

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054375.D
 Acq On : 17 Mar 2019 9:39
 Operator : JC/SP
 Sample : K1691-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

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

Quant Time: Mar 18 05:10:32 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	1783289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2616092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2209609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	814234	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	896836	47.35	ug/l	0.00
Spiked Amount			Recovery	=	94.70%	
35) Dibromofluoromethane	7.59	113	800509	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	
50) Toluene-d8	10.09	98	3025183	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	12.40	95	896810	41.13	ug/l	0.00
Spiked Amount			Recovery	=	82.26%	

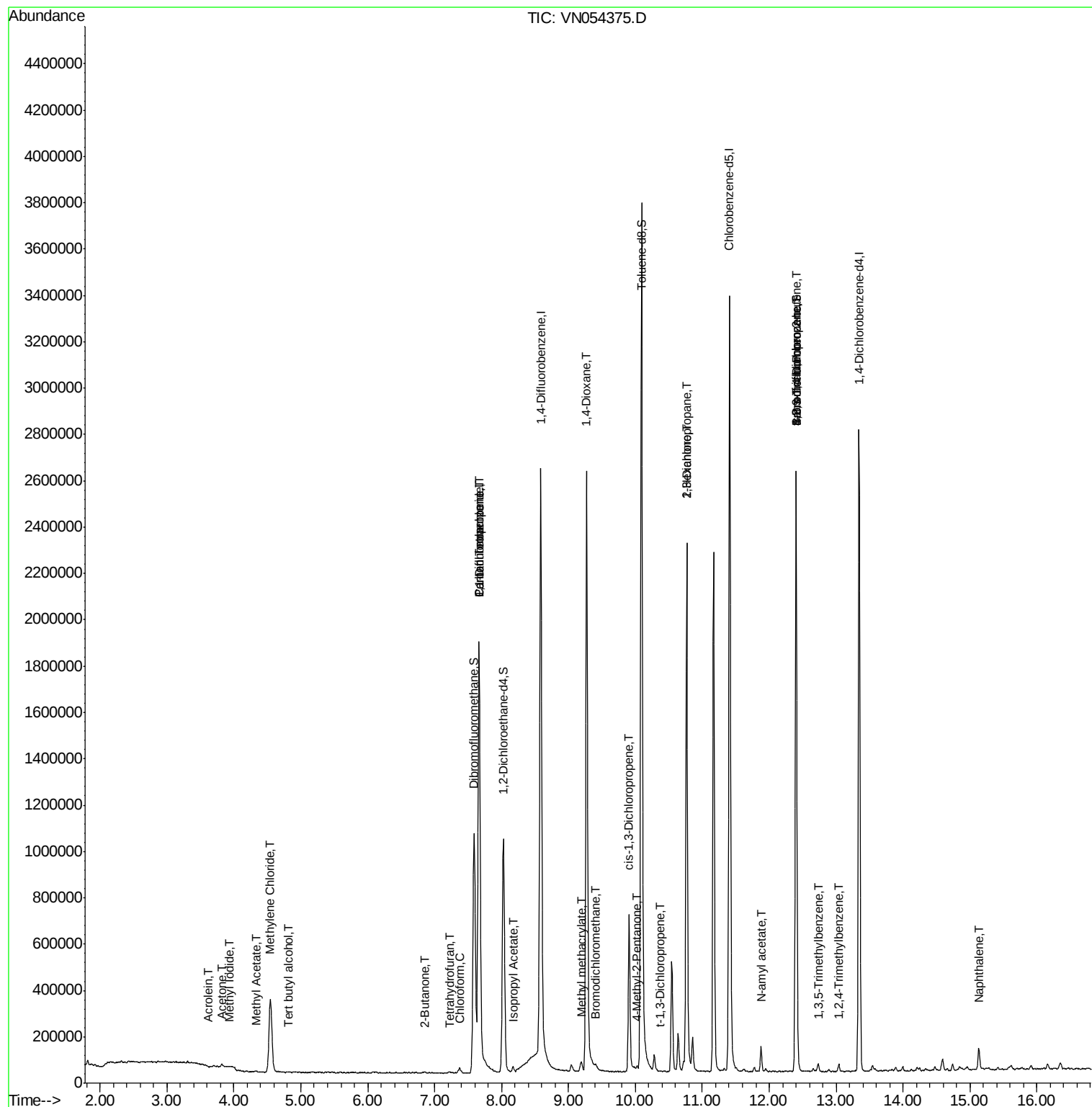
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.95	142	97	1.500	ug/l #	45
11) Tert butyl alcohol	4.81	59	445	0.343	ug/l #	70
13) Acrolein	3.62	56	295	0.240	ug/l #	68
16) Acetone	3.82	43	19361	3.570	ug/l #	86
18) Methyl Acetate	4.34	43	6641	0.605	ug/l	91
20) Methylene Chloride	4.55	84	255820	14.368	ug/l	98
25) 2-Butanone	6.87	43	2177	0.342	ug/l #	88
29) Tetrahydrofuran	7.23	42	1821	0.445	ug/l #	45
30) Chloroform	7.37	83	21496	0.676	ug/l	94
31) Cyclohexane	7.66	56	27284	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	105221	4.367	ug/l #	49
38) Carbon Tetrachloride	7.66	117	147391	5.834	ug/l #	16
43) Isopropyl Acetate	8.17	43	26646	1.097	ug/l	96
47) Bromodichloromethane	9.40	83	5835	0.252	ug/l #	97
48) Methyl methacrylate	9.18	41	14245	1.155	ug/l #	11
49) 1,4-Dioxane	9.27	88	325	1.863	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	14439	1.123	ug/l #	36
53) t-1,3-Dichloropropene	10.37	75	106	1.990	ug/l #	1
54) cis-1,3-Dichloropropene	9.91	75	132323	4.897	ug/l #	65
57) 1,3-Dichloropropane	10.76	76	25746	0.986	ug/l #	43
59) 2-Hexanone	10.77	43	342551	40.035	ug/l #	50
71) Bromoform	12.40	173	5997	2.776	ug/l #	1
74) N-ethyl acetate	11.88	43	31911	2.207	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	429557	35.875	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	15691	0.290	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	429557	122.637	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	19544	0.368	ug/l	94
95) Naphthalene	15.13	128	88944	5.787	ug/l	99

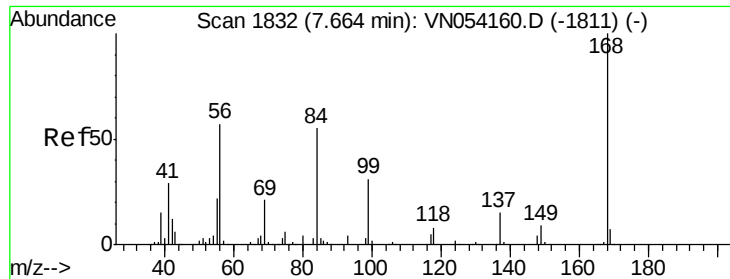
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054375.D

Acq: 17 Mar 2019 9:39

Instrument :

MSVOA_N

ClientSampleId :

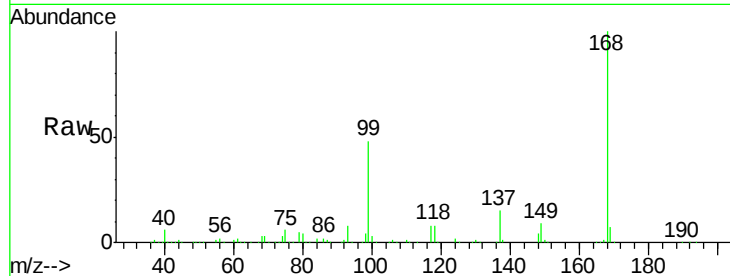
CL-01-031519-D

Tot Ion:168 Resp: 1783289

Ion Ratio Lower Upper

168 100

99 47.7 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

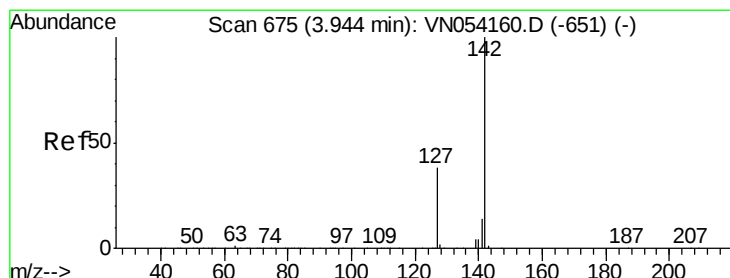
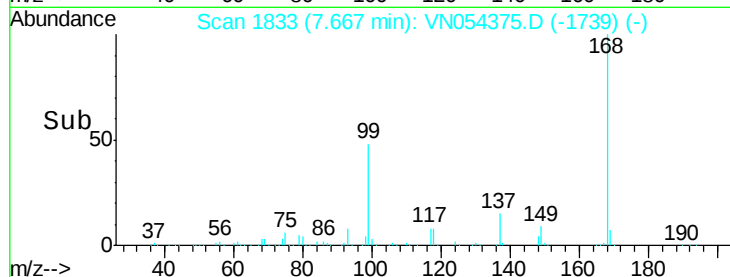
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#10

Methyl Iodide

Concen: 1.500 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

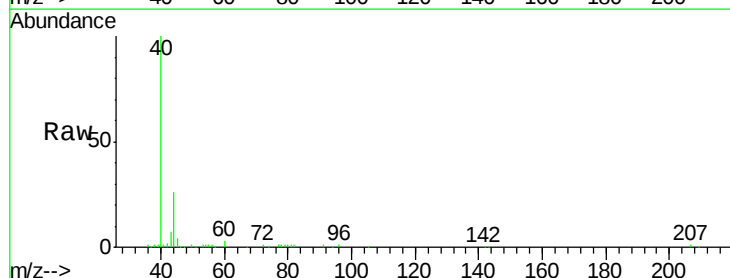
Tgt Ion:142 Resp: 97

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

3.95

250

200

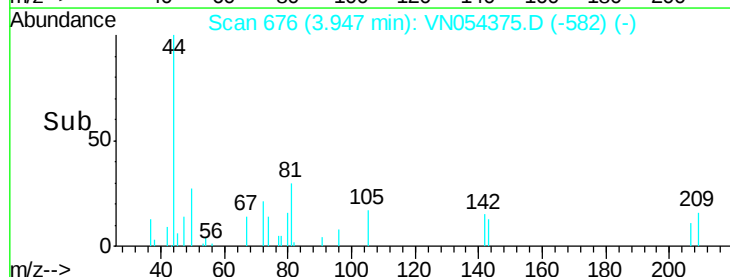
150

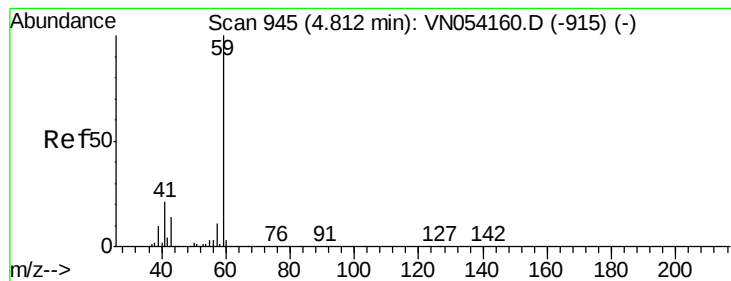
100

50

0

Time--> 3.94 3.95 3.96



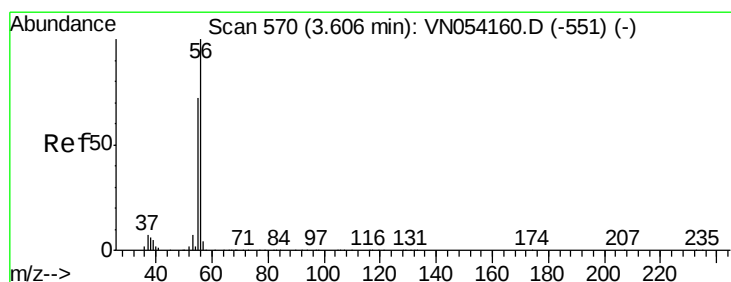
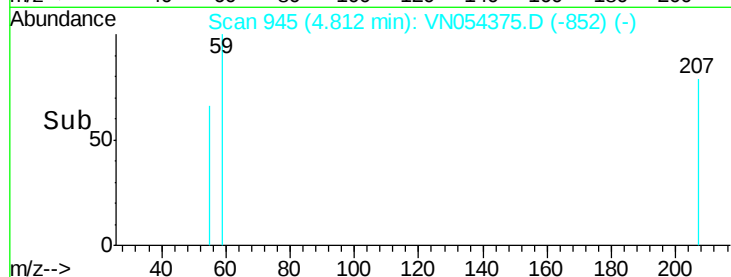
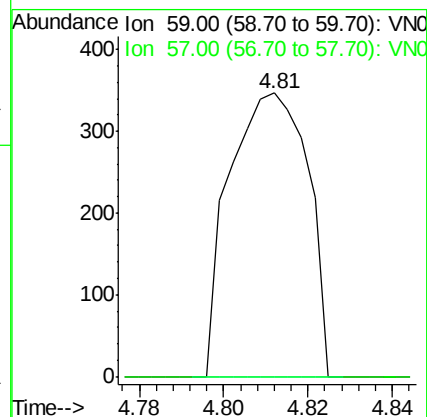
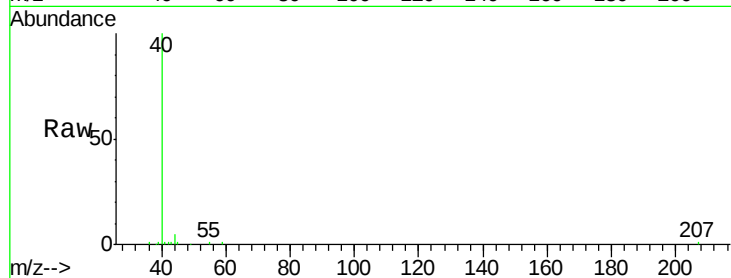


#11

Tert butyl alcohol
 Concen: 0.343 ug/l
 RT: 4.81 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: VN054375.D
 Acq: 17 Mar 2019 9:39

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

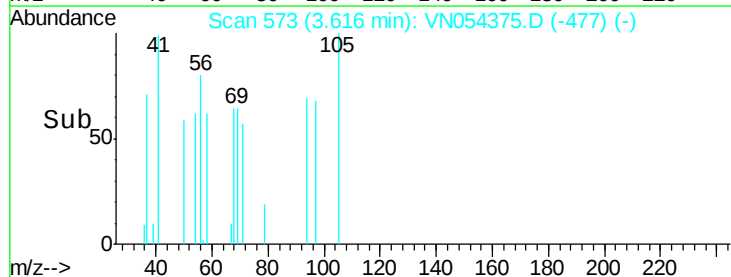
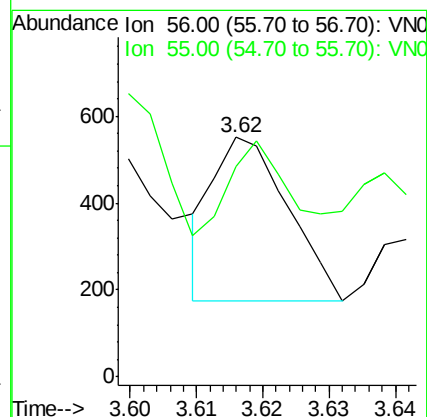
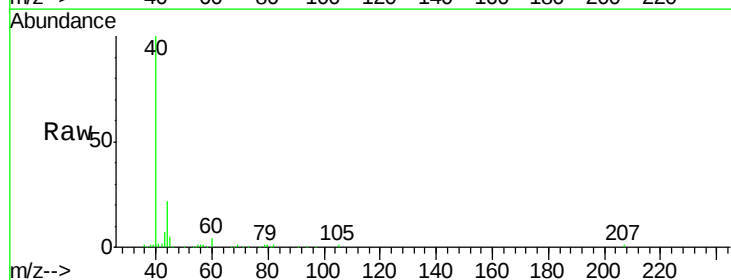
Tot Ion: 59 Resp: 445
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

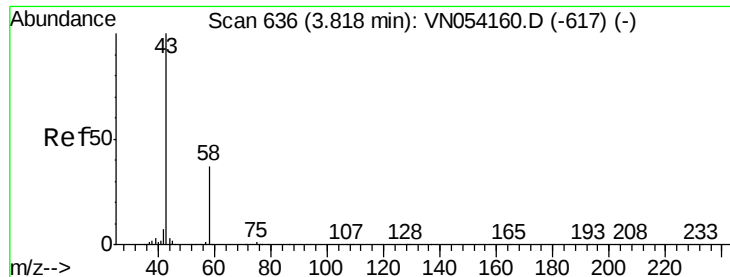


#13

Acrolein
 Concen: 0.240 ug/l
 RT: 3.62 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VN054375.D
 Acq: 17 Mar 2019 9:39

Tgt Ion: 56 Resp: 295
 Ion Ratio Lower Upper
 56 100
 55 44.7 56.7 85.1#





#16

Acetone

Concen: 3.570 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

Instrument :

MSVOA_N

ClientSampleId :

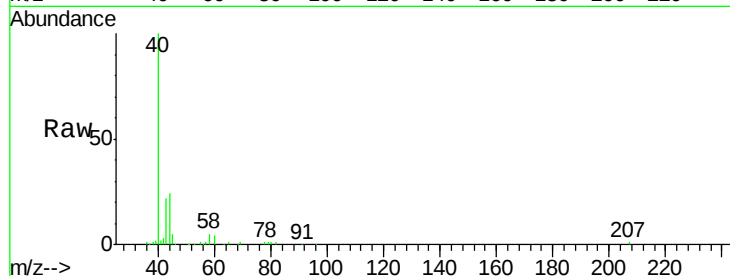
CL-01-031519-D

Tot Ion: 43 Resp: 19361

Ion Ratio Lower Upper

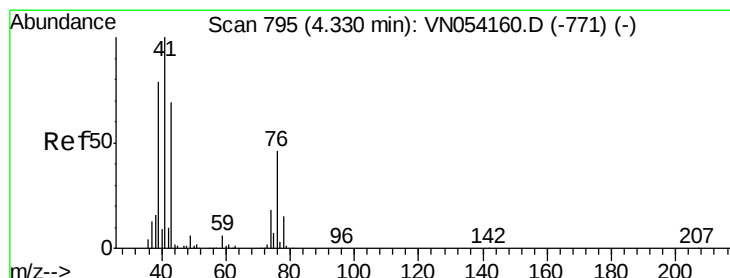
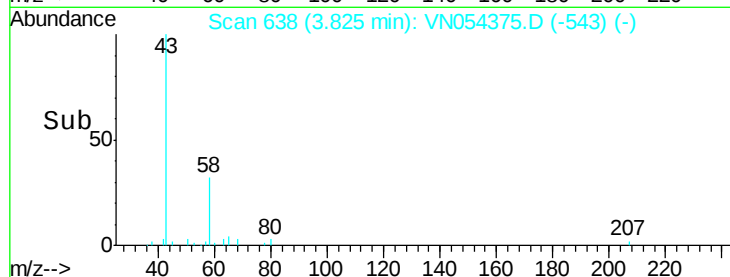
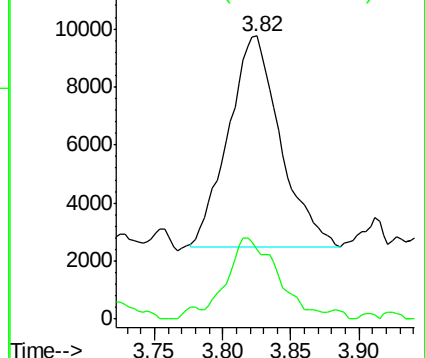
43 100

58 29.0 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.605 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN054375.D

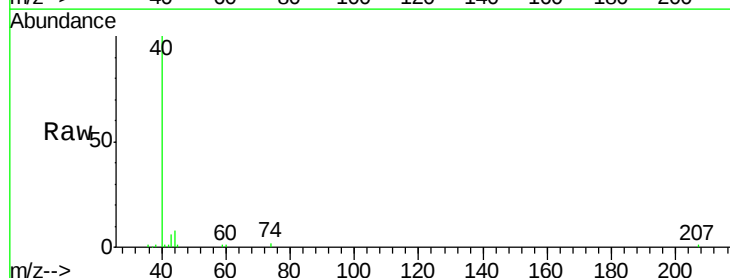
Acq: 17 Mar 2019 9:39

Tgt Ion: 43 Resp: 6641

Ion Ratio Lower Upper

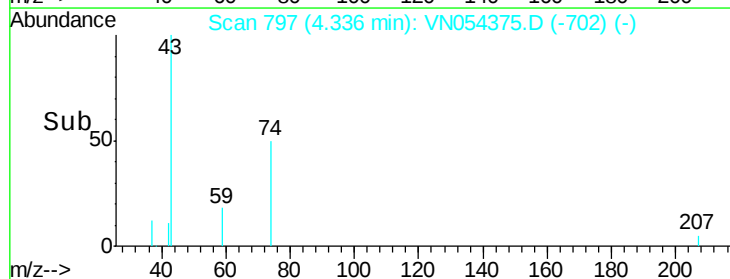
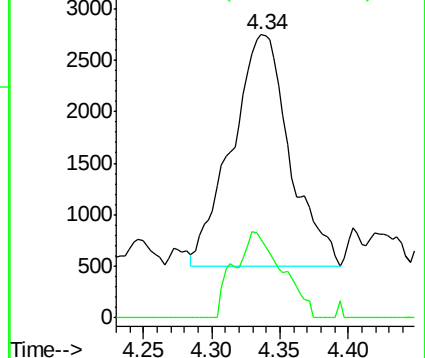
43 100

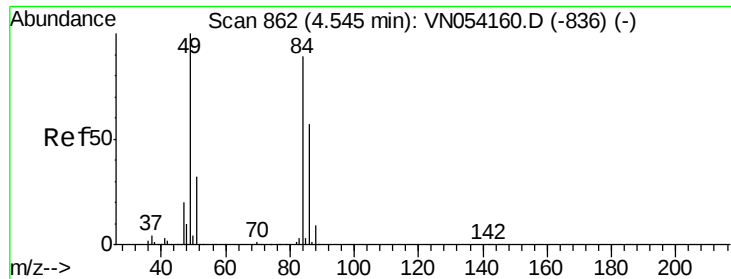
74 30.5 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

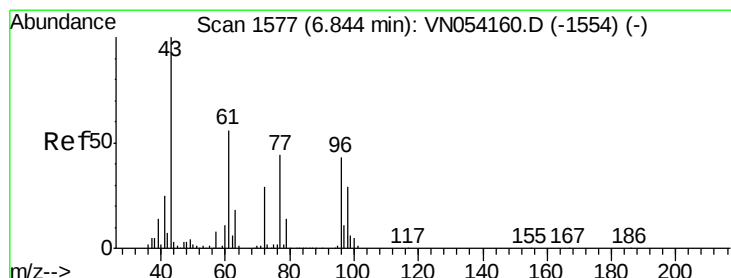
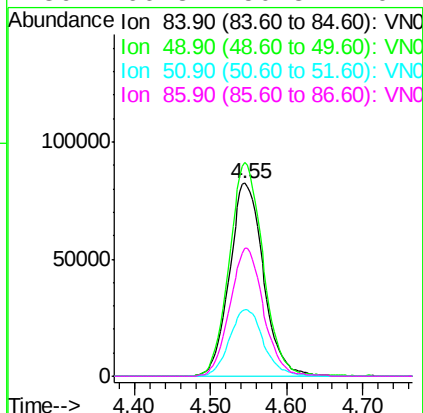
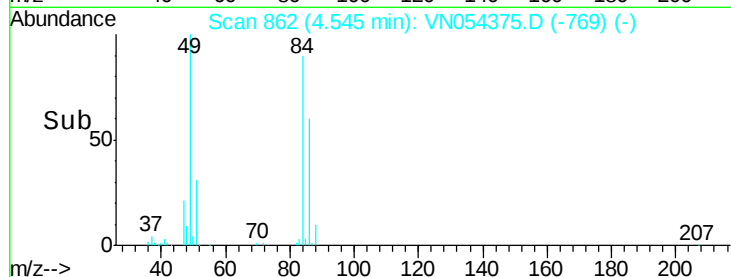
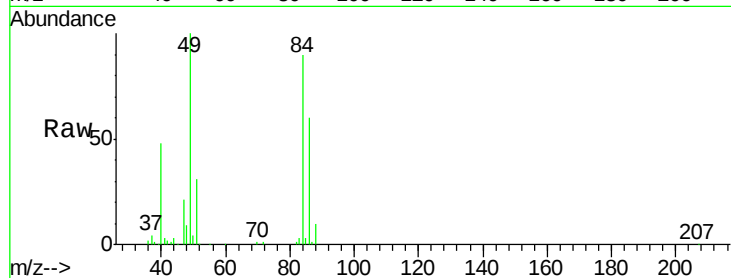




#20
Methvlene Chloride
Concen: 14.368 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054375.D
Acq: 17 Mar 2019 9:39

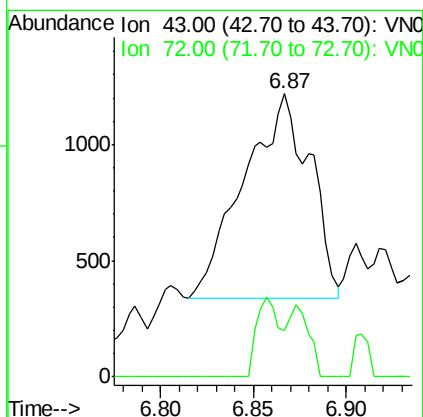
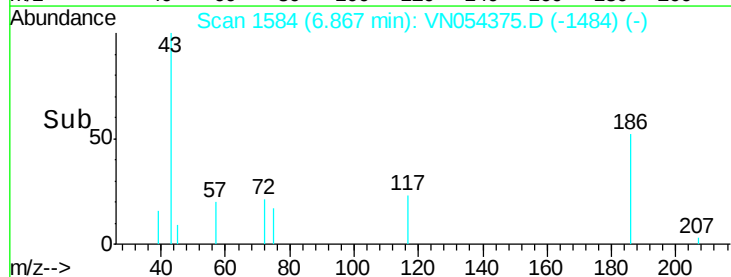
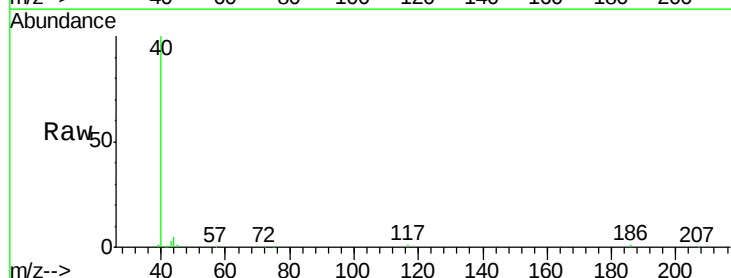
Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-D

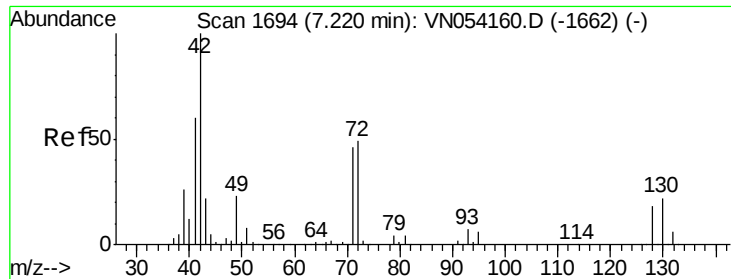
Tot Ion: 84 Resp: 255820
Ion Ratio Lower Upper
84 100
49 110.8 89.7 134.5
51 34.8 28.2 42.4
86 66.3 50.8 76.2



#25
2-Butanone
Concen: 0.342 ug/l
RT: 6.87 min Scan# 1584
Delta R.T. 0.02 min
Lab File: VN054375.D
Acq: 17 Mar 2019 9:39

Tgt Ion: 43 Resp: 2177
Ion Ratio Lower Upper
43 100
72 22.7 23.0 34.6#





#29

Tetrahydrofuran

Concen: 0.445 ug/l

RT: 7.23 min Scan# 1698

Delta R.T. 0.01 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-D

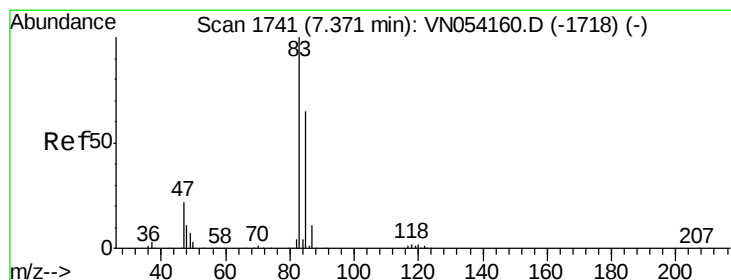
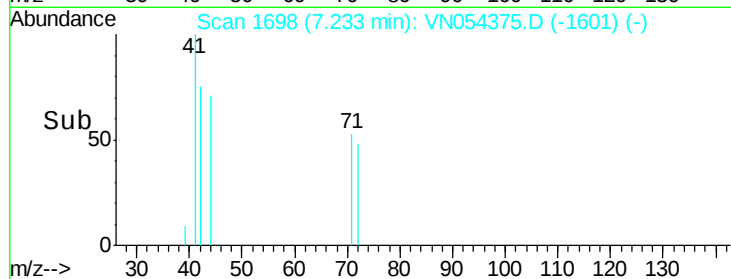
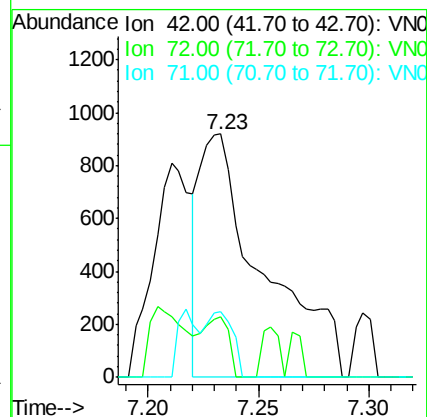
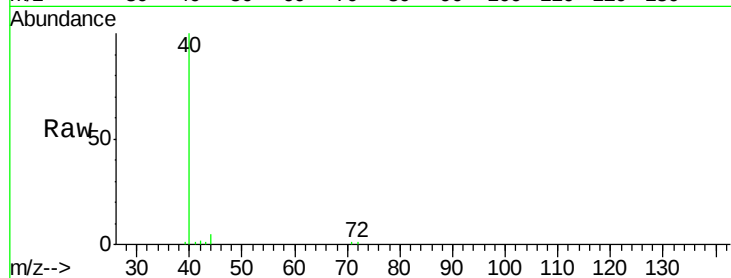
Tot Ion: 42 Resp: 1821

Ion Ratio Lower Upper

42 100

72 8.7 37.8 56.6#

71 11.1 36.2 54.2#



#30

Chloroform

Concen: 0.676 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN054375.D

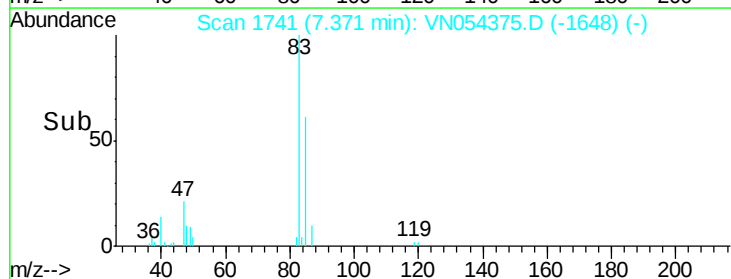
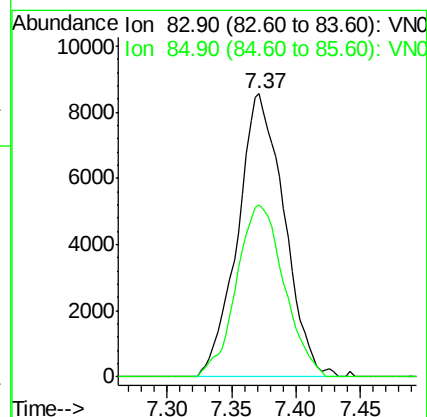
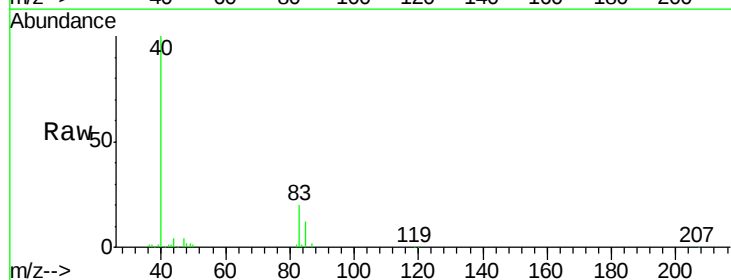
Acq: 17 Mar 2019 9:39

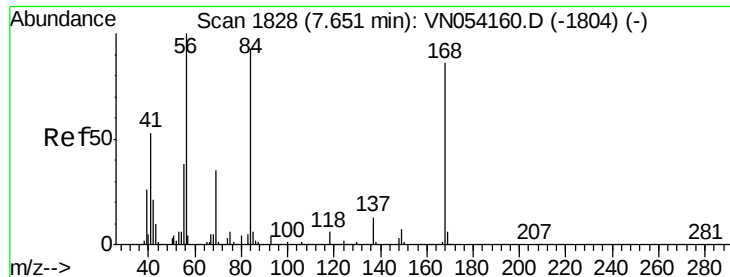
Tgt Ion: 83 Resp: 21496

Ion Ratio Lower Upper

83 100

85 60.7 52.2 78.4

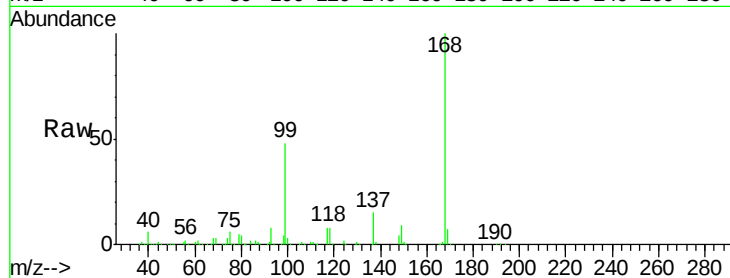




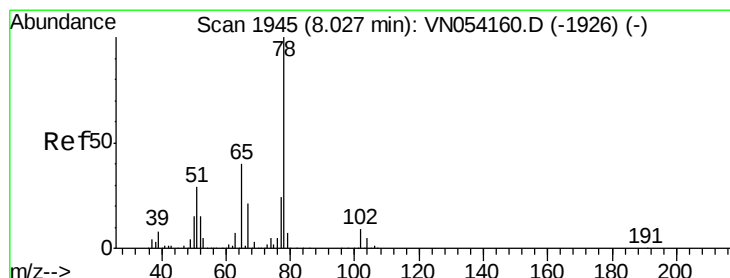
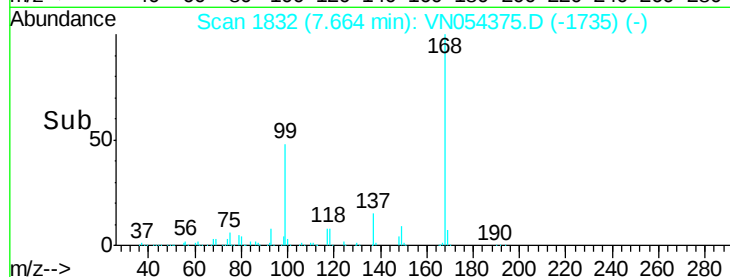
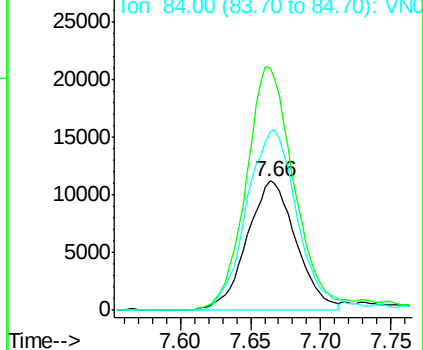
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054375.D
Acq: 17 Mar 2019 9:39

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

Tot Ion: 56 Resp: 27284
Ion Ratio Lower Upper
56 100
69 186.9 27.8 41.6#
84 137.8 74.6 111.8#

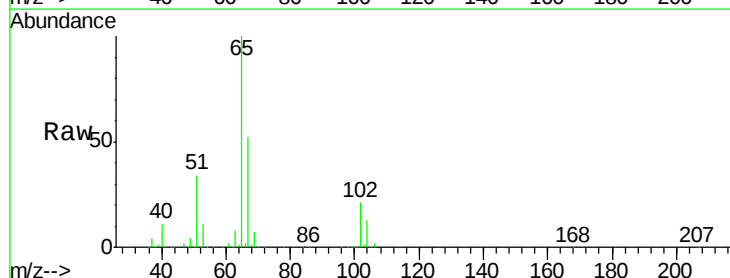


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

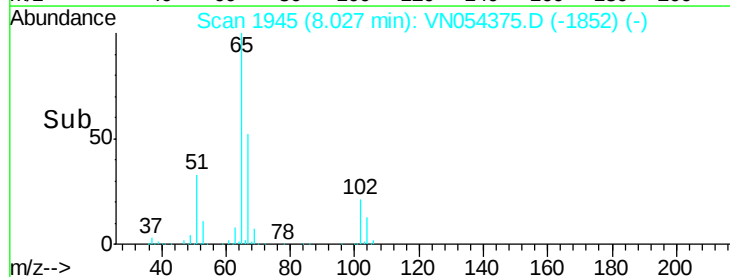
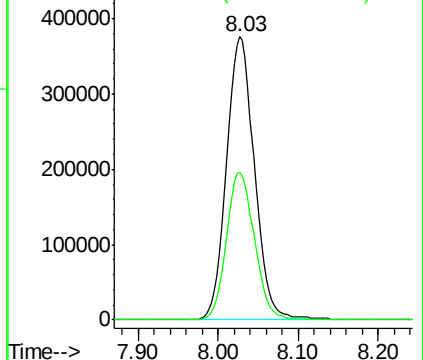


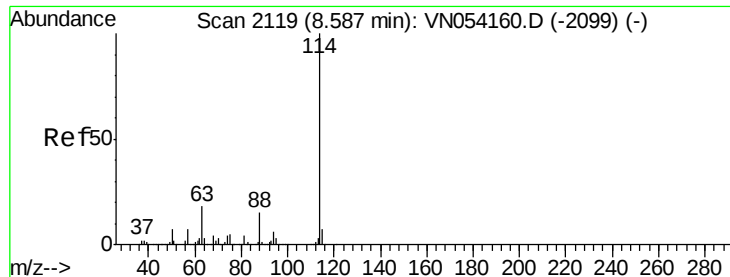
#33
1,2-Dichloroethane-d4
Concen: 47.355 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054375.D
Acq: 17 Mar 2019 9:39

Tgt Ion: 65 Resp: 896836
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.6



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

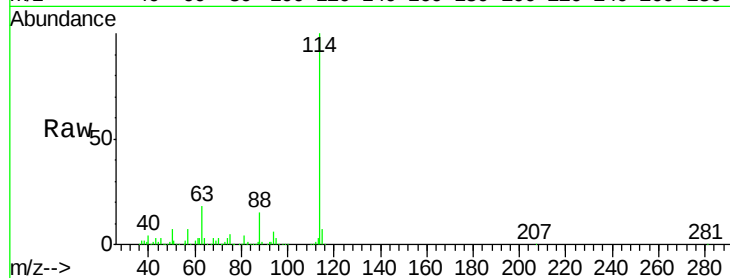




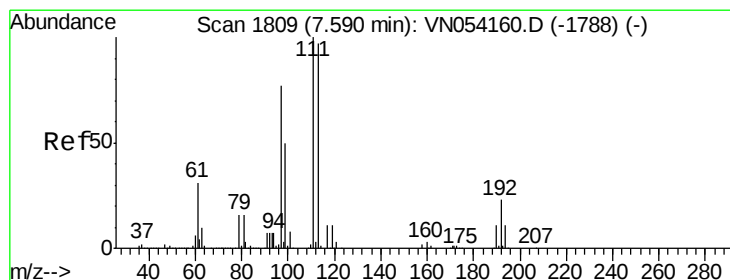
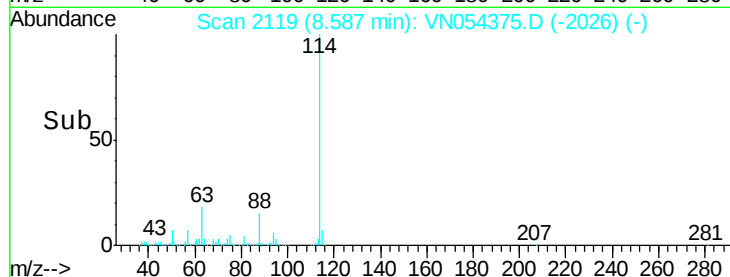
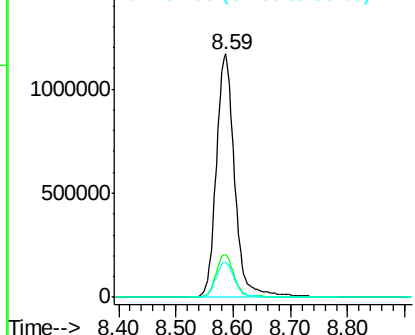
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054375.D
Acq: 17 Mar 2019 9:39

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

Tot Ion:114 Resp: 2616092
Ion Ratio Lower Upper
114 100
63 17.8 0.0 35.2
88 14.5 0.0 30.2

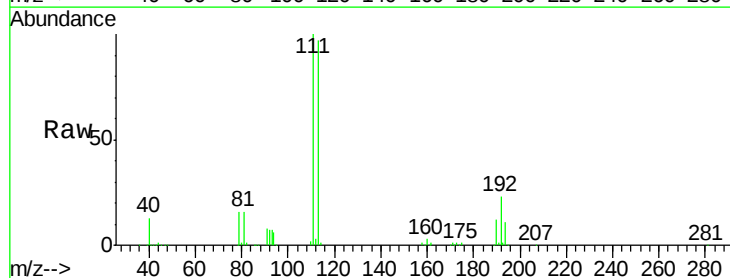


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

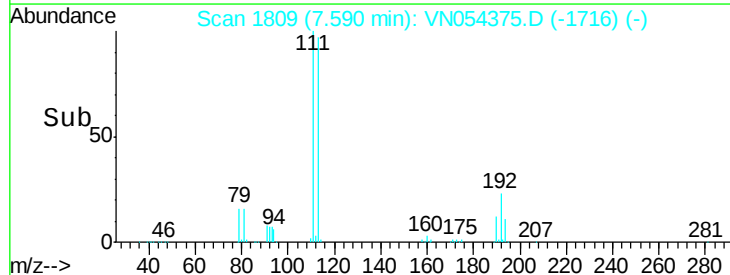
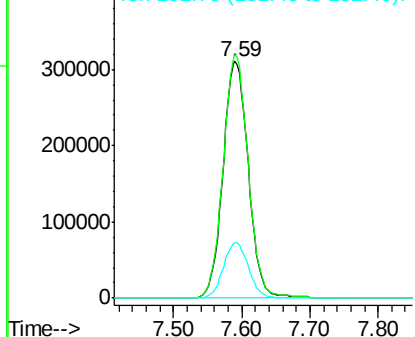


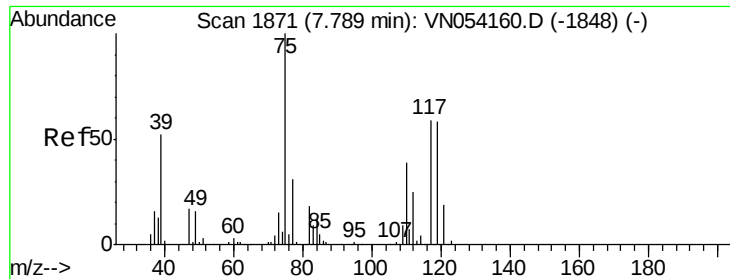
#35
Dibromofluoromethane
Concen: 47.444 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054375.D
Acq: 17 Mar 2019 9:39

Tgt Ion:113 Resp: 800509
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 23.3 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: 4.367 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-D

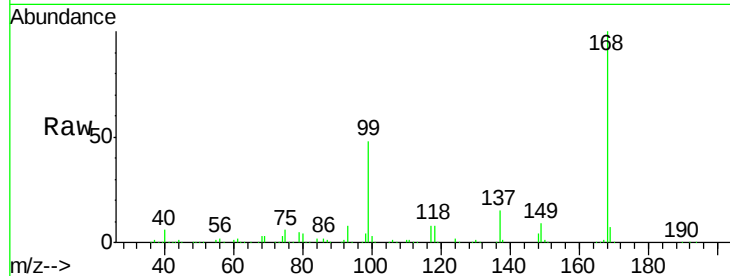
Tot Ion: 75 Resp: 105221

Ion Ratio Lower Upper

75 100

110 9.5 19.1 57.5#

77 0.2 25.0 37.4#

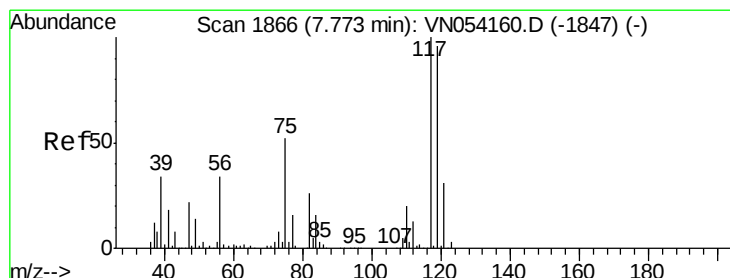
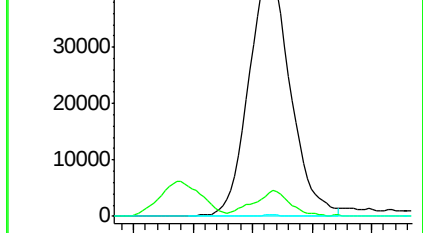
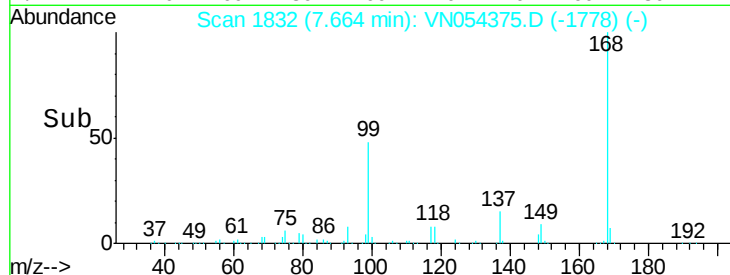


Abundance Ion 74.90 (74.60 to 75.60): VN054375.D (-1778) (-)

Ion 109.90 (109.60 to 110.60): VN054375.D (-1778) (-)

Ion 76.90 (76.60 to 77.60): VN054375.D (-1778) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.834 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

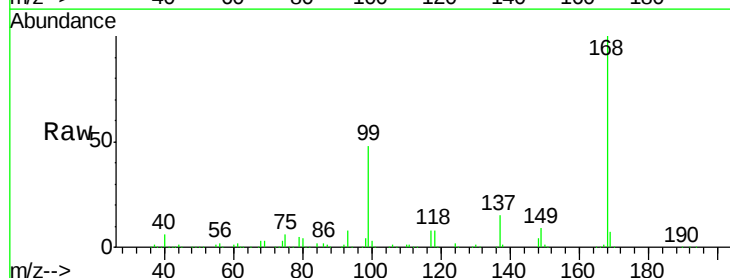
Tgt Ion: 117 Resp: 147391

Ion Ratio Lower Upper

117 100

119 4.5 76.3 114.5#

121 0.0 24.6 36.8#

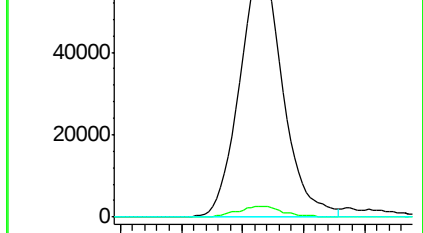
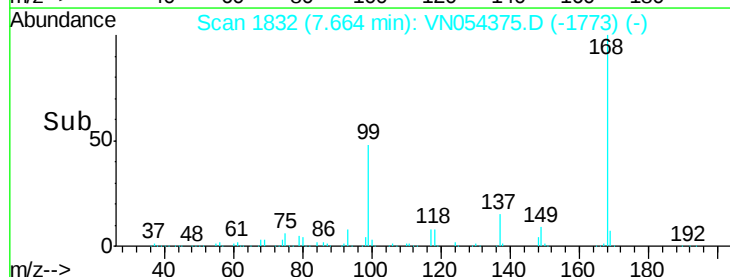


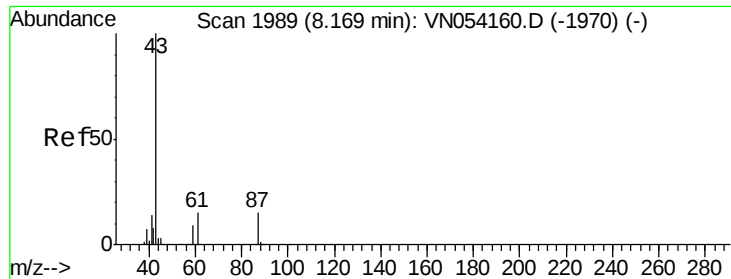
Abundance Ion 116.80 (116.50 to 117.50): VN054375.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN054375.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN054375.D (-1773) (-)

Time-->





#43

Isopropyl Acetate

Concen: 1.097 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-D

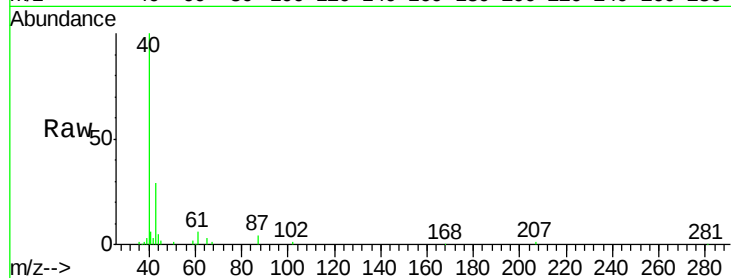
Tot Ion: 43 Resp: 26646

Ion Ratio Lower Upper

43 100

61 23.4 15.8 23.8

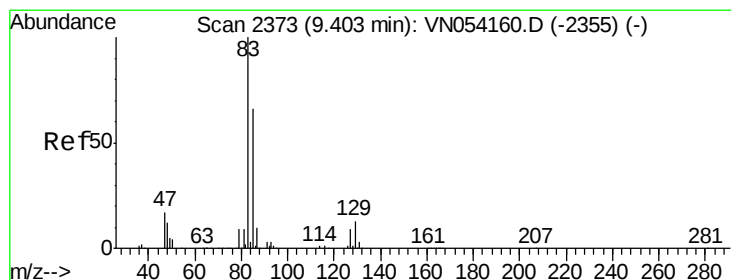
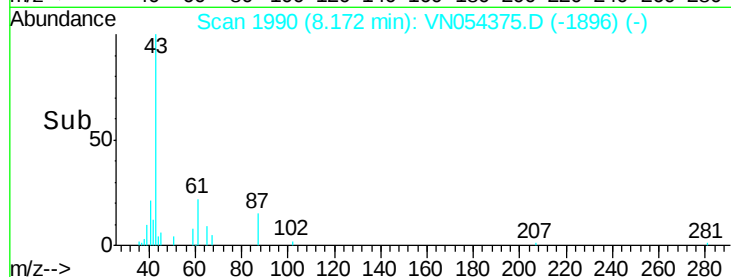
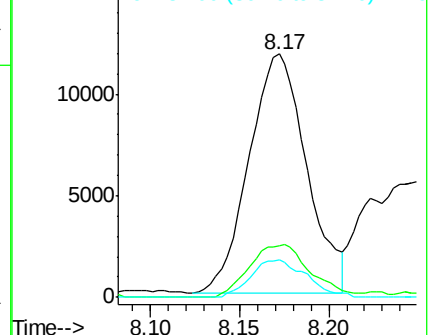
87 15.0 12.0 18.0



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



#47

Bromodichloromethane

Concen: 0.252 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

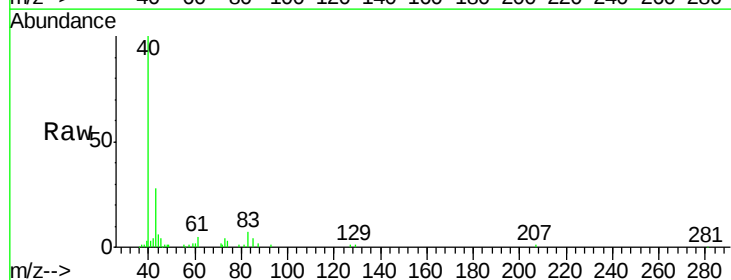
Tgt Ion: 83 Resp: 5835

Ion Ratio Lower Upper

83 100

85 64.9 52.8 79.2

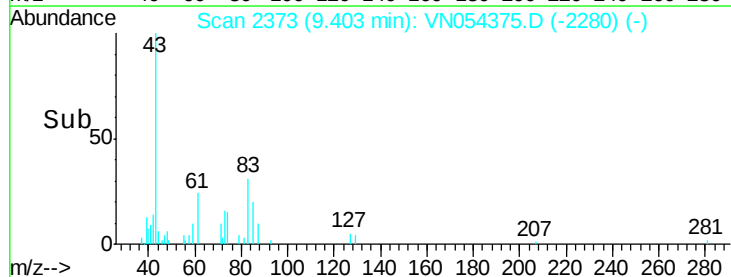
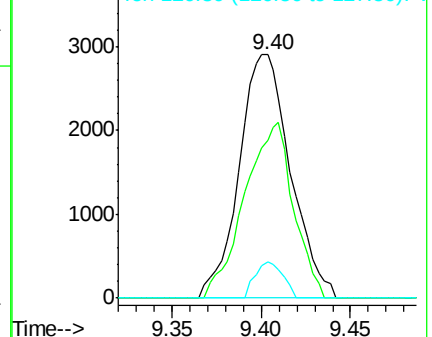
127 14.9 7.4 11.2#

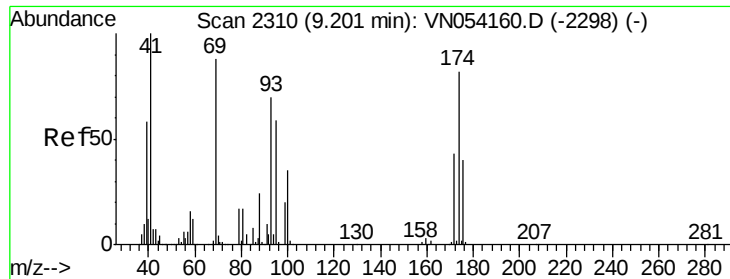


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

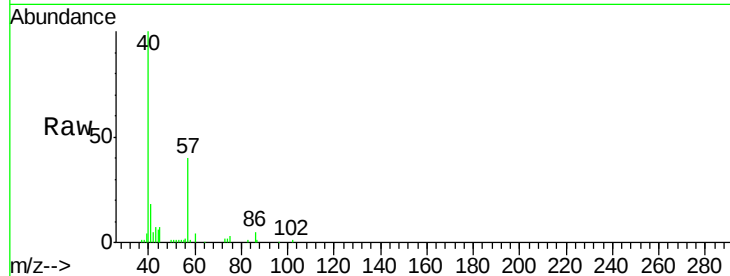




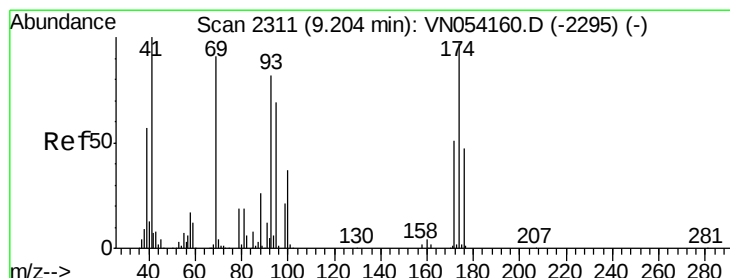
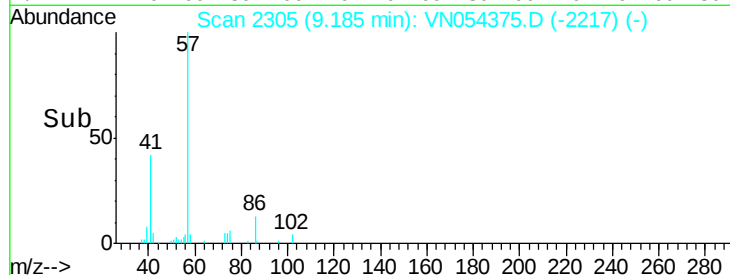
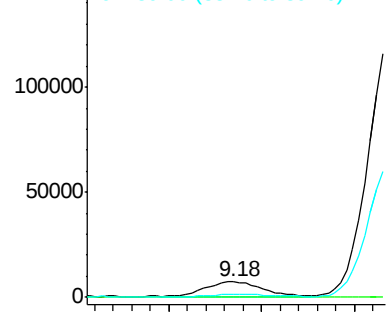
#48
Methvl methacrylate
Concen: 1.155 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054375.D
Acq: 17 Mar 2019 9:39

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

Tot Ion: 41 Resp: 14245
Ion Ratio Lower Upper
41 100
69 0.0 72.6 108.8#
39 0.0 47.5 71.3#

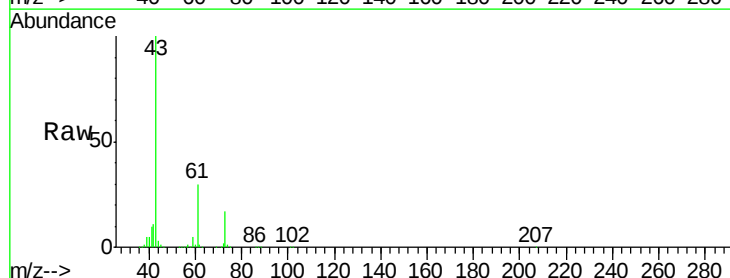


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

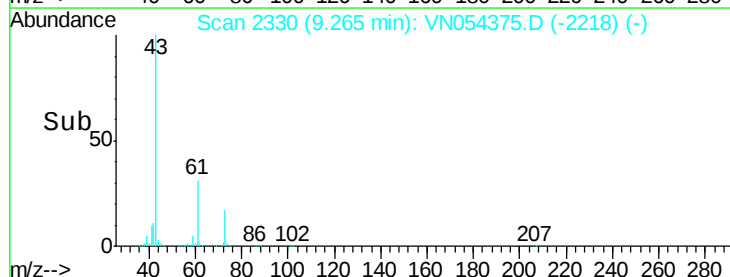
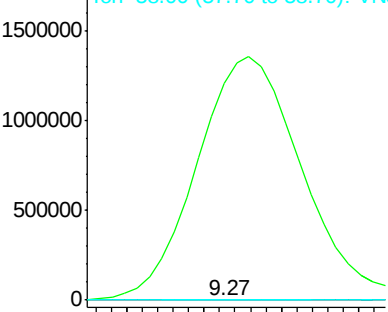


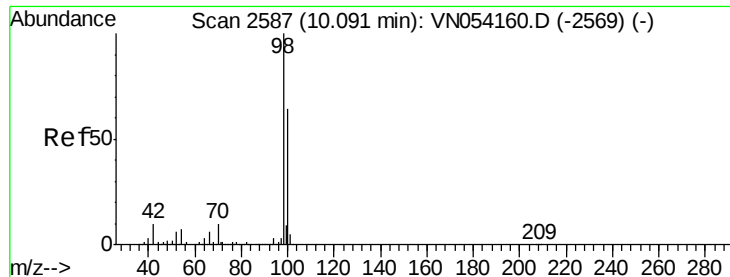
#49
1,4-Dioxane
Concen: 1.863 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.06 min
Lab File: VN054375.D
Acq: 17 Mar 2019 9:39

Tgt Ion: 88 Resp: 325
Ion Ratio Lower Upper
88 100
43 821248.0 24.1 36.1#
58 3575.4 50.8 76.2#



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





#50

Toluene-d8

Concen: 48.548 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

Instrument :

MSVOA_N

ClientSampleId :

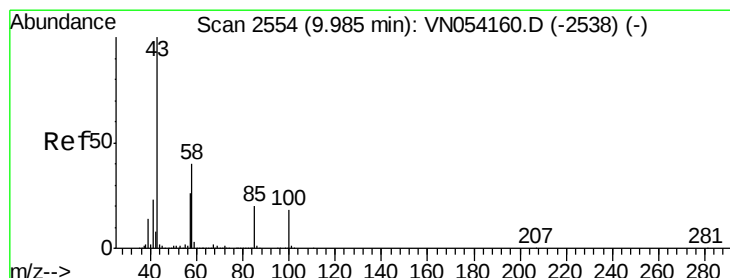
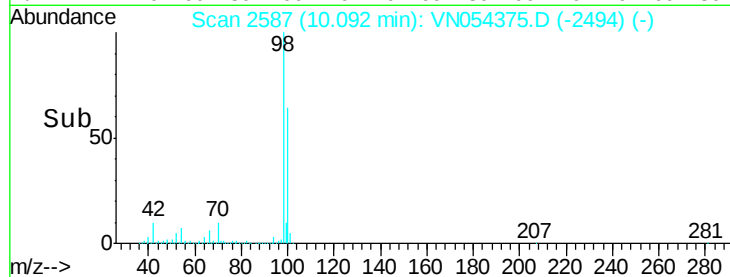
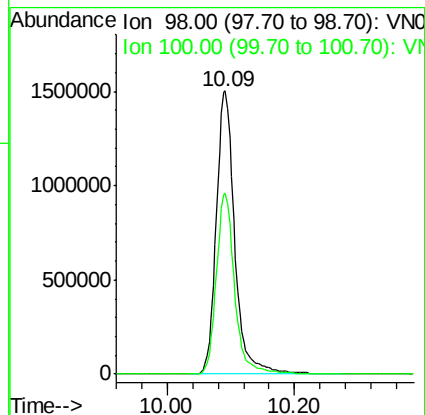
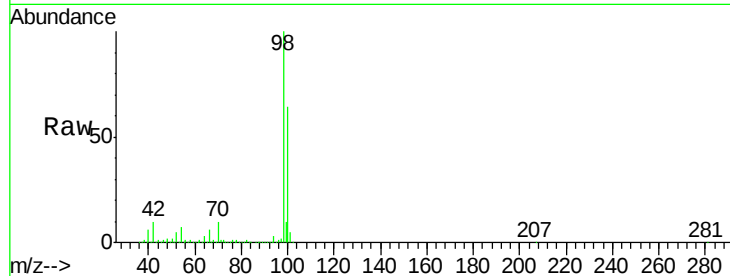
CL-01-031519-D

Tot Ion: 98 Resp: 3025183

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 1.123 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054375.D

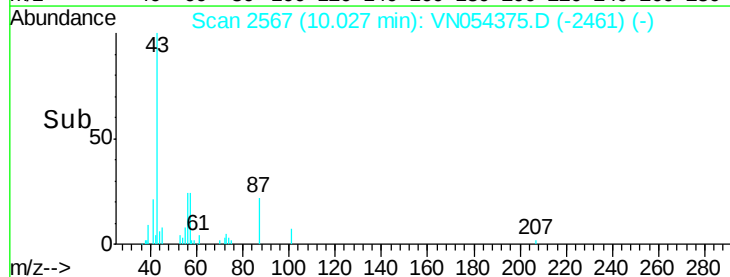
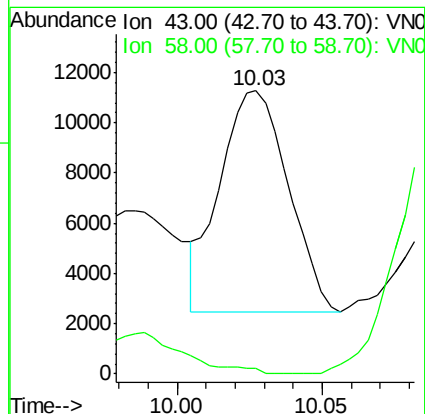
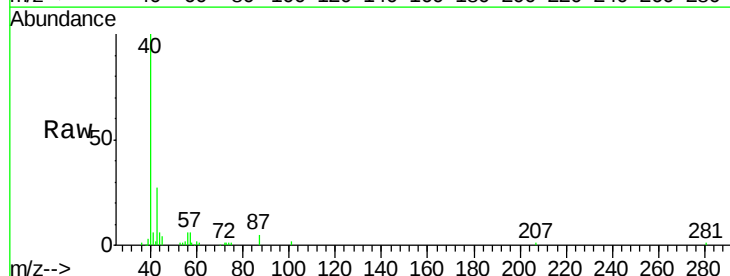
Acq: 17 Mar 2019 9:39

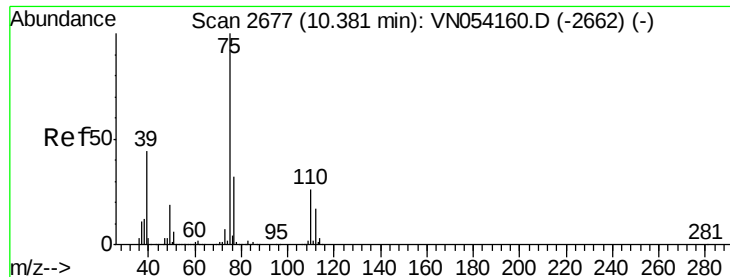
Tgt Ion: 43 Resp: 14439

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#





#53

t-1,3-Dichloropropene

Concen: 1.990 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.01 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

Instrument :

MSVOA_N

ClientSampleId :

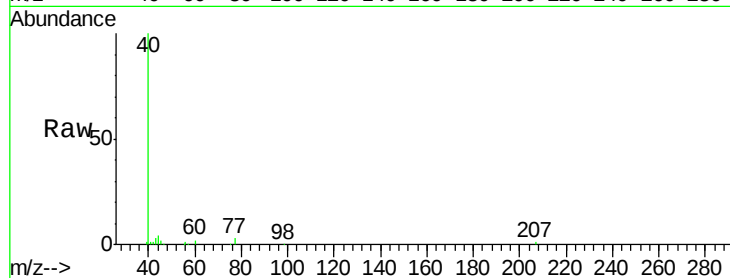
CL-01-031519-D

Tot Ion: 75 Resp: 106

Ion Ratio Lower Upper

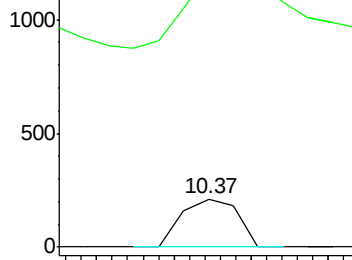
75 100

77 152.6 25.8 38.8#

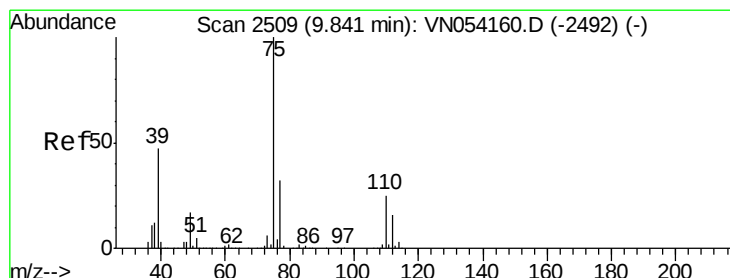
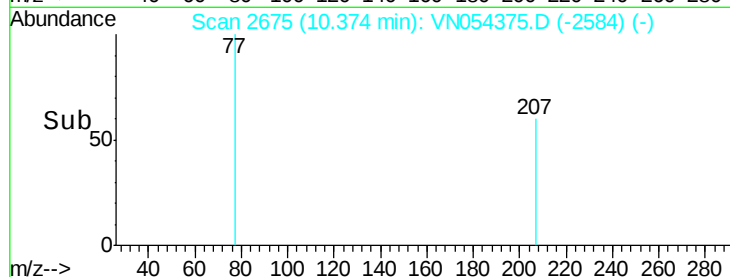


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 4.897 ug/l

RT: 9.91 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

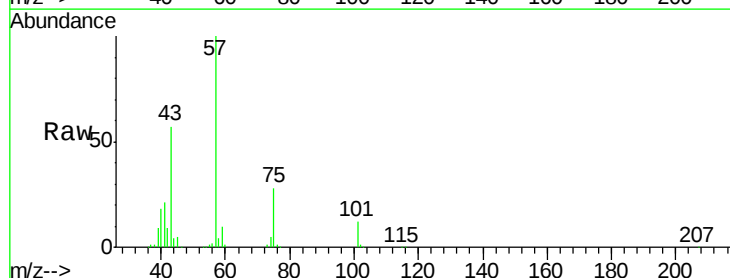
Tgt Ion: 75 Resp: 132323

Ion Ratio Lower Upper

75 100

77 0.6 25.4 38.0#

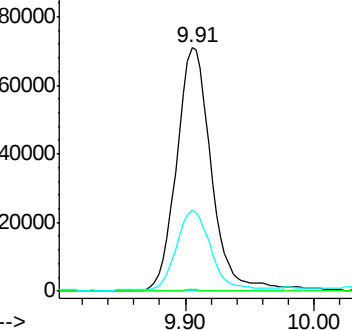
39 32.5 37.2 55.8#



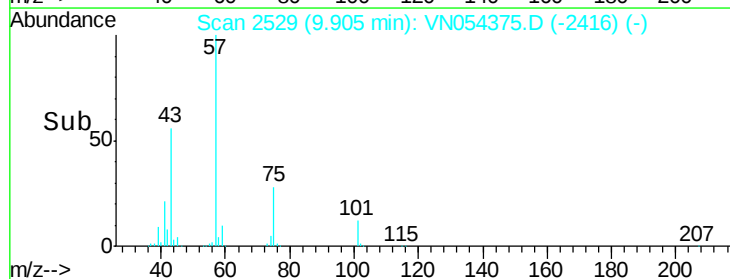
Abundance Ion 74.90 (74.60 to 75.60): VN0

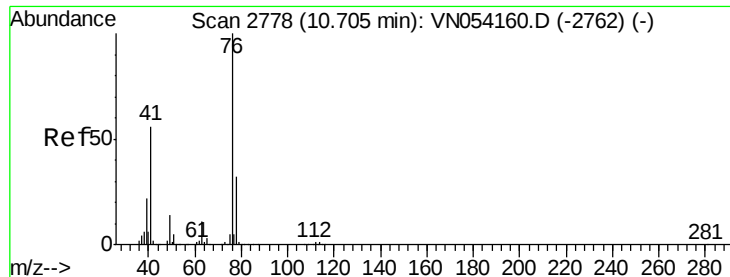
Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->

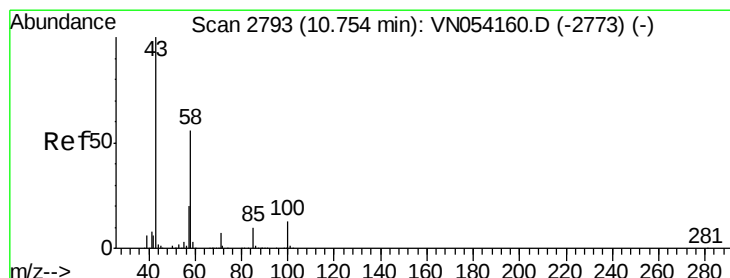
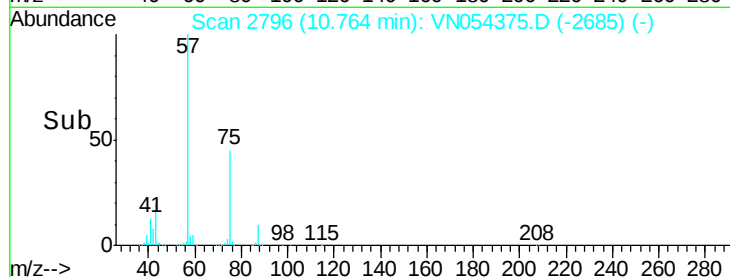
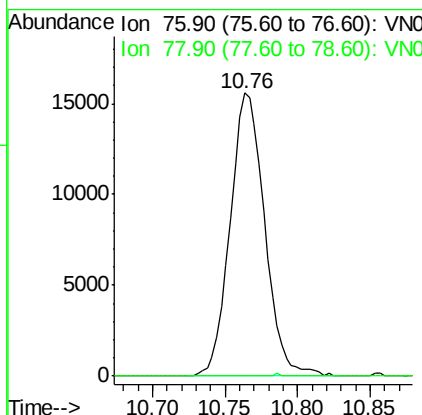
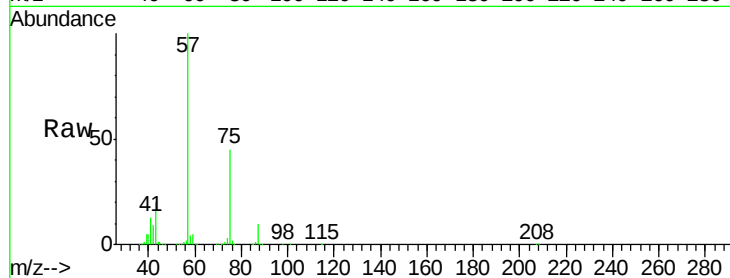




#57
 1,3-Dichloropropane
 Concen: 0.986 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054375.D
 Acq: 17 Mar 2019 9:39

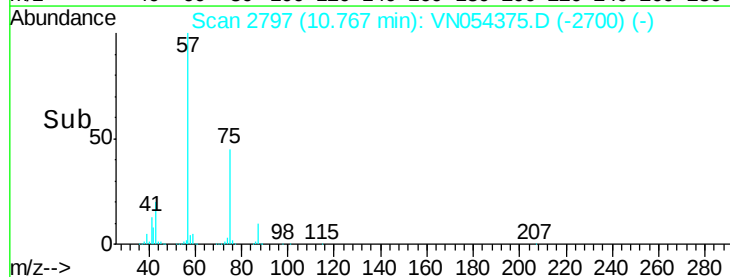
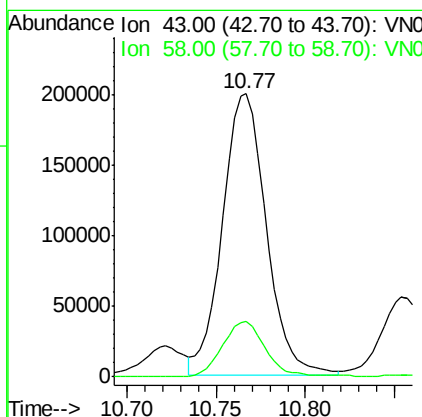
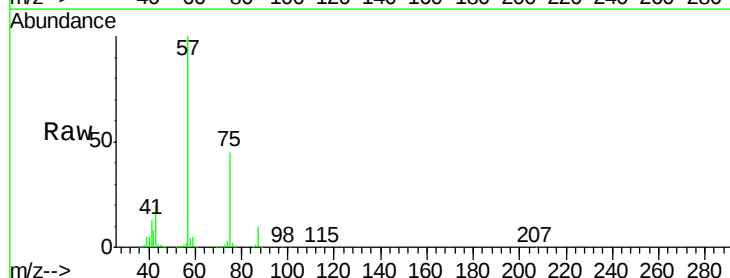
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-031519-D

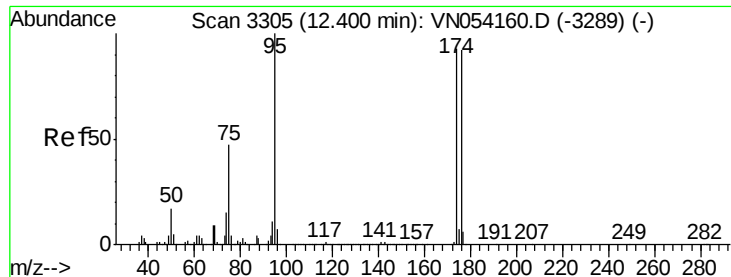
Tot Ion: 76 Resp: 25746
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 40.035 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN054375.D
 Acq: 17 Mar 2019 9:39

Tgt Ion: 43 Resp: 342551
 Ion Ratio Lower Upper
 43 100
 58 19.7 28.0 83.9#





#62

4-Bromofluorobenzene

Concen: 41.131 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

Instrument :

MSVOA_N

ClientSampled :

CL-01-031519-D

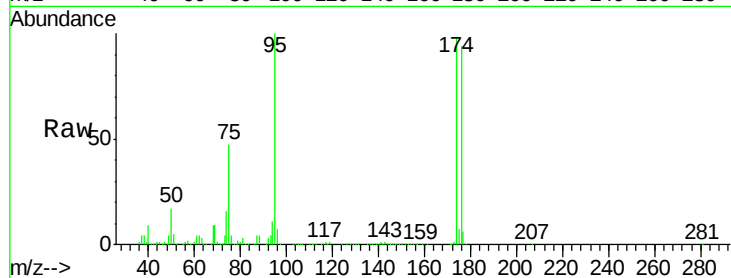
Tot Ion: 95 Resp: 896810

Ion Ratio Lower Upper

95 100

174 96.5 0.0 191.0

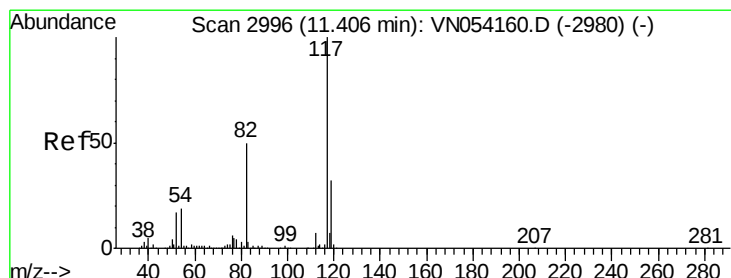
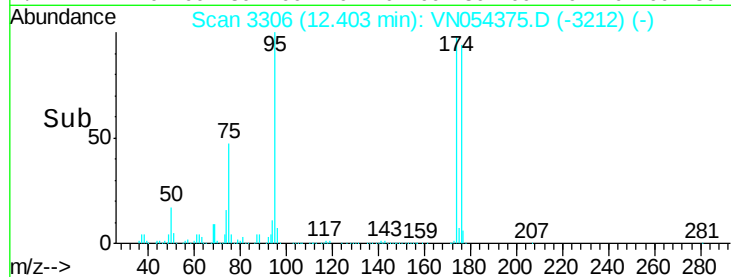
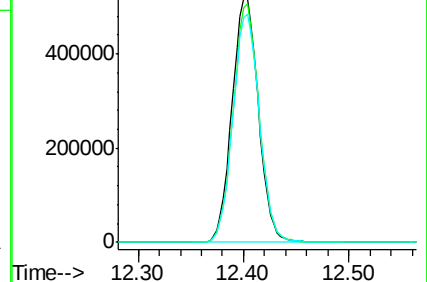
176 93.8 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054160.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN054160.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN054160.D (-3289) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

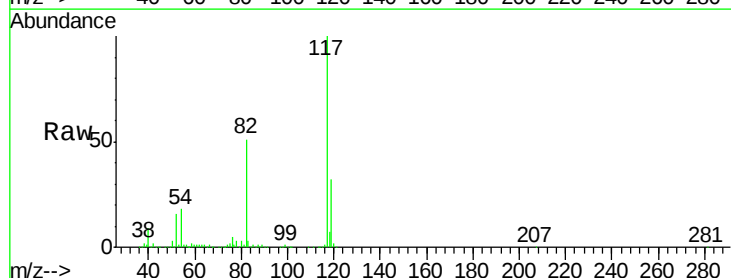
Tgt Ion: 117 Resp: 2209609

Ion Ratio Lower Upper

117 100

82 50.5 40.0 60.0

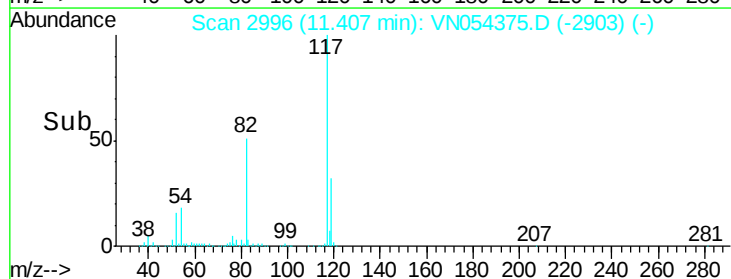
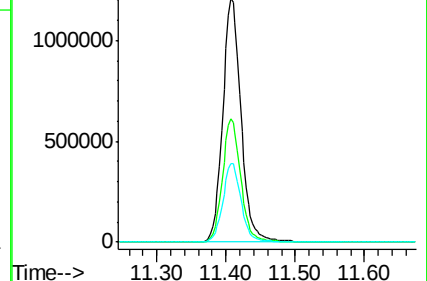
119 32.3 25.8 38.6

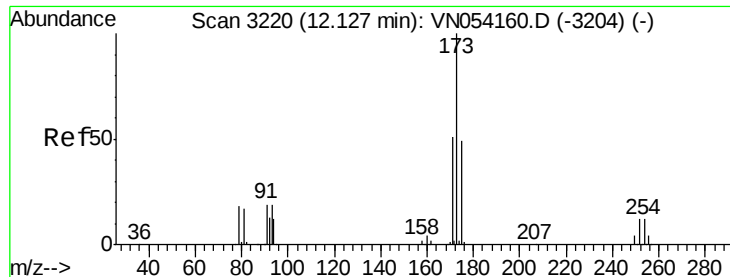


Abundance Ion 116.90 (116.60 to 117.60): VN054160.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN054160.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN054160.D (-2980) (-)





#71

Bromoform

Concen: 2.776 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-D

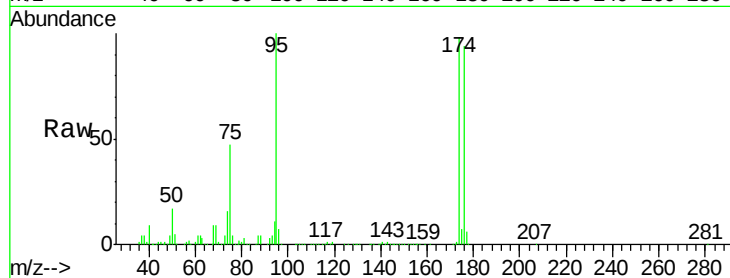
Tot Ion:173 Resp: 5997

Ion Ratio Lower Upper

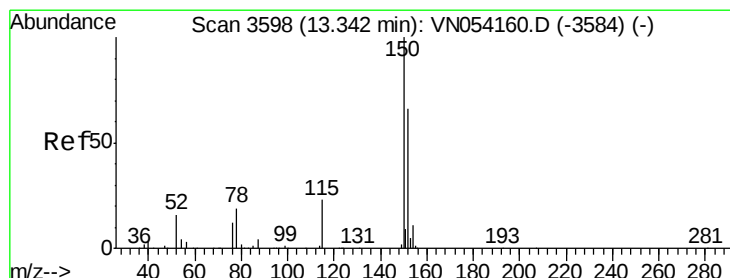
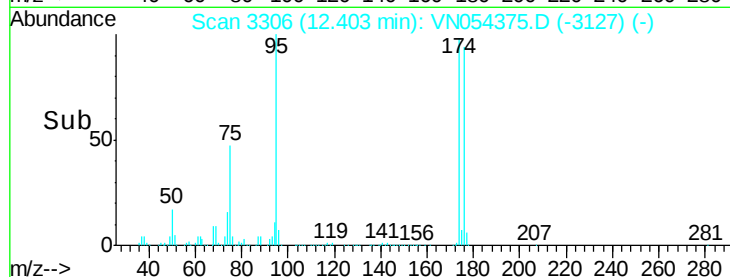
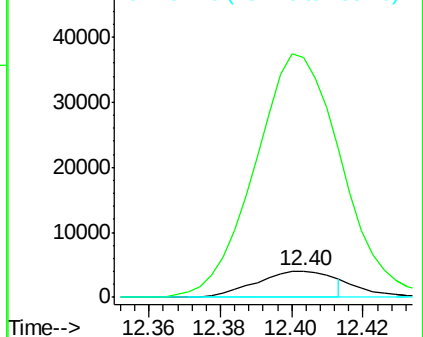
173 100

175 910.2 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: VN054375.D

Acq: 17 Mar 2019 9:39

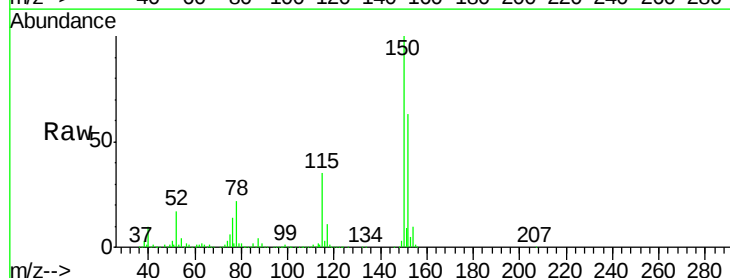
Tgt Ion:152 Resp: 814234

Ion Ratio Lower Upper

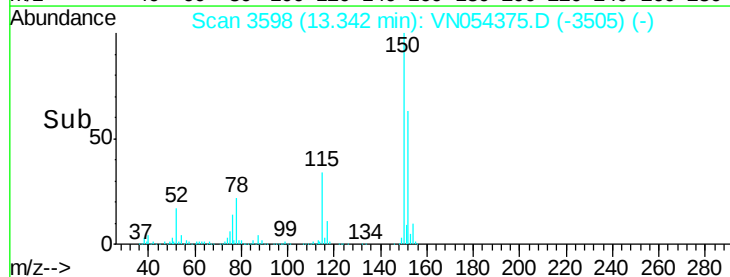
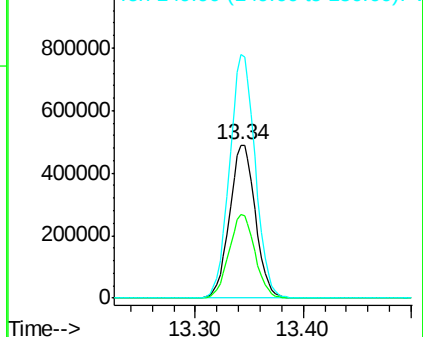
152 100

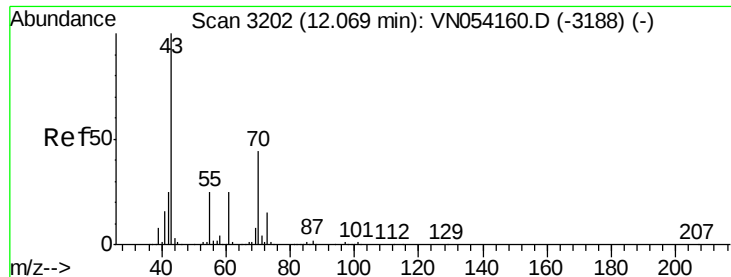
115 55.3 27.2 81.6

150 158.2 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: 2.207 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-D

Tot Ion: 43 Resp: 31911

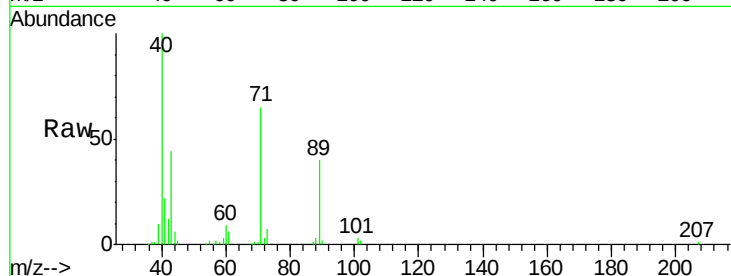
Ion Ratio Lower Upper

43 100

70 1.2 35.4 53.0#

55 5.6 19.8 29.6#

61 12.2 19.8 29.6#



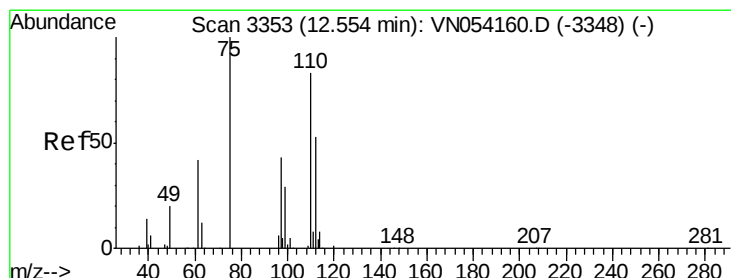
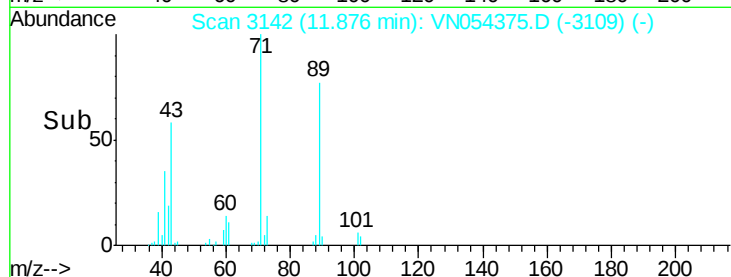
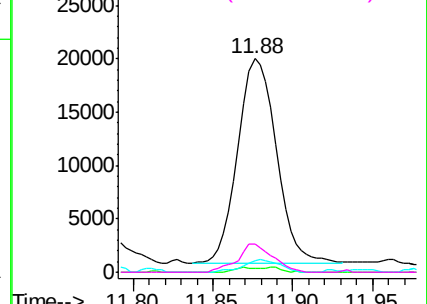
Abundance

Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 35.875 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054375.D

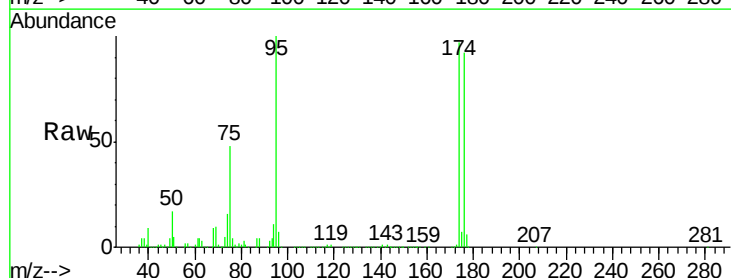
Acq: 17 Mar 2019 9:39

Tgt Ion: 75 Resp: 429557

Ion Ratio Lower Upper

75 100

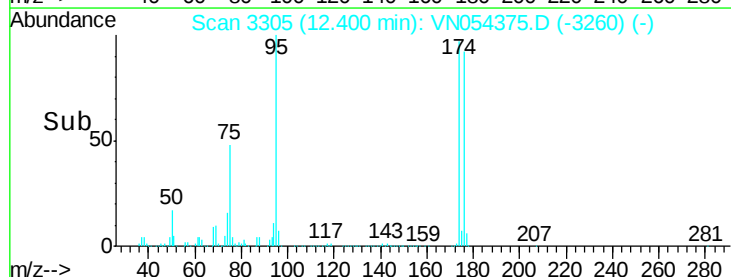
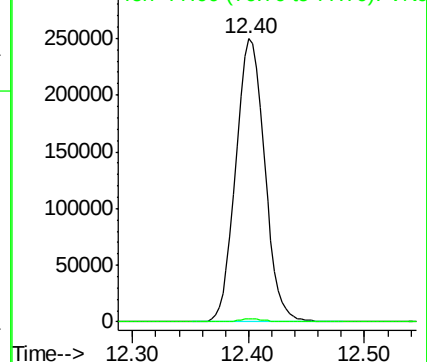
77 1.0 0.0 0.0#

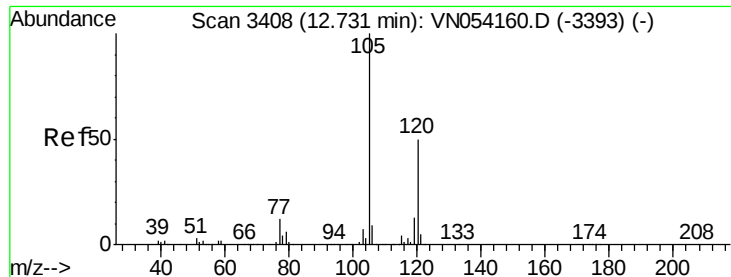


Abundance

Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#80

1,3,5-Trimethylbenzene

Concen: 0.290 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

Instrument :

MSVOA_N

ClientSampled :

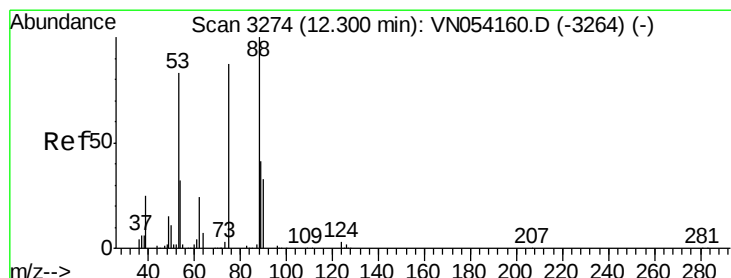
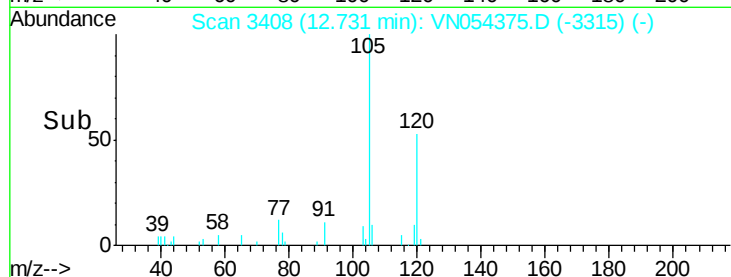
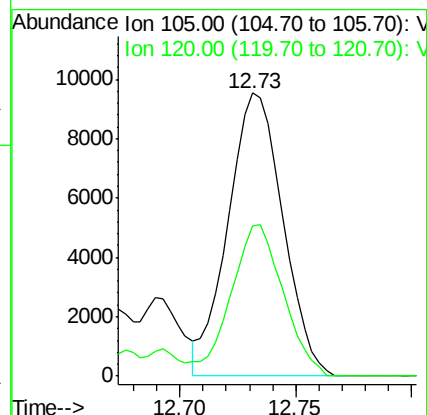
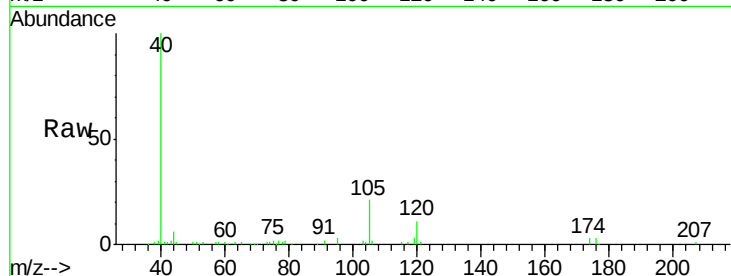
CL-01-031519-D

Tot Ion:105 Resp: 15691

Ion Ratio Lower Upper

105 100

120 50.8 25.0 75.0



#81

trans-1,4-Dichloro-2-butene

Concen: 122.637 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

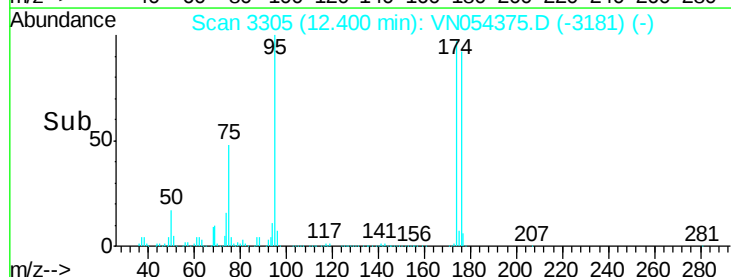
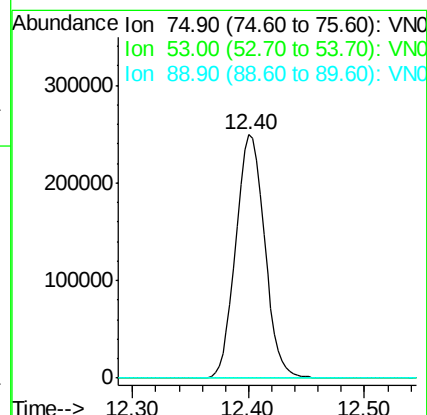
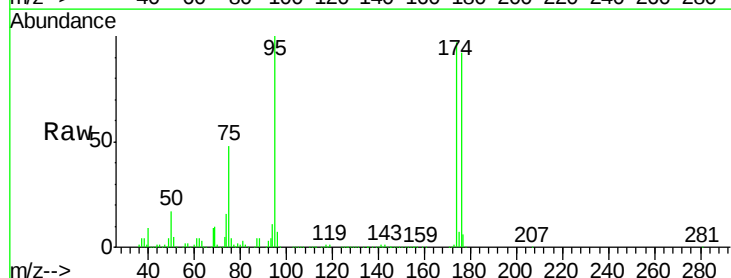
Tgt Ion: 75 Resp: 429557

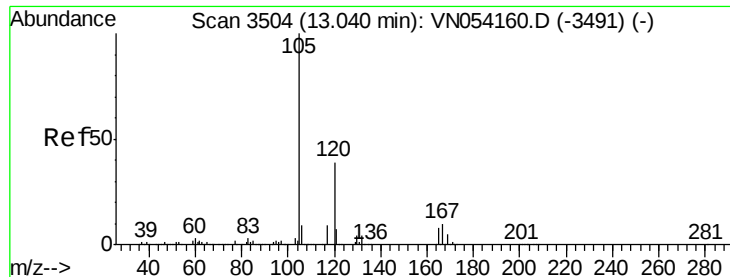
Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#





#84

1,2,4-Trimethylbenzene

Concen: 0.368 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

Instrument :

MSVOA_N

ClientSampled :

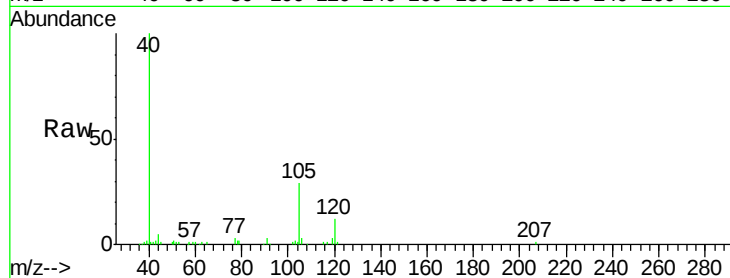
CL-01-031519-D

Tot Ion:105 Resp: 19544

Ion Ratio Lower Upper

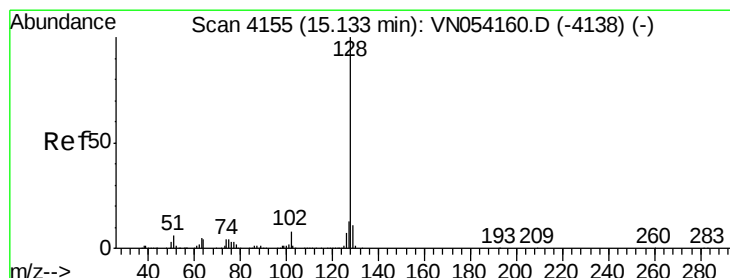
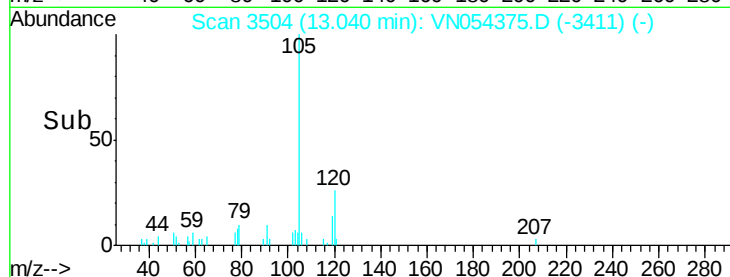
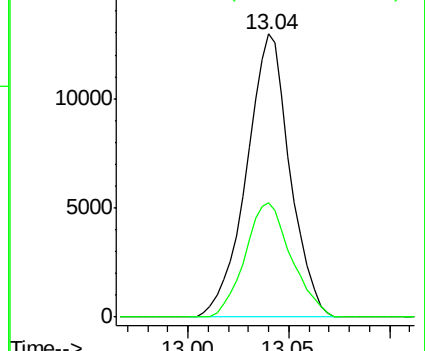
105 100

120 42.9 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 5.787 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

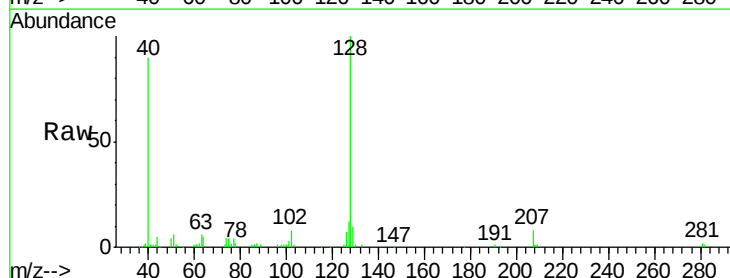
Tgt Ion:128 Resp: 88944

Ion Ratio Lower Upper

128 100

127 12.1 10.1 15.1

129 10.5 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

