

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031919\
 Data File : VN054449.D
 Acq On : 19 Mar 2019 19:18
 Operator : JC/SP
 Sample : K1693-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 20 03:55:31 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	2149588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	3017208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2510421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	982871	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	904546	39.62	ug/l	0.00
Spiked Amount			Recovery	=	79.24%	
35) Dibromofluoromethane	7.59	113	890354	45.75	ug/l	0.00
Spiked Amount			Recovery	=	91.50%	
50) Toluene-d8	10.09	98	3463118	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	12.40	95	1054054	41.92	ug/l	0.00
Spiked Amount			Recovery	=	83.84%	

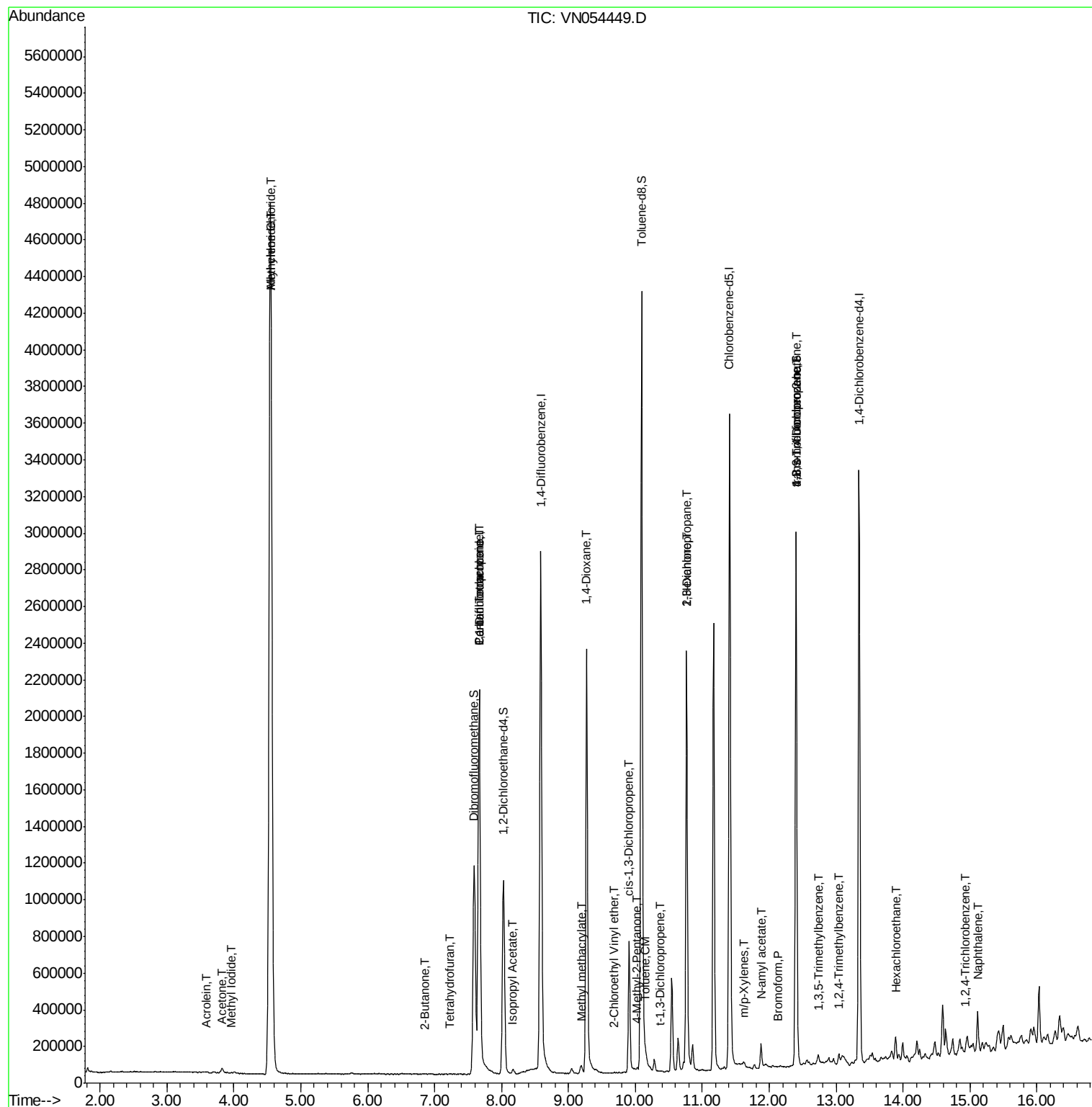
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.96	142	99	1.500	ug/l #	45
13) Acrolein	3.60	56	570	0.384	ug/l #	27
14) Allyl chloride	4.54	41	117893	4.115	ug/l #	22
16) Acetone	3.82	43	37596	5.752	ug/l	93
20) Methylene Chloride	4.55	84	3936557	183.416	ug/l	96
25) 2-Butanone	6.86	43	3403	0.444	ug/l #	78
29) Tetrahydrofuran	7.23	42	1753	0.355	ug/l #	64
31) Cyclohexane	7.67	56	28103	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	119363	4.296	ug/l #	47
38) Carbon Tetrachloride	7.66	117	175429	6.021	ug/l #	16
43) Isopropyl Acetate	8.17	43	29258	1.044	ug/l	99
48) Methyl methacrylate	9.18	41	14540	1.022	ug/l #	12
49) 1,4-Dioxane	9.27	88	491	2.441	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	15604	1.052	ug/l #	36
52) Toluene	10.16	92	10911	0.216	ug/l	89
53) t-1,3-Dichloropropene	10.38	75	111	1.989	ug/l #	1
54) cis-1,3-Dichloropropene	9.91	75	153418	4.923	ug/l #	56
57) 1,3-Dichloropropane	10.77	76	28585	0.950	ug/l #	44
58) 2-Chloroethyl Vinyl ether	9.68	63	31	16.831	ug/l #	44
59) 2-Hexanone	10.76	43	323905	32.824	ug/l #	52
68) m/p-Xylenes	11.63	106	7282	0.204	ug/l #	72
71) Bromoform	12.13	173	374	2.374	ug/l #	28
74) N-ethyl acetate	11.88	43	37121	2.127	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	471842	32.645	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	27881	0.426	ug/l	76
81) trans-1,4-Dichloro-2-buten	12.40	75	471842	111.596	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	30732	0.479	ug/l	98
90) Hexachloroethane	13.89	117	8546	0.753	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.91	180	705	2.549	ug/l #	7
95) Naphthalene	15.13	128	34290	4.210	ug/l #	94

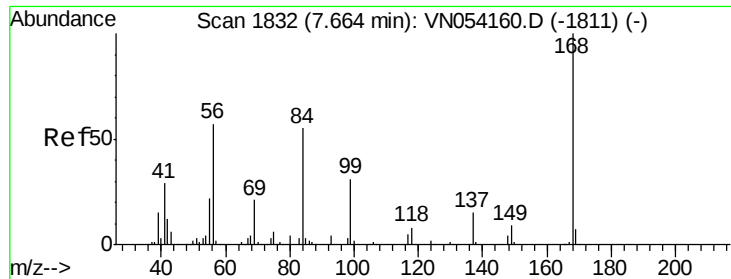
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031919\
Data File : VN054449.D
Acq On : 19 Mar 2019 19:18
Operator : JC/SP
Sample : K1693-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Mar 20 03:55:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054449.D

Acq: 19 Mar 2019 19:18

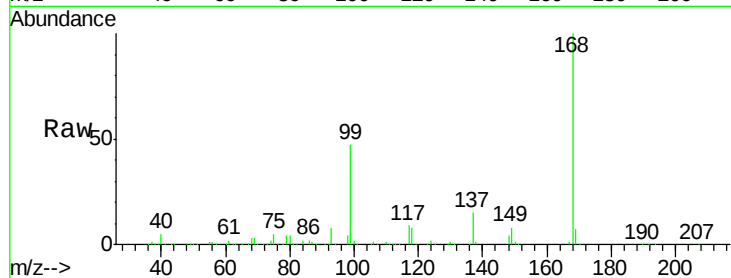
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 2149588

Ion Ratio Lower Upper

168 100

99 46.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

800000

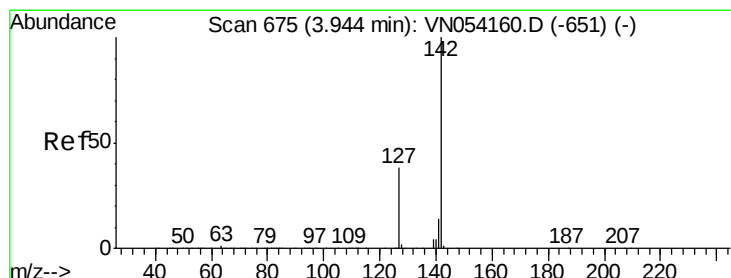
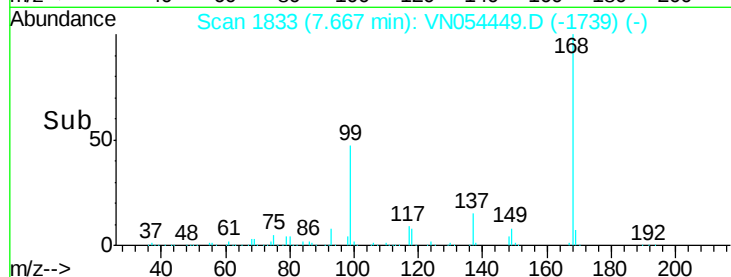
600000

400000

200000

0

Time-->



#10

Methyl Iodide

Concen: 1.500 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.02 min

Lab File: VN054449.D

Acq: 19 Mar 2019 19:18

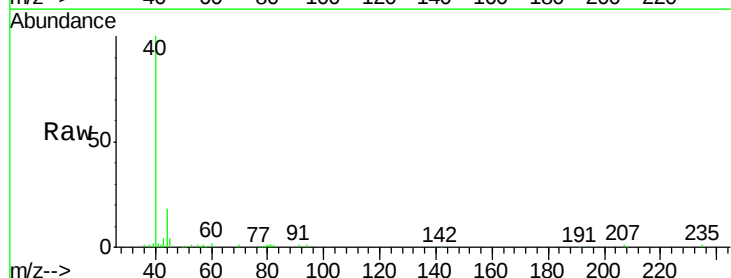
Tgt Ion:142 Resp: 99

Ion Ratio Lower Upper

142 100

127 0.0 30.3 45.5#

141 0.0 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

3.96

250

200

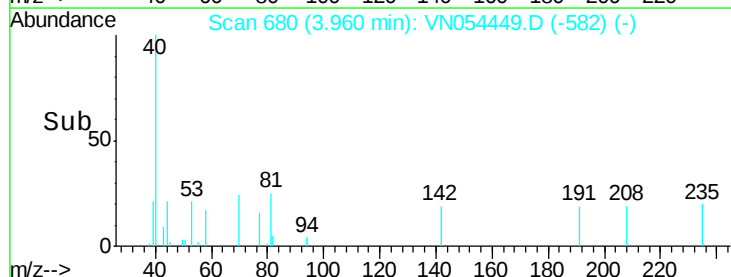
150

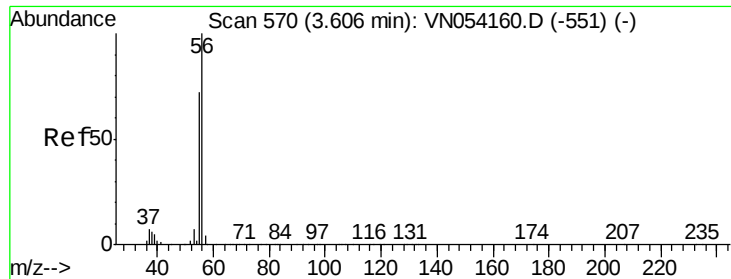
100

50

0

Time-->

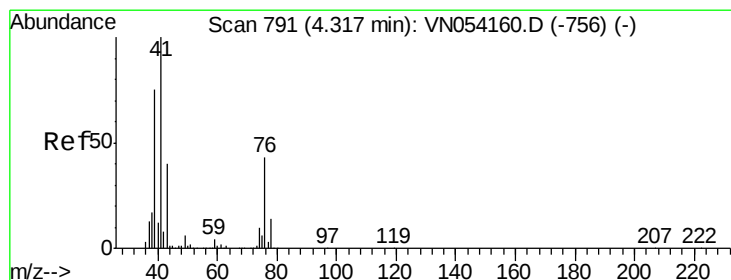
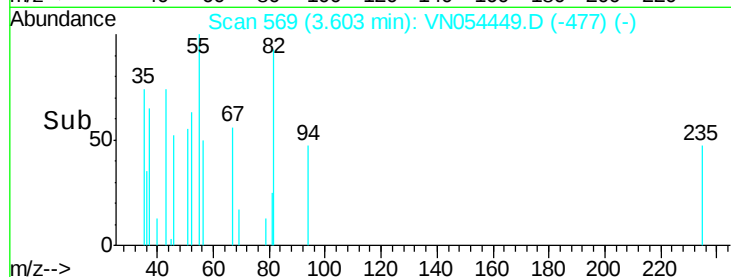
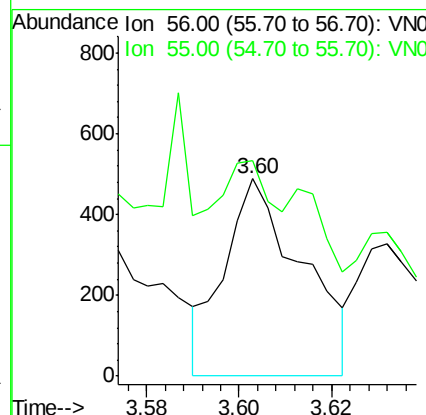
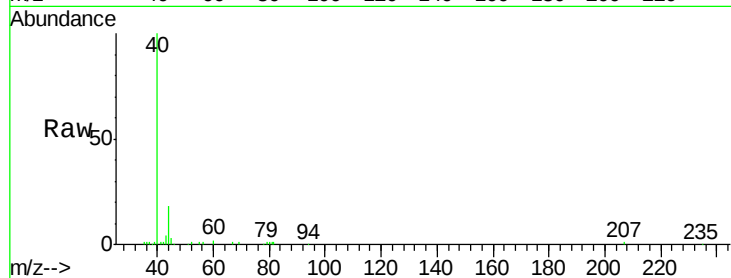




#13
Acrolein
Concen: 0.384 ug/l
RT: 3.60 min Scan# 569
Delta R.T. -0.00 min
Lab File: VN054449.D
Acq: 19 Mar 2019 19:18

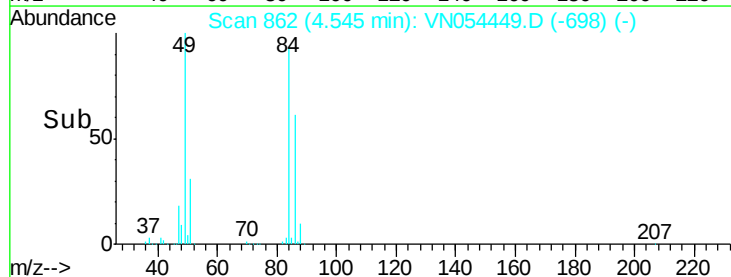
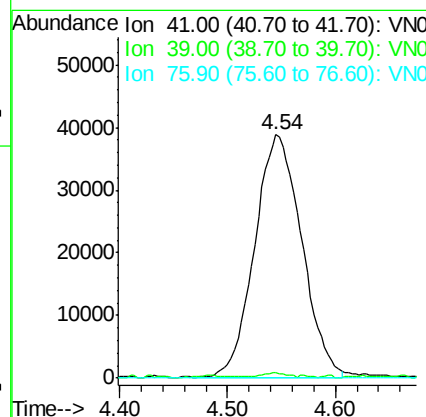
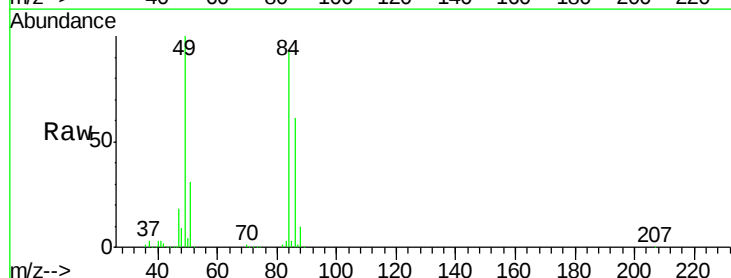
Instrument :
MSVOA_N
ClientSampled :

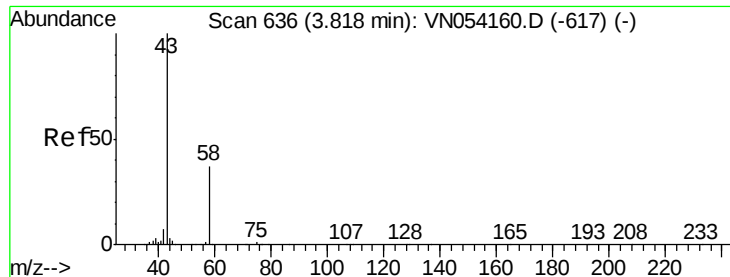
Tot Ion: 56 Resp: 570
Ion Ratio Lower Upper
56 100
55 10.7 56.7 85.1#



#14
Allyl chloride
Concen: 4.115 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.23 min
Lab File: VN054449.D
Acq: 19 Mar 2019 19:18

Tgt Ion: 41 Resp: 117893
Ion Ratio Lower Upper
41 100
39 1.2 58.2 87.4#
76 0.0 31.7 47.5#





#16

Acetone

Concen: 5.752 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054449.D

Acq: 19 Mar 2019 19:18

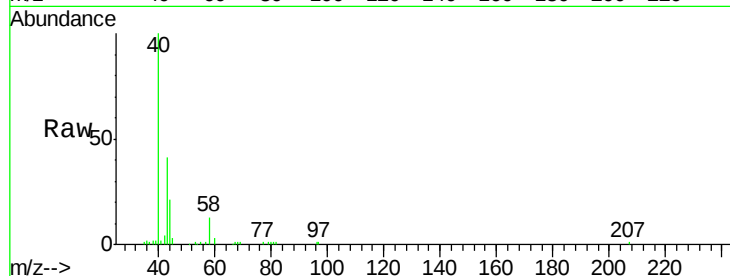
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 37596

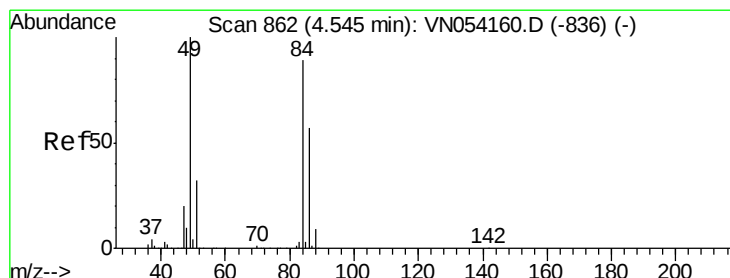
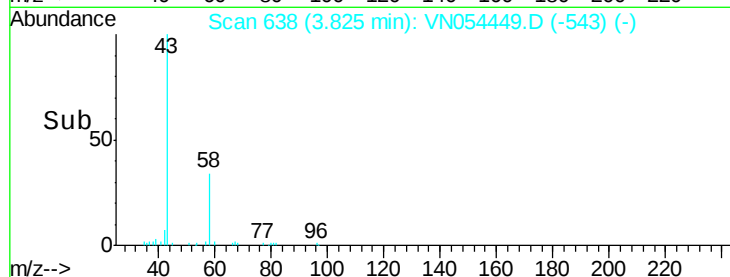
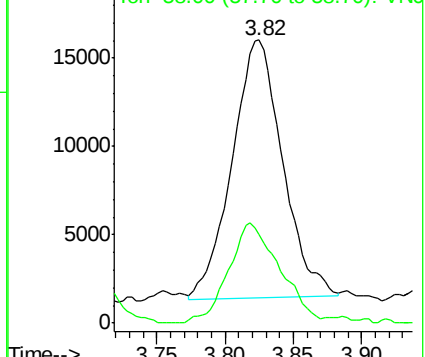
Ion Ratio Lower Upper

43 100

58 33.4 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO



#20

Methylene Chloride

Concen: 183.416 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054449.D

Acq: 19 Mar 2019 19:18

Tgt Ion: 84 Resp: 3936557

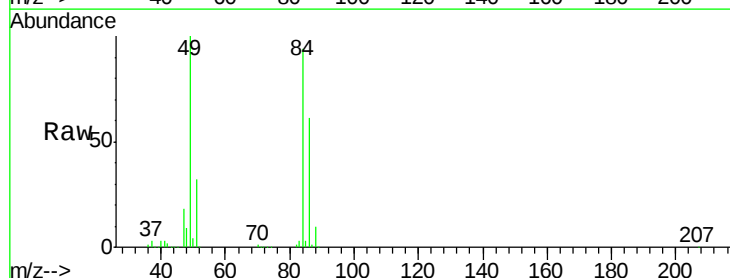
Ion Ratio Lower Upper

84 100

49 106.2 89.7 134.5

51 33.5 28.2 42.4

86 65.1 50.8 76.2

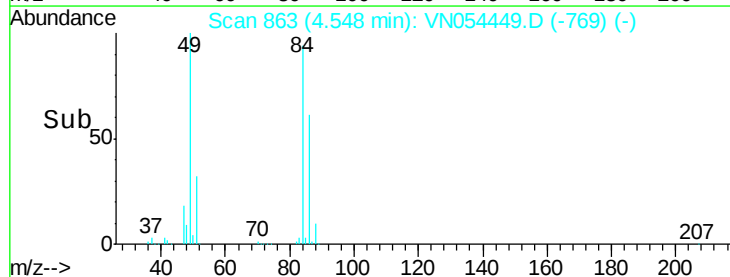
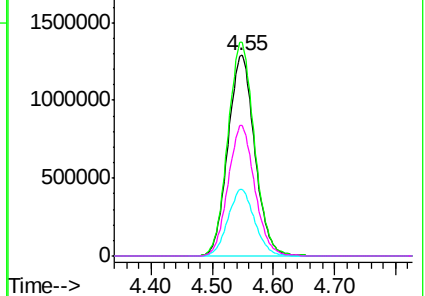


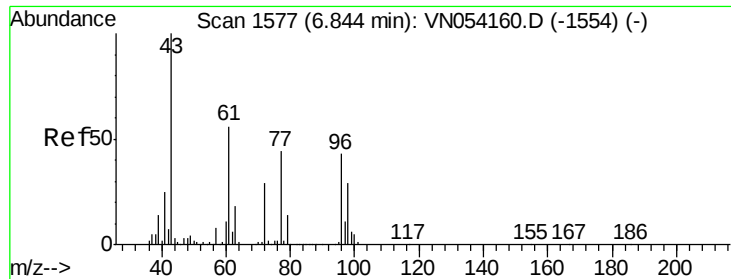
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

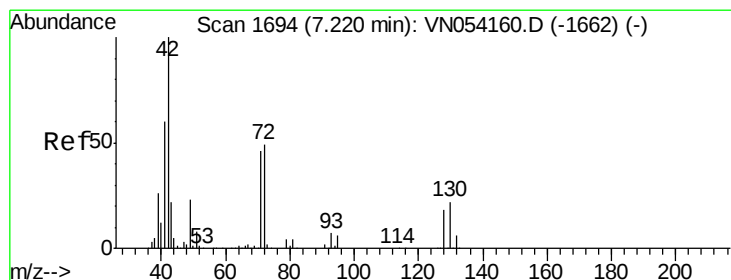
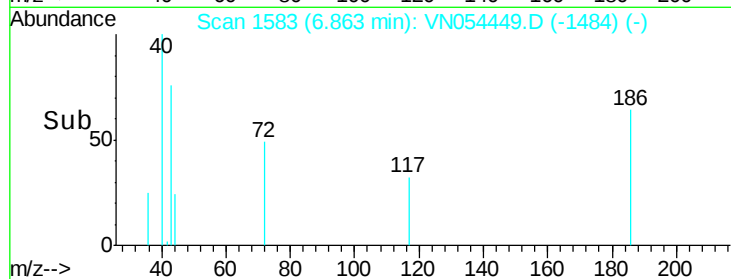
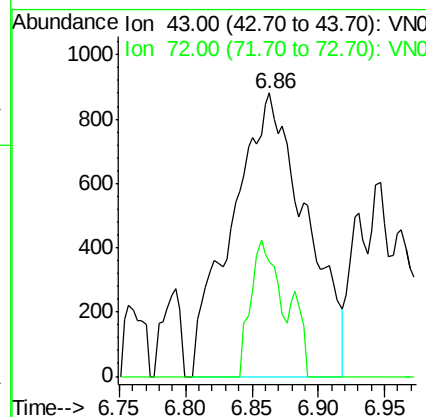
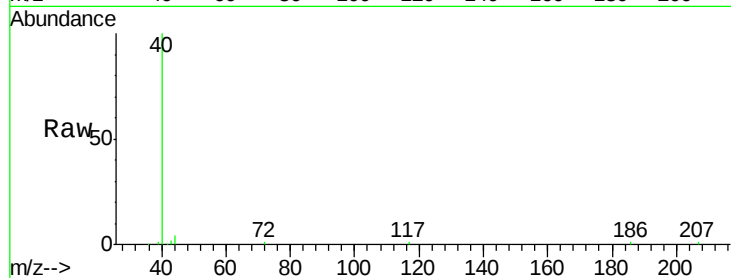




#25
2-Butanone
Concen: 0.444 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. 0.02 min
Lab File: VN054449.D
Acq: 19 Mar 2019 19:18

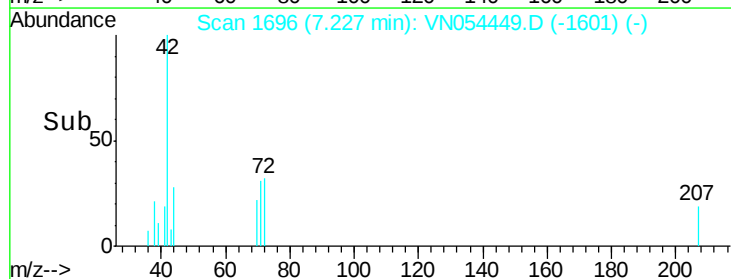
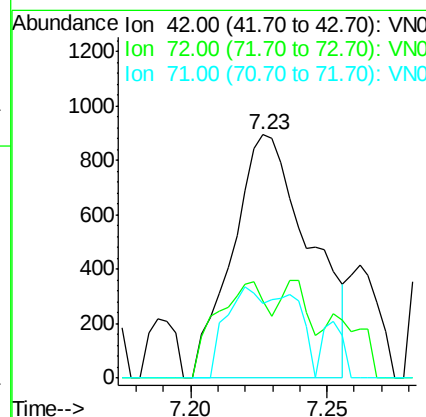
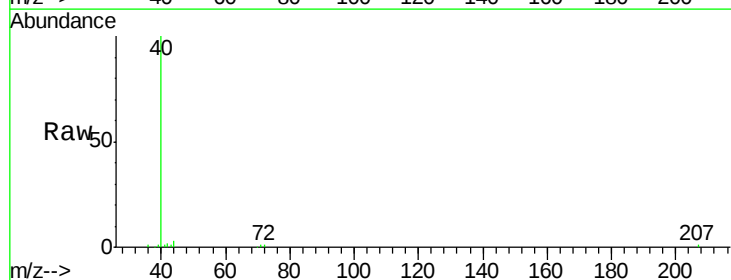
Instrument :
MSVOA_N
ClientSampleId :

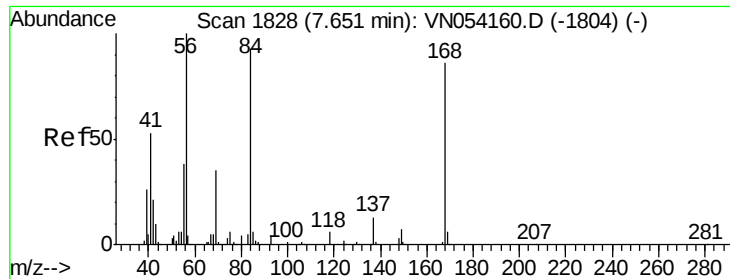
Tot Ion: 43 Resp: 3403
Ion Ratio Lower Upper
43 100
72 40.5 23.0 34.6#



#29
Tetrahydrofuran
Concen: 0.355 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VN054449.D
Acq: 19 Mar 2019 19:18

Tgt Ion: 42 Resp: 1753
Ion Ratio Lower Upper
42 100
72 26.5 37.8 56.6#
71 18.1 36.2 54.2#

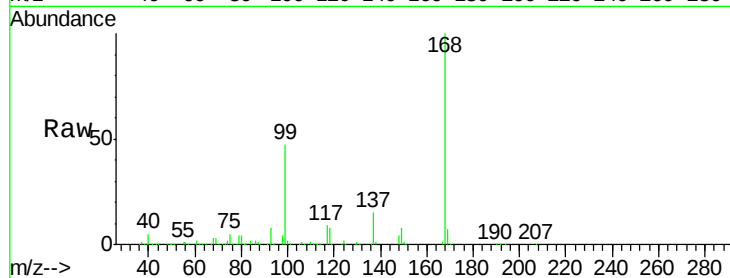




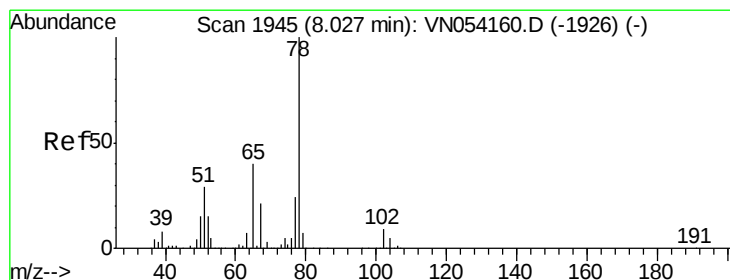
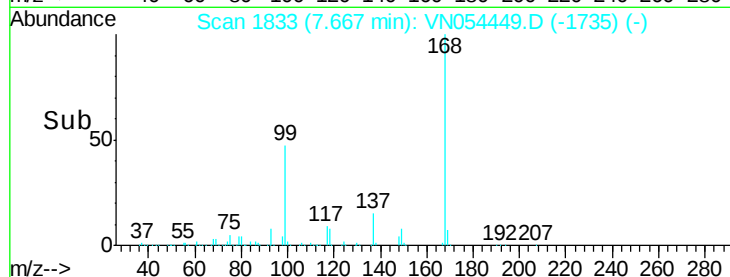
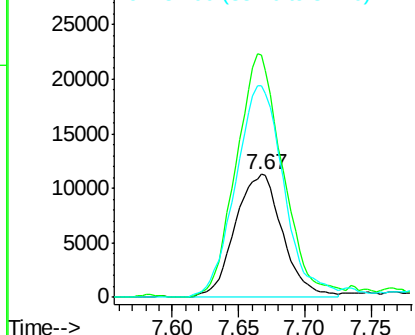
#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN054449.D
Acq: 19 Mar 2019 19:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 28103
Ion Ratio Lower Upper
56 100
69 197.2 27.8 41.6#
84 172.0 74.6 111.8#

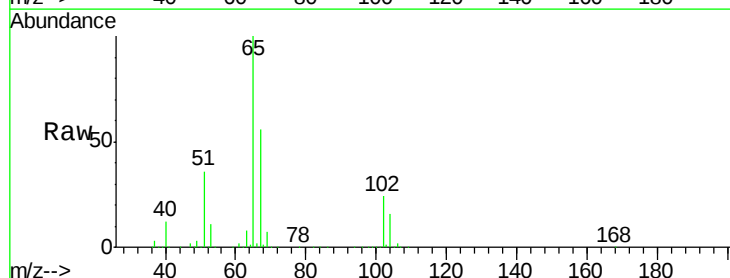


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

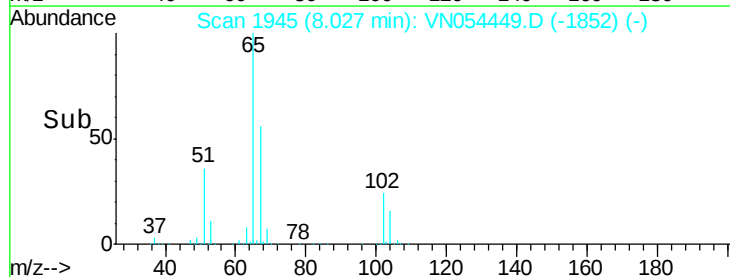
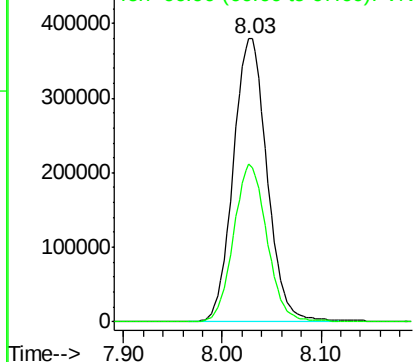


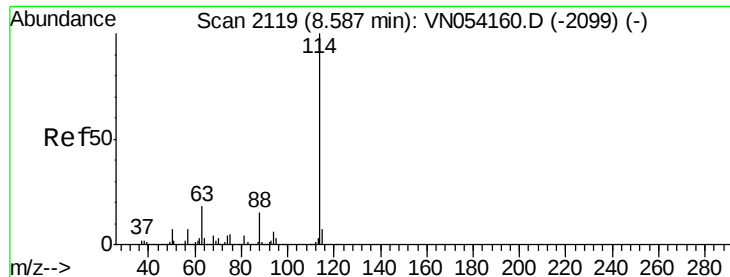
#33
1,2-Dichloroethane-d4
Concen: 39.623 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054449.D
Acq: 19 Mar 2019 19:18

Tgt Ion: 65 Resp: 904546
Ion Ratio Lower Upper
65 100
67 55.1 0.0 104.6



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

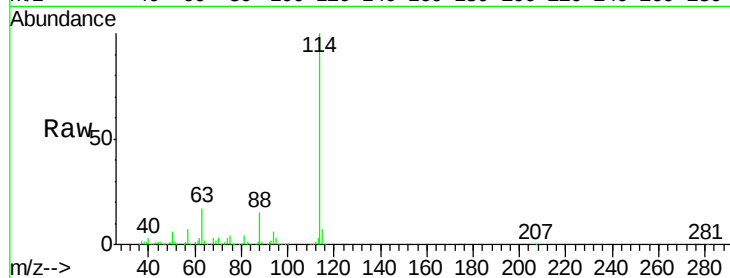




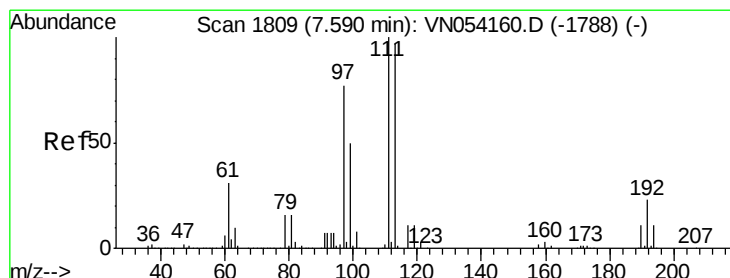
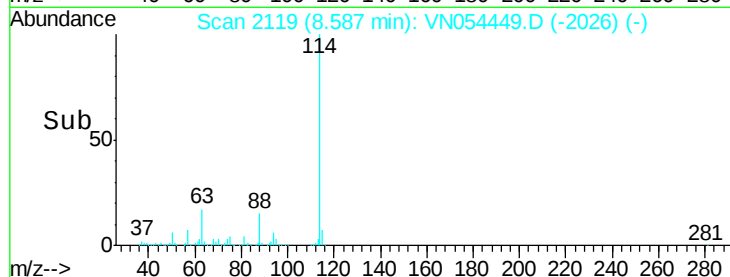
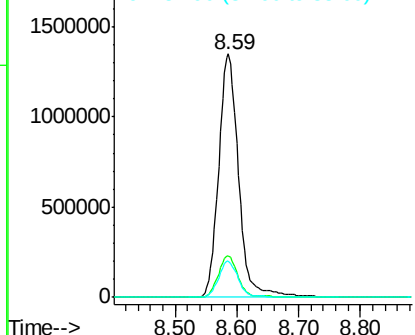
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054449.D
 Acq: 19 Mar 2019 19:18

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 3017208
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 35.2
 88 14.9 0.0 30.2

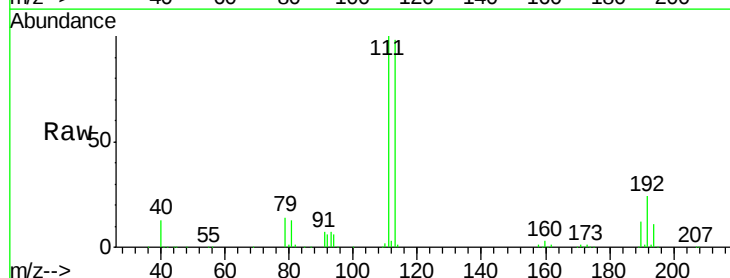


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

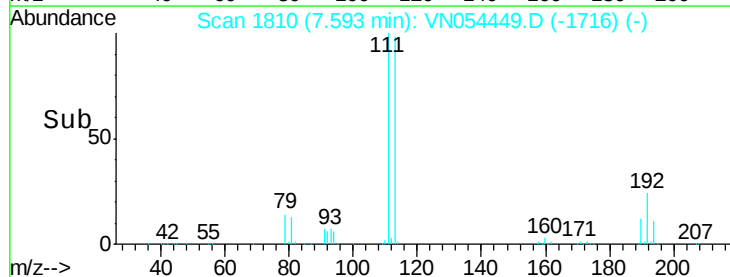
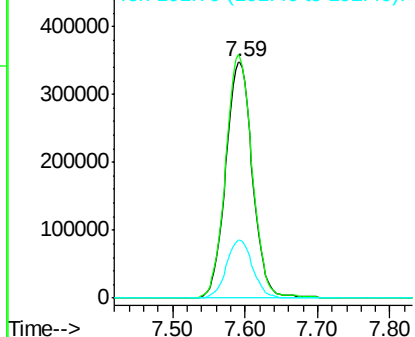


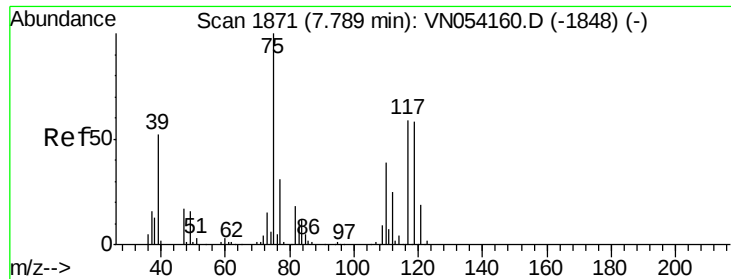
#35
 Dibromofluoromethane
 Concen: 45.754 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054449.D
 Acq: 19 Mar 2019 19:18

Tgt Ion:113 Resp: 890354
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.4
 192 24.2 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

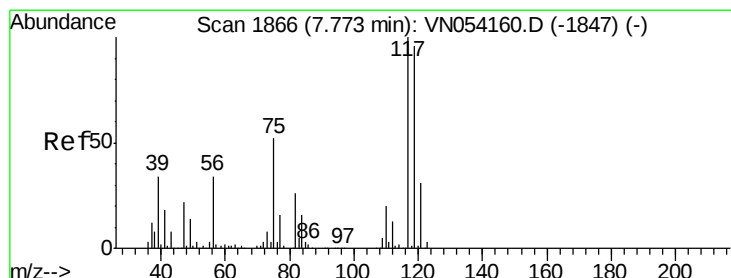
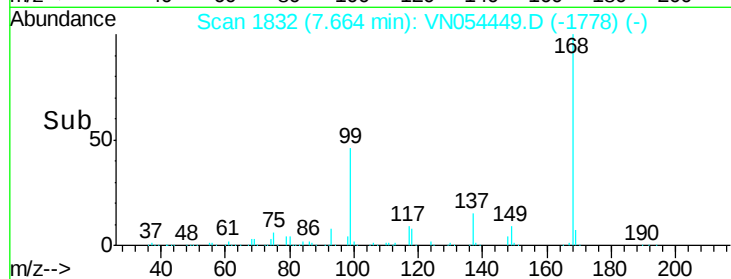
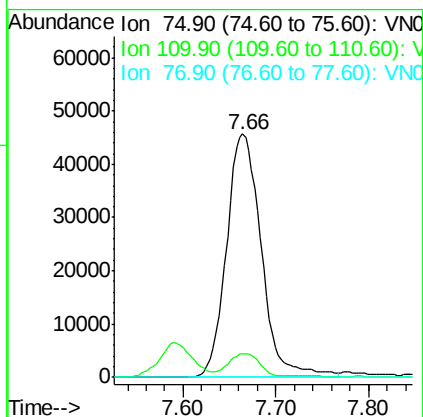
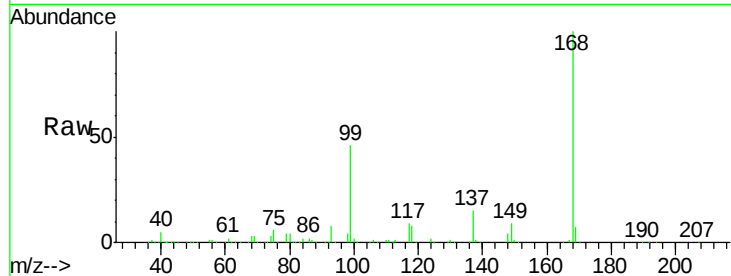




#36
 1,1-Dichloropropene
 Concen: 4.296 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054449.D
 Acq: 19 Mar 2019 19:18

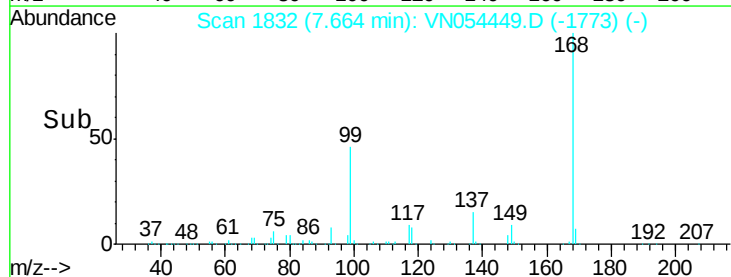
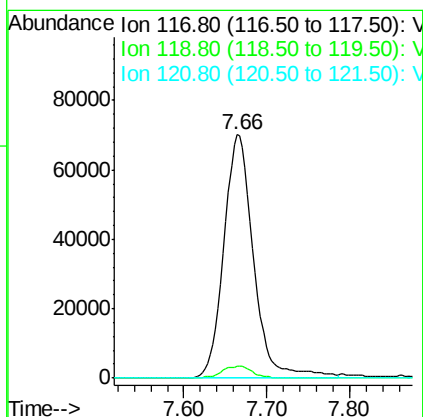
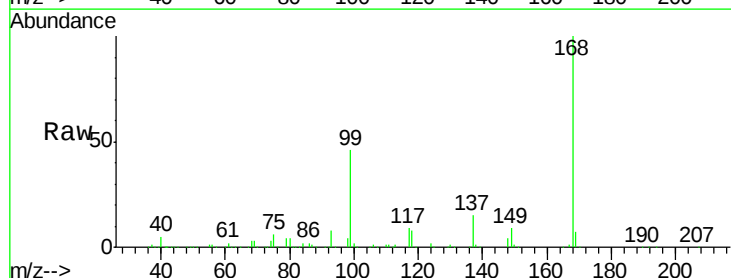
Instrument :
 MSVOA_N
 ClientSampleId :

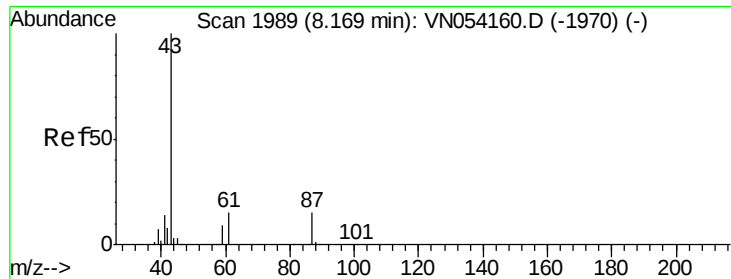
Tot Ion: 75 Resp: 119363
 Ion Ratio Lower Upper
 75 100
 110 8.4 19.1 57.5#
 77 0.1 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.021 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054449.D
 Acq: 19 Mar 2019 19:18

Tgt Ion: 117 Resp: 175429
 Ion Ratio Lower Upper
 117 100
 119 4.7 76.3 114.5#
 121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 1.044 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054449.D

Acq: 19 Mar 2019 19:18

Instrument :

MSVOA_N

ClientSampleId :

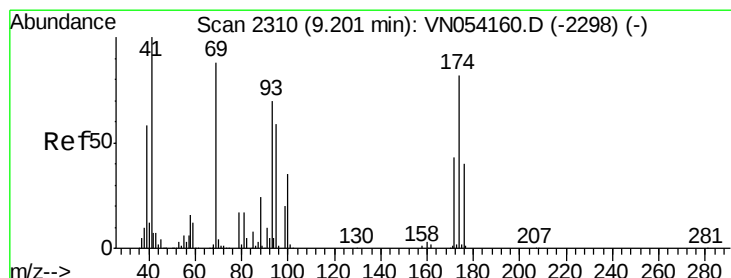
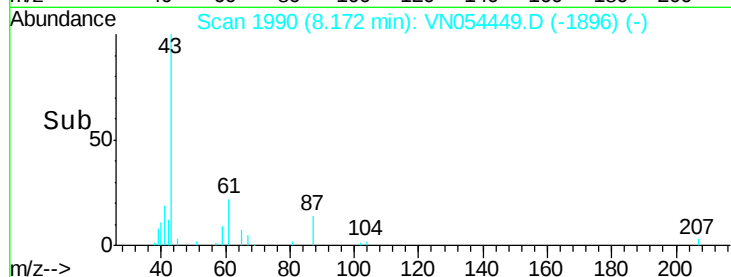
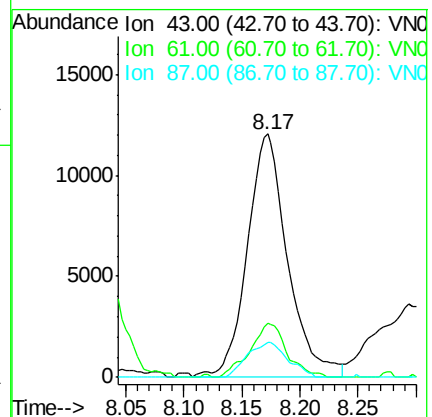
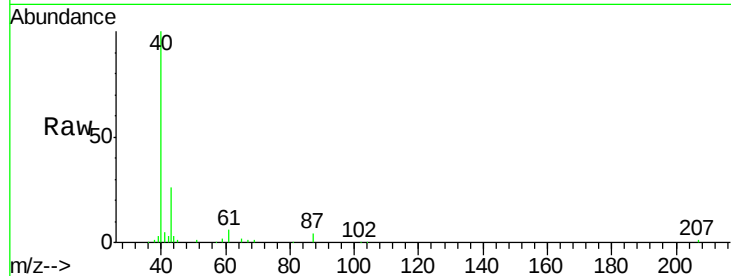
Tot Ion: 43 Resp: 29258

Ion Ratio Lower Upper

43 100

61 20.3 15.8 23.8

87 14.3 12.0 18.0



#48

Methyl methacrylate

Concen: 1.022 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN054449.D

Acq: 19 Mar 2019 19:18

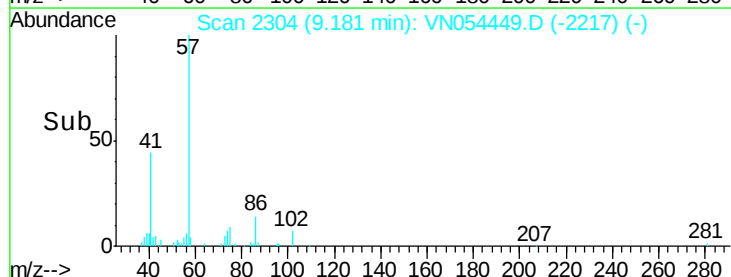
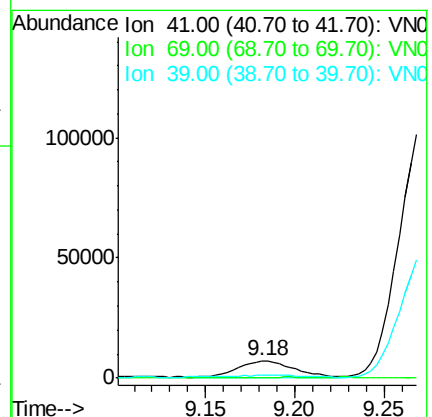
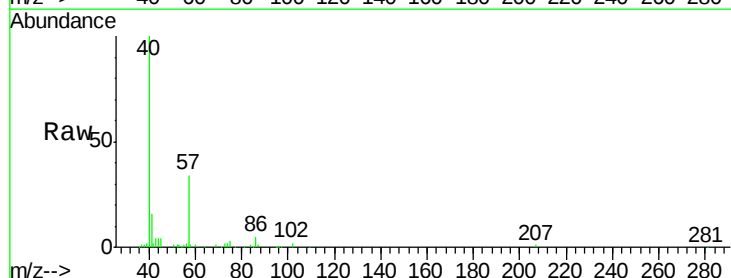
Tgt Ion: 41 Resp: 14540

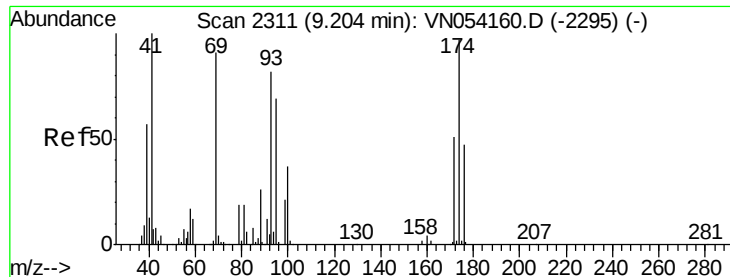
Ion Ratio Lower Upper

41 100

69 1.9 72.6 108.8#

39 0.0 47.5 71.3#





#49

1,4-Dioxane

Concen: 2.441 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.07 min

Lab File: VN054449.D

Acq: 19 Mar 2019 19:18

Instrument :
MSVOA_N
ClientSampleId :

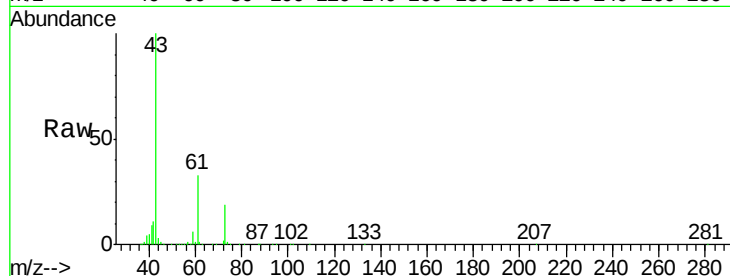
Tot Ion: 88 Resp: 491

Ion Ratio Lower Upper

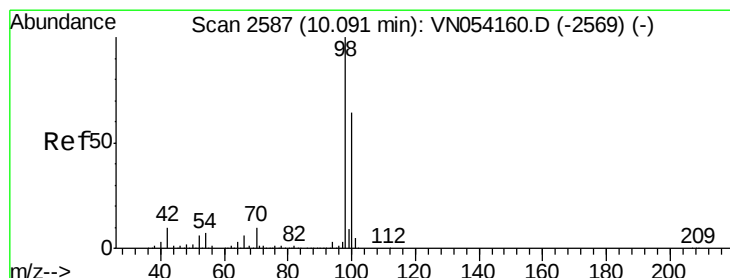
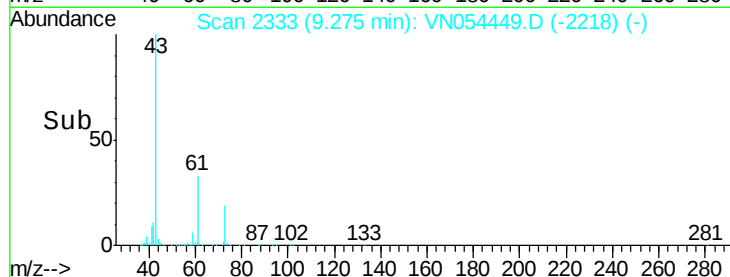
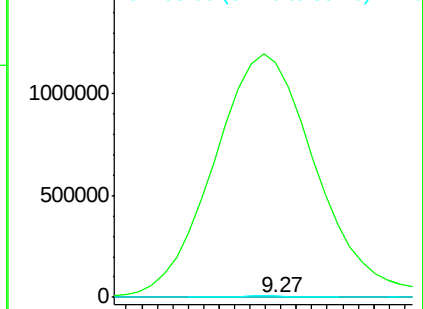
88 100

43 469200.0 24.1 36.1#

58 2161.5 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: 48.187 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054449.D

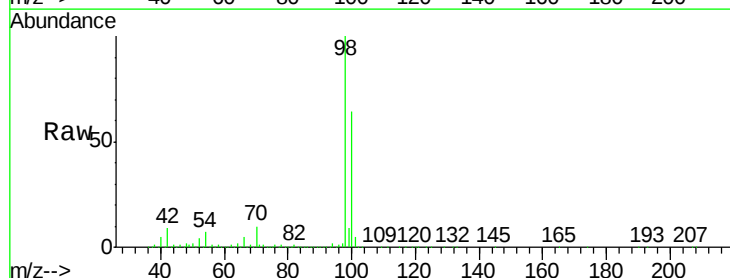
Acq: 19 Mar 2019 19:18

Tgt Ion: 98 Resp: 3463118

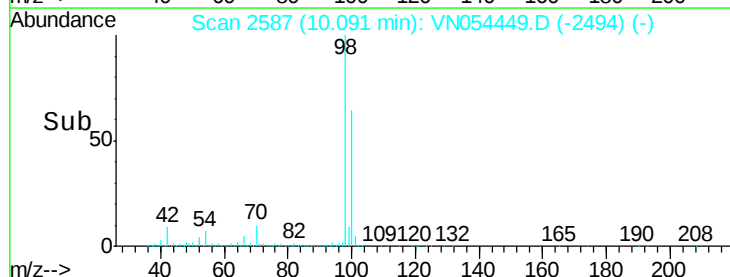
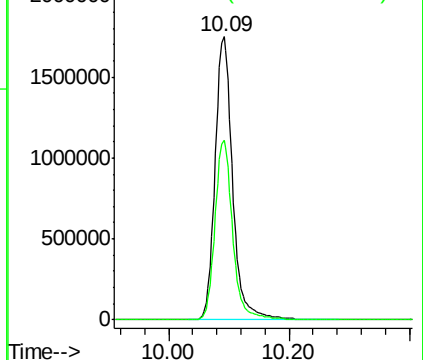
Ion Ratio Lower Upper

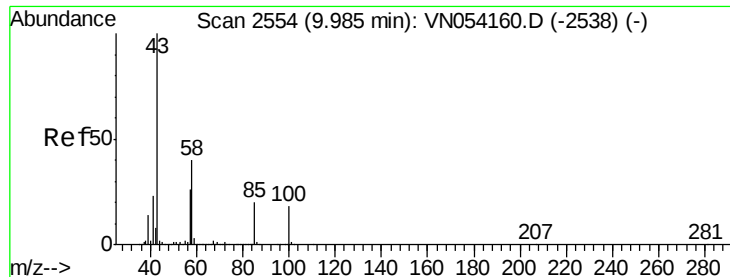
98 100

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: 1.052 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054449.D

Acq: 19 Mar 2019 19:18

Instrument :

MSVOA_N

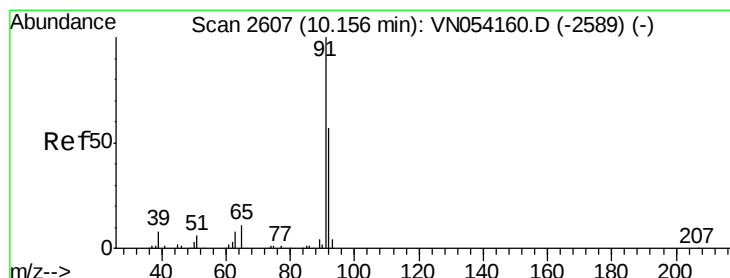
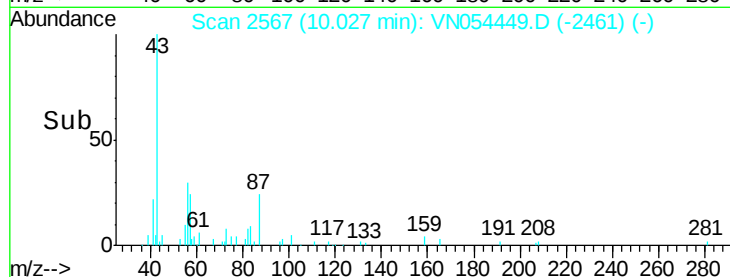
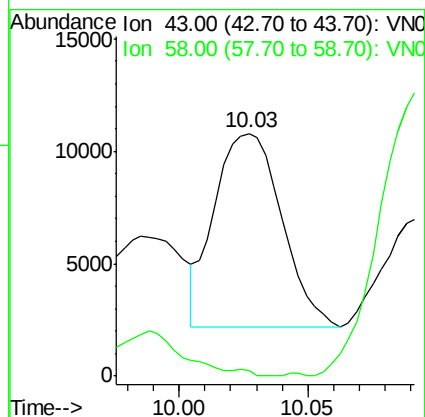
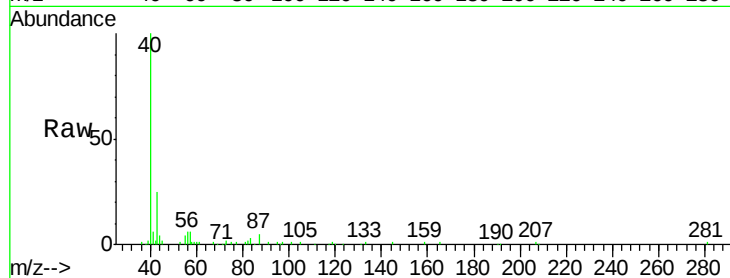
ClientSampled :

Tot Ion: 43 Resp: 15604

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#



#52

Toluene

Concen: 0.216 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054449.D

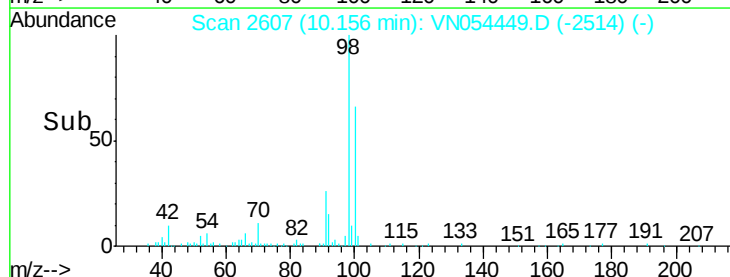
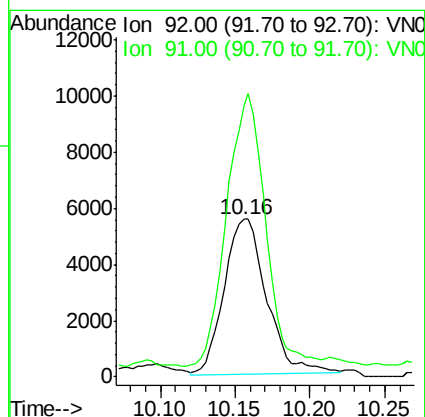
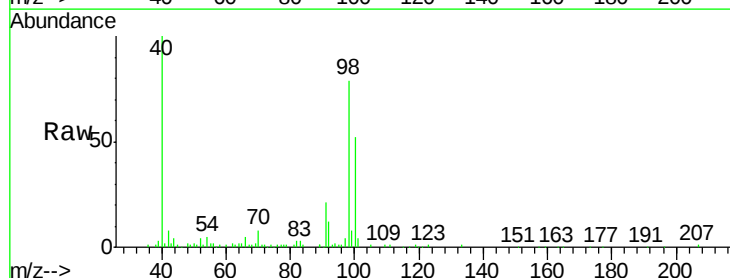
Acq: 19 Mar 2019 19:18

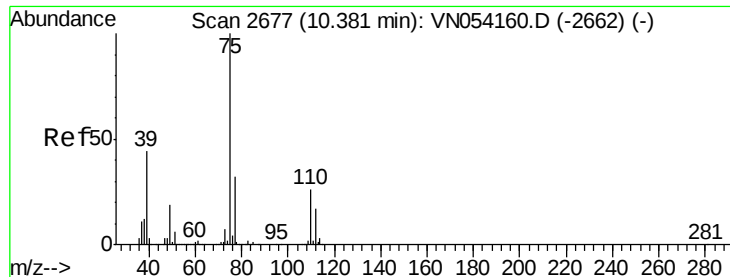
Tgt Ion: 92 Resp: 10911

Ion Ratio Lower Upper

92 100

91 160.3 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 1.989 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054449.D

Acq: 19 Mar 2019 19:18

Instrument :

MSVOA_N

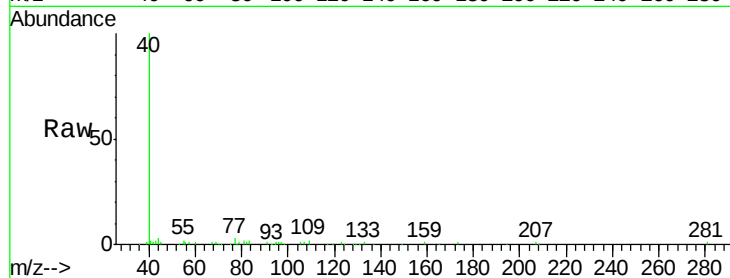
ClientSampleId :

Tot Ion: 75 Resp: 111

Ion Ratio Lower Upper

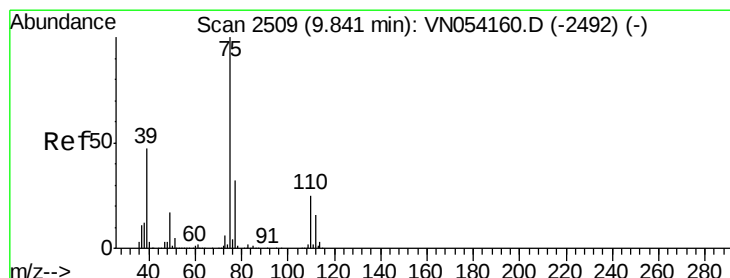
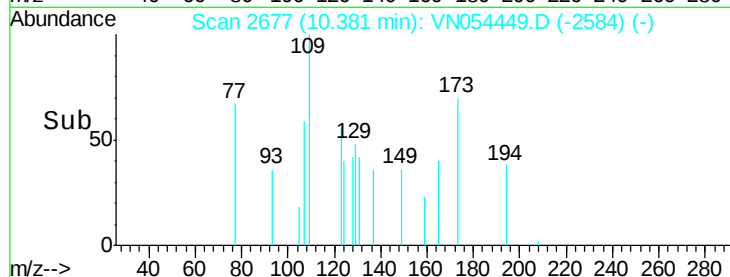
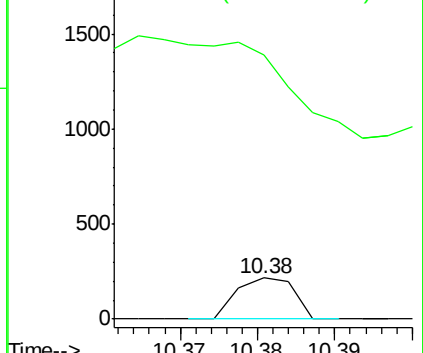
75 100

77 162.0 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 4.923 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN054449.D

Acq: 19 Mar 2019 19:18

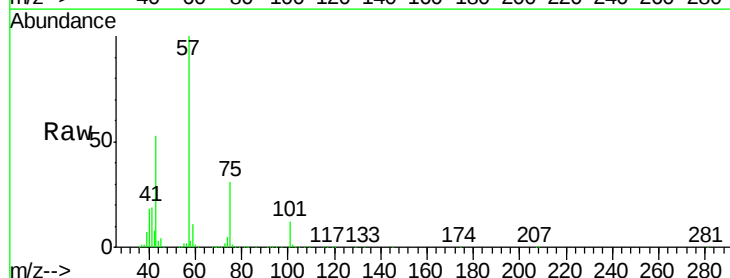
Tgt Ion: 75 Resp: 153418

Ion Ratio Lower Upper

75 100

77 0.5 25.4 38.0#

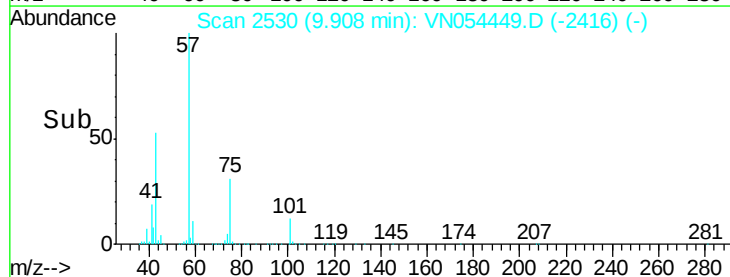
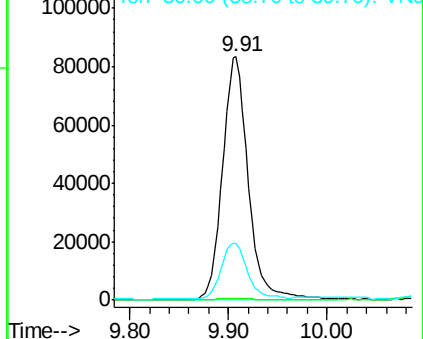
39 22.7 37.2 55.8#

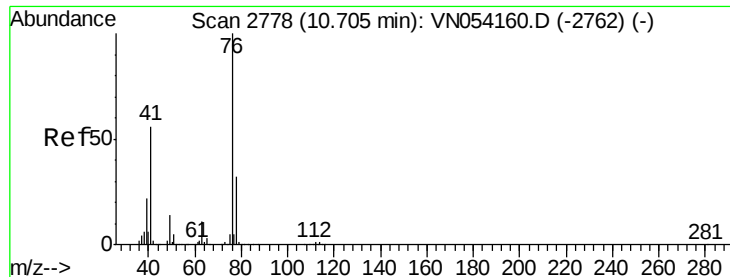


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

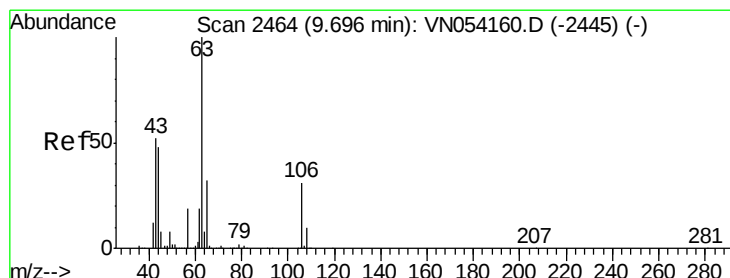
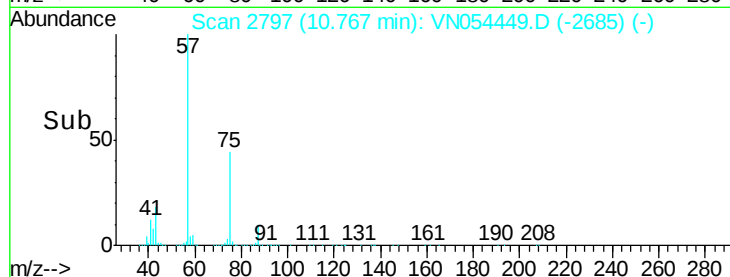
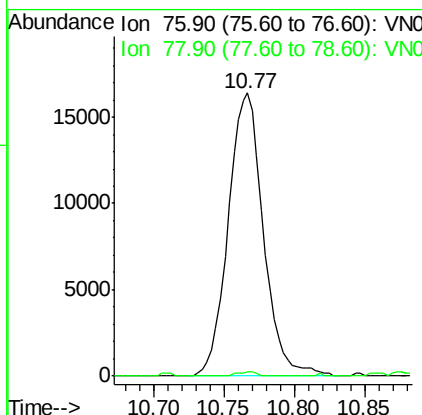
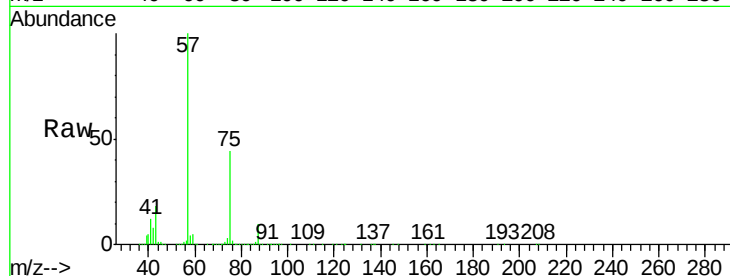




#57
 1,3-Dichloropropane
 Concen: 0.950 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN054449.D
 Acq: 19 Mar 2019 19:18

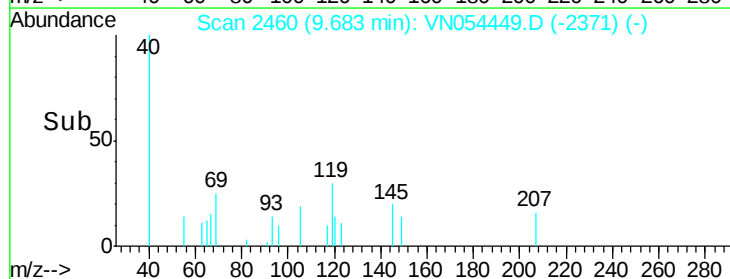
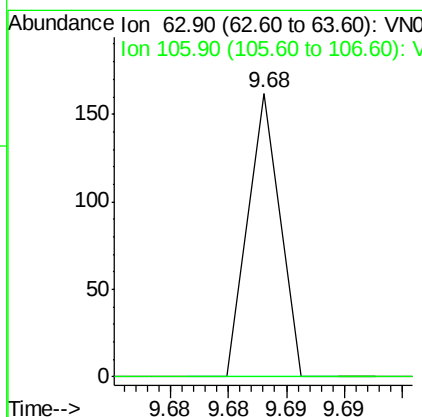
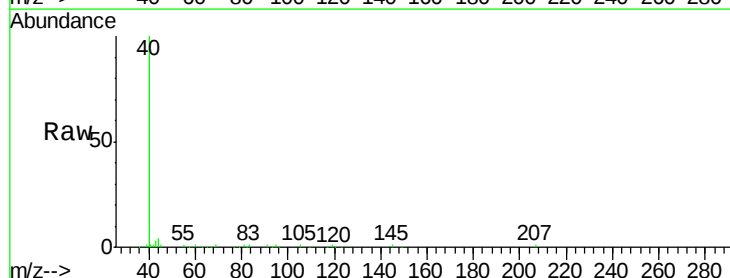
Instrument :
 MSVOA_N
 ClientSampled :

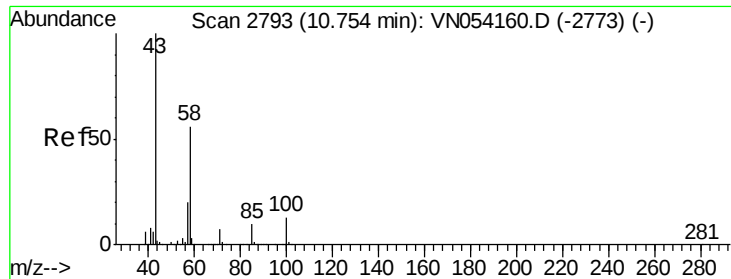
Tot Ion: 76 Resp: 28585
 Ion Ratio Lower Upper
 76 100
 78 0.8 25.7 38.5#



#58
 2-Chloroethyl Vinyl ether
 Concen: 16.831 ug/l
 RT: 9.68 min Scan# 2460
 Delta R.T. -0.01 min
 Lab File: VN054449.D
 Acq: 19 Mar 2019 19:18

Tgt Ion: 63 Resp: 31
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.4 36.6#

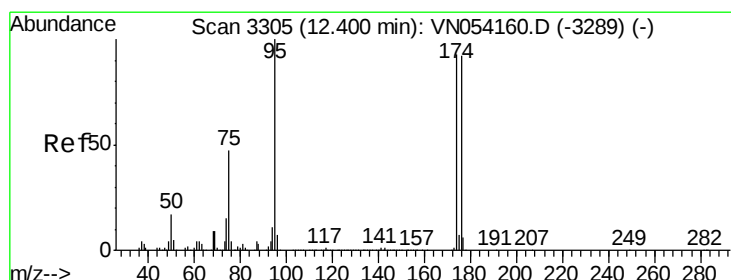
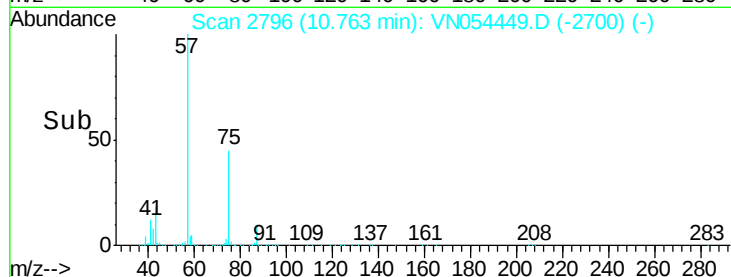
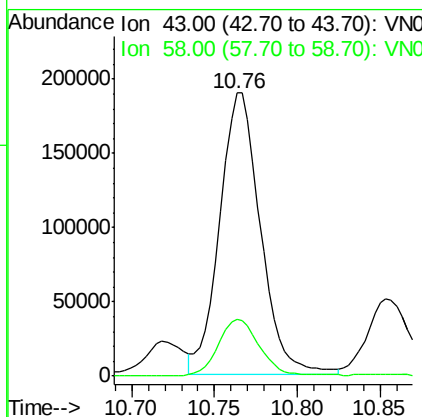
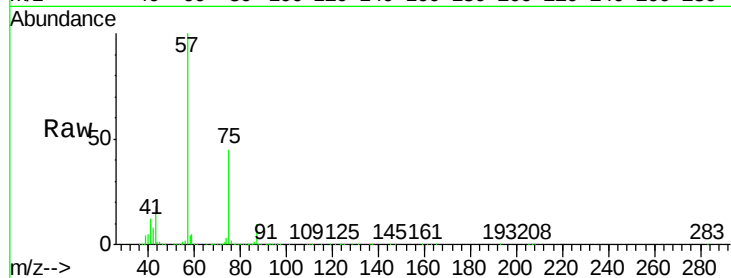




#59
2-Hexanone
Concen: 32.824 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN054449.D
Acq: 19 Mar 2019 19:18

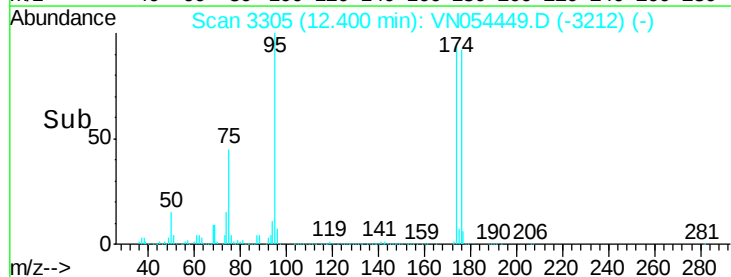
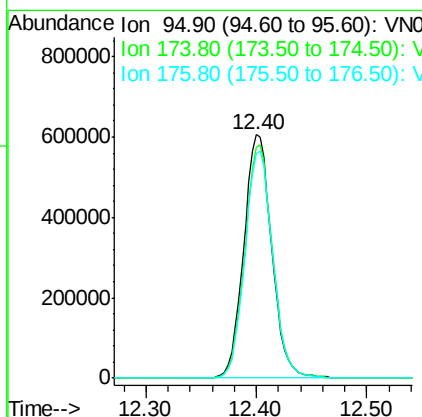
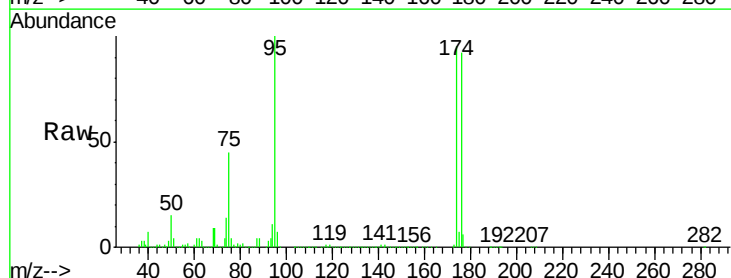
Instrument :
MSVOA_N
ClientSampled :

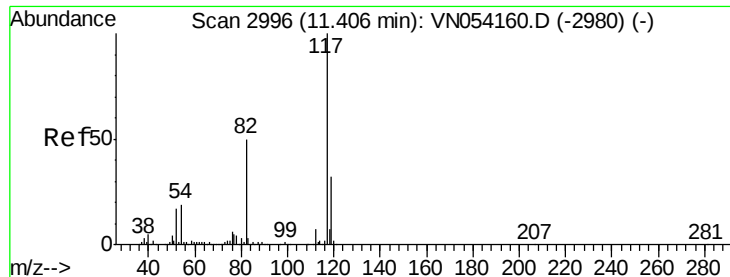
Tot Ion: 43 Resp: 323905
Ion Ratio Lower Upper
43 100
58 20.7 28.0 83.9#



#62
4-Bromofluorobenzene
Concen: 41.916 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054449.D
Acq: 19 Mar 2019 19:18

Tgt Ion: 95 Resp: 1054054
Ion Ratio Lower Upper
95 100
174 96.0 0.0 191.0
176 93.1 0.0 187.4

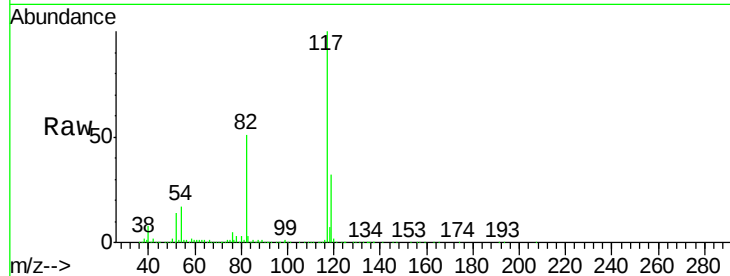




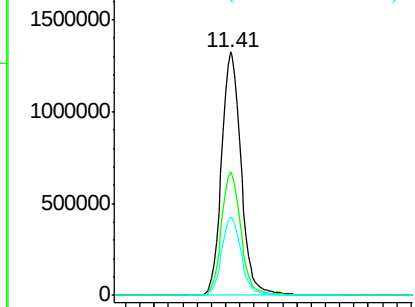
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054449.D
Acq: 19 Mar 2019 19:18

Instrument :
MSVOA_N
ClientSampleId :

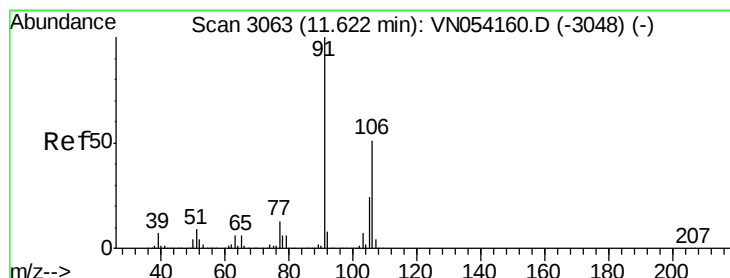
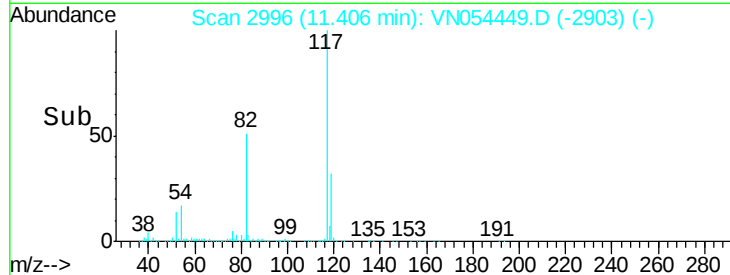
Tot Ion:117 Resp: 2510421
Ion Ratio Lower Upper
117 100
82 50.7 40.0 60.0
119 32.3 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

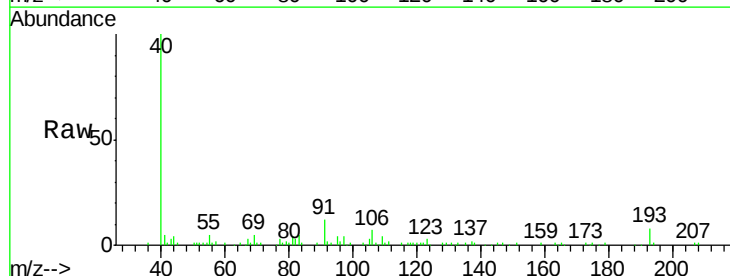


Time-->

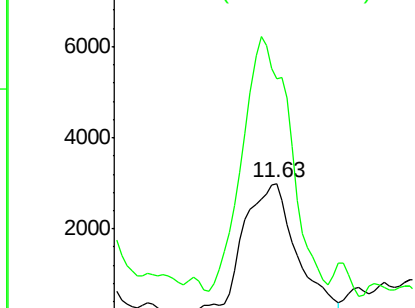


#68
m/p-Xylenes
Concen: 0.204 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN054449.D
Acq: 19 Mar 2019 19:18

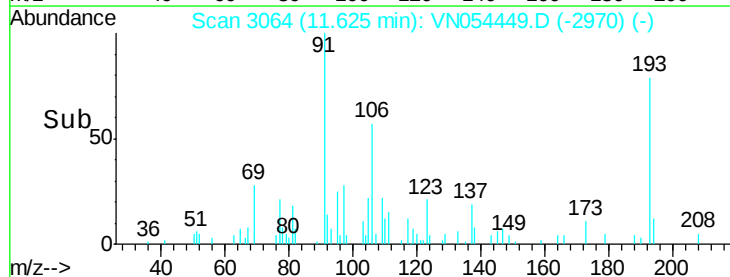
Tgt Ion:106 Resp: 7282
Ion Ratio Lower Upper
106 100
91 156.5 159.4 239.2#

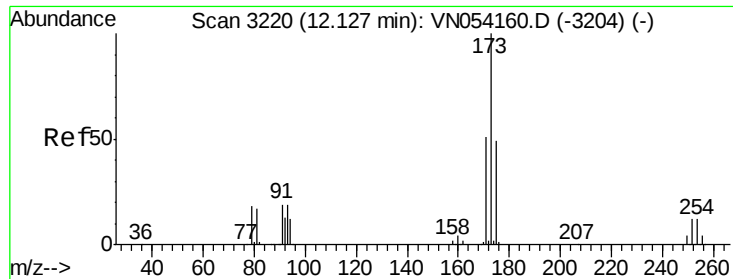


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0



Time-->





#71

Bromoform

Concen: 2.374 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN054449.D

Acq: 19 Mar 2019 19:18

Instrument :

MSVOA_N

ClientSampled :

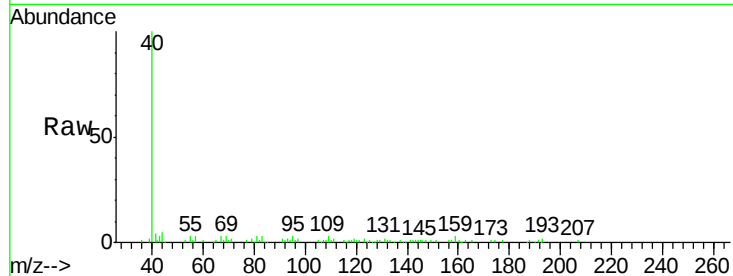
Tot Ion:173 Resp: 374

Ion Ratio Lower Upper

173 100

175 0.0 24.4 73.2#

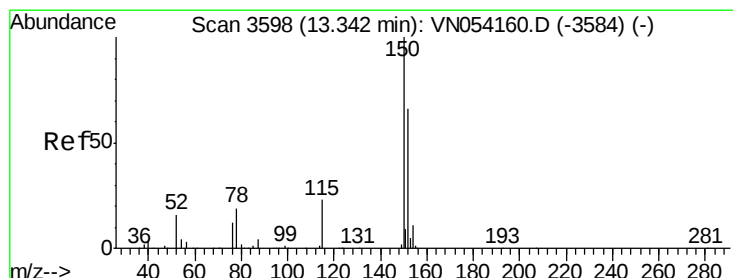
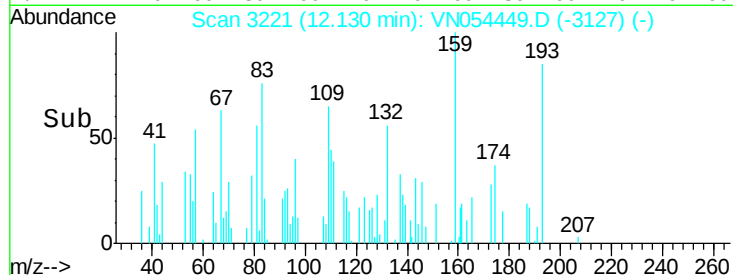
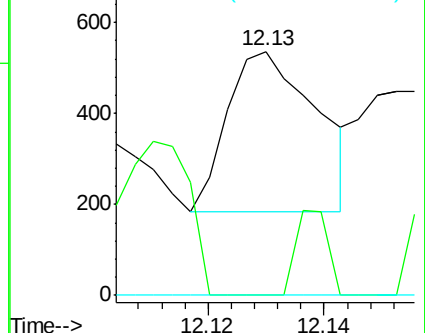
254 0.0 0.1 0.1#



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: VN054449.D

Acq: 19 Mar 2019 19:18

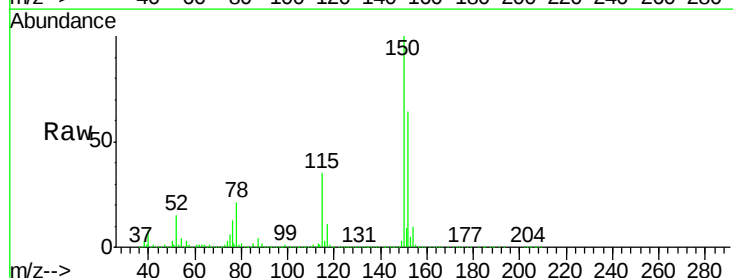
Tgt Ion:152 Resp: 982871

Ion Ratio Lower Upper

152 100

115 54.4 27.2 81.6

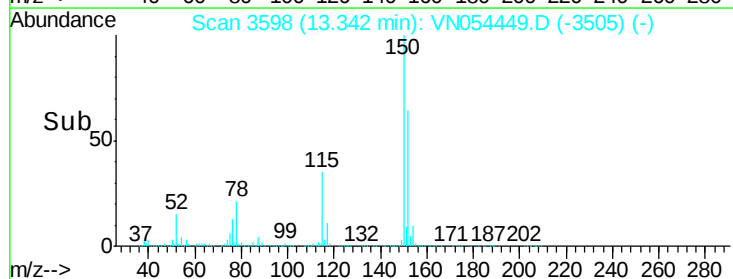
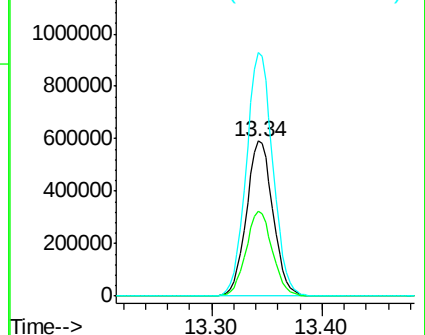
150 156.9 0.0 349.2

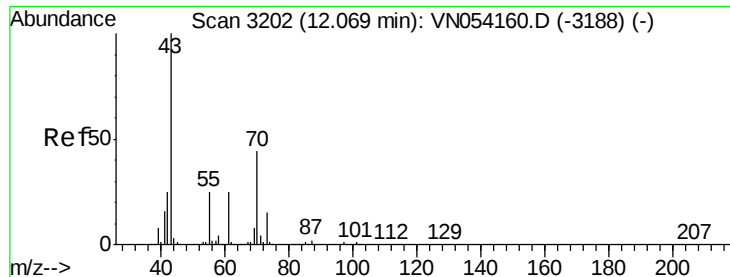


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.127 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054449.D

Acq: 19 Mar 2019 19:18

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 37121

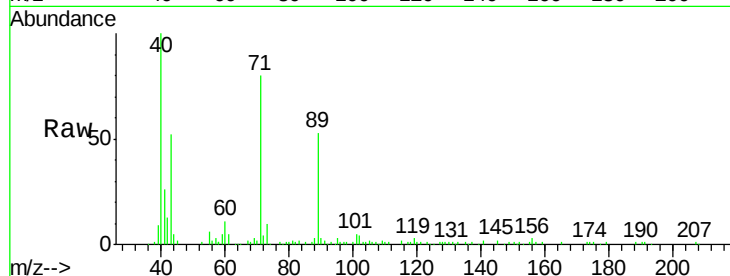
Ion Ratio Lower Upper

43 100

70 0.7 35.4 53.0#

55 6.3 19.8 29.6#

61 12.1 19.8 29.6#

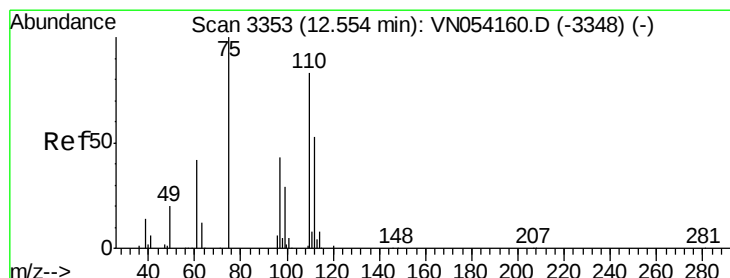
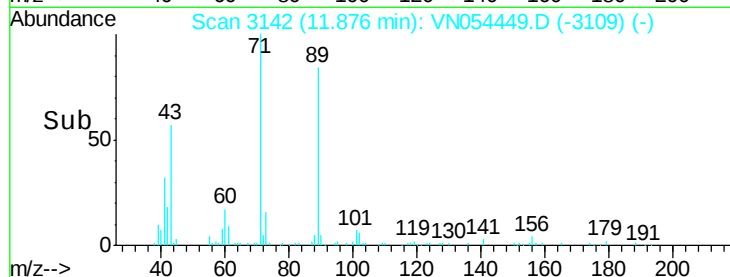
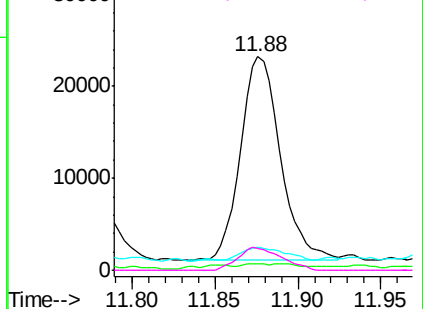


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 32.645 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054449.D

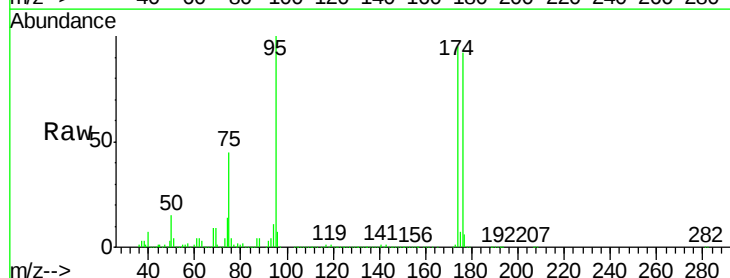
Acq: 19 Mar 2019 19:18

Tgt Ion: 75 Resp: 471842

Ion Ratio Lower Upper

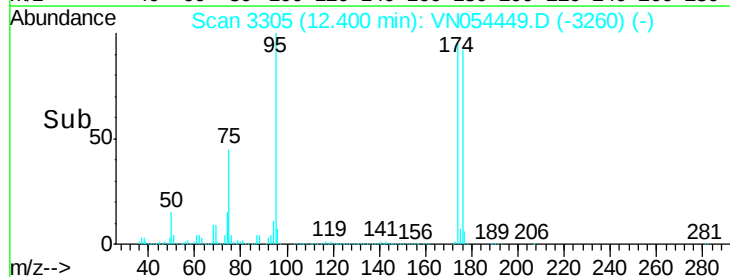
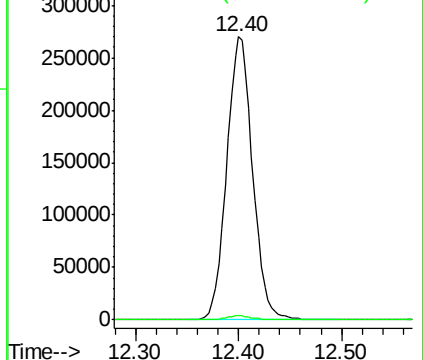
75 100

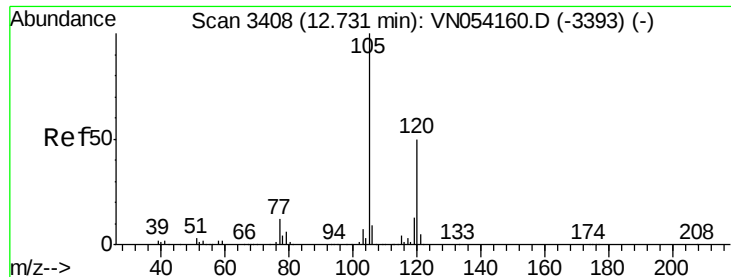
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.426 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054449.D

Acq: 19 Mar 2019 19:18

Instrument :

MSVOA_N

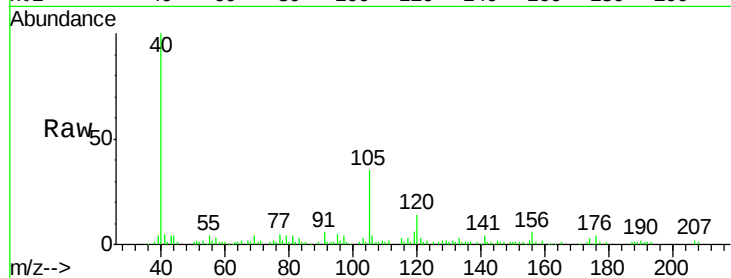
ClientSampleId :

Tot Ion:105 Resp: 27881

Ion Ratio Lower Upper

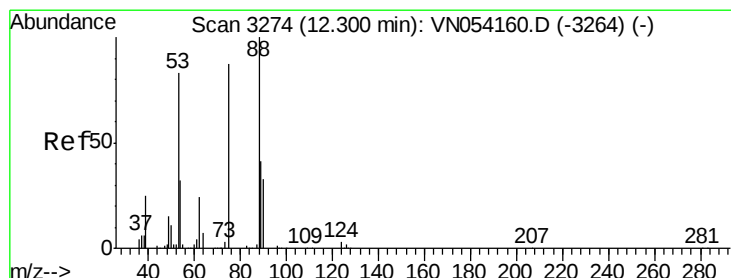
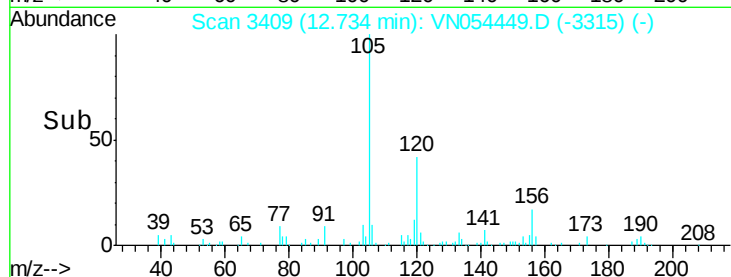
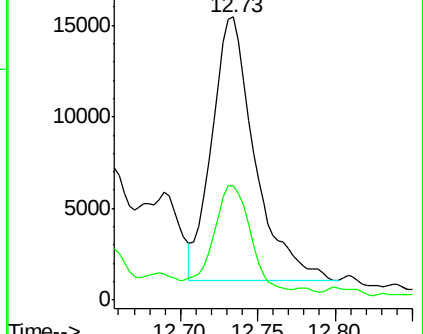
105 100

120 33.2 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 111.596 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054449.D

Acq: 19 Mar 2019 19:18

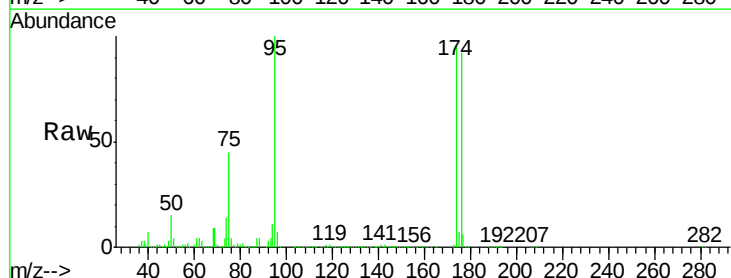
Tgt Ion: 75 Resp: 471842

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

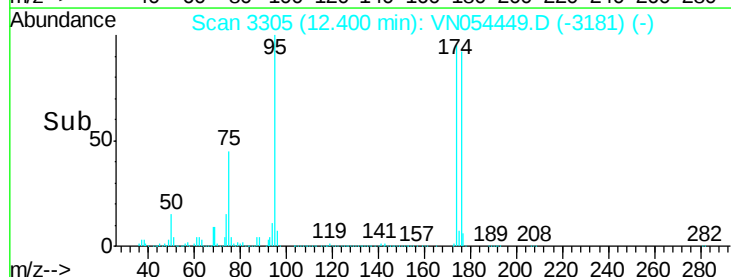
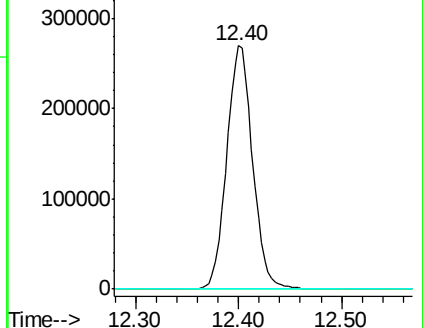
89 0.0 39.2 58.8#

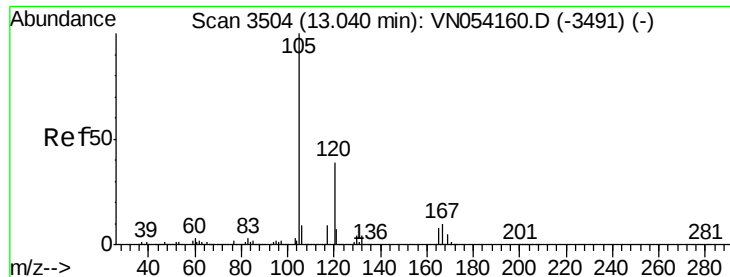


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.479 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054449.D

Acq: 19 Mar 2019 19:18

Instrument :

MSVOA_N

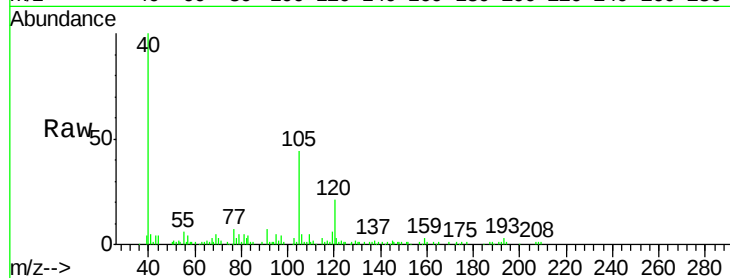
ClientSampleId :

Tot Ion:105 Resp: 30732

Ion Ratio Lower Upper

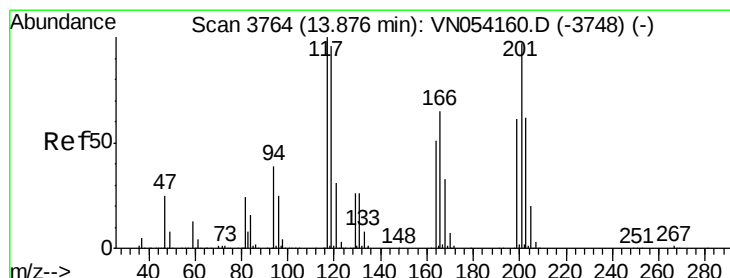
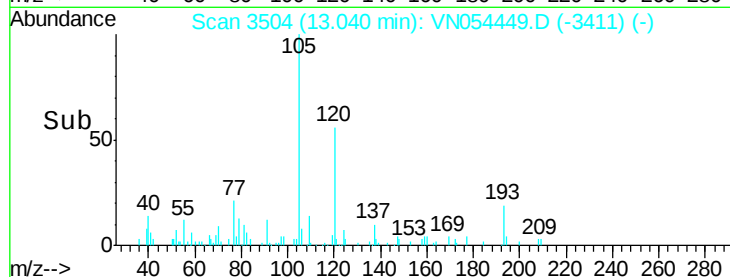
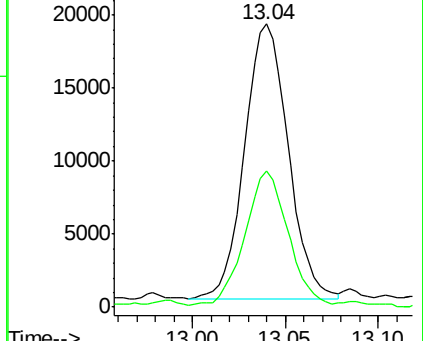
105 100

120 48.3 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#90

Hexachloroethane

Concen: 0.753 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN054449.D

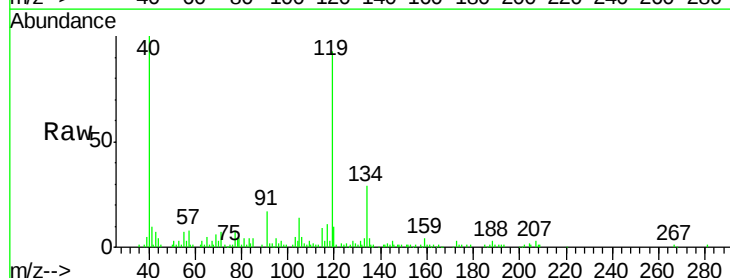
Acq: 19 Mar 2019 19:18

Tgt Ion:117 Resp: 8546

Ion Ratio Lower Upper

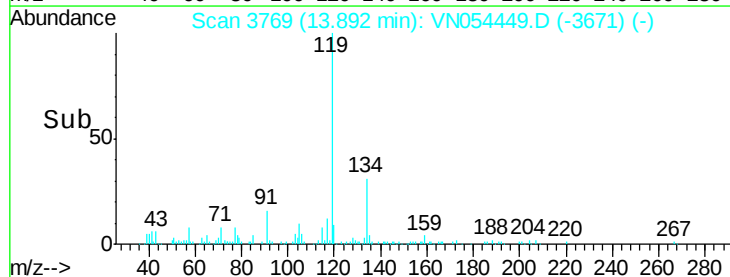
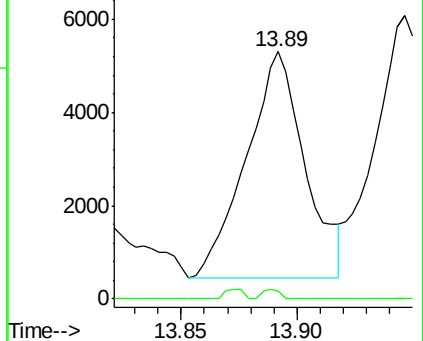
117 100

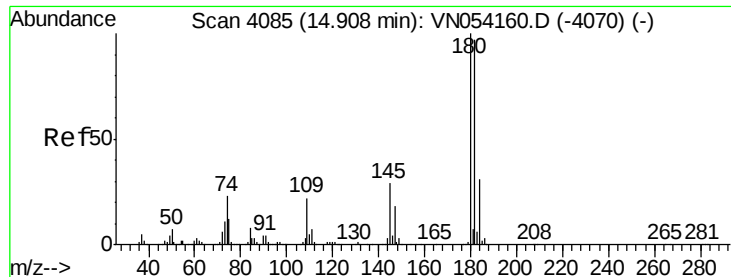
201 1.2 48.1 144.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

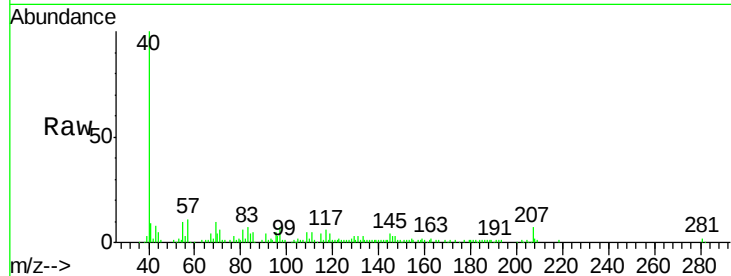




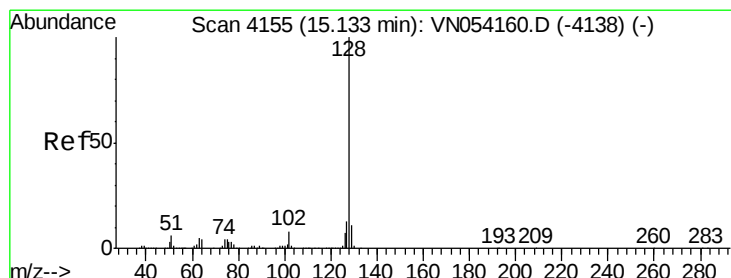
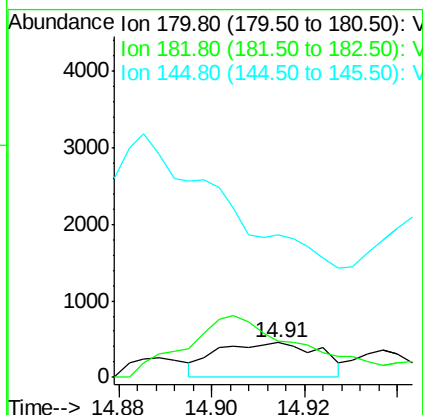
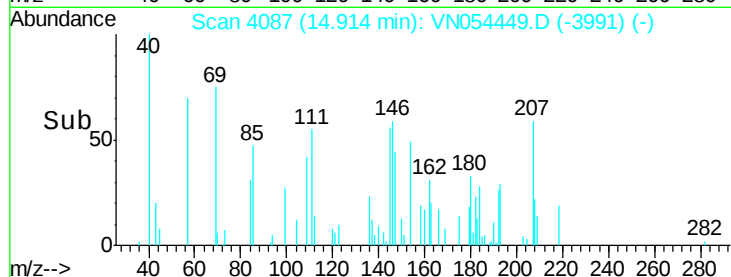
#93
 1,2,4-Trichlorobenzene
 Concen: 2.549 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN054449.D
 Acq: 19 Mar 2019 19:18

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 705
 Ion Ratio Lower Upper
 180 100
 182 198.7 48.0 144.2#
 145 0.0 14.2 42.8#

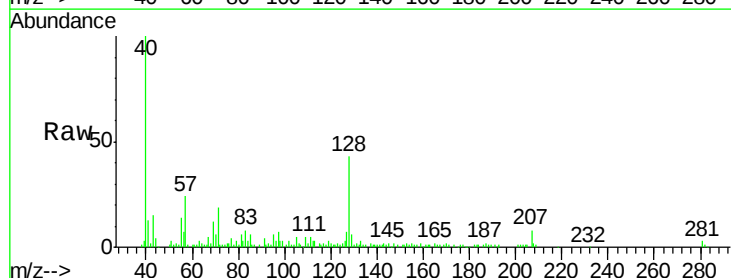


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 4.210 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN054449.D
 Acq: 19 Mar 2019 19:18

Tgt Ion:128 Resp: 34290
 Ion Ratio Lower Upper
 128 100
 127 16.7 10.1 15.1#
 129 11.3 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

