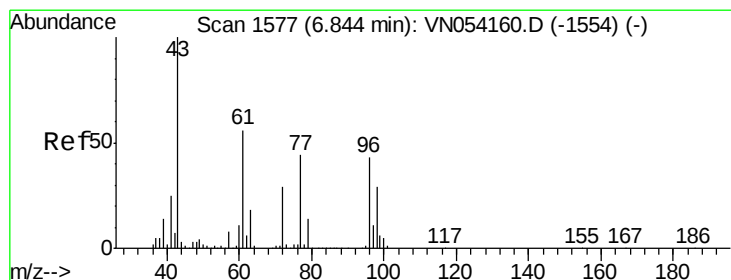
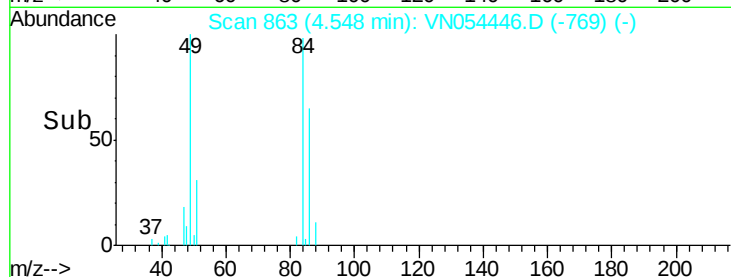
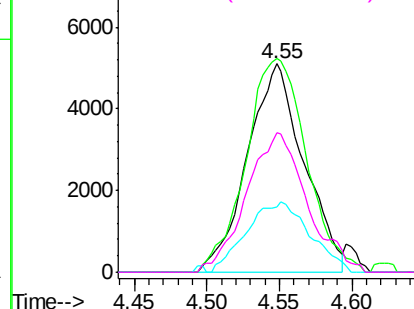
#20
Methvlene Chloride
Concen: 0.662 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054446.D
Acq: 19 Mar 2019 17:56

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 13854
Ion Ratio Lower Upper
84 100
49 102.5 89.7 134.5
51 31.5 28.2 42.4
86 67.1 50.8 76.2

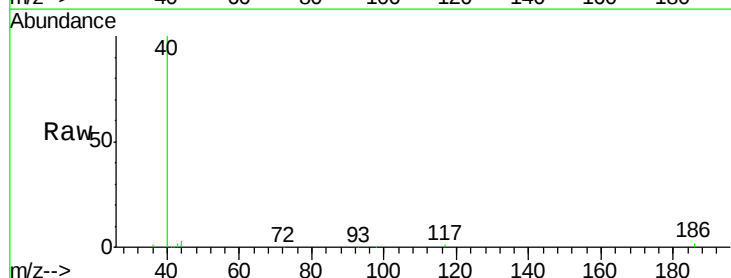


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

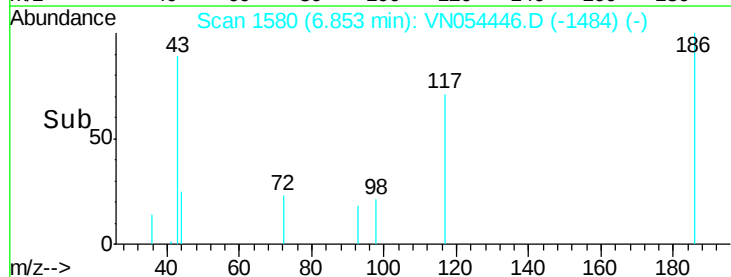
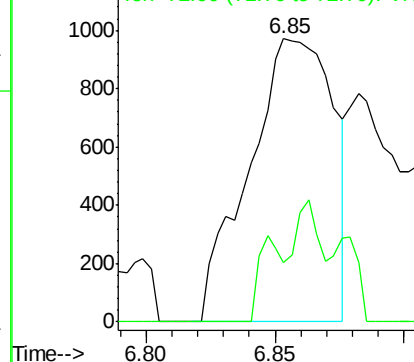


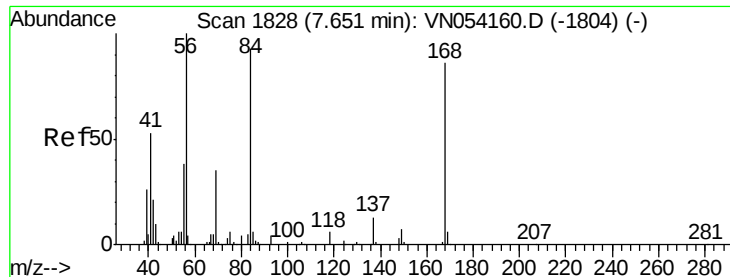
#25
2-Butanone
Concen: 0.296 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN054446.D
Acq: 19 Mar 2019 17:56

Tgt Ion: 43 Resp: 2212
Ion Ratio Lower Upper
43 100
72 20.9 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

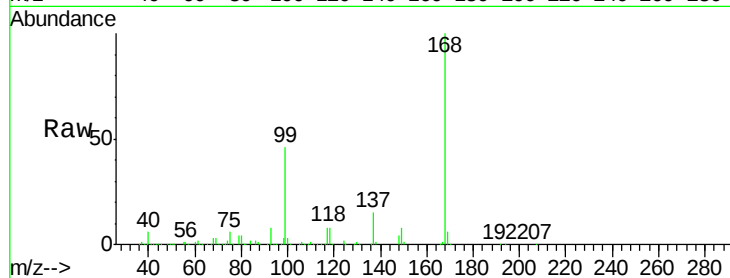
Lab File: VN054446.D

Acq: 19 Mar 2019 17:56

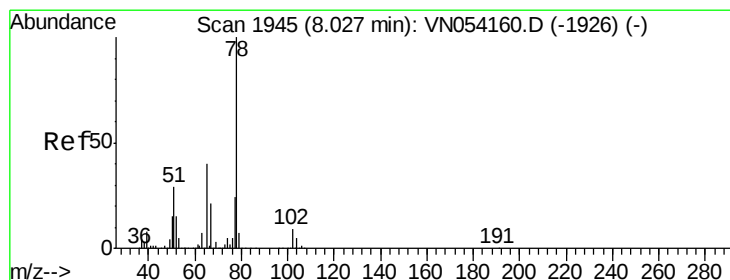
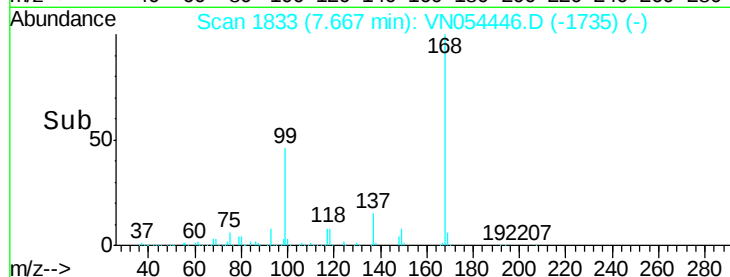
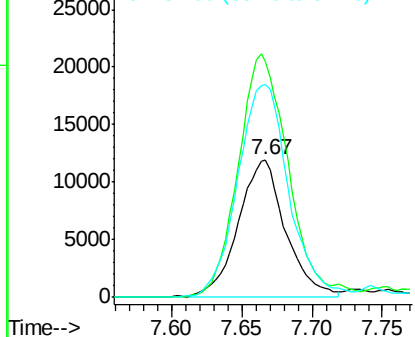
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 28018

Ion	Ratio	Lower	Upper
56	100		
69	169.7	27.8	41.6#
84	153.4	74.6	111.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 39.420 ug/l

RT: 8.03 min Scan# 1945

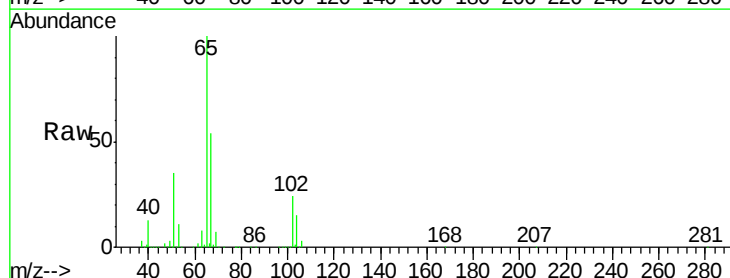
Delta R.T. -0.00 min

Lab File: VN054446.D

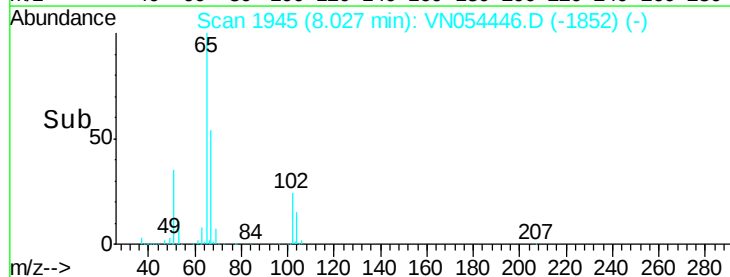
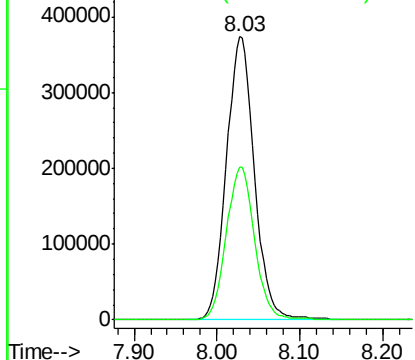
Acq: 19 Mar 2019 17:56

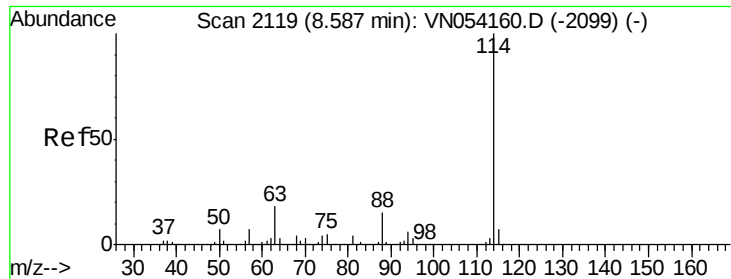
Tgt Ion: 65 Resp: 877199

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

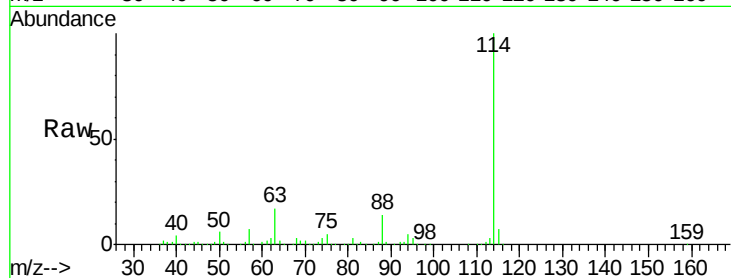




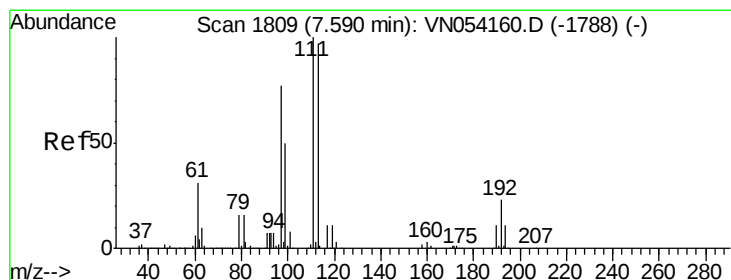
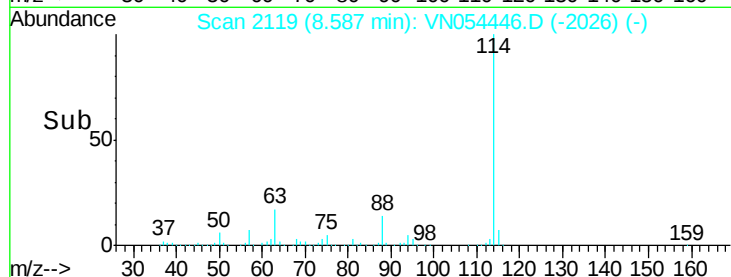
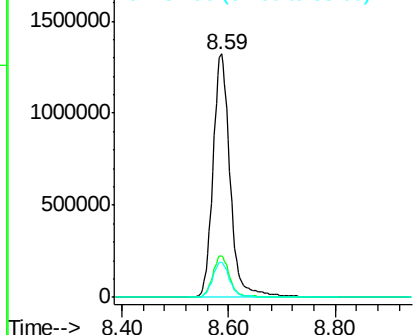
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054446.D
 Acq: 19 Mar 2019 17:56

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 2958695
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.2
 88 14.3 0.0 30.2

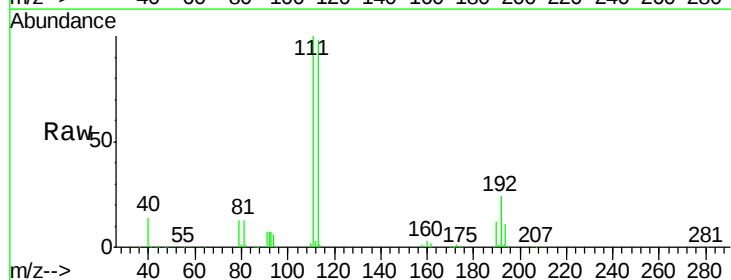


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

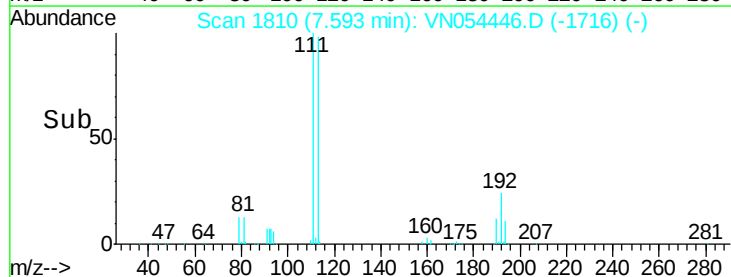
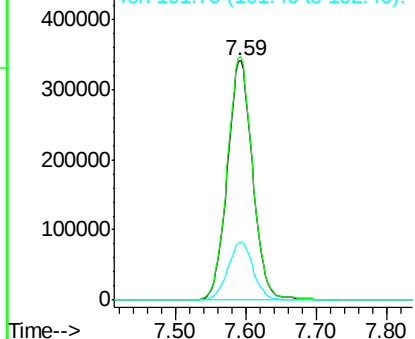


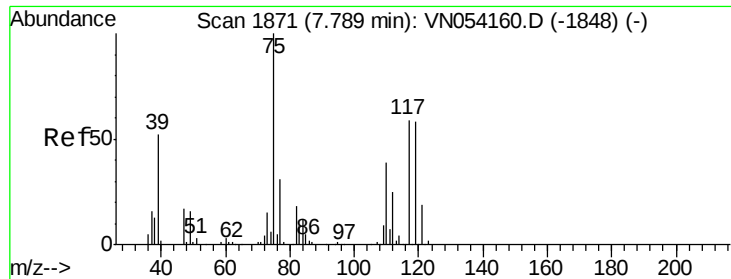
#35
 Dibromofluoromethane
 Concen: 44.909 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054446.D
 Acq: 19 Mar 2019 17:56

Tgt Ion:113 Resp: 856961
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.2 123.4
 192 23.9 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.253 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054446.D

Acq: 19 Mar 2019 17:56

Instrument :
MSVOA_N
ClientSampleId :

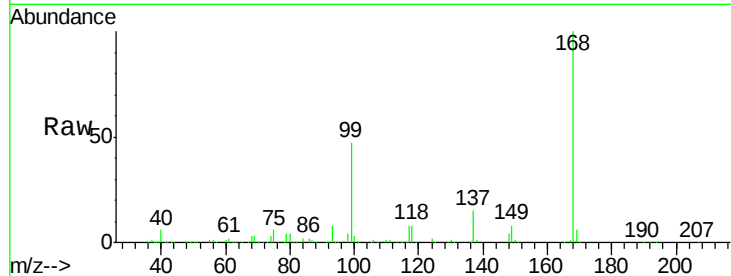
Tot Ion: 75 Resp: 115879

Ion Ratio Lower Upper

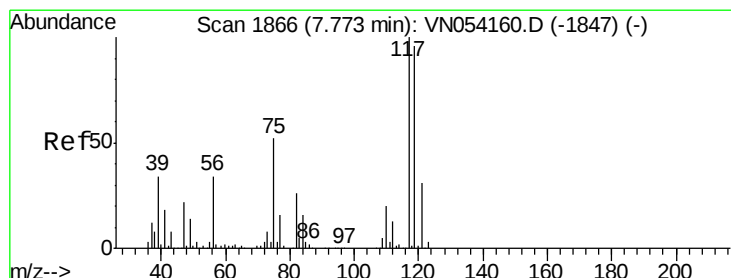
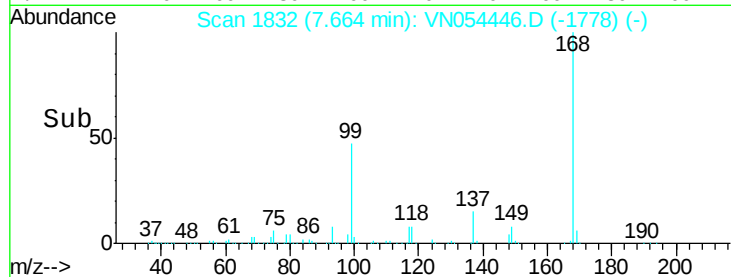
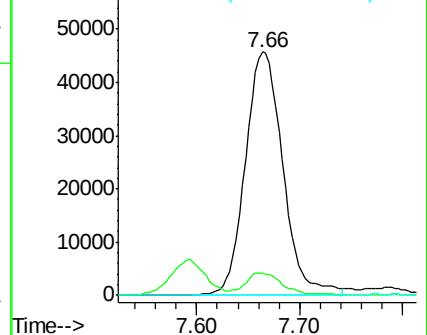
75 100

110 7.9 19.1 57.5#

77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VN0



#38

Carbon Tetrachloride

Concen: 5.764 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN054446.D

Acq: 19 Mar 2019 17:56

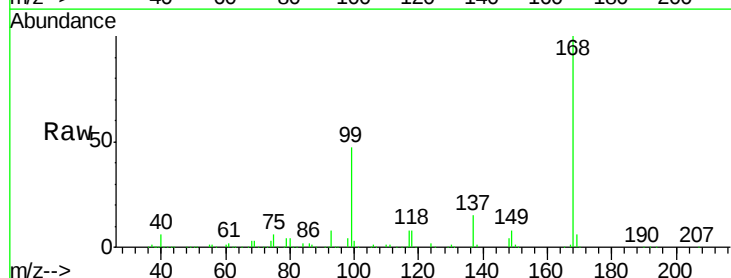
Tgt Ion: 117 Resp: 164695

Ion Ratio Lower Upper

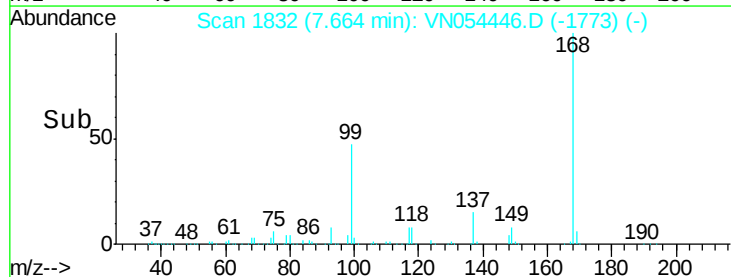
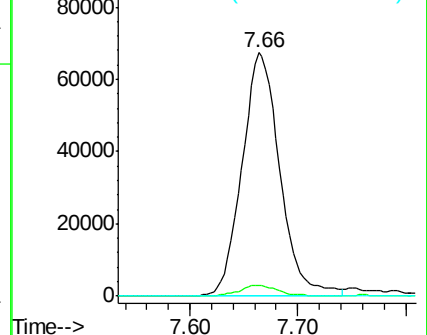
117 100

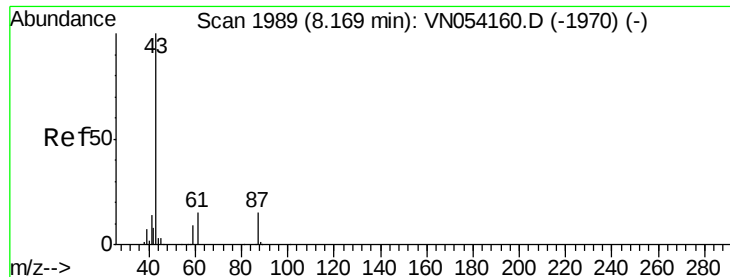
119 4.5 76.3 114.5#

121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 1.179 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054446.D

Acq: 19 Mar 2019 17:56

Instrument :
MSVOA_N
ClientSampleId :

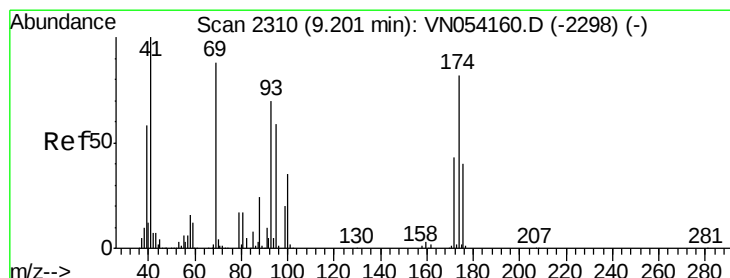
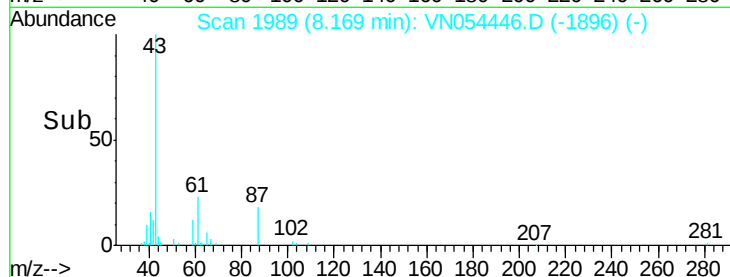
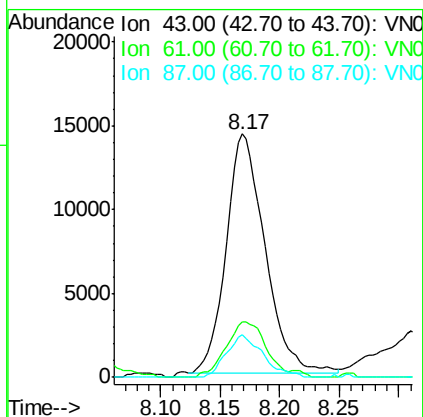
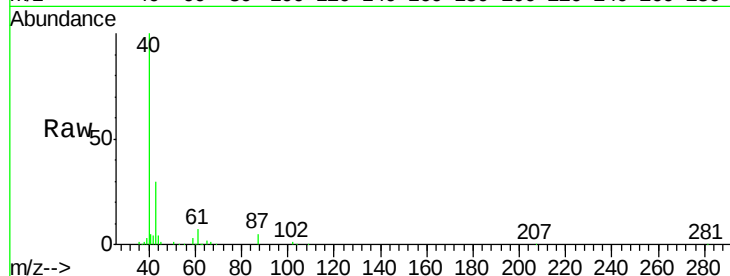
Tot Ion: 43 Resp: 32411

Ion Ratio Lower Upper

43 100

61 23.6 15.8 23.8

87 16.7 12.0 18.0



#48

Methyl methacrylate

Concen: 1.107 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN054446.D

Acq: 19 Mar 2019 17:56

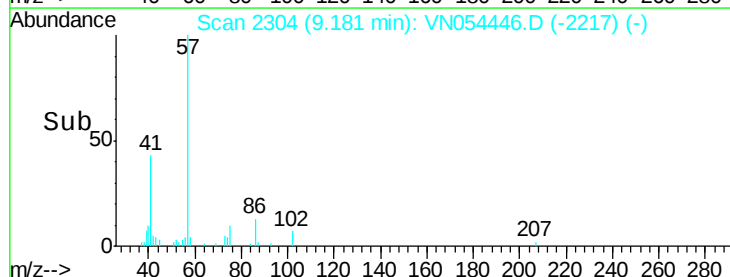
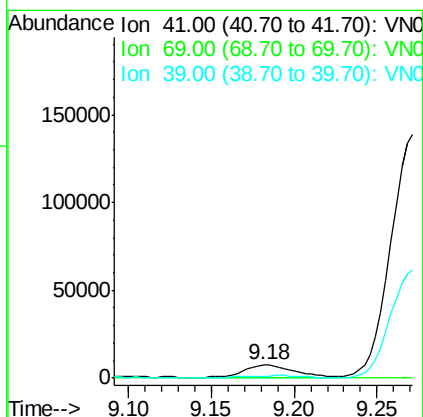
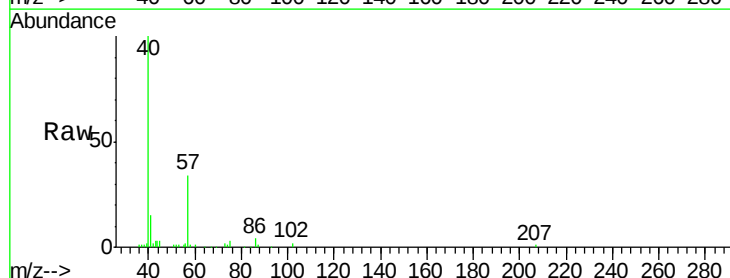
Tgt Ion: 41 Resp: 15442

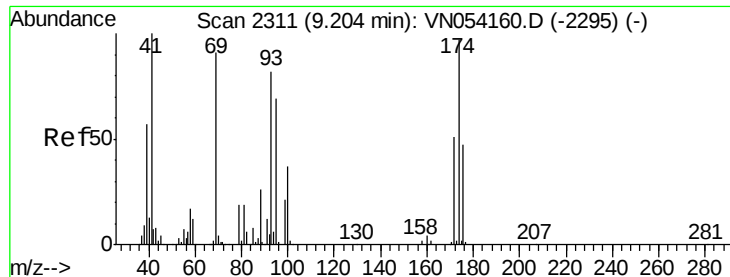
Ion Ratio Lower Upper

41 100

69 1.6 72.6 108.8#

39 25.1 47.5 71.3#





#49

1,4-Dioxane

Concen: 2.296 ug/l

RT: 9.28 min Scan# 2334

Delta R.T. 0.07 min

Lab File: VN054446.D

Acq: 19 Mar 2019 17:56

Instrument :
MSVOA_N
ClientSampled :

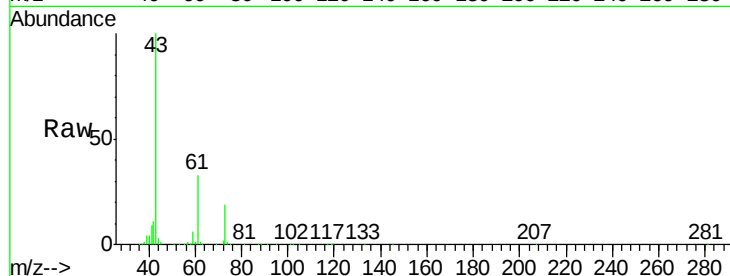
Tot Ion: 88 Resp: 453

Ion Ratio Lower Upper

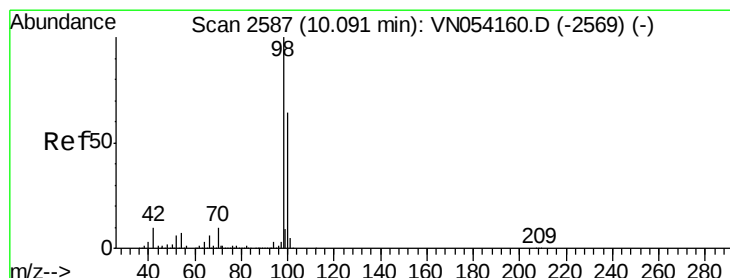
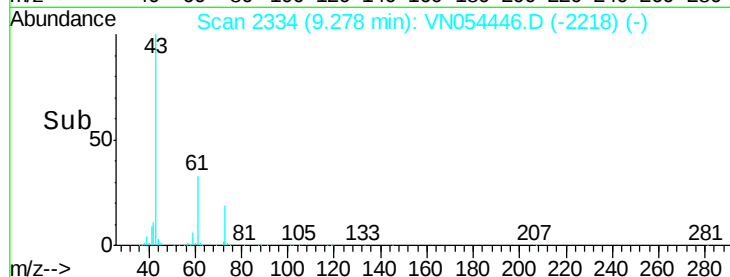
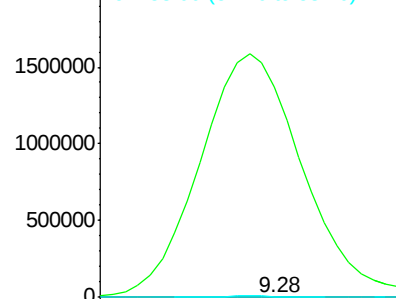
88 100

43 679010.8 24.1 36.1#

58 2884.8 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.169 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054446.D

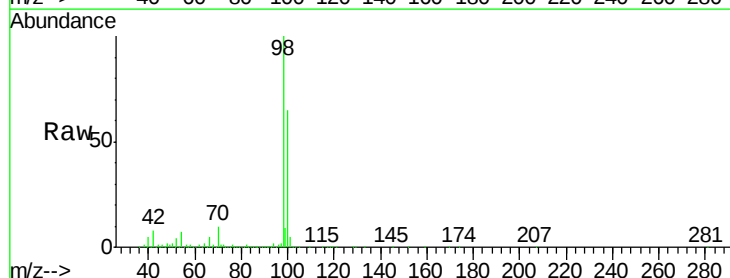
Acq: 19 Mar 2019 17:56

Tgt Ion: 98 Resp: 3394693

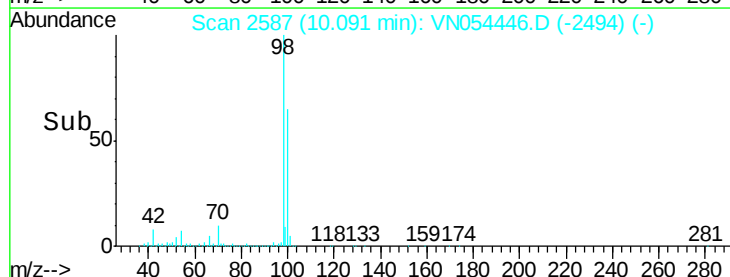
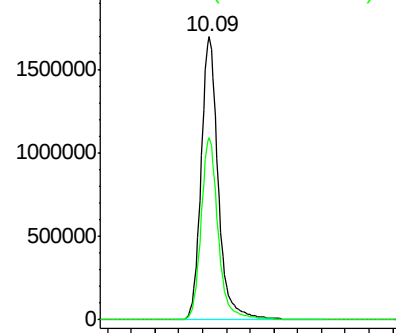
Ion Ratio Lower Upper

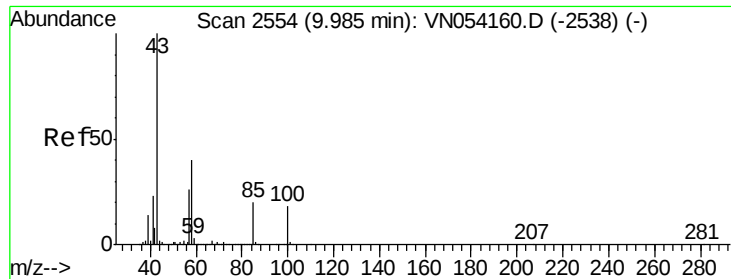
98 100

100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.209 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054446.D

Acq: 19 Mar 2019 17:56

Instrument :

MSVOA_N

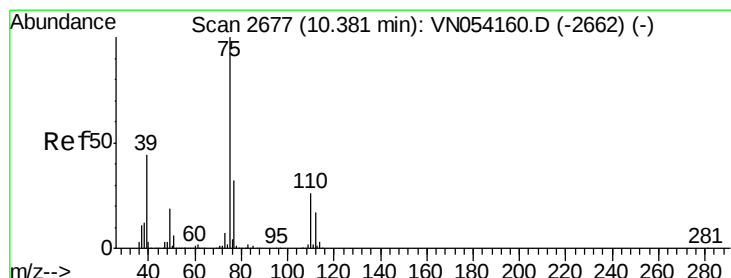
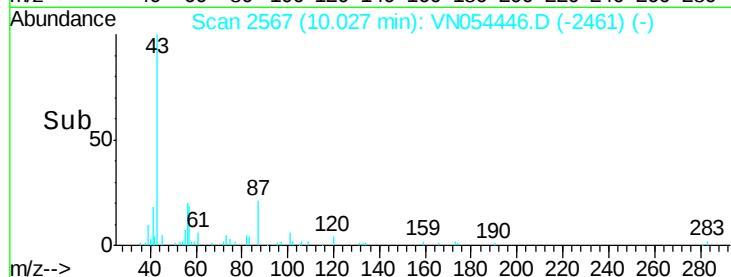
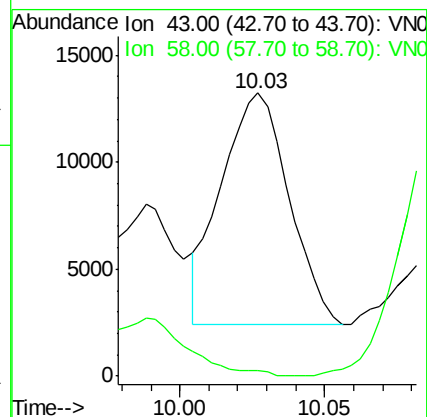
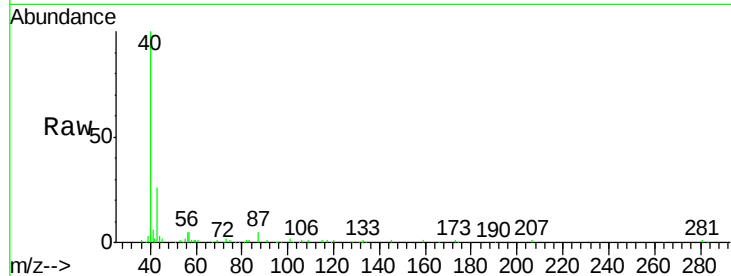
ClientSampled :

Tot Ion: 43 Resp: 17581

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#



#53

t-1,3-Dichloropropene

Concen: 1.993 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.01 min

Lab File: VN054446.D

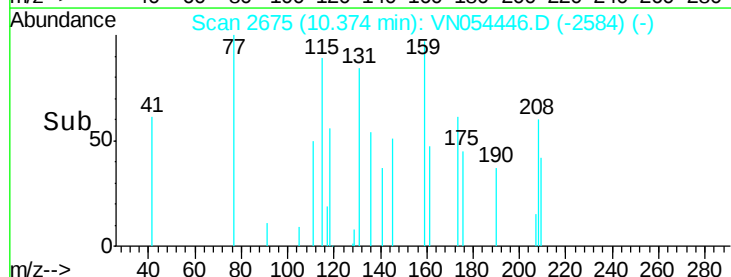
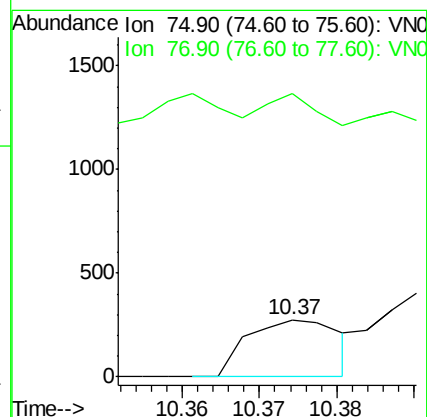
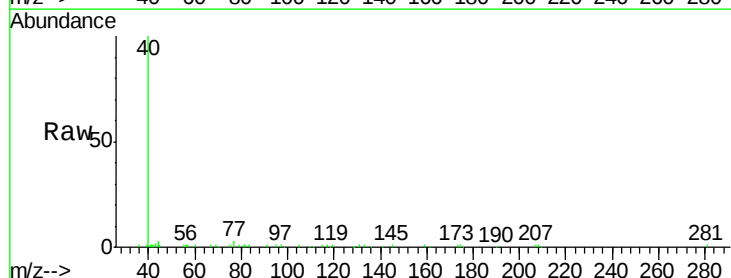
Acq: 19 Mar 2019 17:56

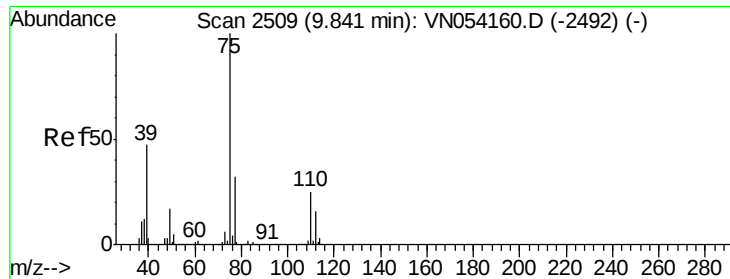
Tgt Ion: 75 Resp: 227

Ion Ratio Lower Upper

75 100

77 56.0 25.8 38.8#



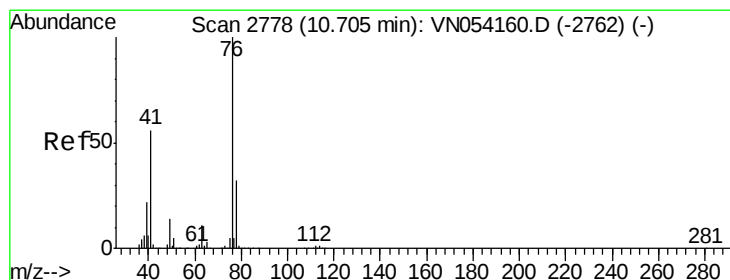
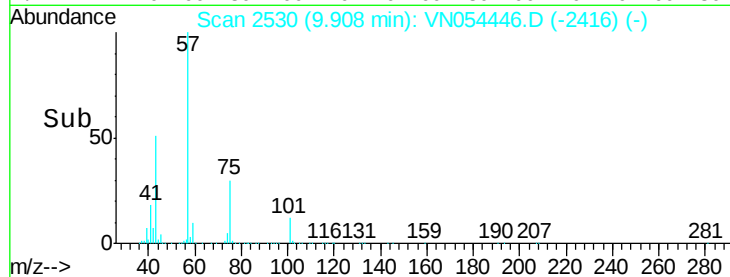
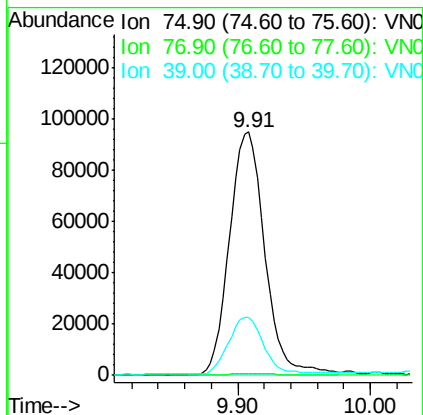
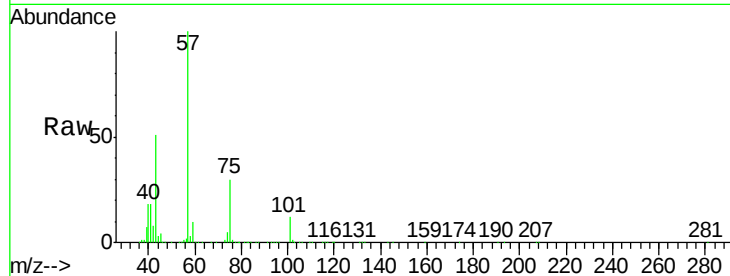


#54

cis-1,3-Dichloropropene
 Concen: 5.777 ug/l
 RT: 9.91 min Scan# 2530
 Delta R.T. 0.07 min
 Lab File: VN054446.D
 Acq: 19 Mar 2019 17:56

Instrument :
 MSVOA_N
 ClientSampleId :

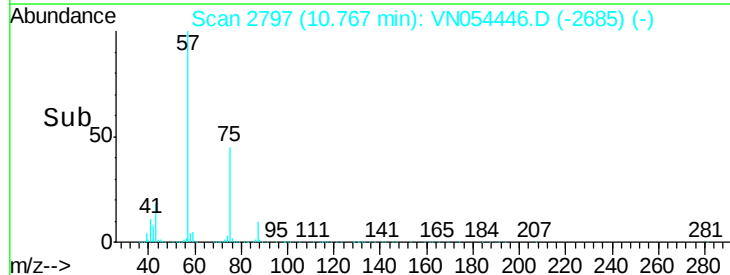
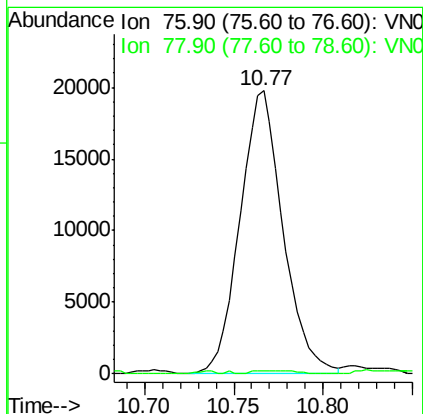
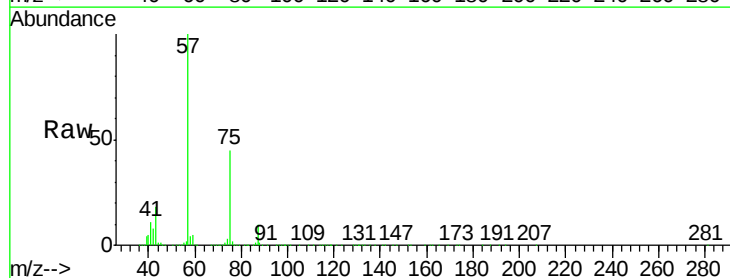
Tot Ion: 75 Resp: 176537
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.4 38.0#
 39 23.4 37.2 55.8#

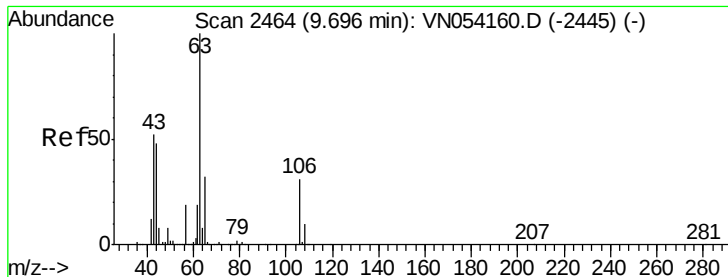


#57

1,3-Dichloropropane
 Concen: 1.124 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN054446.D
 Acq: 19 Mar 2019 17:56

Tgt Ion: 76 Resp: 33181
 Ion Ratio Lower Upper
 76 100
 78 1.2 25.7 38.5#





#58

2-Chloroethyl Vinyl ether

Concen: 16.839 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. -0.01 min

Lab File: VN054446.D

Acq: 19 Mar 2019 17:56

Instrument :

MSVOA_N

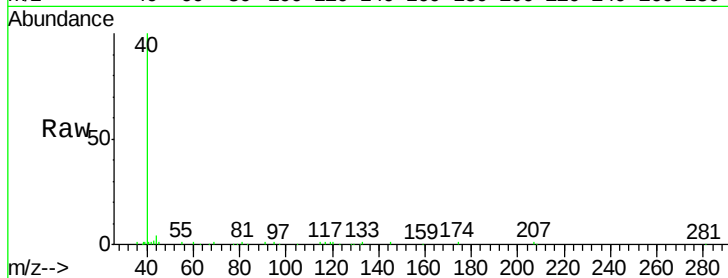
ClientSampleId :

Tot Ion: 63 Resp: 106

Ion Ratio Lower Upper

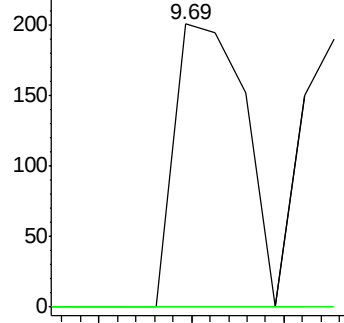
63 100

106 0.0 24.4 36.6#

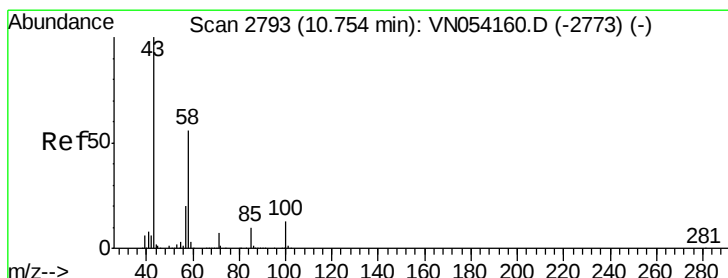
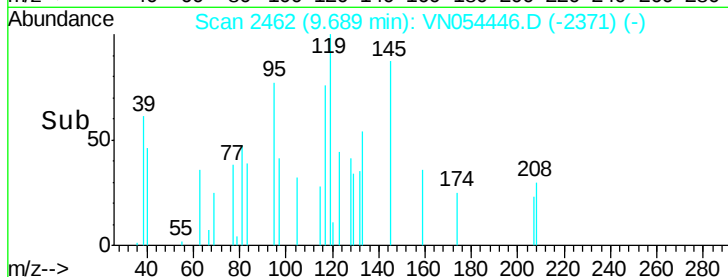


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



Time-->



#59

2-Hexanone

Concen: 41.783 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN054446.D

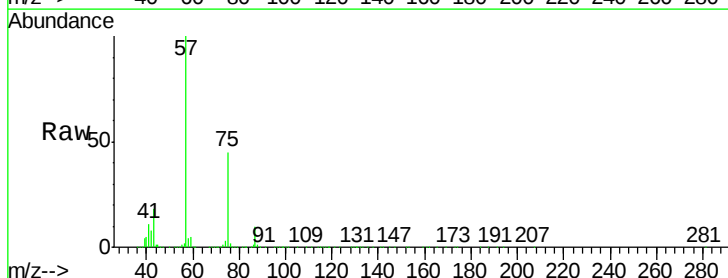
Acq: 19 Mar 2019 17:56

Tgt Ion: 43 Resp: 404321

Ion Ratio Lower Upper

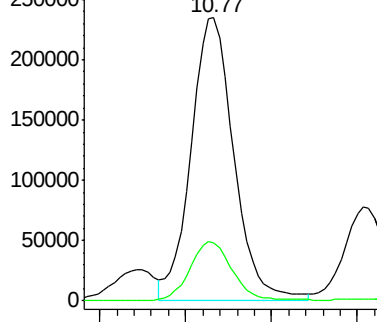
43 100

58 21.1 28.0 83.9#

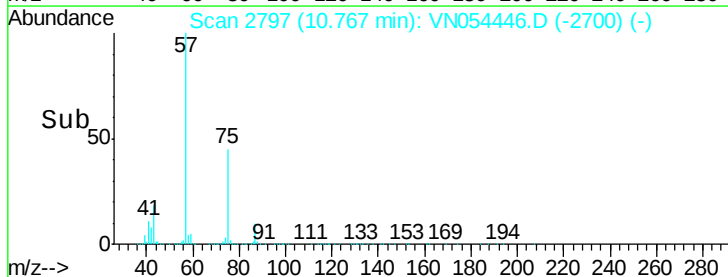


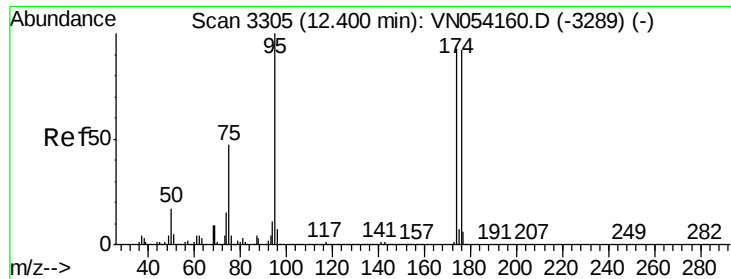
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->

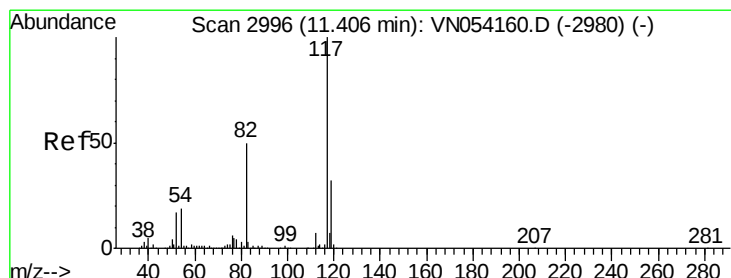
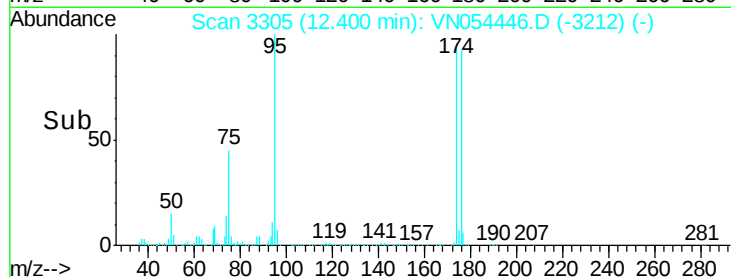
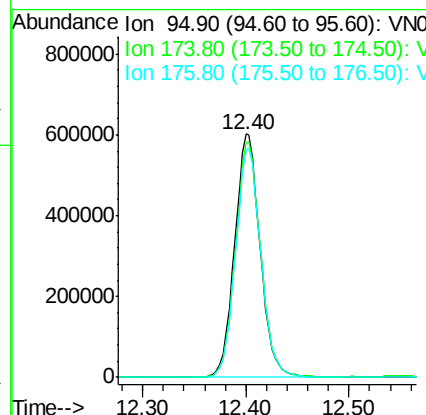
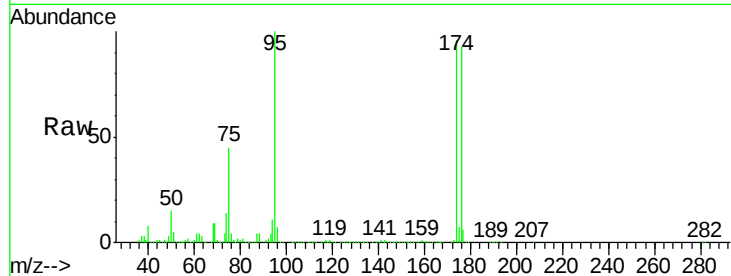




#62
4-Bromofluorobenzene
Concen: 41.723 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054446.D
Acq: 19 Mar 2019 17:56

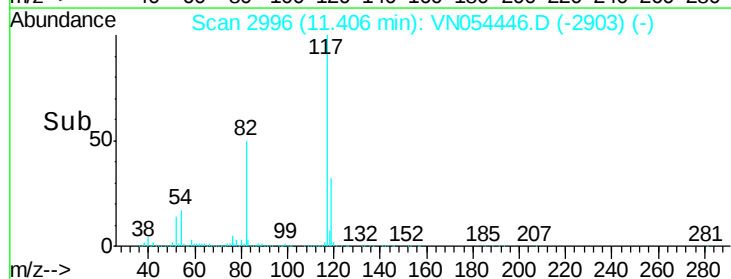
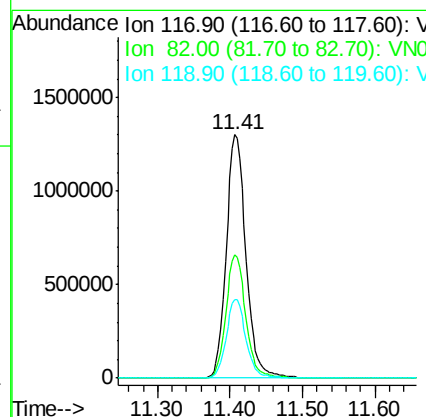
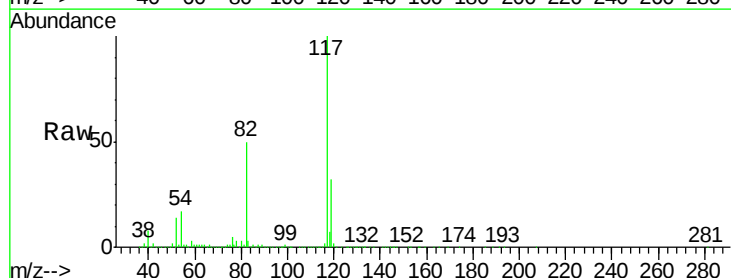
Instrument :
MSVOA_N
ClientSampleId :

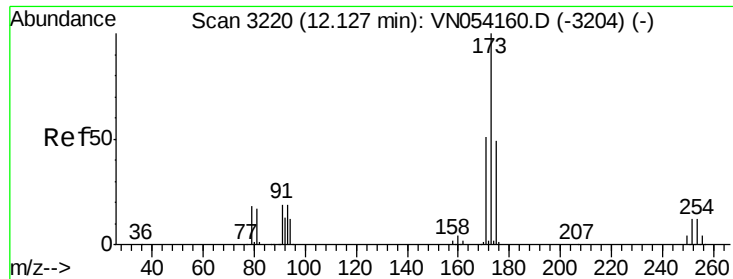
Tot Ion: 95 Resp: 1028838
Ion Ratio Lower Upper
95 100
174 95.7 0.0 191.0
176 94.0 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054446.D
Acq: 19 Mar 2019 17:56

Tgt Ion: 117 Resp: 2440626
Ion Ratio Lower Upper
117 100
82 50.5 40.0 60.0
119 32.4 25.8 38.6





#71

Bromoform

Concen: 2.388 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN054446.D

Acq: 19 Mar 2019 17:56

Instrument :

MSVOA_N

ClientSampleId :

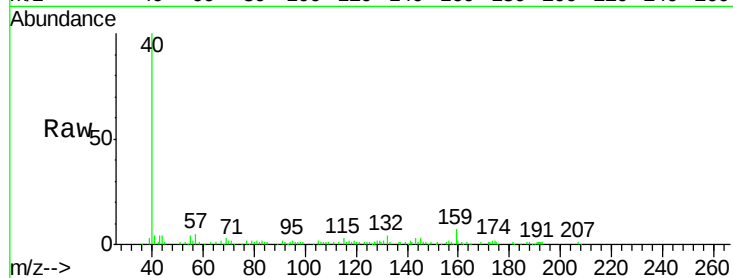
Tot Ion:173 Resp: 580

Ion Ratio Lower Upper

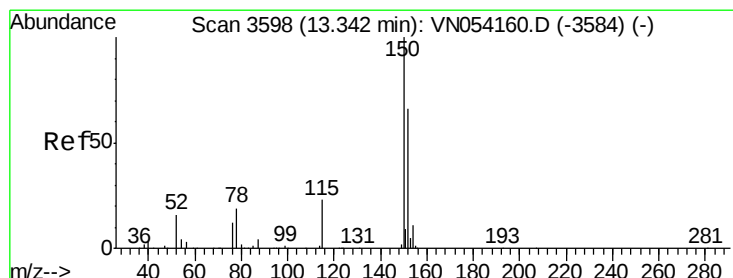
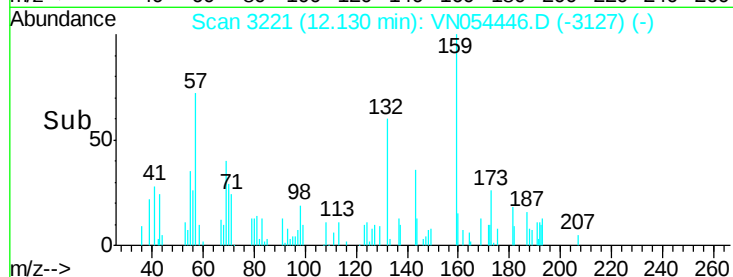
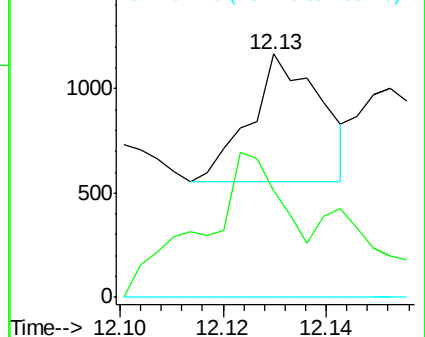
173 100

175 0.0 24.4 73.2#

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054446.D

Acq: 19 Mar 2019 17:56

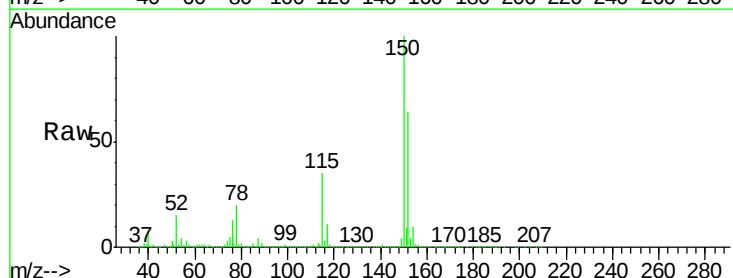
Tgt Ion:152 Resp: 960603

Ion Ratio Lower Upper

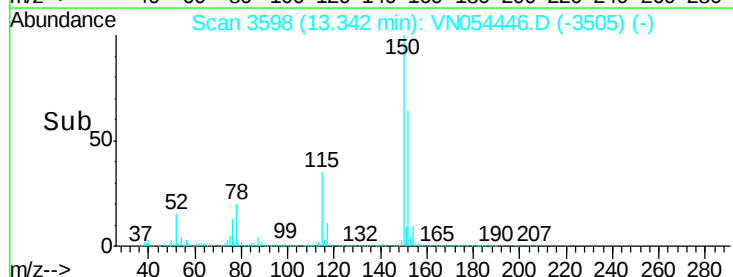
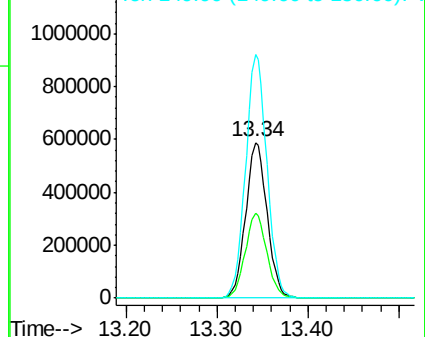
152 100

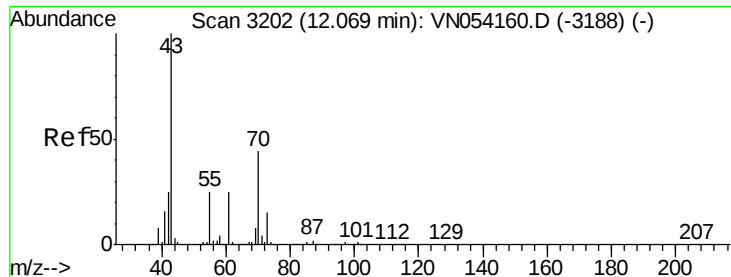
115 54.9 27.2 81.6

150 156.0 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.393 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN054446.D

Acq: 19 Mar 2019 17:56

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 6699

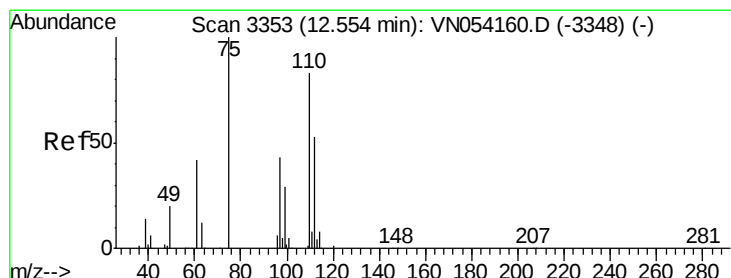
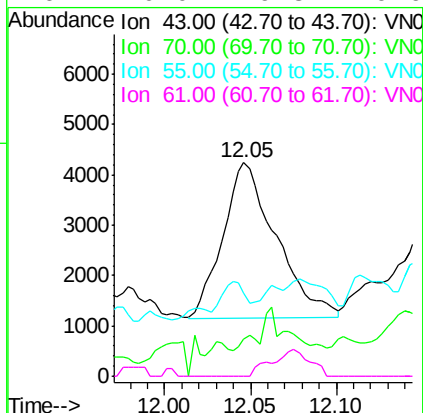
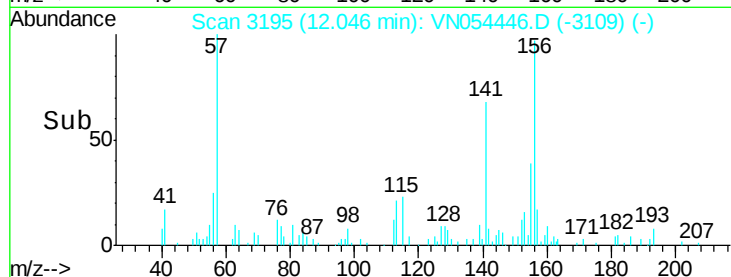
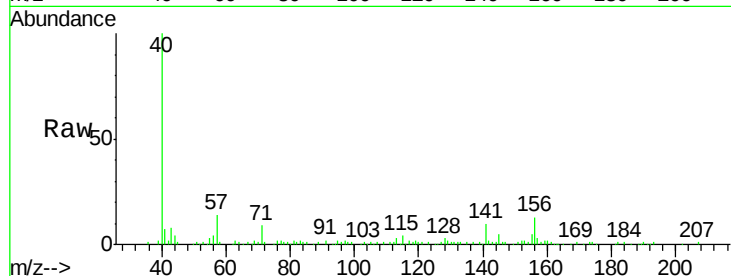
Ion Ratio Lower Upper

43 100

70 6.6 35.4 53.0#

55 8.3 19.8 29.6#

61 0.0 19.8 29.6#



#76

1,2,3-Trichloropropane

Concen: 32.744 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054446.D

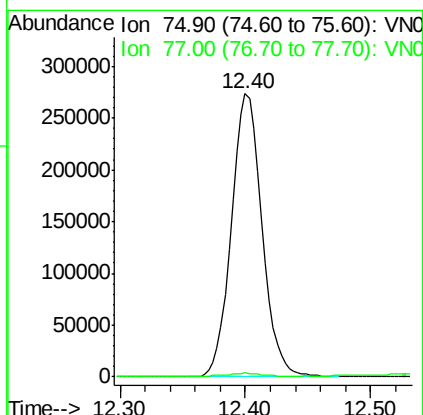
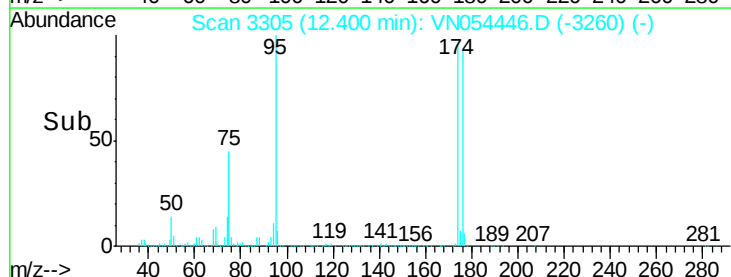
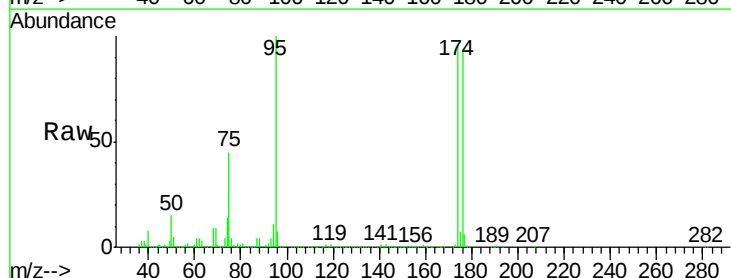
Acq: 19 Mar 2019 17:56

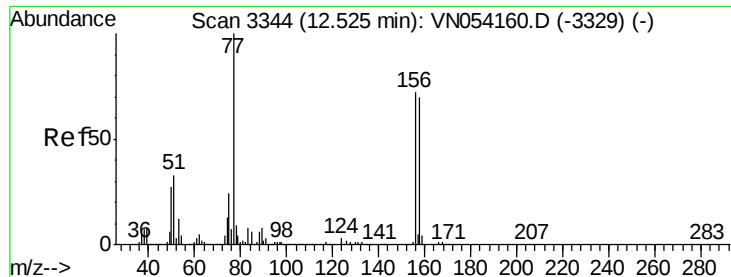
Tgt Ion: 75 Resp: 462539

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#77

Bromobenzene

Concen: 7.402 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.03 min

Lab File: VN054446.D

Acq: 19 Mar 2019 17:56

Instrument :

MSVOA_N

ClientSampleId :

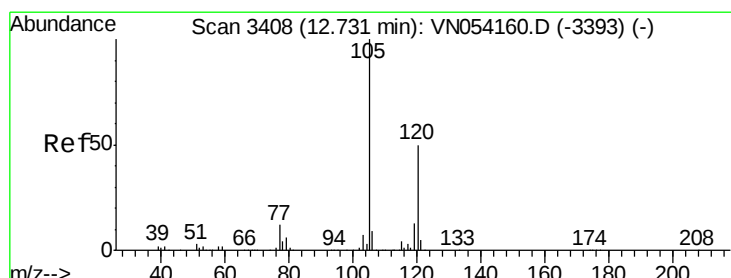
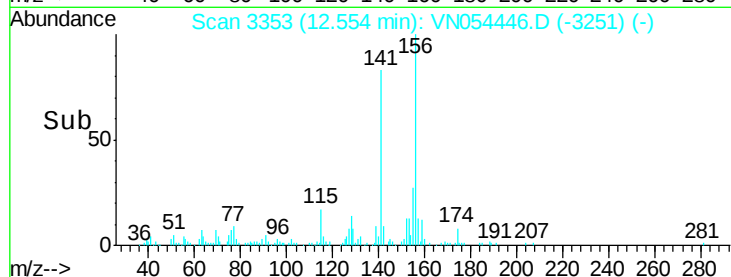
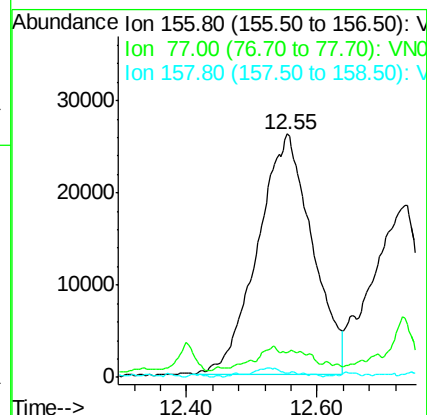
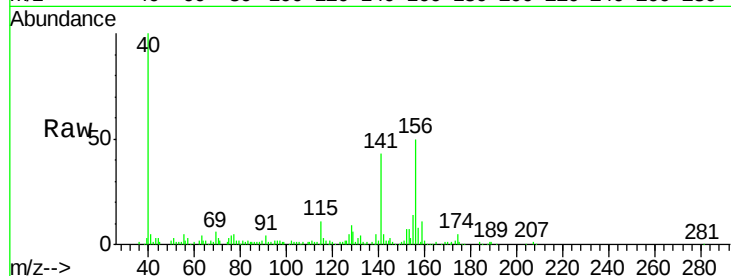
Tot Ion:156 Resp: 150538

Ion Ratio Lower Upper

156 100

77 0.0 81.5 244.4#

158 0.0 49.0 147.2#



#80

1,3,5-Trimethylbenzene

Concen: 1.012 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054446.D

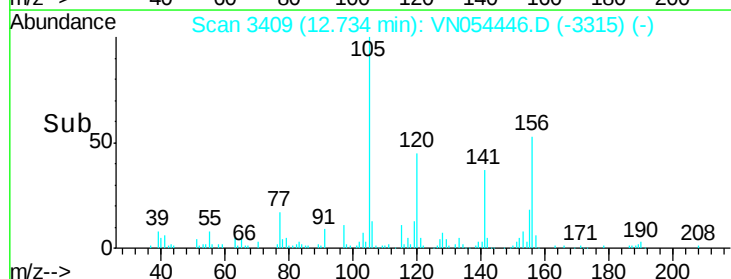
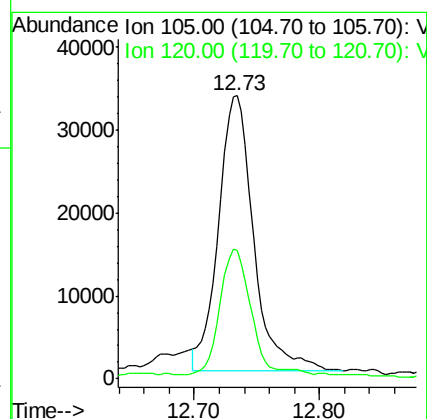
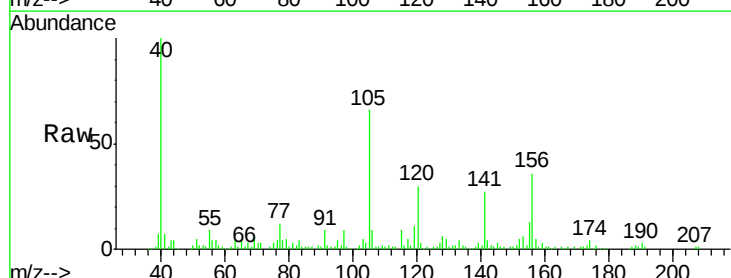
Acq: 19 Mar 2019 17:56

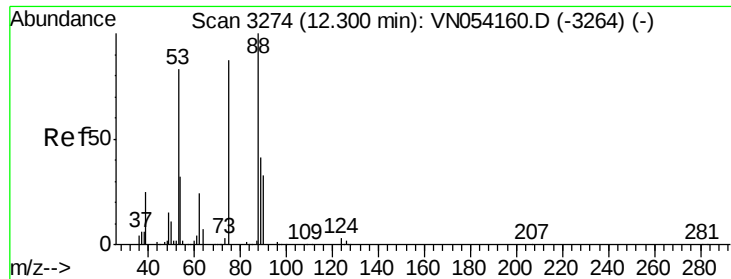
Tgt Ion:105 Resp: 64663

Ion Ratio Lower Upper

105 100

120 38.9 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 111.932 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054446.D

Acq: 19 Mar 2019 17:56

Instrument :

MSVOA_N

ClientSampleId :

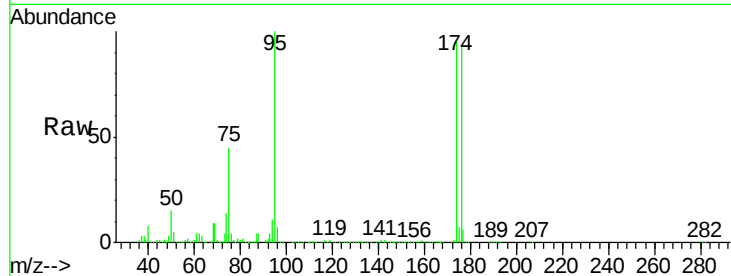
Tot Ion: 75 Resp: 462539

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

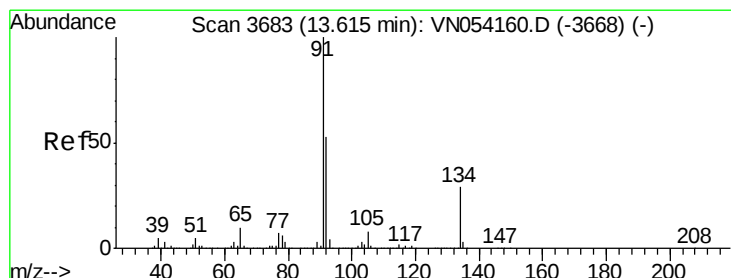
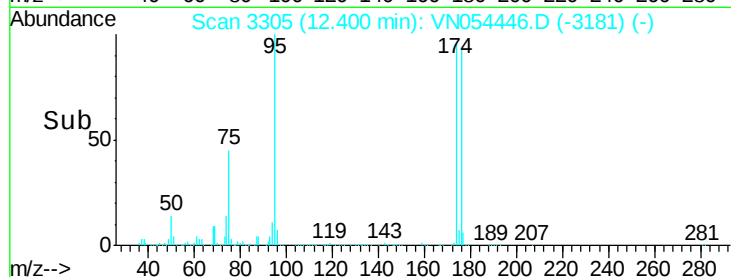
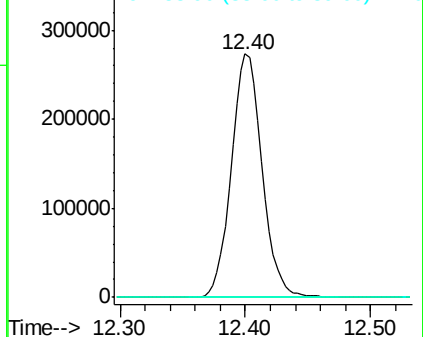
89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#89

n-Butylbenzene

Concen: 0.240 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN054446.D

Acq: 19 Mar 2019 17:56

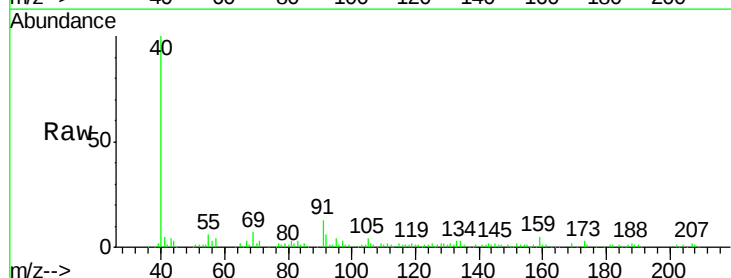
Tgt Ion: 91 Resp: 12230

Ion Ratio Lower Upper

91 100

92 41.8 26.2 78.6

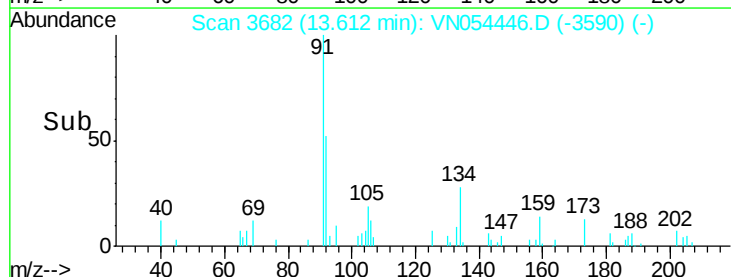
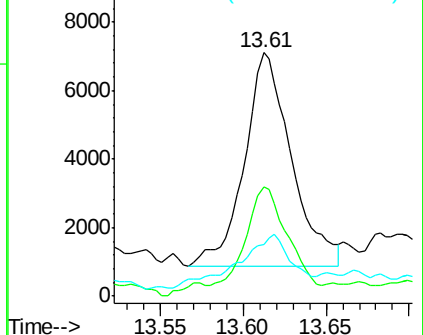
134 28.3 14.3 42.9

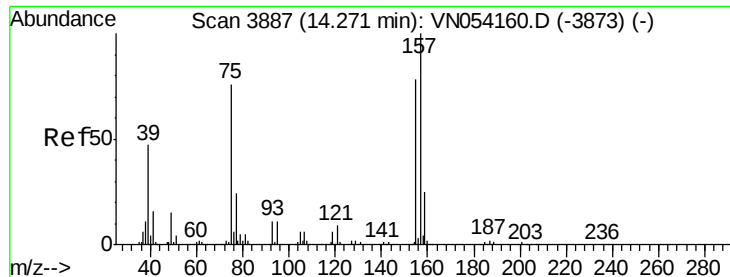


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.270 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. -0.01 min

Lab File: VN054446.D

Acq: 19 Mar 2019 17:56

Instrument :

MSVOA_N

ClientSampleId :

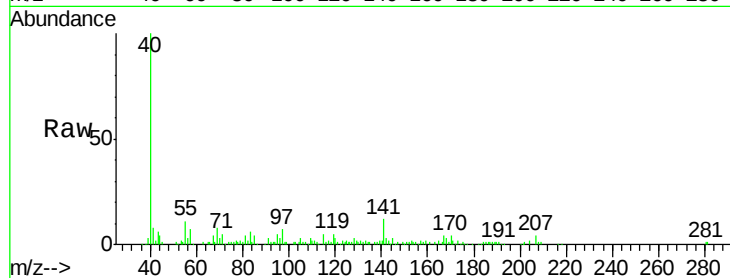
Tot Ion: 75 Resp: 684

Ion Ratio Lower Upper

75 100

155 0.0 50.1 150.3#

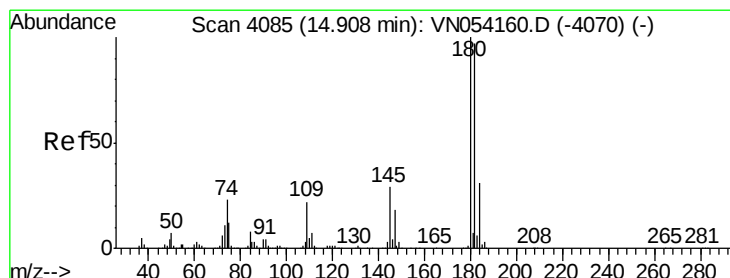
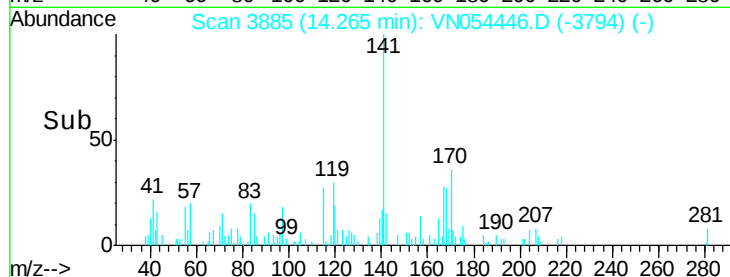
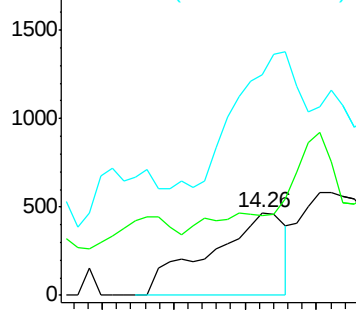
157 139.0 63.1 189.3



Abundance Ion 74.90 (74.60 to 75.60): VN054160.D (-3873) (-)

Ion 154.80 (154.50 to 155.50): VN054160.D (-3873) (-)

Ion 156.80 (156.50 to 157.50): VN054160.D (-3873) (-)



#93

1,2,4-Trichlorobenzene

Concen: 2.771 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN054446.D

Acq: 19 Mar 2019 17:56

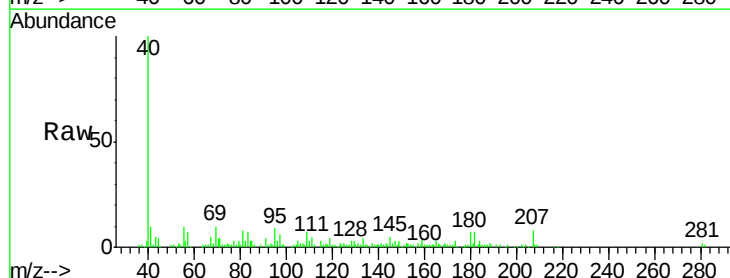
Tgt Ion: 180 Resp: 5419

Ion Ratio Lower Upper

180 100

182 108.9 48.0 144.2

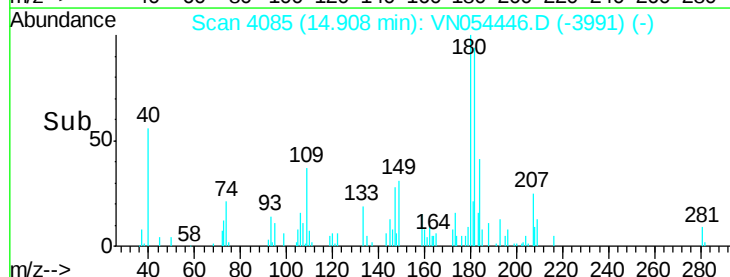
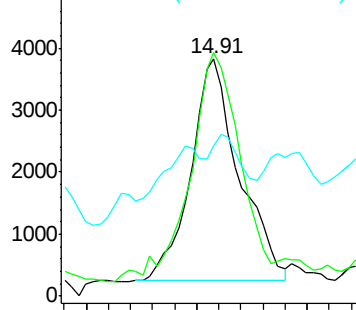
145 15.4 14.2 42.8

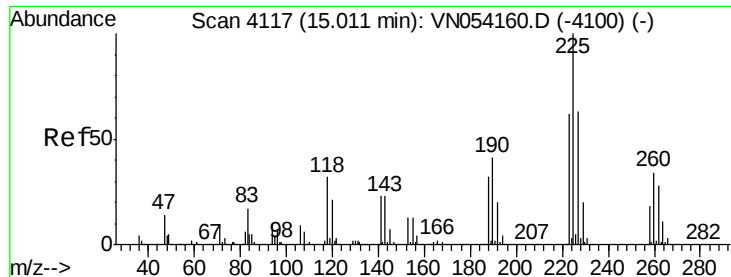


Abundance Ion 179.80 (179.50 to 180.50): VN054160.D (-4070) (-)

Ion 181.80 (181.50 to 182.50): VN054160.D (-4070) (-)

Ion 144.80 (144.50 to 145.50): VN054160.D (-4070) (-)





#94

Hexachlorobutadiene

Concen: 0.244 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN054446.D

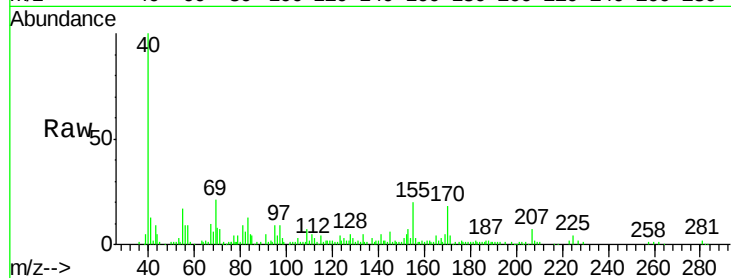
Acq: 19 Mar 2019 17:56

Instrument :

MSVOA_N

ClientSampleId :

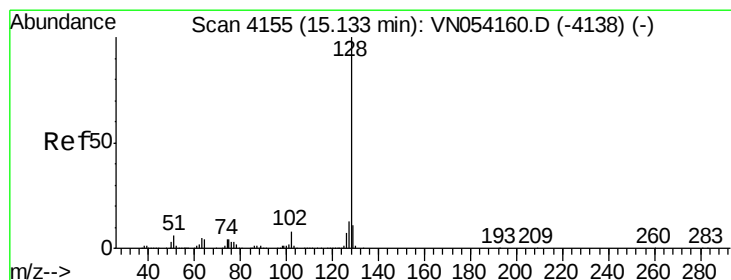
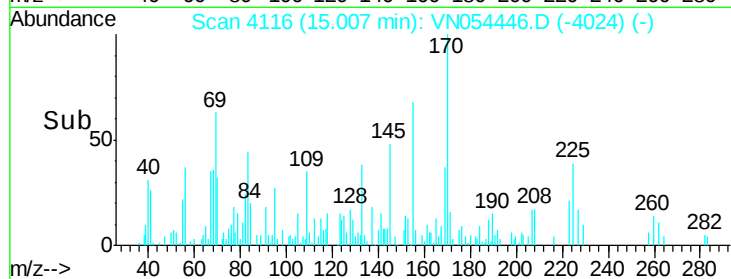
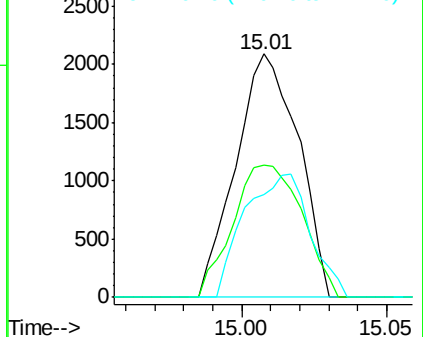
Tot Ion:	225	Resp:	3117
Ion	Ratio	Lower	Upper
225	100		
223	60.4	31.1	93.5
227	53.2	31.9	95.9



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 4.134 ug/l

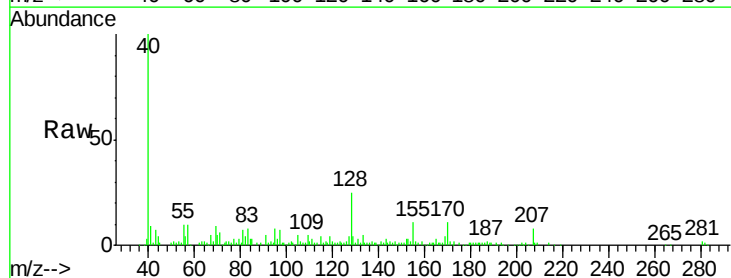
RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054446.D

Acq: 19 Mar 2019 17:56

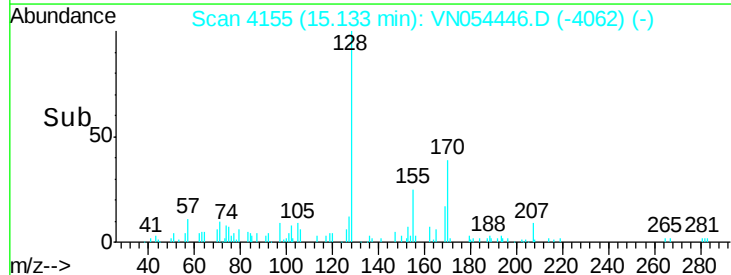
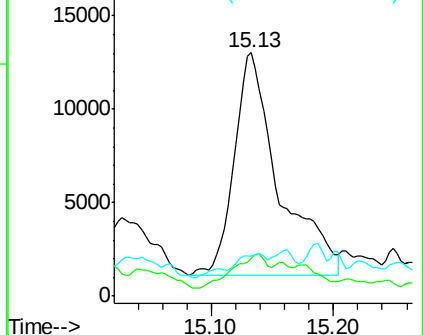
Tgt Ion:	128	Resp:	30090
Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.1	15.1
129	6.3	8.7	13.1#

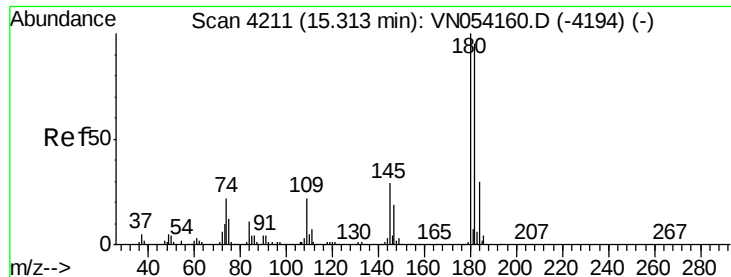


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.382 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN054446.D
 Acq: 19 Mar 2019 17:56

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	84.3	47.5	142.6
145	107.3	14.8	44.3#

