

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054360.D
 Acq On : 17 Mar 2019 2:48
 Operator : JC/SP
 Sample : K1691-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-031519-C

Quant Time: Mar 18 04:59:42 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	1775045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2631939	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2213005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	810930	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	918203	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	7.59	113	807426	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
50) Toluene-d8	10.09	98	3026204	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
62) 4-Bromofluorobenzene	12.40	95	903460	41.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.38%	

Target Compounds

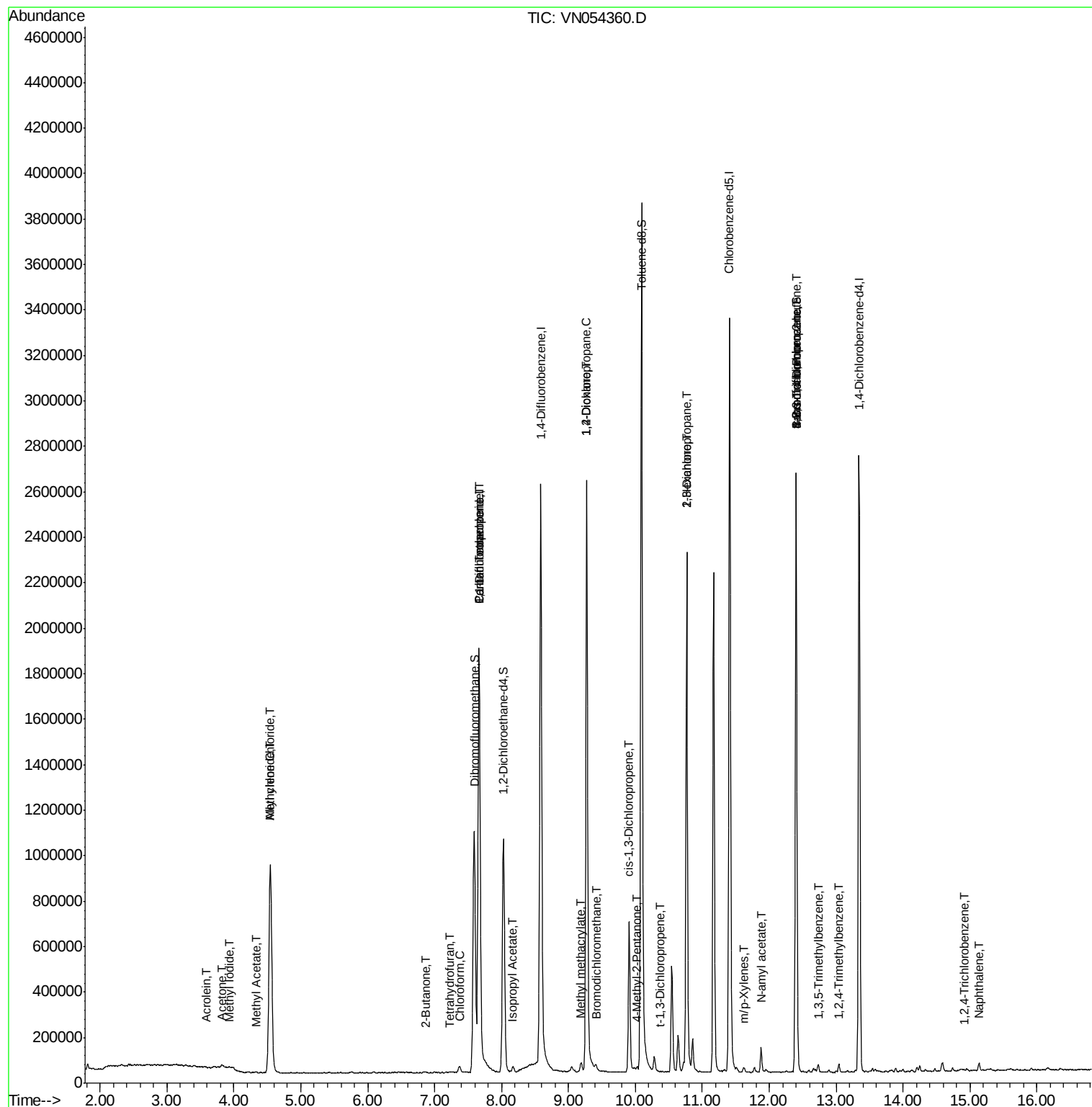
						Qvalue
10) Methyl Iodide	3.93	142	286	1.507	ug/l #	24
13) Acrolein	3.60	56	250	0.204	ug/l #	38
14) Allyl chloride	4.55	41	21644	0.915	ug/l #	23
16) Acetone	3.82	43	22287	4.129	ug/l	94
18) Methyl Acetate	4.34	43	3070	0.281	ug/l #	68
20) Methylene Chloride	4.55	84	728820	41.123	ug/l	98
25) 2-Butanone	6.86	43	1815	0.287	ug/l	95
29) Tetrahydrofuran	7.23	42	1072	0.263	ug/l #	73
30) Chloroform	7.37	83	29147	0.921	ug/l	97
31) Cyclohexane	7.67	56	27223	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	109976	4.537	ug/l #	48
38) Carbon Tetrachloride	7.67	117	147559	5.805	ug/l #	16
43) Isopropyl Acetate	8.18	43	27680	1.132	ug/l	97
45) 1,2-Dichloropropane	9.27	63	3769	0.219	ug/l #	43
47) Bromodichloromethane	9.40	83	8082	0.346	ug/l #	90
48) Methyl methacrylate	9.18	41	14169	1.142	ug/l #	11
49) 1,4-Dioxane	9.26	88	377	2.148	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	14701	1.136	ug/l #	36
53) t-1,3-Dichloropropene	10.38	75	226	1.994	ug/l #	42
54) cis-1,3-Dichloropropene	9.91	75	130344	4.795	ug/l #	64
57) 1,3-Dichloropropane	10.77	76	24881	0.948	ug/l #	43
59) 2-Hexanone	10.77	43	333321	38.722	ug/l #	51
68) m/p-Xylenes	11.62	106	6707	0.213	ug/l	95
71) Bromoform	12.40	173	5250	2.722	ug/l #	1
74) N-amyl acetate	11.88	43	31656	2.198	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	429512	36.018	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	16191	0.300	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	429512	123.124	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	20798	0.393	ug/l	99
93) 1,2,4-Trichlorobenzene	14.92	180	2122	2.635	ug/l #	90
95) Naphthalene	15.13	128	29789	4.249	ug/l	99

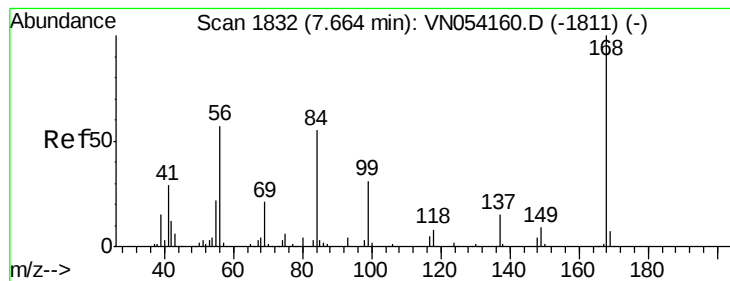
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
Data File : VN054360.D
Acq On : 17 Mar 2019 2:48
Operator : JC/SP
Sample : K1691-14
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-C

Quant Time: Mar 18 04:59:42 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054360.D

Acq: 17 Mar 2019 2:48

Instrument :

MSVOA_N

ClientSampleId :

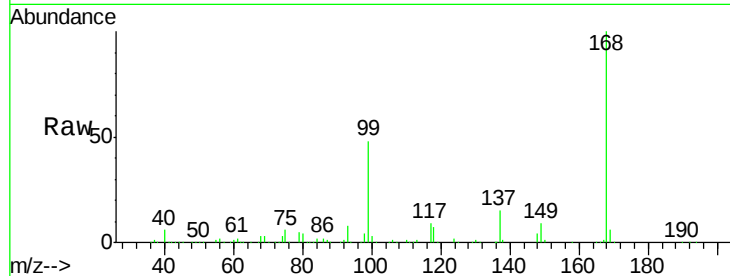
CL-01-031519-C

Tot Ion:168 Resp: 1775045

Ion Ratio Lower Upper

168 100

99 47.8 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

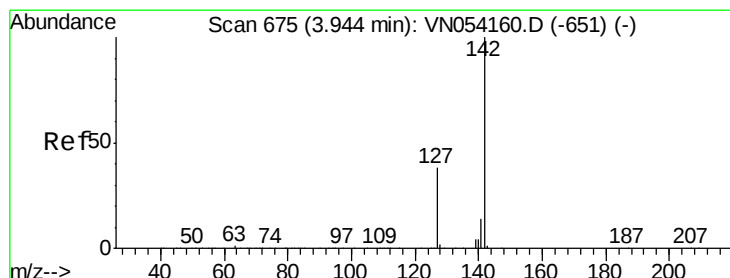
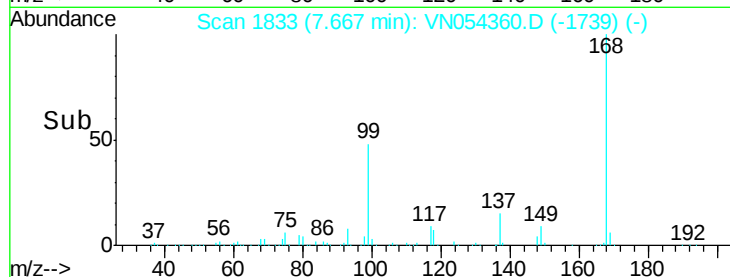
600000

400000

200000

0

Time-->



#10

Methyl Iodide

Concen: 1.507 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.02 min

Lab File: VN054360.D

Acq: 17 Mar 2019 2:48

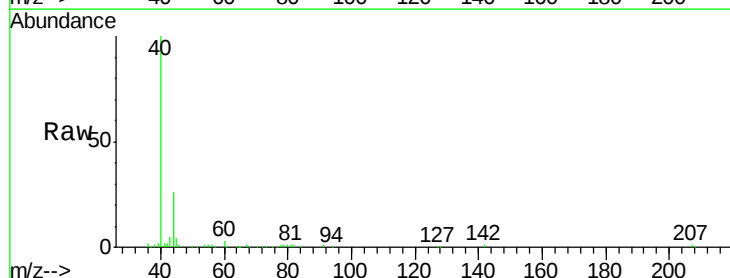
Tgt Ion:142 Resp: 286

Ion Ratio Lower Upper

142 100

127 96.2 30.3 45.5#

141 22.7 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

3.93

500

400

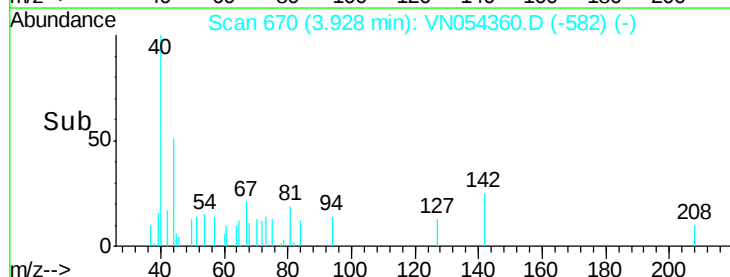
300

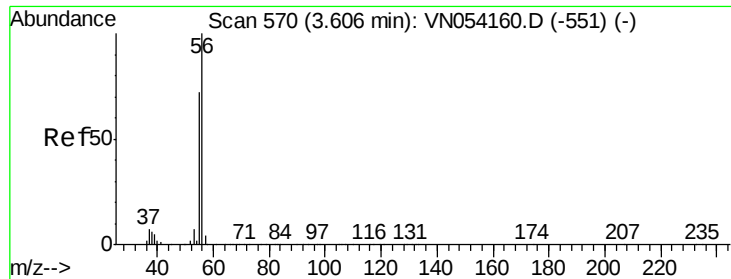
200

100

0

Time-->





#13

Acrolein

Concen: 0.204 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.01 min

Lab File: VN054360.D

Acq: 17 Mar 2019 2:48

Instrument :

MSVOA_N

ClientSampled :

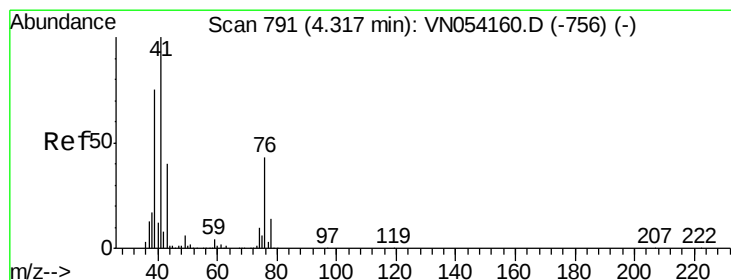
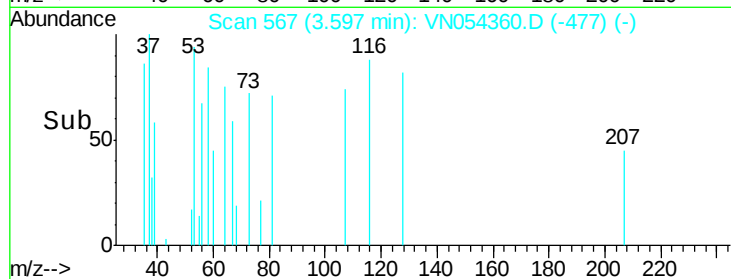
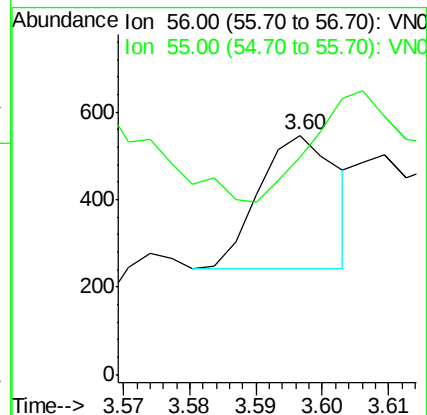
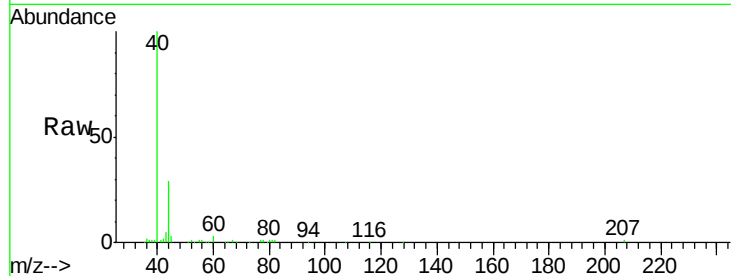
CL-01-031519-C

Tot Ion: 56 Resp: 250

Ion Ratio Lower Upper

56 100

55 122.0 56.7 85.1#



#14

Allyl chloride

Concen: 0.915 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.23 min

Lab File: VN054360.D

Acq: 17 Mar 2019 2:48

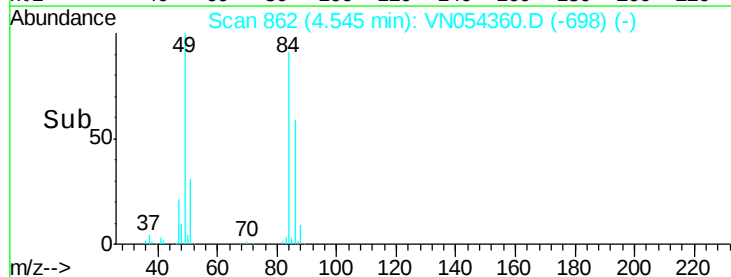
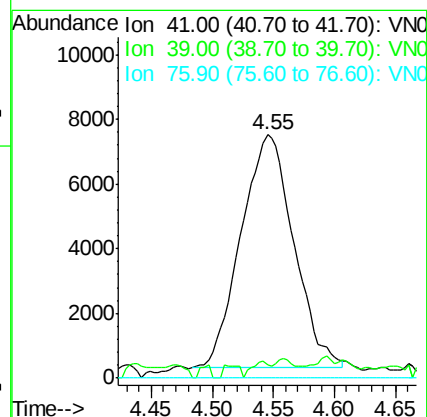
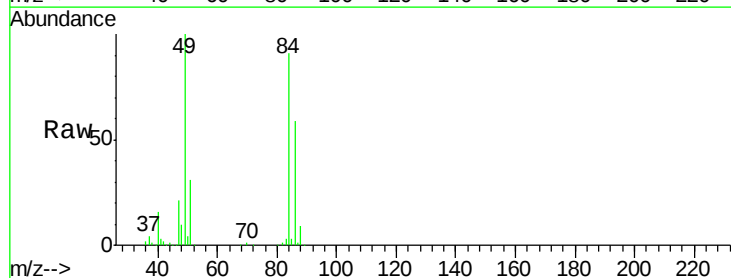
Tgt Ion: 41 Resp: 21644

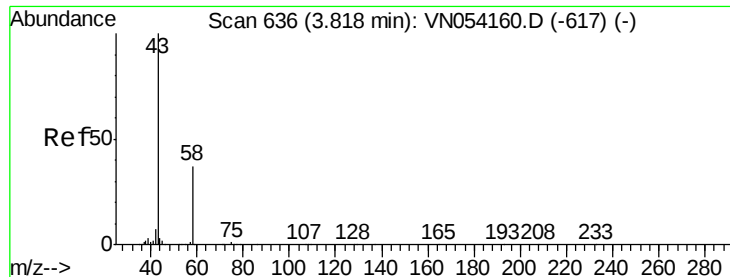
Ion Ratio Lower Upper

41 100

39 2.5 58.2 87.4#

76 0.0 31.7 47.5#





#16

Acetone

Concen: 4.129 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054360.D

Acq: 17 Mar 2019 2:48

Instrument :

MSVOA_N

ClientSampleId :

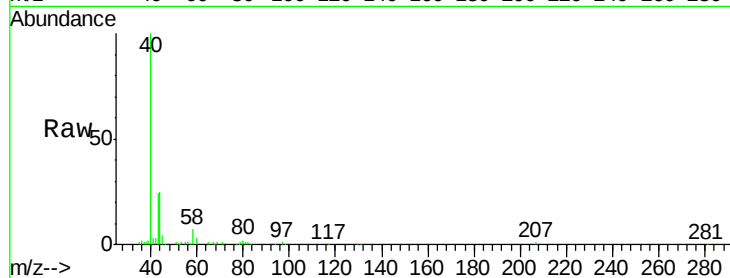
CL-01-031519-C

Tot Ion: 43 Resp: 22287

Ion Ratio Lower Upper

43 100

58 33.8 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

10000

8000

6000

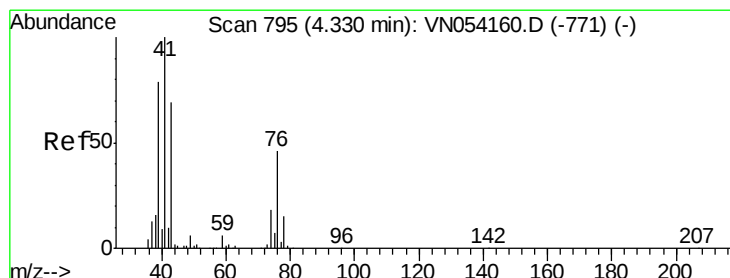
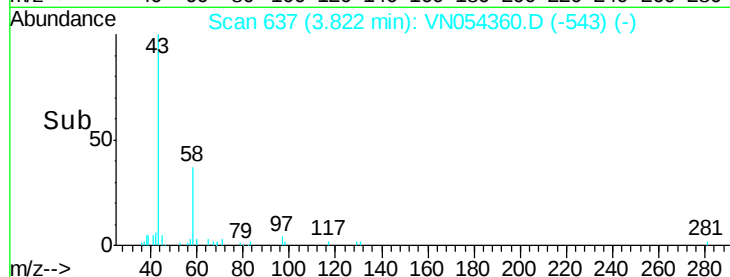
4000

2000

0

Time-->

3.75 3.80 3.85 3.90



#18

Methyl Acetate

Concen: 0.281 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN054360.D

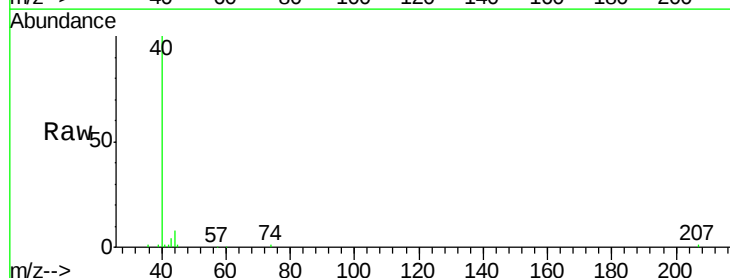
Acq: 17 Mar 2019 2:48

Tgt Ion: 43 Resp: 3070

Ion Ratio Lower Upper

43 100

74 9.9 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.34

2000

1500

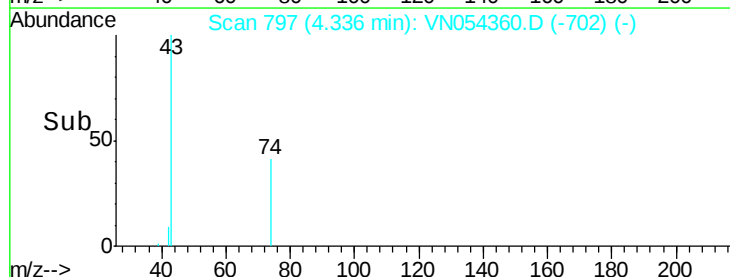
1000

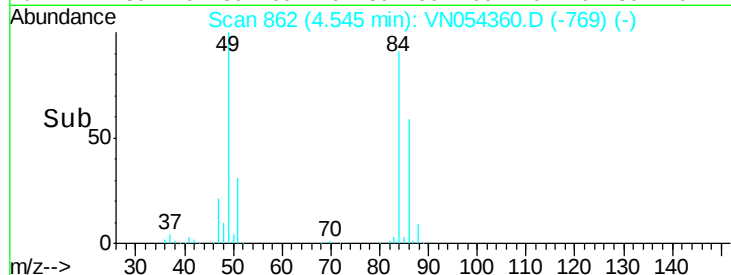
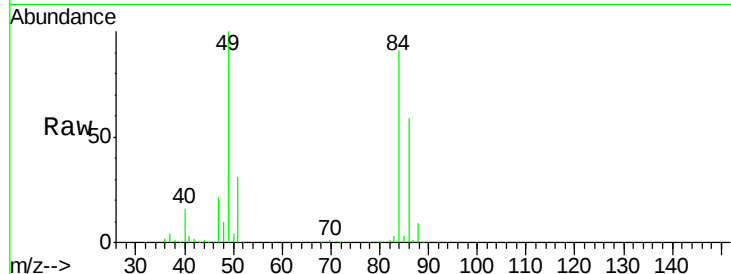
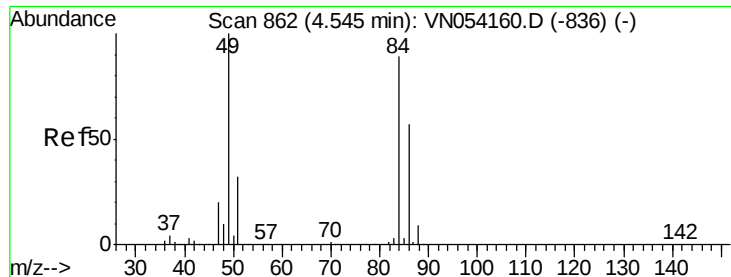
500

0

Time-->

4.30 4.35

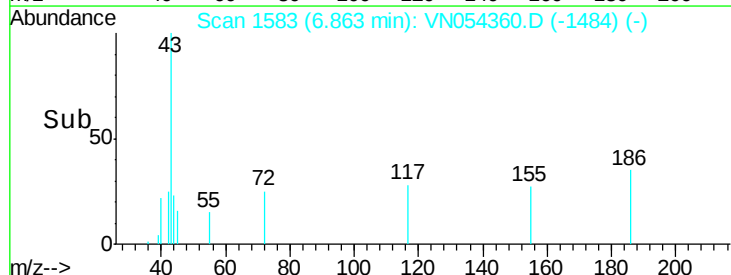
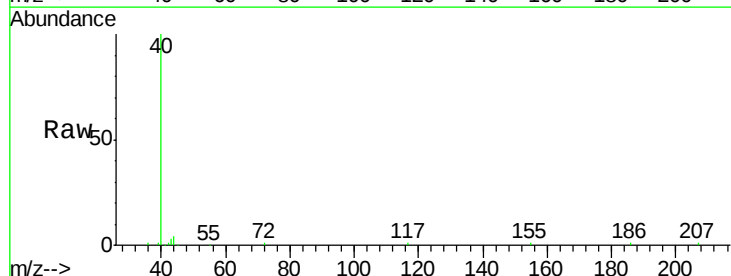
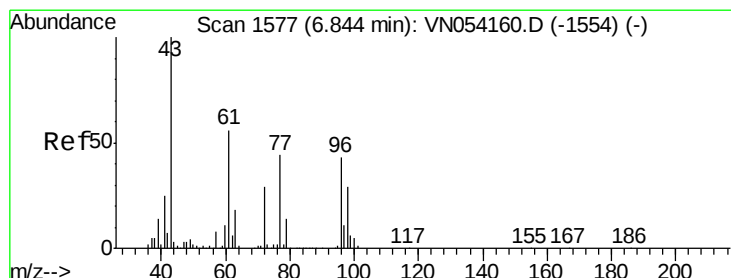
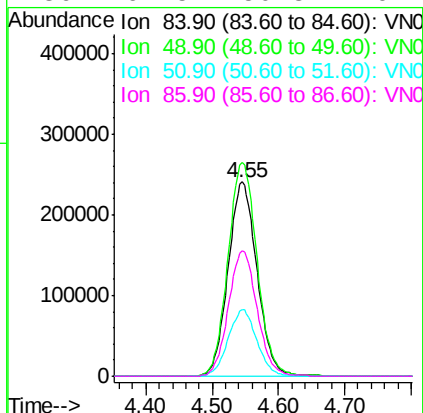




#20
Methvlene Chloride
Concen: 41.123 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054360.D
Acq: 17 Mar 2019 2:48

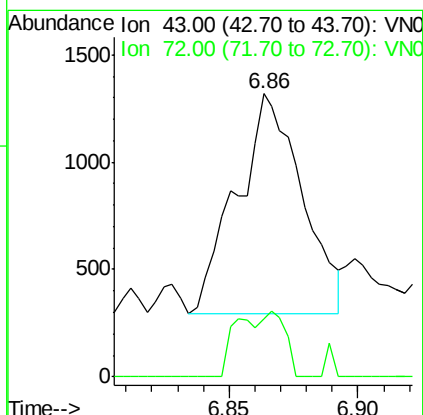
Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-C

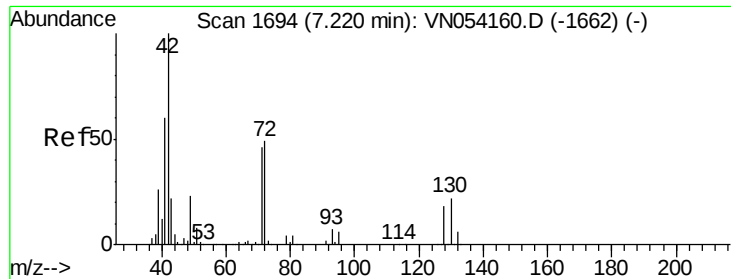
Tot Ion: 84 Resp: 728820
Ion Ratio Lower Upper
84 100
49 109.8 89.7 134.5
51 34.3 28.2 42.4
86 64.5 50.8 76.2



#25
2-Butanone
Concen: 0.287 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. 0.02 min
Lab File: VN054360.D
Acq: 17 Mar 2019 2:48

Tgt Ion: 43 Resp: 1815
Ion Ratio Lower Upper
43 100
72 26.2 23.0 34.6





#29

Tetrahydrofuran

Concen: 0.263 ug/l

RT: 7.23 min Scan# 1698

Delta R.T. 0.01 min

Lab File: VN054360.D

Acq: 17 Mar 2019 2:48

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-C

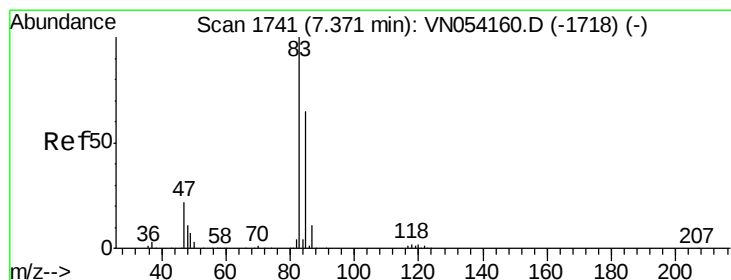
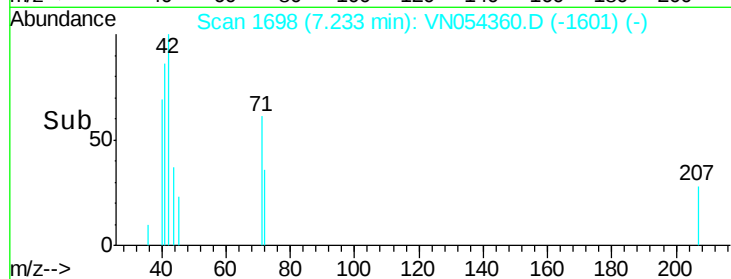
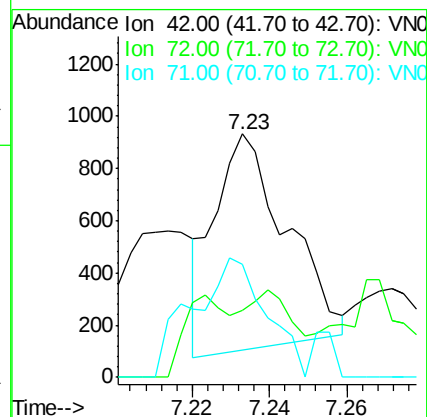
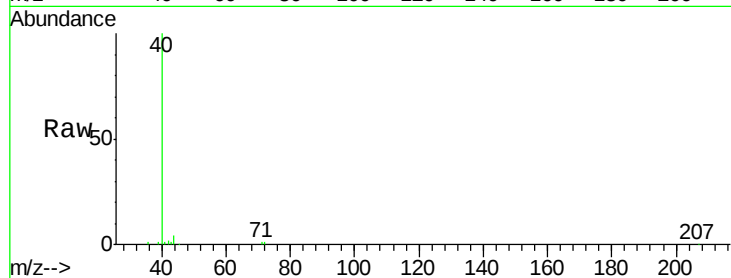
Tot Ion: 42 Resp: 1072

Ion Ratio Lower Upper

42 100

72 22.8 37.8 56.6#

71 56.6 36.2 54.2#



#30

Chloroform

Concen: 0.921 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN054360.D

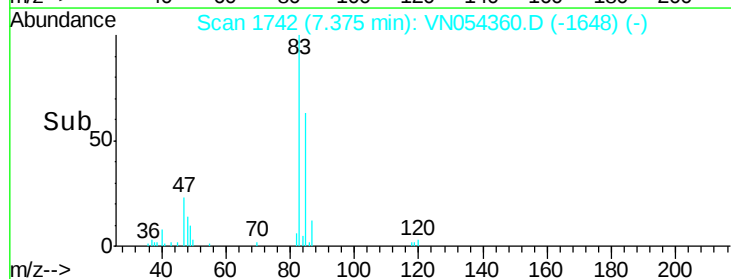
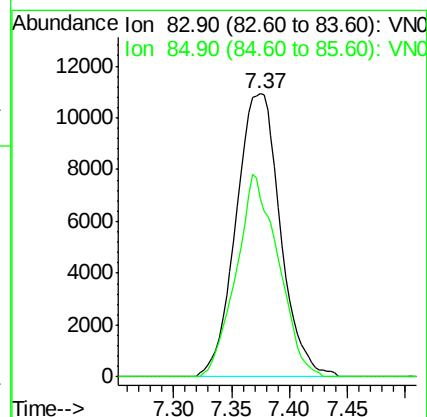
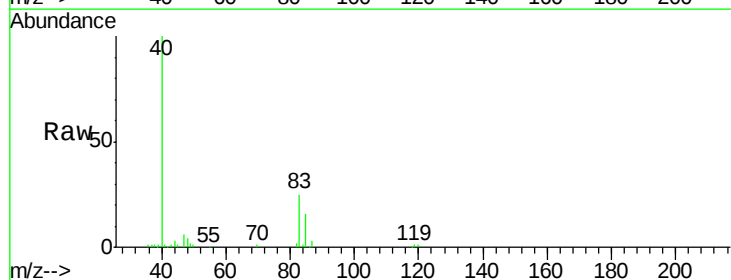
Acq: 17 Mar 2019 2:48

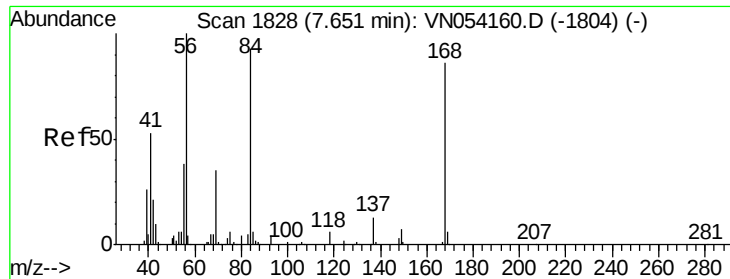
Tgt Ion: 83 Resp: 29147

Ion Ratio Lower Upper

83 100

85 62.9 52.2 78.4





#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN054360.D

Acq: 17 Mar 2019 2:48

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-C

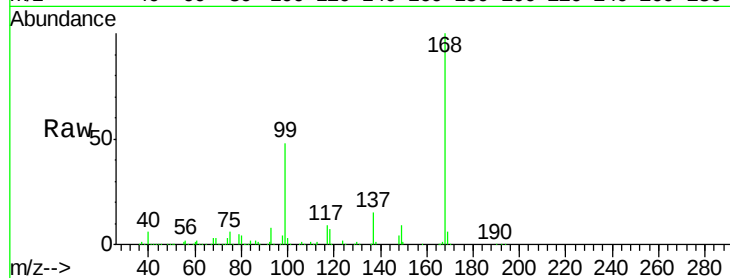
Tot Ion: 56 Resp: 27223

Ion Ratio Lower Upper

56 100

69 190.8 27.8 41.6#

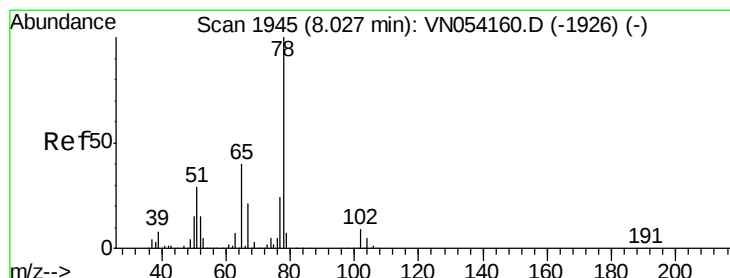
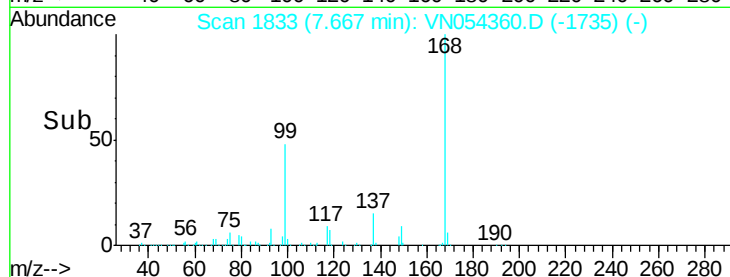
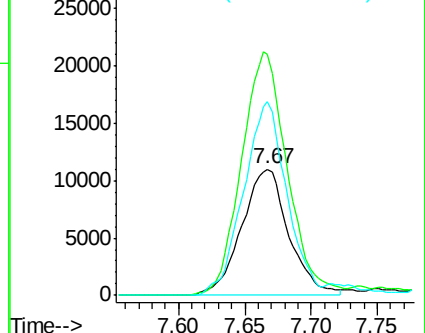
84 153.3 74.6 111.8#



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: 48.708 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054360.D

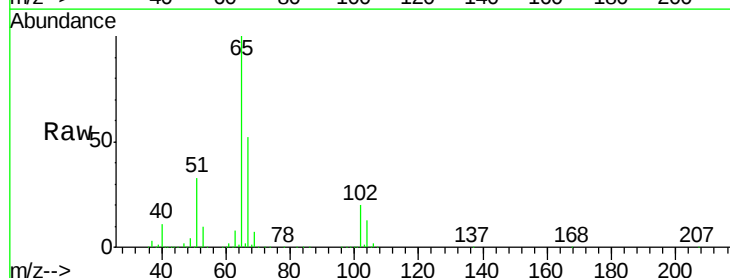
Acq: 17 Mar 2019 2:48

Tgt Ion: 65 Resp: 918203

Ion Ratio Lower Upper

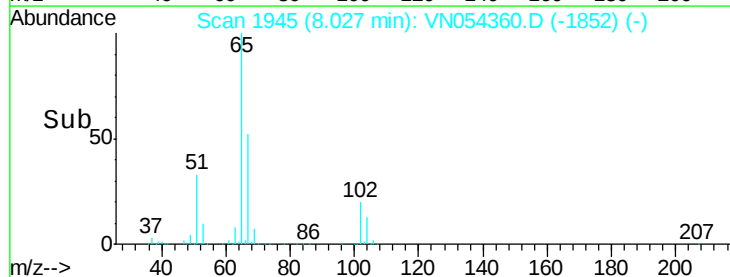
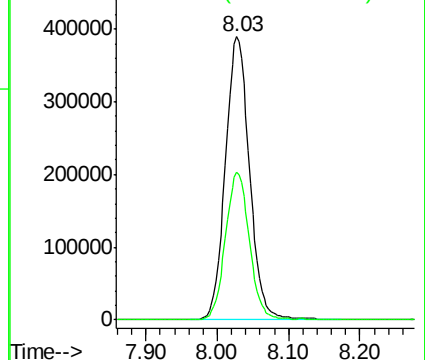
65 100

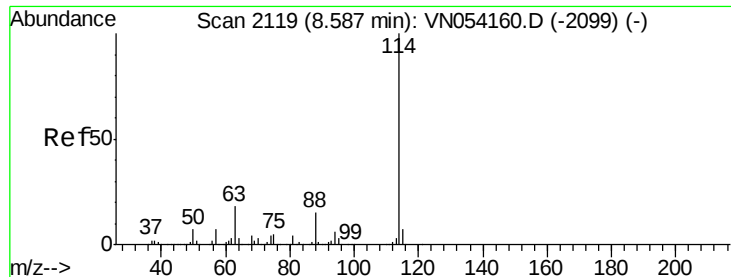
67 51.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

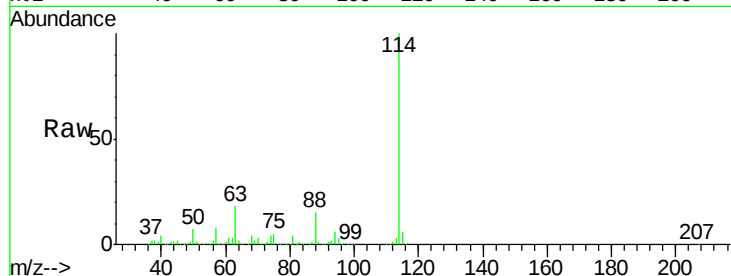




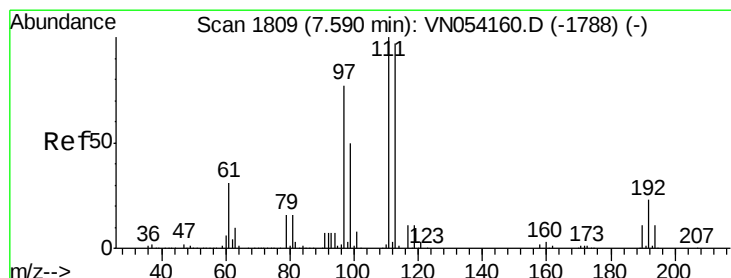
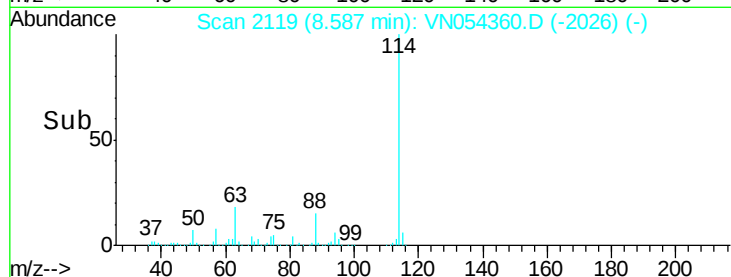
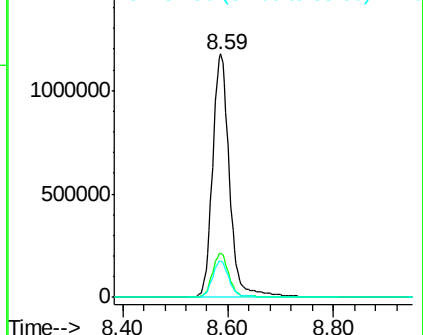
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054360.D
 Acq: 17 Mar 2019 2:48

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-031519-C

Tot Ion:114 Resp: 2631939
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.2
 88 14.9 0.0 30.2

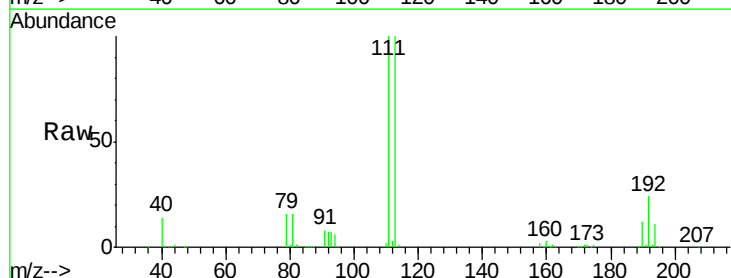


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

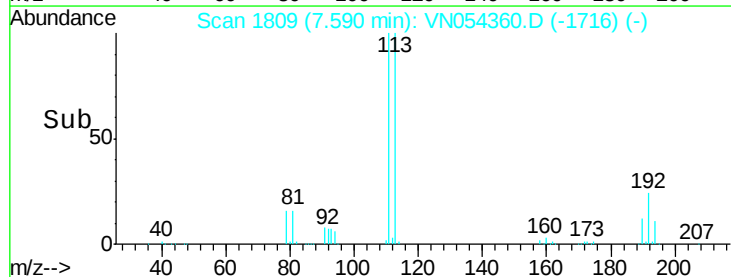
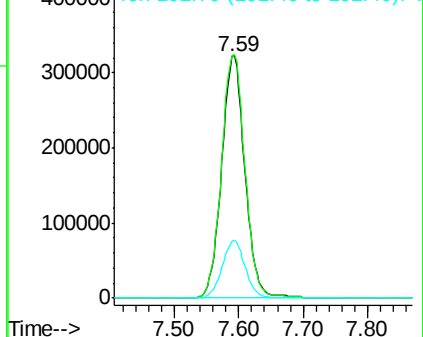


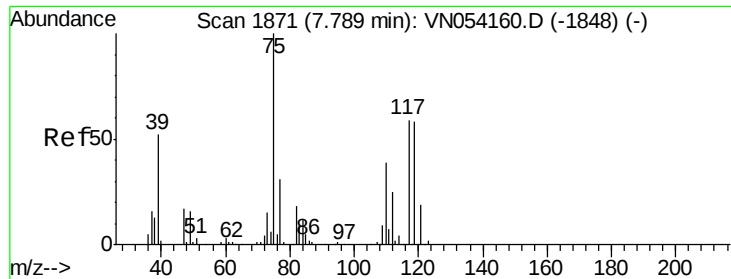
#35
 Dibromofluoromethane
 Concen: 47.566 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054360.D
 Acq: 17 Mar 2019 2:48

Tgt Ion:113 Resp: 807426
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.4
 192 23.5 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: 4.537 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054360.D

Acq: 17 Mar 2019 2:48

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-C

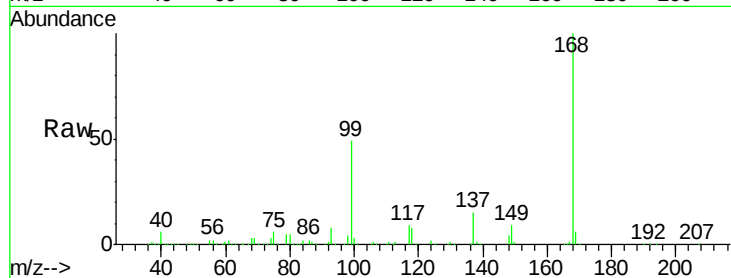
Tot Ion: 75 Resp: 109976

Ion Ratio Lower Upper

75 100

110 8.6 19.1 57.5#

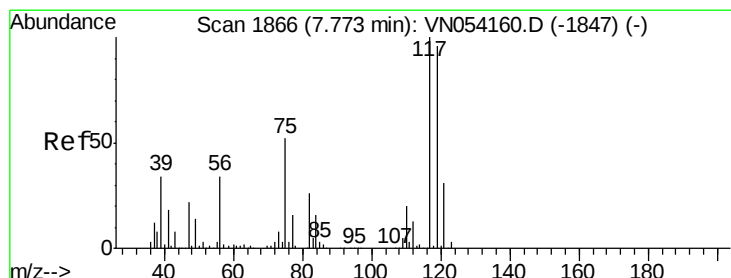
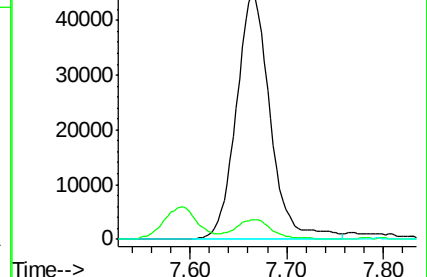
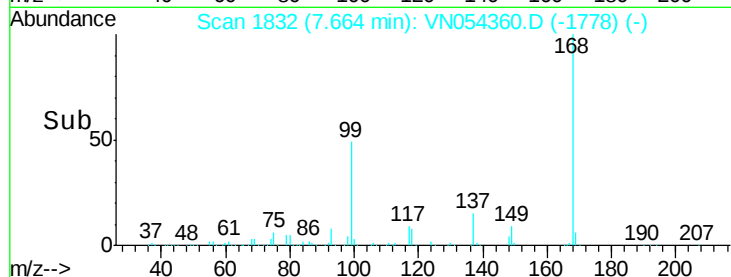
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN054360.D (-1778) (-)

Ion 109.90 (109.60 to 110.60): VN054360.D (-1778) (-)

Ion 76.90 (76.60 to 77.60): VN054360.D (-1778) (-)



#38

Carbon Tetrachloride

Concen: 5.805 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054360.D

Acq: 17 Mar 2019 2:48

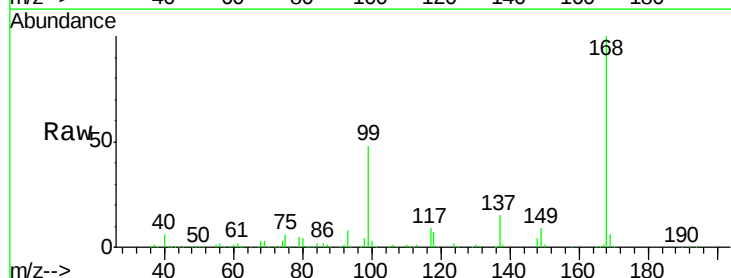
Tgt Ion: 117 Resp: 147559

Ion Ratio Lower Upper

117 100

119 4.3 76.3 114.5#

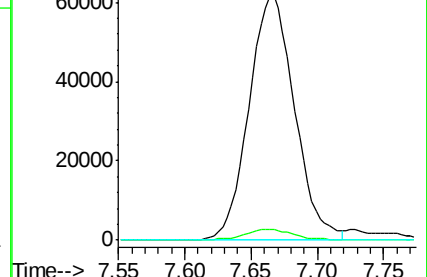
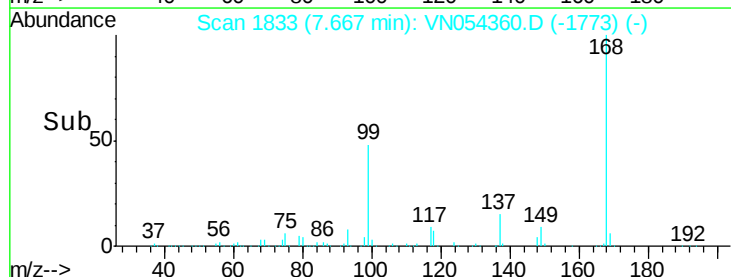
121 0.0 24.6 36.8#

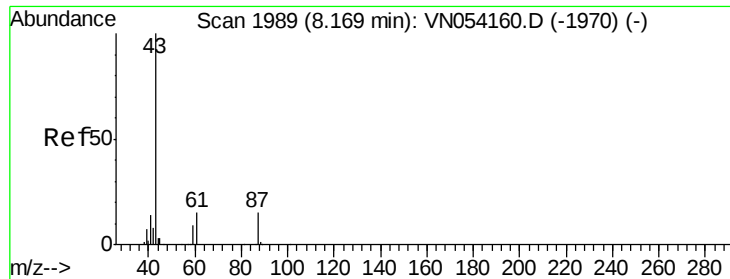


Abundance Ion 116.80 (116.50 to 117.50): VN054360.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN054360.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN054360.D (-1773) (-)





#43

Isopropyl Acetate

Concen: 1.132 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054360.D

Acq: 17 Mar 2019 2:48

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-C

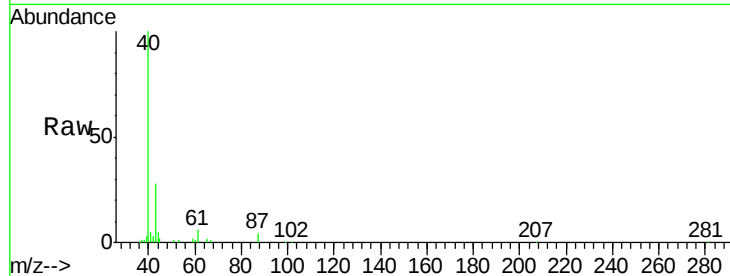
Tot Ion: 43 Resp: 27680

Ion Ratio Lower Upper

43 100

61 22.1 15.8 23.8

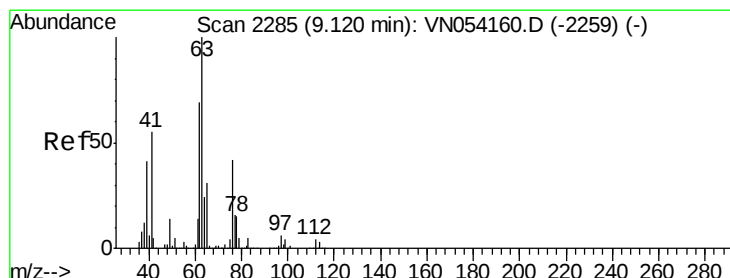
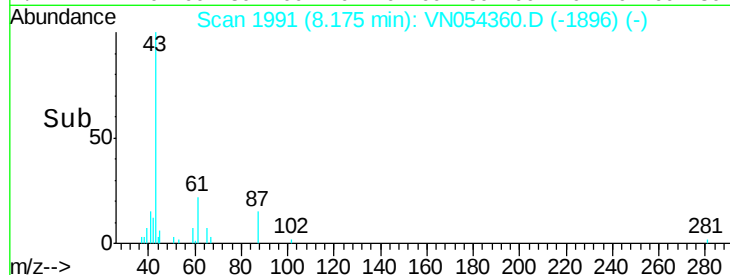
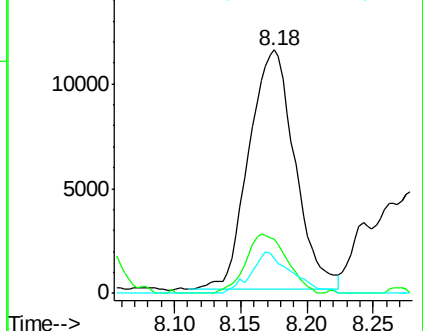
87 15.2 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.219 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN054360.D

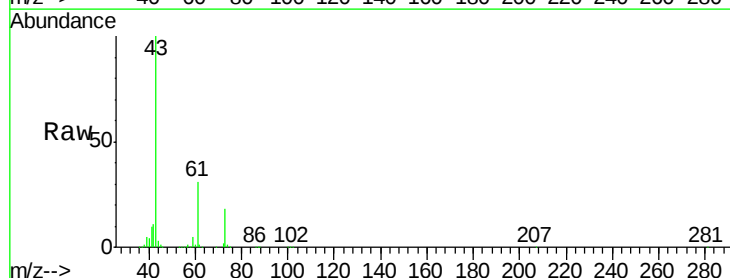
Acq: 17 Mar 2019 2:48

Tgt Ion: 63 Resp: 3769

Ion Ratio Lower Upper

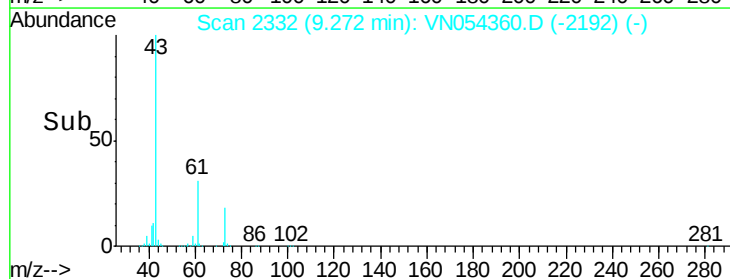
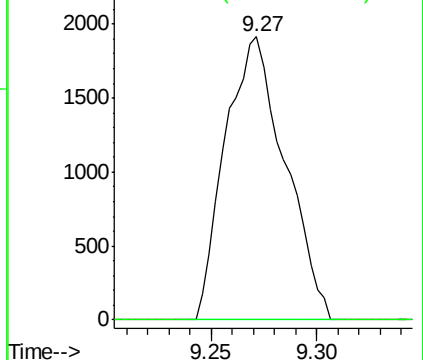
63 100

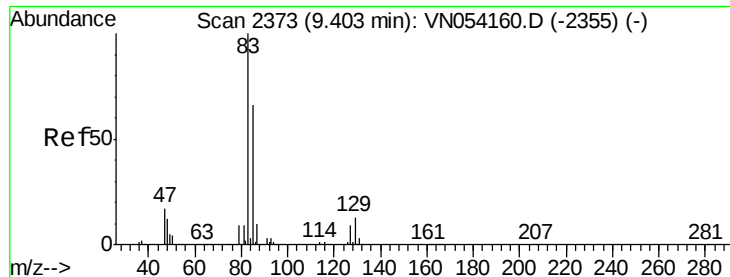
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#47

Bromodichloromethane

Concen: 0.346 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN054360.D

Acq: 17 Mar 2019 2:48

Instrument :

MSVOA_N

ClientSampled :

CL-01-031519-C

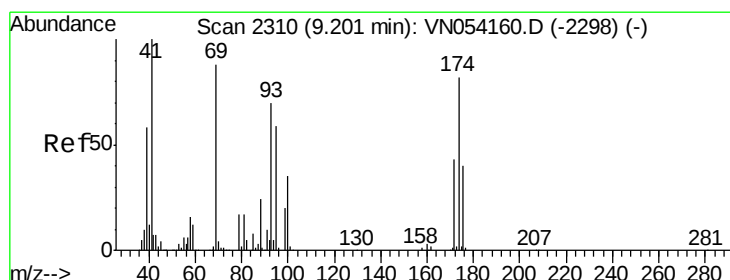
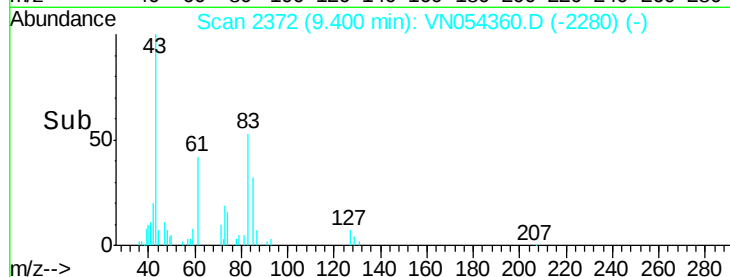
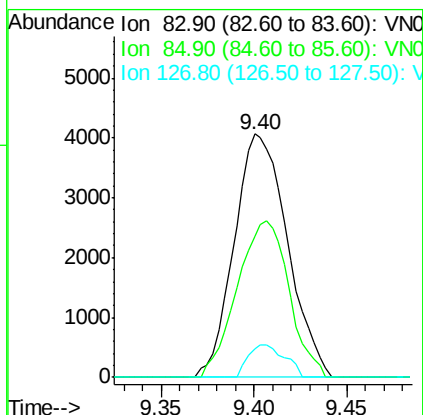
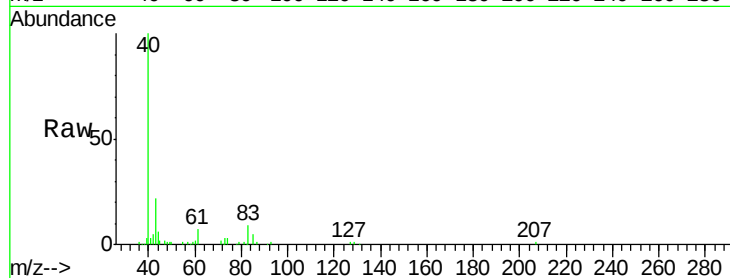
Tot Ion: 83 Resp: 8082

Ion Ratio Lower Upper

83 100

85 57.9 52.8 79.2

127 11.7 7.4 11.2#



#48

Methyl methacrylate

Concen: 1.142 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN054360.D

Acq: 17 Mar 2019 2:48

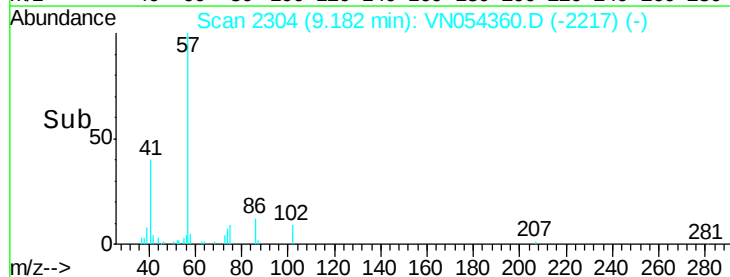
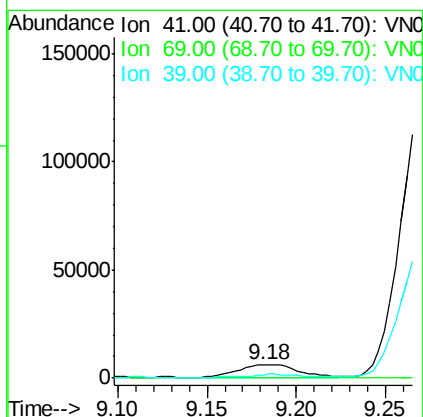
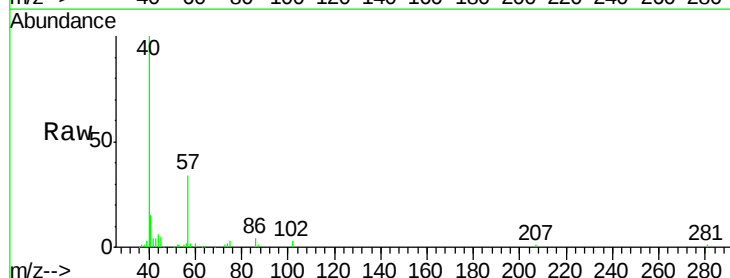
Tgt Ion: 41 Resp: 14169

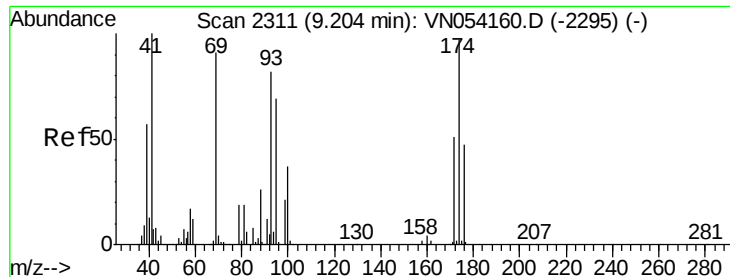
Ion Ratio Lower Upper

41 100

69 0.0 72.6 108.8#

39 0.0 47.5 71.3#





#49

1,4-Dioxane

Concen: 2.148 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.06 min

Lab File: VN054360.D

Acq: 17 Mar 2019 2:48

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-C

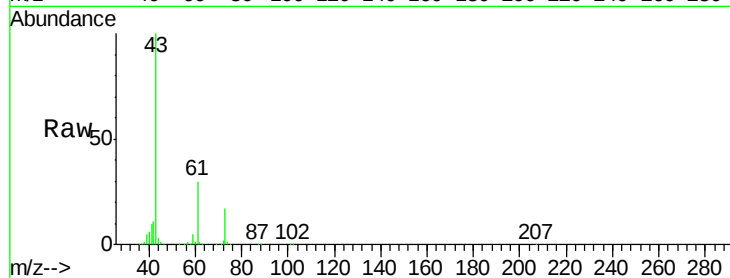
Tot Ion: 88 Resp: 377

Ion Ratio Lower Upper

88 100

43 702189.7 24.1 36.1#

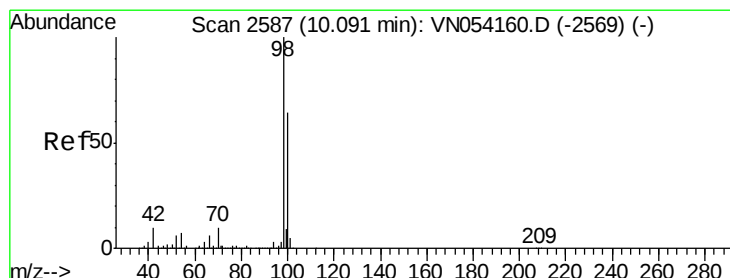
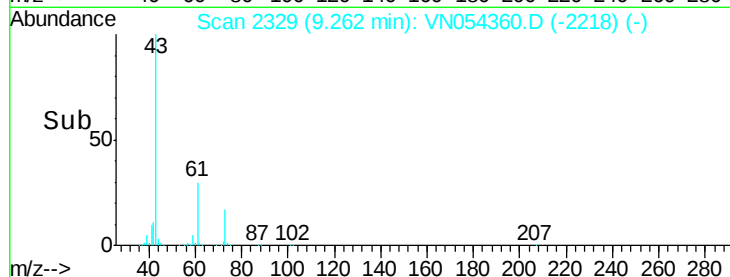
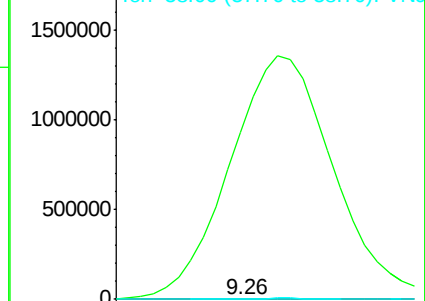
58 3379.3 50.8 76.2#



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: 48.272 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054360.D

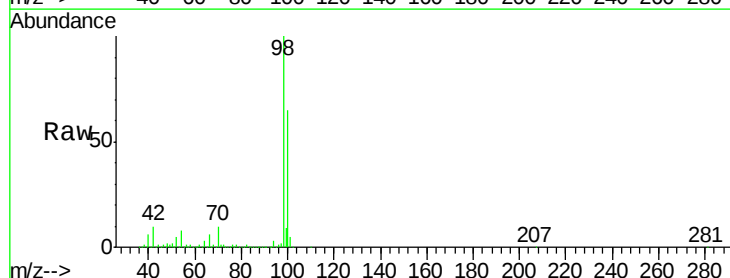
Acq: 17 Mar 2019 2:48

Tgt Ion: 98 Resp: 3026204

Ion Ratio Lower Upper

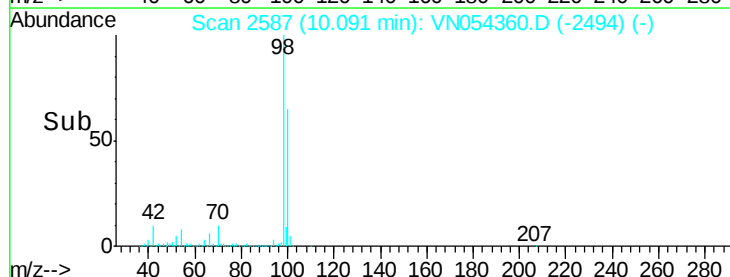
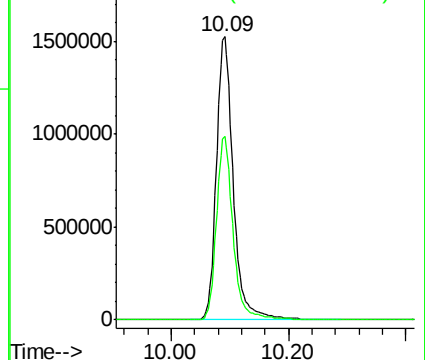
98 100

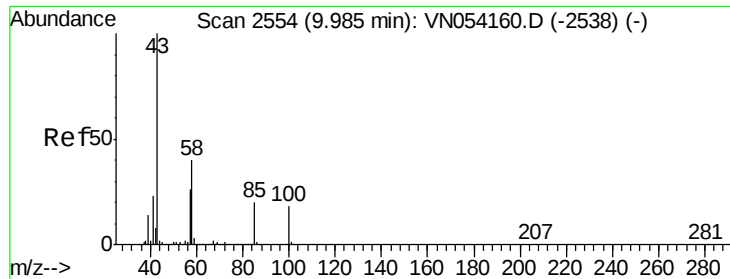
100 63.8 51.2 76.8



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: 1.136 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054360.D

Acq: 17 Mar 2019 2:48

Instrument :

MSVOA_N

ClientSampleId :

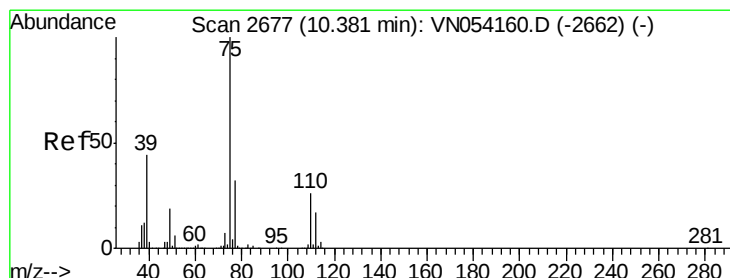
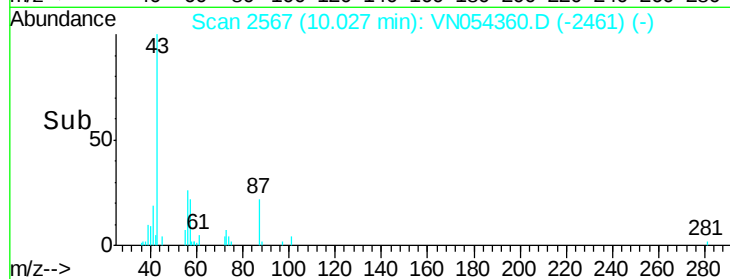
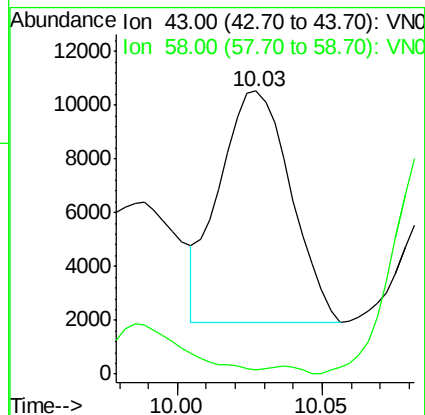
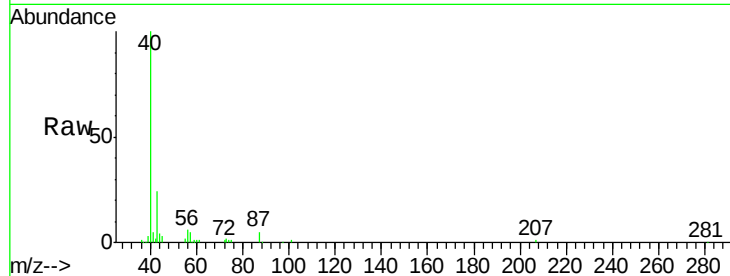
CL-01-031519-C

Tot Ion: 43 Resp: 14701

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#



#53

t-1,3-Dichloropropene

Concen: 1.994 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054360.D

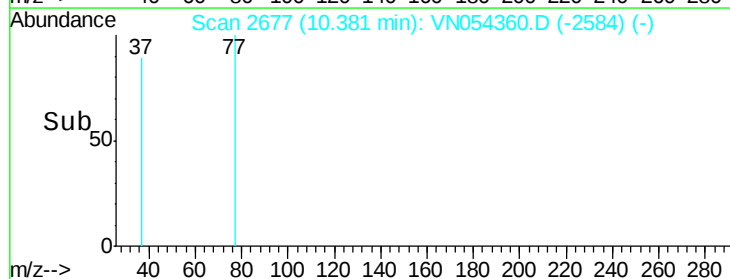
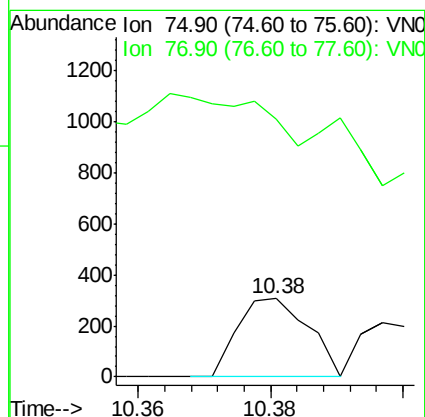
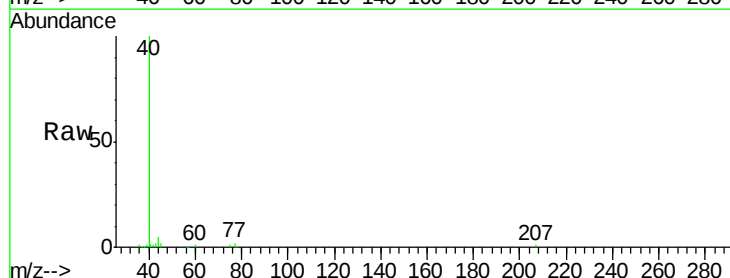
Acq: 17 Mar 2019 2:48

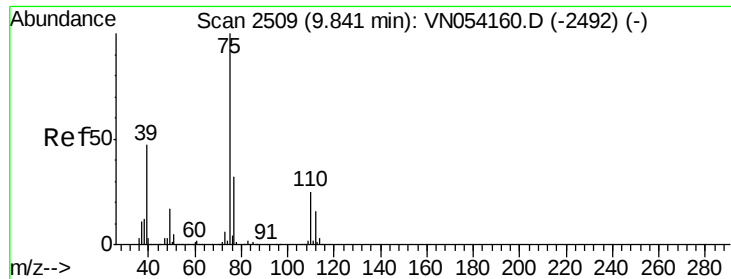
Tgt Ion: 75 Resp: 226

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#



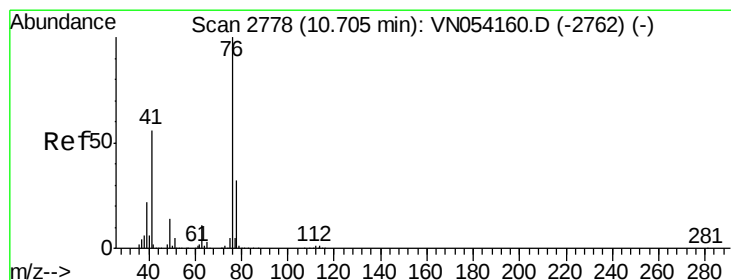
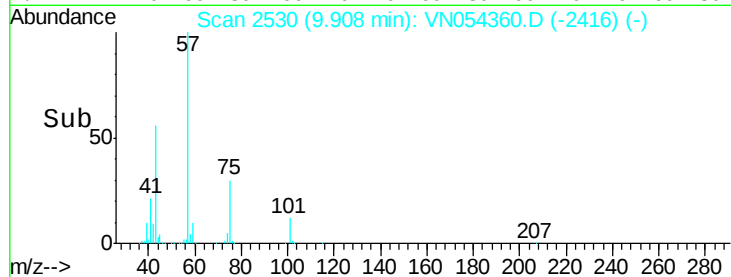
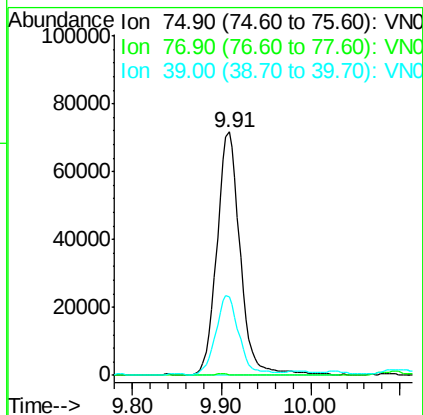
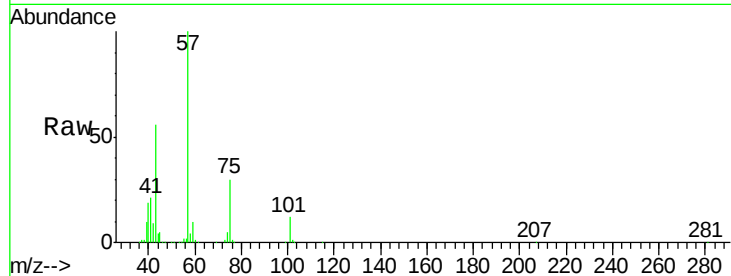


#54

cis-1,3-Dichloropropene
 Concen: 4.795 ug/l
 RT: 9.91 min Scan# 2530
 Delta R.T. 0.07 min
 Lab File: VN054360.D
 Acq: 17 Mar 2019 2:48

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-031519-C

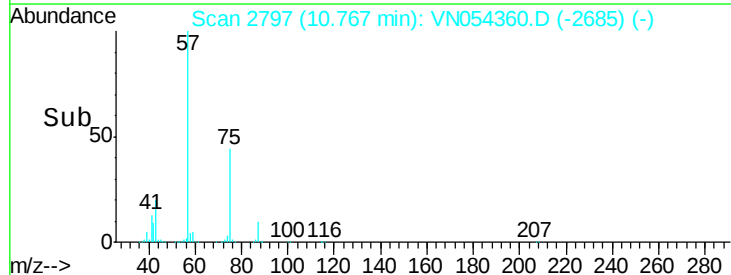
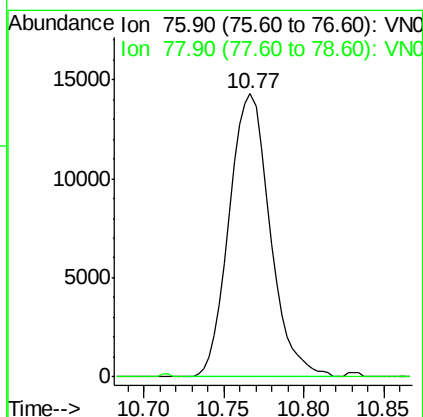
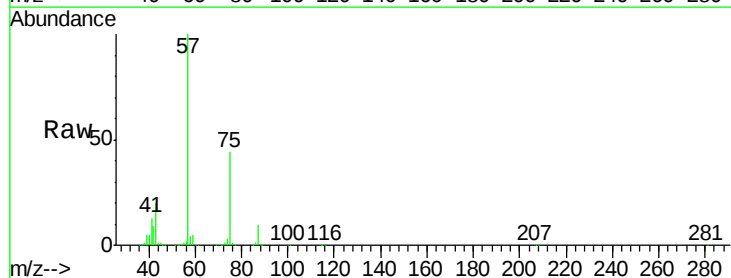
Tot Ion: 75 Resp: 130344
 Ion Ratio Lower Upper
 75 100
 77 0.3 25.4 38.0#
 39 32.3 37.2 55.8#

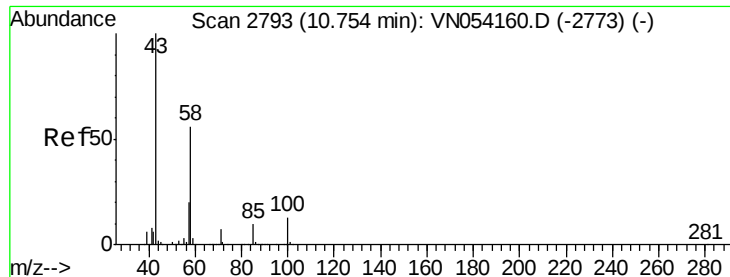


#57

1,3-Dichloropropane
 Concen: 0.948 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN054360.D
 Acq: 17 Mar 2019 2:48

Tgt Ion: 76 Resp: 24881
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#

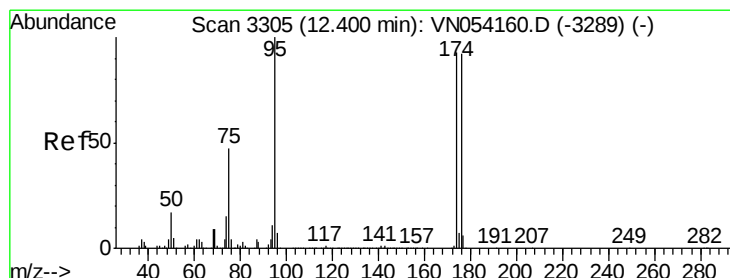
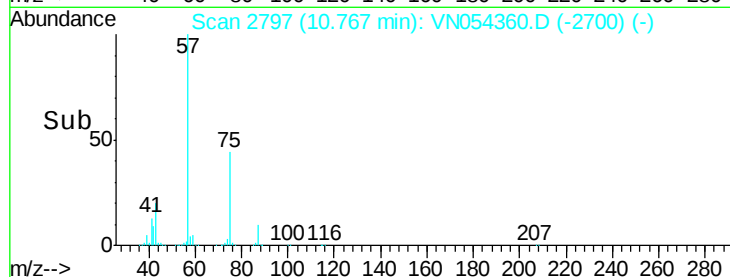
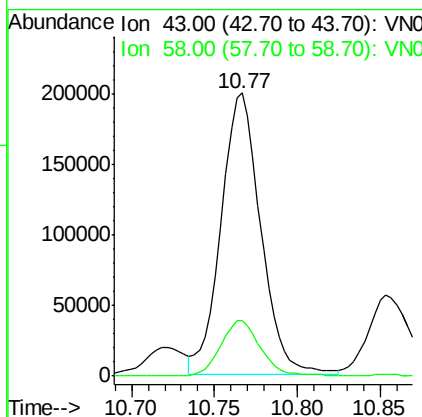
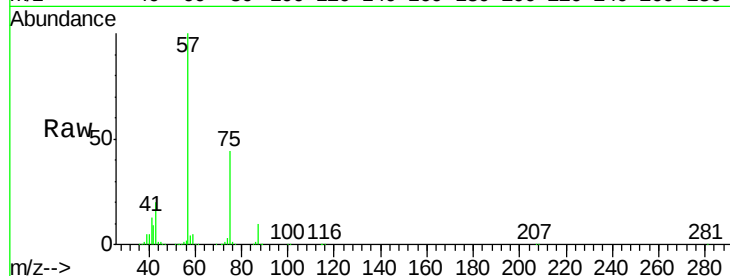




#59
2-Hexanone
Concen: 38.722 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054360.D
Acq: 17 Mar 2019 2:48

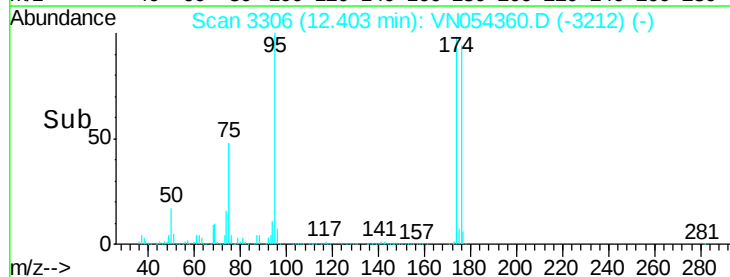
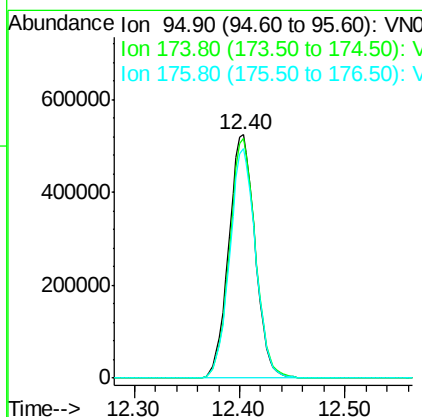
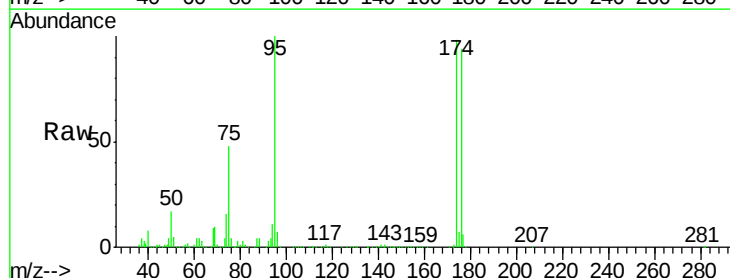
Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-C

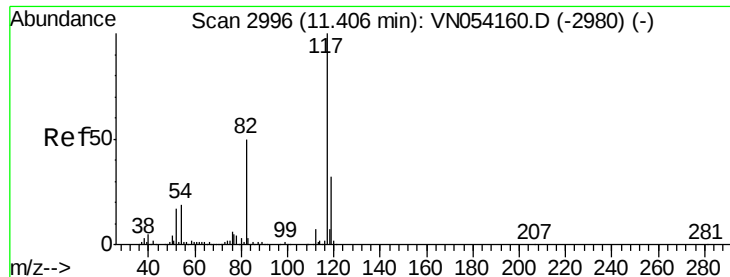
Tot Ion: 43 Resp: 333321
Ion Ratio Lower Upper
43 100
58 20.2 28.0 83.9#



#62
4-Bromofluorobenzene
Concen: 41.187 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054360.D
Acq: 17 Mar 2019 2:48

Tgt Ion: 95 Resp: 903460
Ion Ratio Lower Upper
95 100
174 97.0 0.0 191.0
176 92.9 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: VN054360.D

Acq: 17 Mar 2019 2:48

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-C

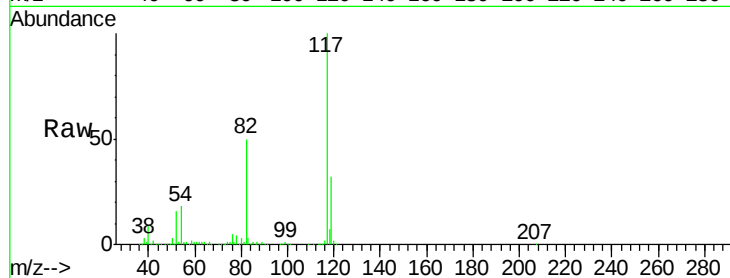
Tot Ion:117 Resp: 2213005

Ion Ratio Lower Upper

117 100

82 50.3 40.0 60.0

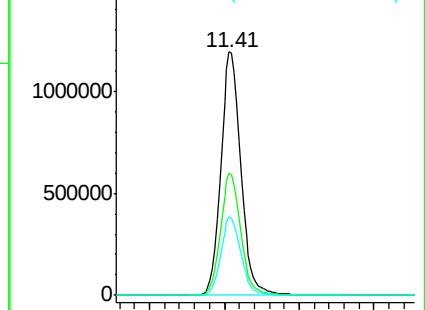
119 32.0 25.8 38.6



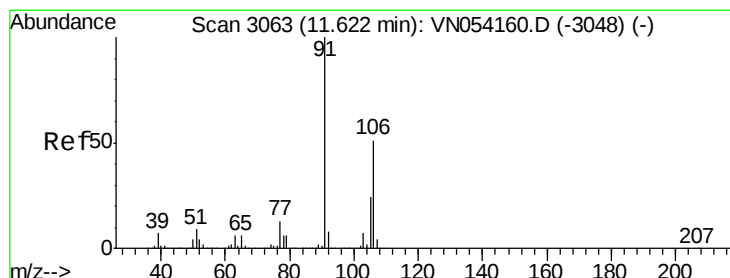
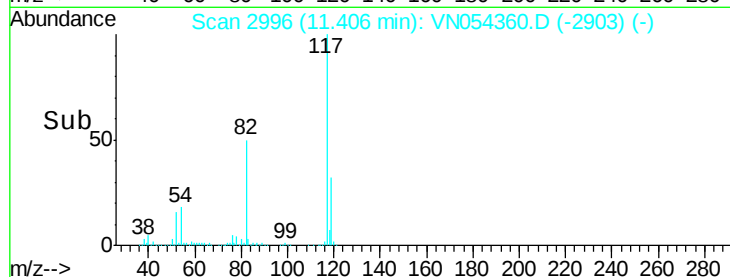
Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



Time-->



#68

m/p-Xylenes

Concen: 0.213 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.01 min

Lab File: VN054360.D

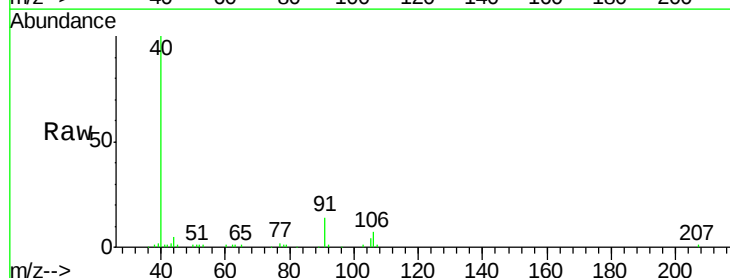
Acq: 17 Mar 2019 2:48

Tgt Ion:106 Resp: 6707

Ion Ratio Lower Upper

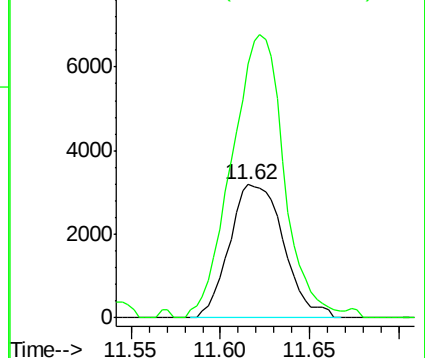
106 100

91 207.1 159.4 239.2

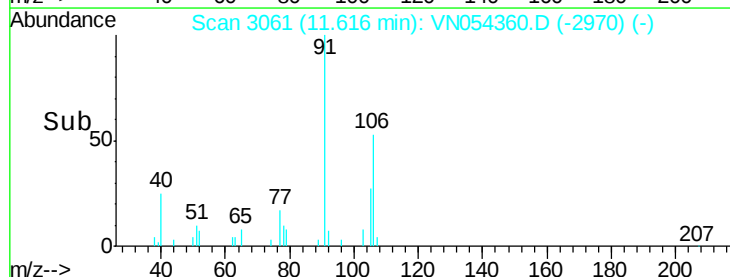


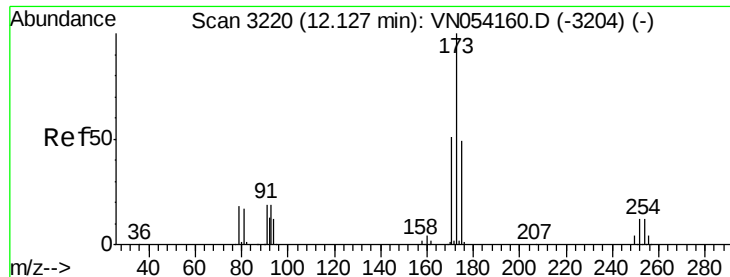
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



Time-->





#71

Bromoform

Concen: 2.722 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054360.D

Acq: 17 Mar 2019 2:48

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-C

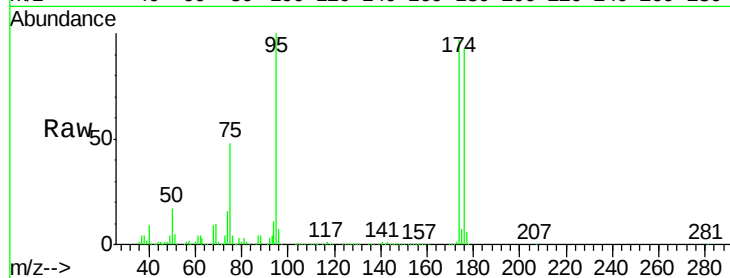
Tot Ion:173 Resp: 5250

Ion Ratio Lower Upper

173 100

175 1013.4 24.4 73.2#

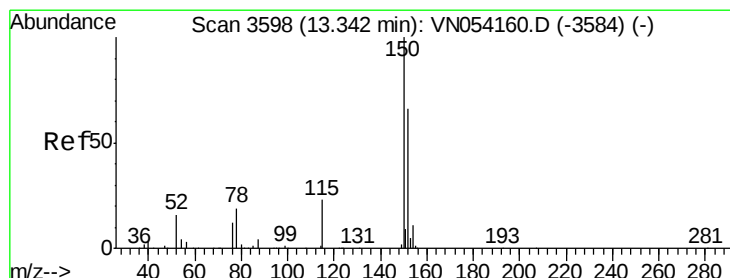
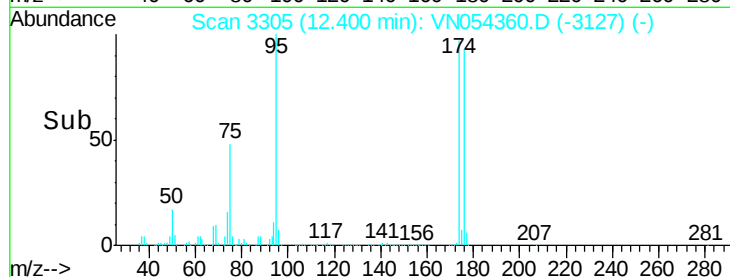
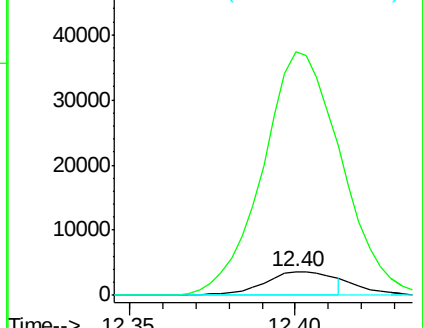
254 0.0 0.1 0.1#



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: VN054360.D

Acq: 17 Mar 2019 2:48

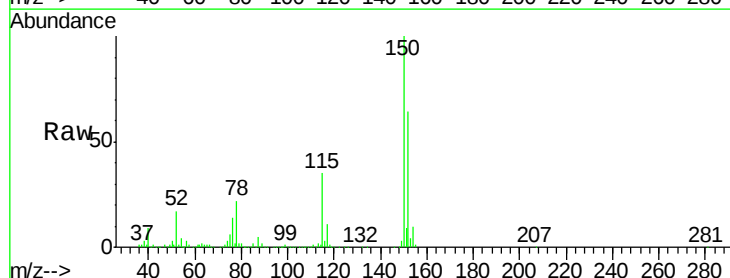
Tgt Ion:152 Resp: 810930

Ion Ratio Lower Upper

152 100

115 54.5 27.2 81.6

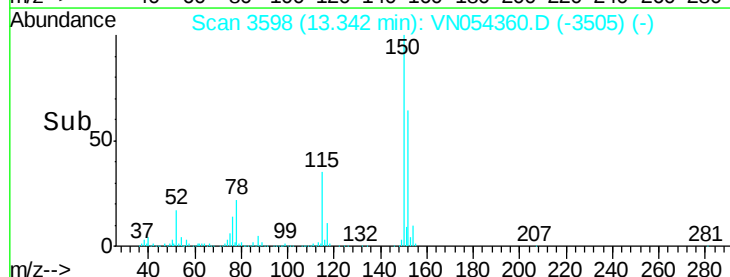
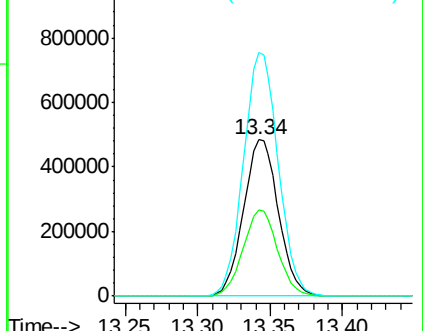
150 155.1 0.0 349.2

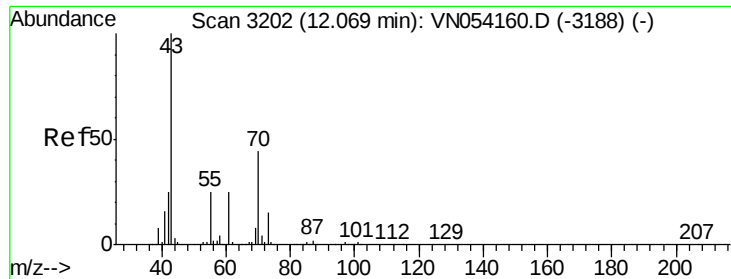


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyl acetate

Concen: 2.198 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN054360.D

Acq: 17 Mar 2019 2:48

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-C

Tot Ion: 43 Resp: 31656

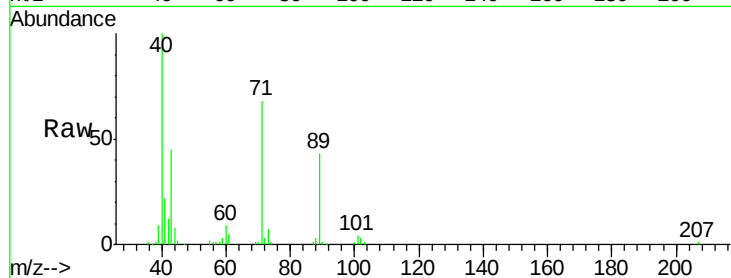
Ion Ratio Lower Upper

43 100

70 1.3 35.4 53.0#

55 5.3 19.8 29.6#

61 11.4 19.8 29.6#

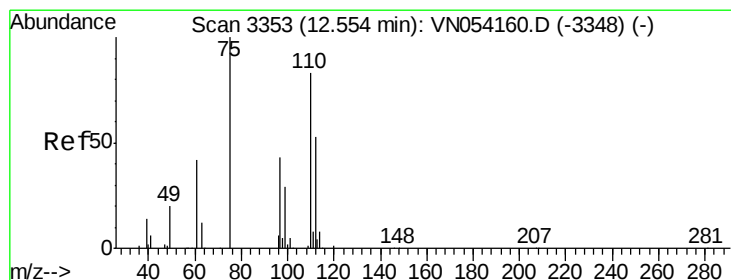
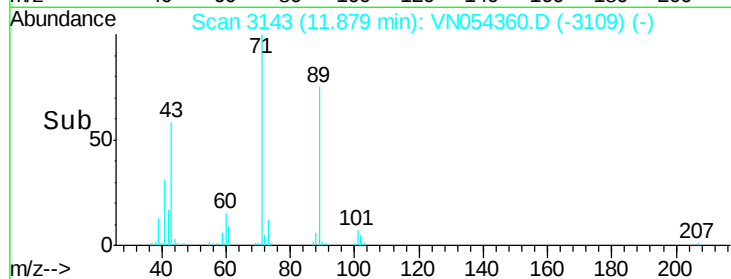
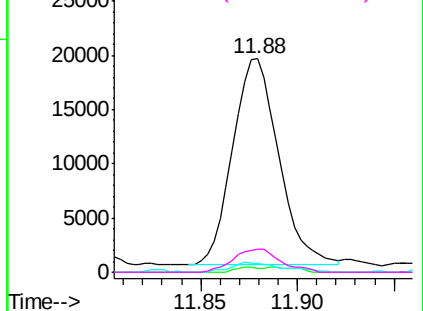


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 36.018 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054360.D

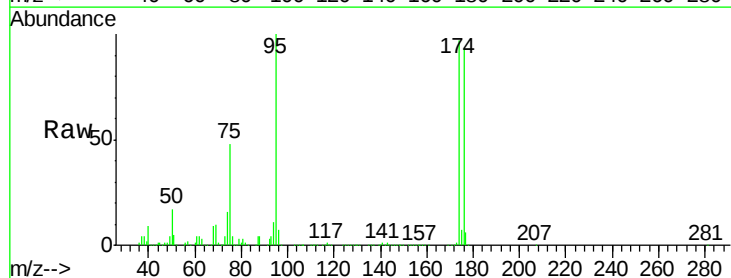
Acq: 17 Mar 2019 2:48

Tgt Ion: 75 Resp: 429512

Ion Ratio Lower Upper

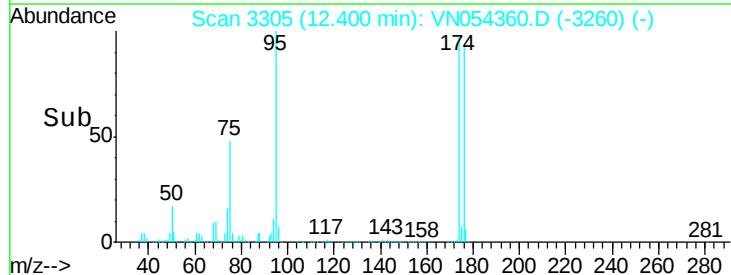
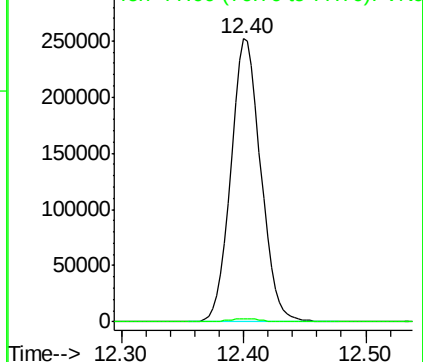
75 100

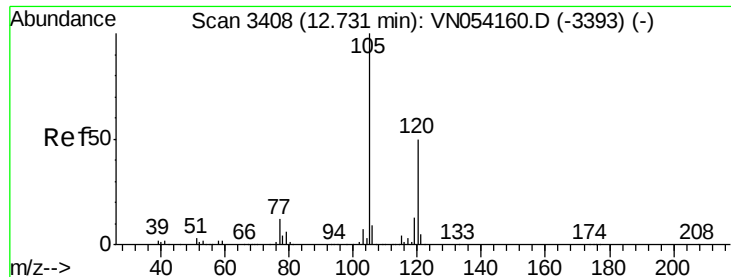
77 1.2 0.0 0.0#



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: 0.300 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054360.D

Acq: 17 Mar 2019 2:48

Instrument :

MSVOA_N

ClientSampled :

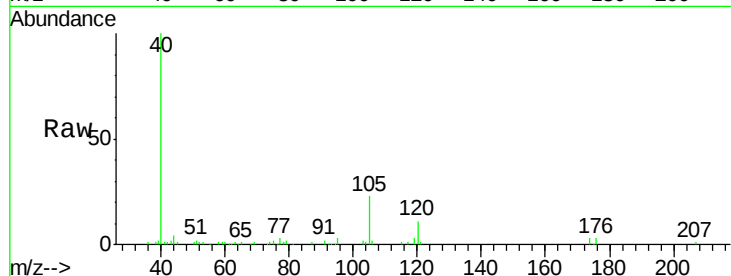
CL-01-031519-C

Tot Ion:105 Resp: 16191

Ion Ratio Lower Upper

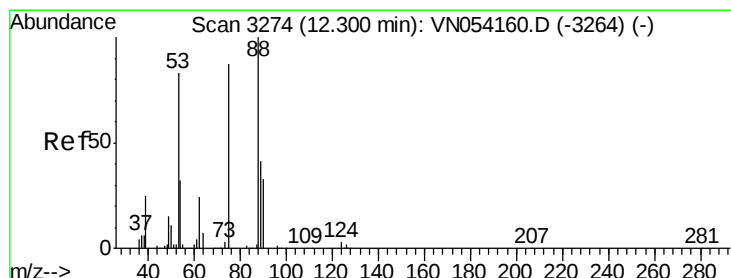
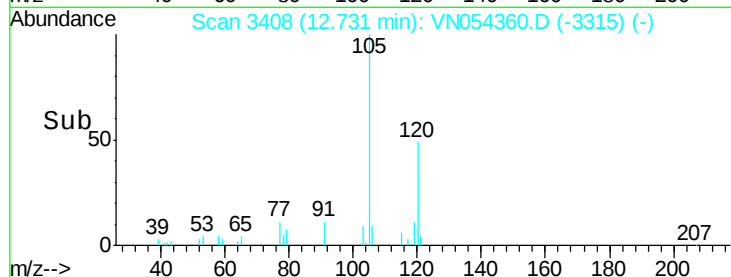
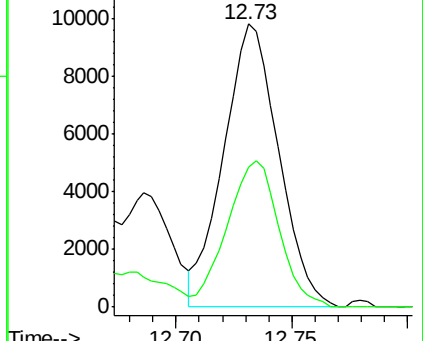
105 100

120 48.9 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: 123.124 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054360.D

Acq: 17 Mar 2019 2:48

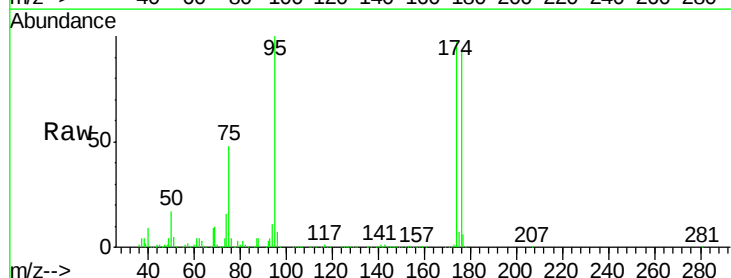
Tgt Ion: 75 Resp: 429512

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

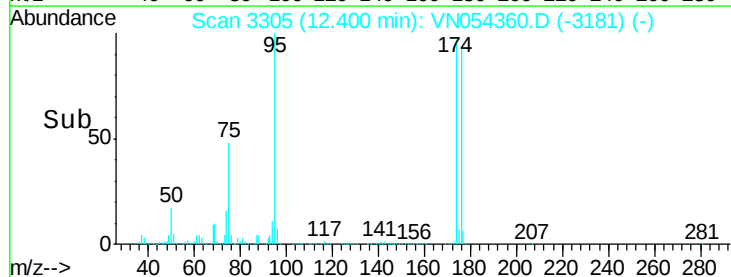
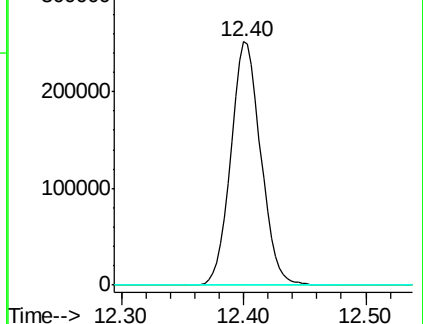
89 0.0 39.2 58.8#

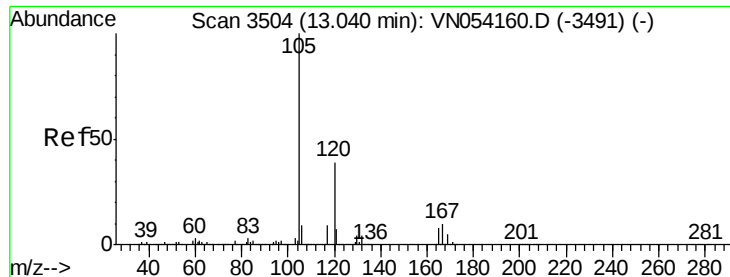


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.393 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054360.D

Acq: 17 Mar 2019 2:48

Instrument :

MSVOA_N

ClientSampleId :

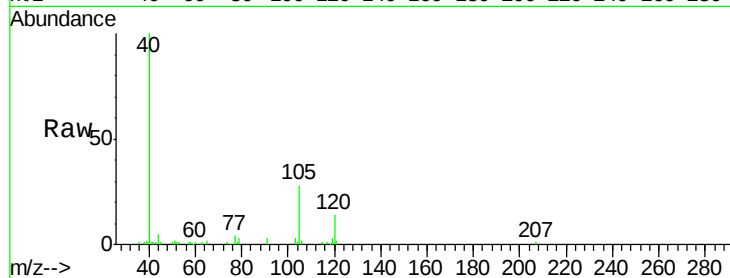
CL-01-031519-C

Tot Ion:105 Resp: 20798

Ion Ratio Lower Upper

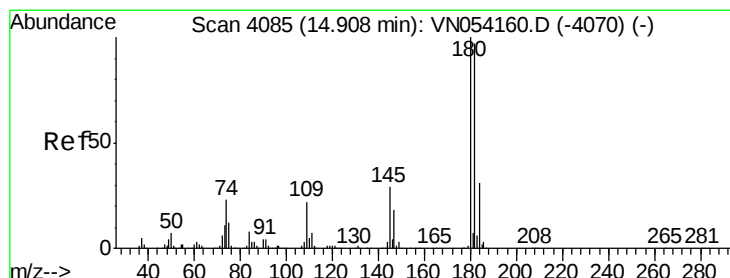
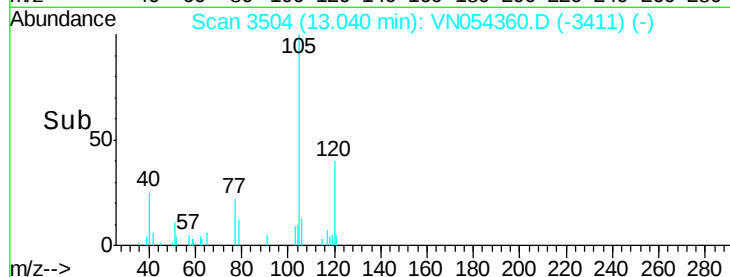
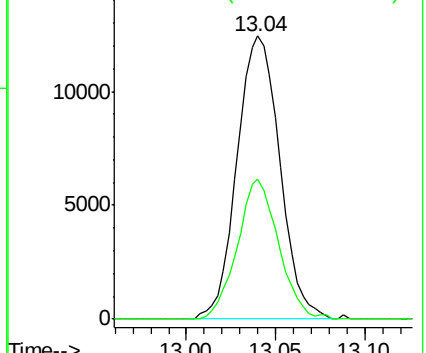
105 100

120 47.5 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#93

1,2,4-Trichlorobenzene

Concen: 2.635 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.01 min

Lab File: VN054360.D

Acq: 17 Mar 2019 2:48

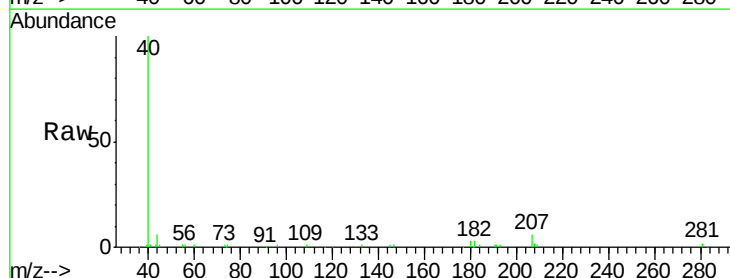
Tgt Ion:180 Resp: 2122

Ion Ratio Lower Upper

180 100

182 96.2 48.0 144.2

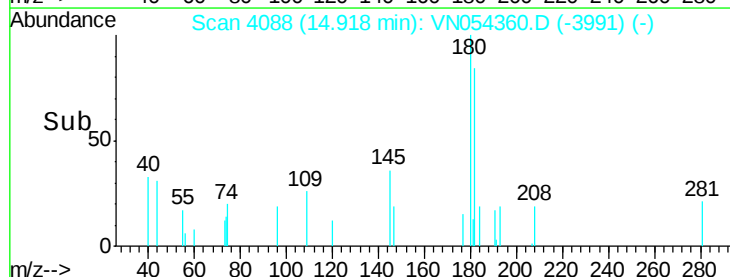
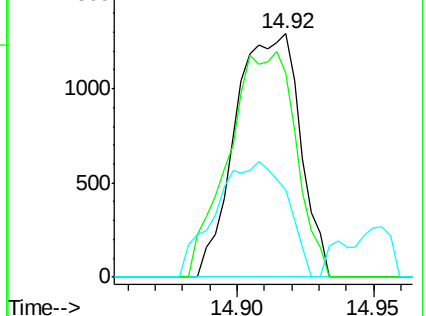
145 52.5 14.2 42.8#

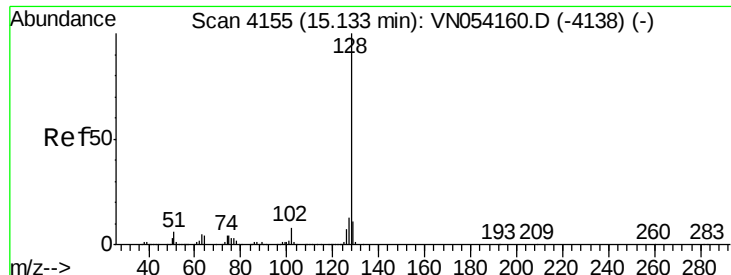


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 4.249 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054360.D

Acq: 17 Mar 2019 2:48

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-C

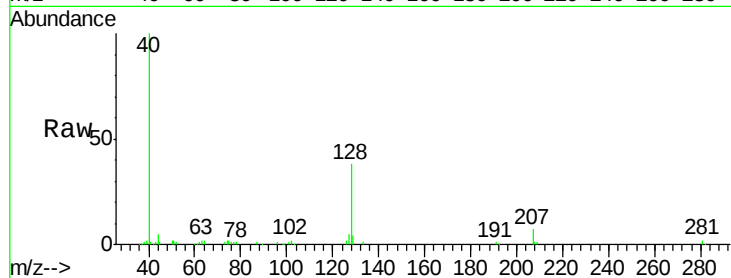
Tot Ion:128 Resp: 29789

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 10.9 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

