

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082318\
 Data File : VN050846.D
 Acq On : 23 Aug 2018 12:18
 Operator : MD\SY
 Sample : PB112301TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 24 01:09:26 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	632665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1020097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	837494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	235986	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	408724	53.66	ug/l	0.00
Spiked Amount			Recovery	=	107.32%	
35) Dibromofluoromethane	7.59	113	388872	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
50) Toluene-d8	10.09	98	1394573	45.96	ug/l	0.00
Spiked Amount			Recovery	=	91.92%	
62) 4-Bromofluorobenzene	12.40	95	340748	33.80	ug/l	0.00
Spiked Amount			Recovery	=	67.60%	

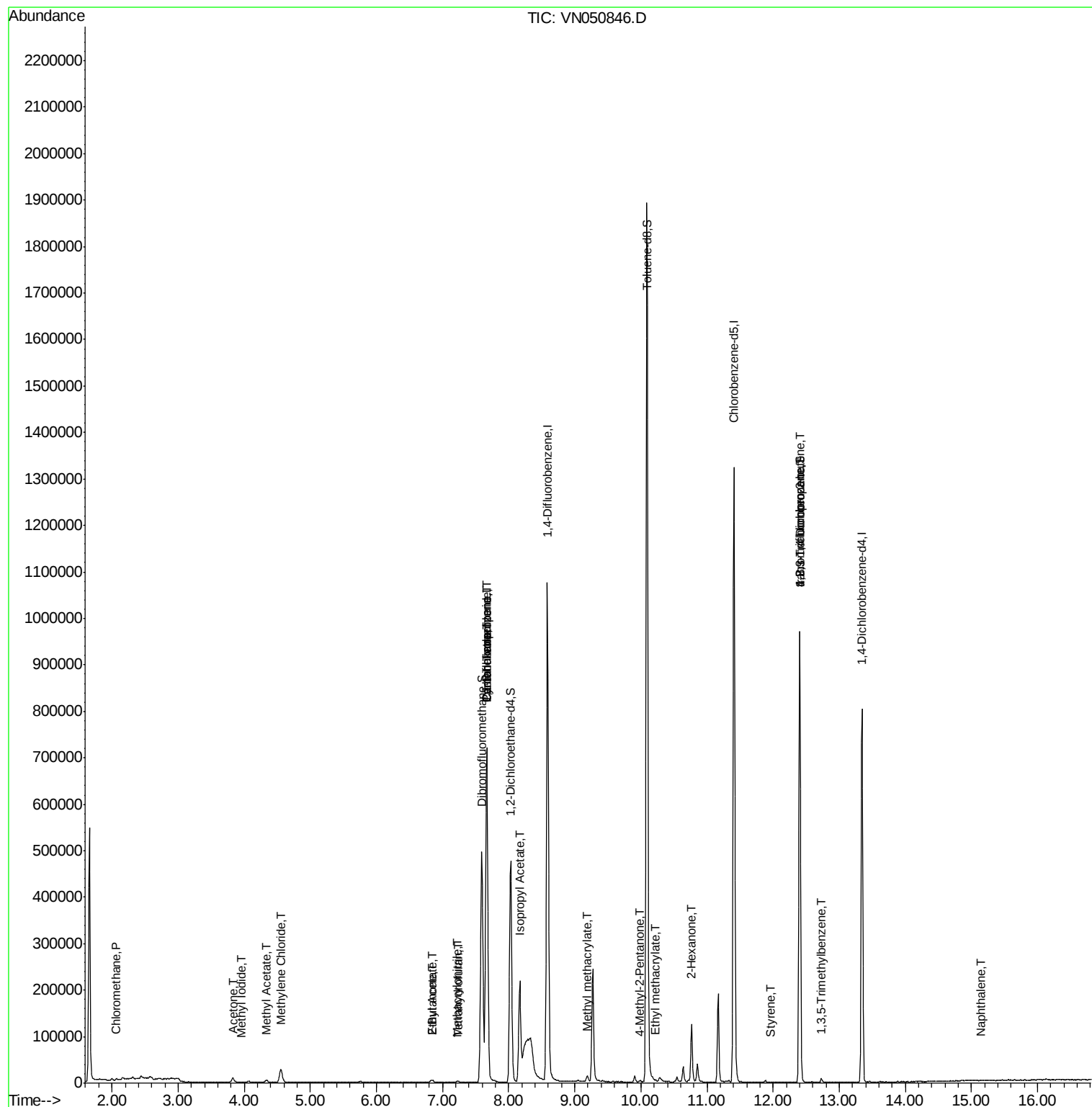
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2195	0.21	ug/l	94
5) Bromomethane	2.57	94	2949	Below	Cal	95
10) Methyl Iodide	3.95	142	629	6.42	ug/l #	57
16) Acetone	3.82	43	16972	2.41	ug/l	99
18) Methyl Acetate	4.34	43	10827	1.51	ug/l	95
20) Methylene Chloride	4.55	84	22952	2.67	ug/l	95
25) 2-Butanone	6.84	43	4891	1.59	ug/l	100
29) Tetrahydrofuran	7.22	42	3182	1.81	ug/l #	60
31) Cyclohexane	7.67	56	11179	1.32	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	42145	3.50	ug/l #	49
37) Ethyl Acetate	6.84	43	4891	0.71	ug/l #	69
38) Carbon Tetrachloride	7.67	117	55197	4.54	ug/l #	17
41) Methacrylonitrile	7.22	41	999	0.27	ug/l #	27
43) Isopropyl Acetate	8.17	43	259311	21.81	ug/l	98
48) Methyl methacrylate	9.18	41	7925	1.31	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	2709	0.38	ug/l #	77
56) Ethyl methacrylate	10.23	69	2171	2.55	ug/l #	78
59) 2-Hexanone	10.77	43	16395	3.47	ug/l #	58
70) Styrene	11.97	104	212	1.28	ug/l #	36
75) 1,1,2,2-Tetrachloroethane	12.40	83	58	Below	Cal #	1
76) 1,2,3-Trichloropropane	12.40	75	159973	38.70	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	3645	0.23	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	159973	130.84	ug/l #	15
95) Naphthalene	15.14	128	519	5.45	ug/l #	69

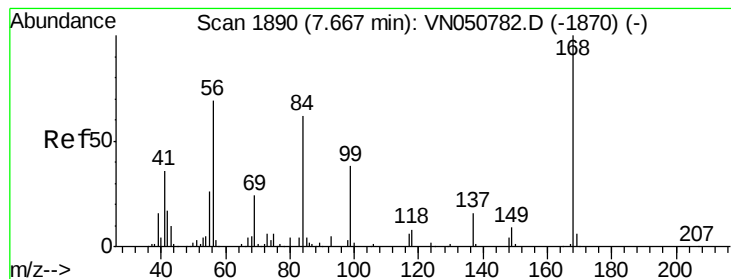
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082318\
Data File : VN050846.D
Acq On : 23 Aug 2018 12:18
Operator : MD\SY
Sample : PB112301TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 24 01:09:26 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050846.D

Acq: 23 Aug 2018 12:18

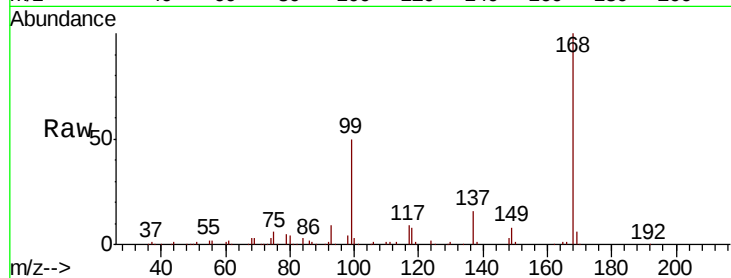
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 632665

Ion Ratio Lower Upper

168 100

99 49.9 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

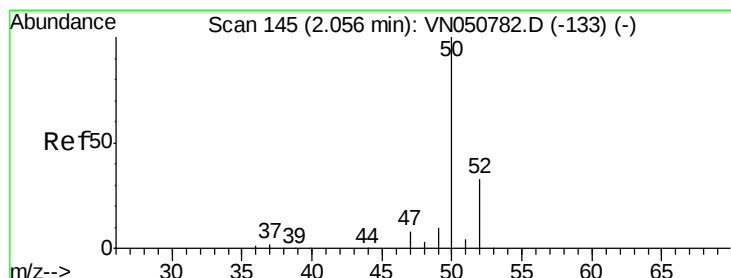
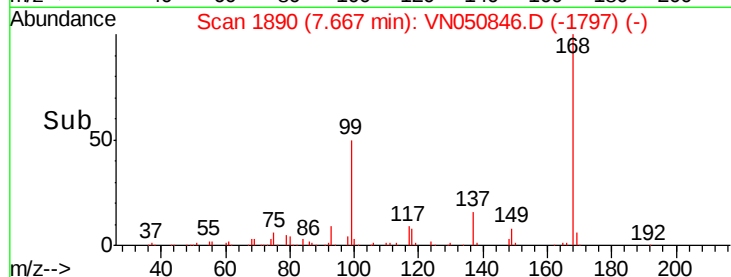
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.21 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050846.D

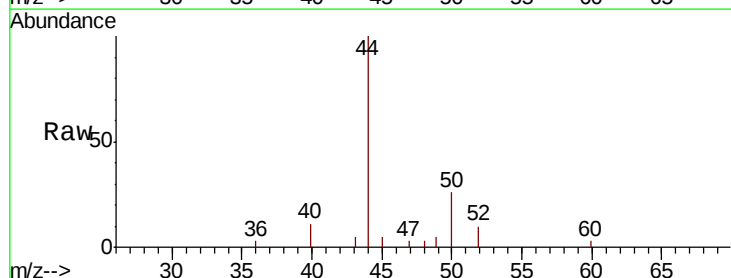
Acq: 23 Aug 2018 12:18

Tgt Ion: 50 Resp: 2195

Ion Ratio Lower Upper

50 100

52 36.4 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

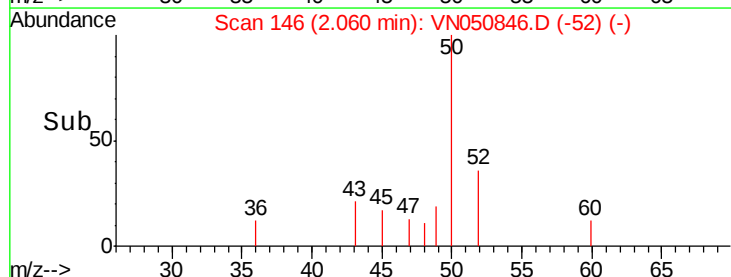
1500

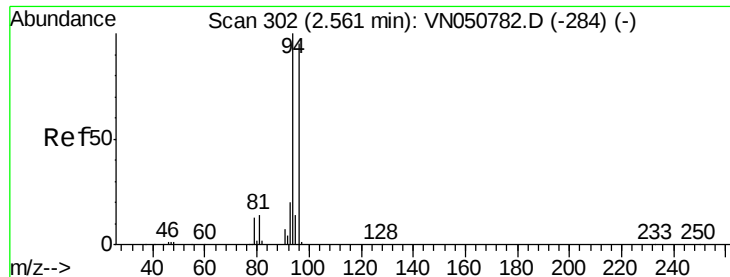
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN050846.D

Acq: 23 Aug 2018 12:18

Instrument :

MSVOA_N

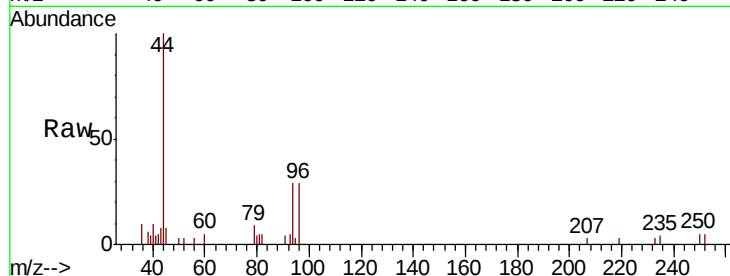
ClientSampleId :

Tot Ion: 94 Resp: 2949

Ion Ratio Lower Upper

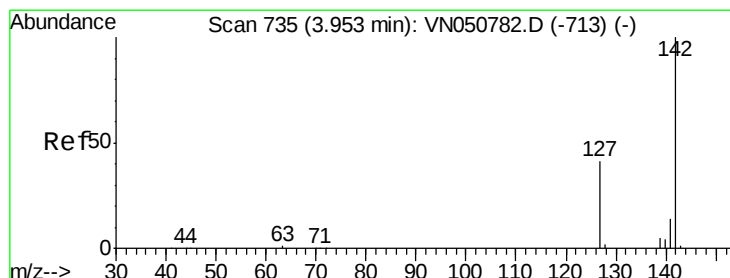
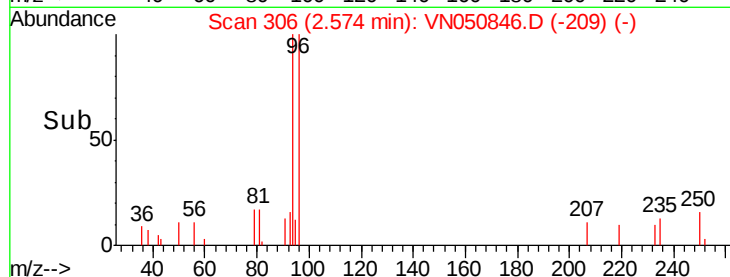
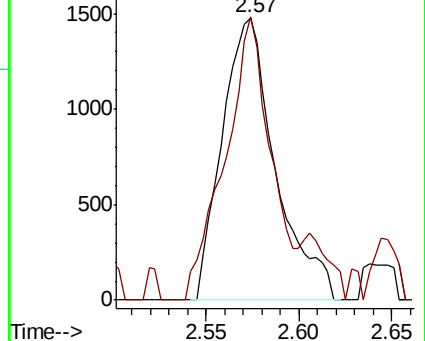
94 100

96 90.1 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#10

Methyl Iodide

Concen: 6.42 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN050846.D

Acq: 23 Aug 2018 12:18

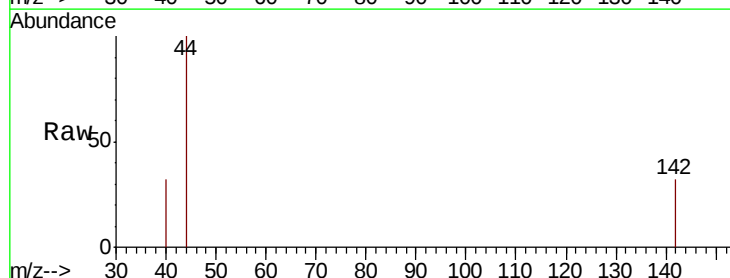
Tgt Ion: 142 Resp: 629

Ion Ratio Lower Upper

142 100

127 11.3 31.7 47.5#

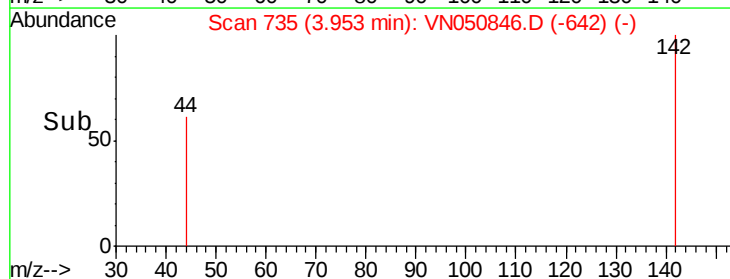
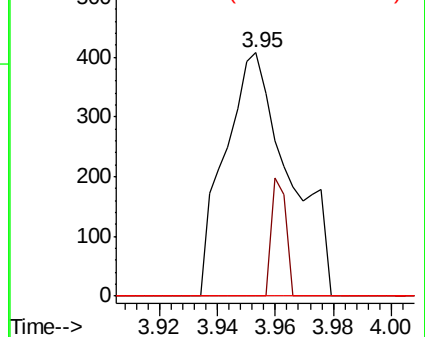
141 0.0 11.4 17.0#

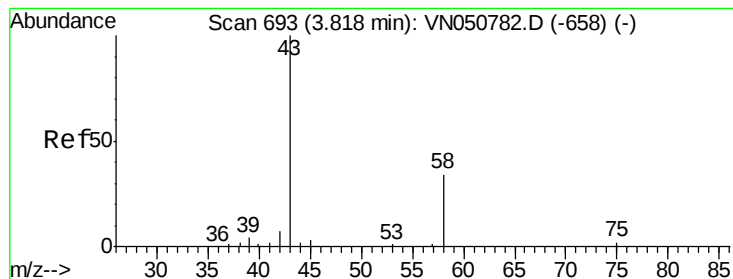


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 2.41 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050846.D

Acq: 23 Aug 2018 12:18

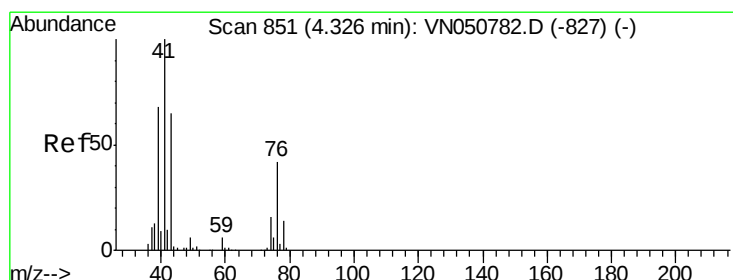
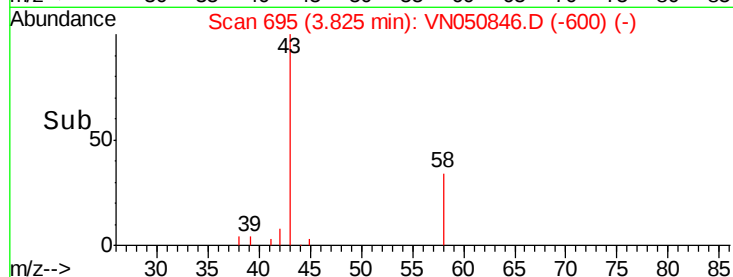
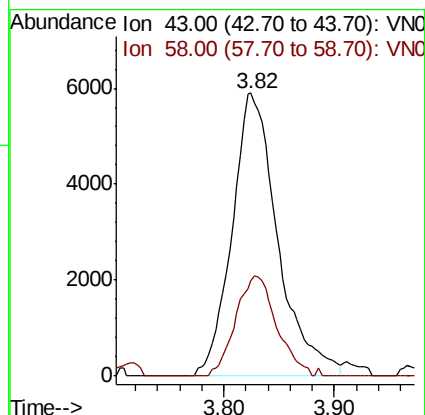
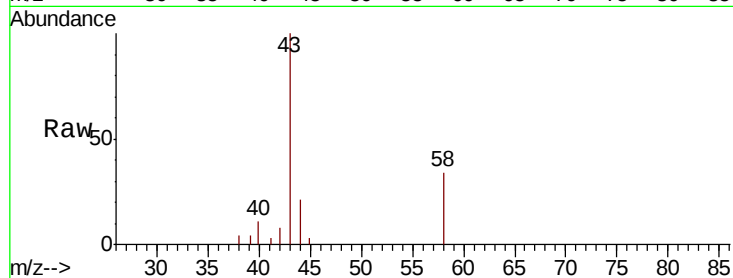
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 16972

Ion Ratio Lower Upper

43 100

58 33.6 27.2 40.8



#18

Methyl Acetate

Concen: 1.51 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN050846.D

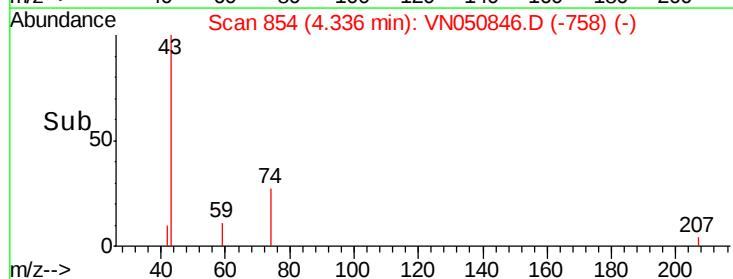
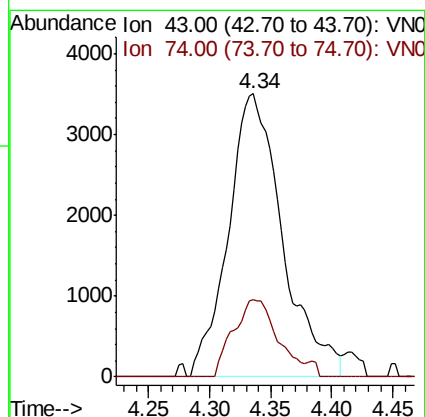
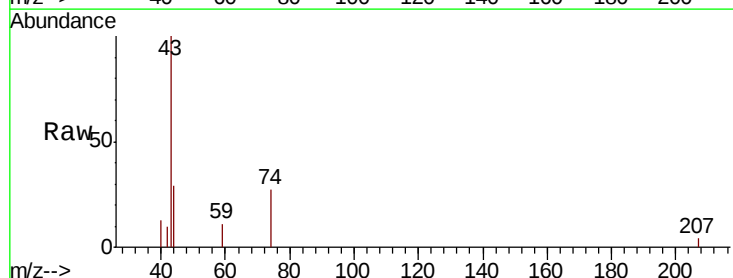
Acq: 23 Aug 2018 12:18

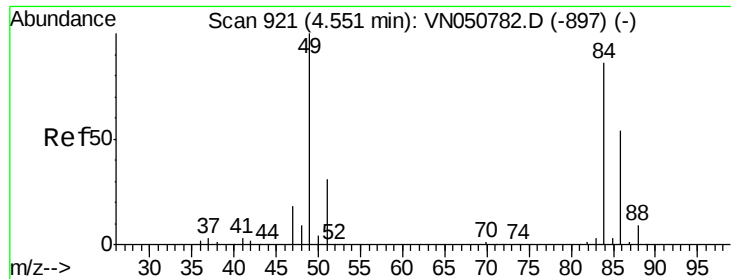
Tgt Ion: 43 Resp: 10827

Ion Ratio Lower Upper

43 100

74 22.1 19.8 29.8

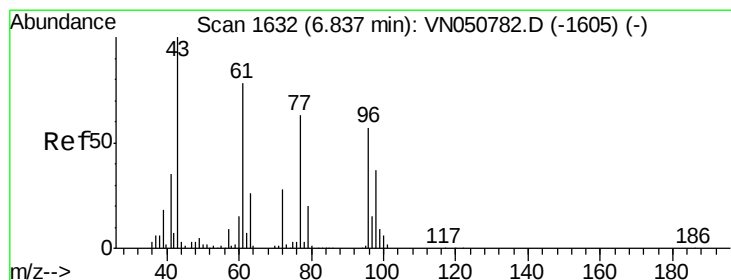
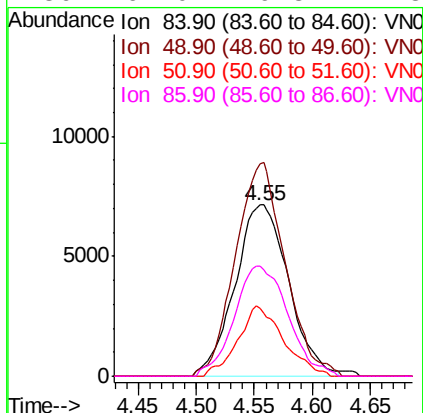
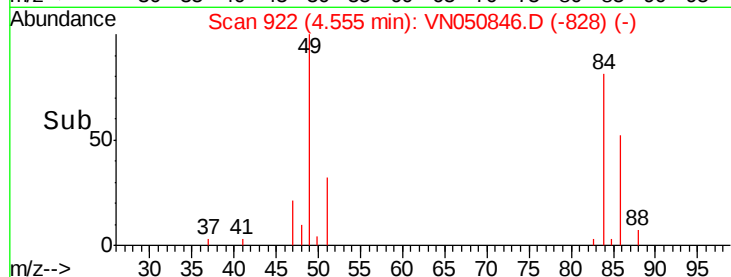
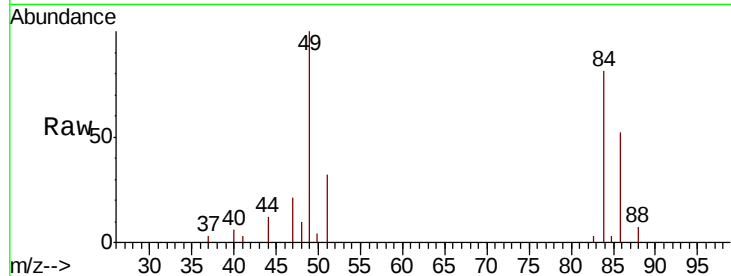




#20
Methvlene Chloride
Concen: 2.67 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050846.D
Acq: 23 Aug 2018 12:18

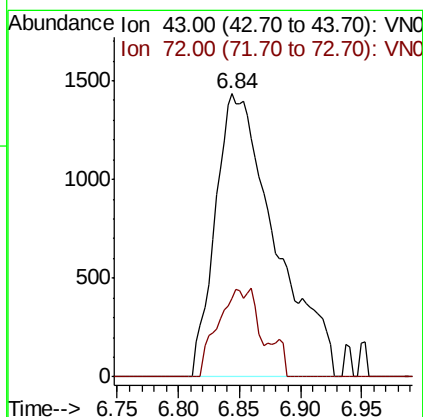
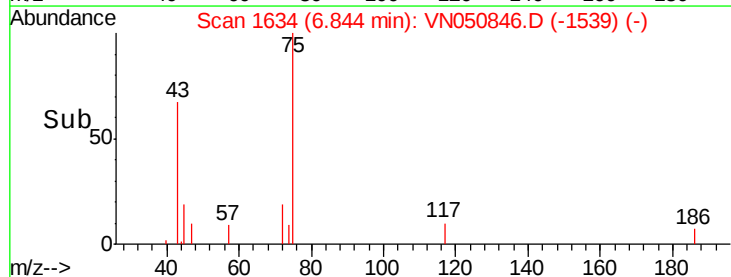
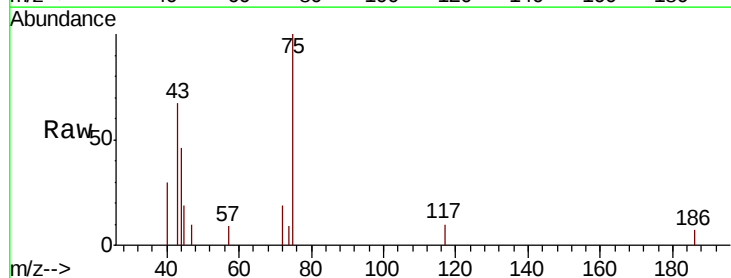
Instrument :
MSVOA_N
ClientSampled :

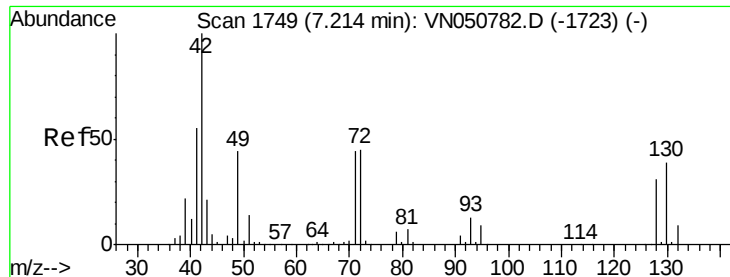
Tot Ion: 84 Resp: 22952
Ion Ratio Lower Upper
84 100
49 124.2 93.2 139.8
51 39.9 29.0 43.6
86 64.0 49.8 74.8



#25
2-Butanone
Concen: 1.59 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.01 min
Lab File: VN050846.D
Acq: 23 Aug 2018 12:18

Tgt Ion: 43 Resp: 4891
Ion Ratio Lower Upper
43 100
72 27.9 22.3 33.5





#29

Tetrahydrofuran

Concen: 1.81 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VN050846.D

Acq: 23 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampled :

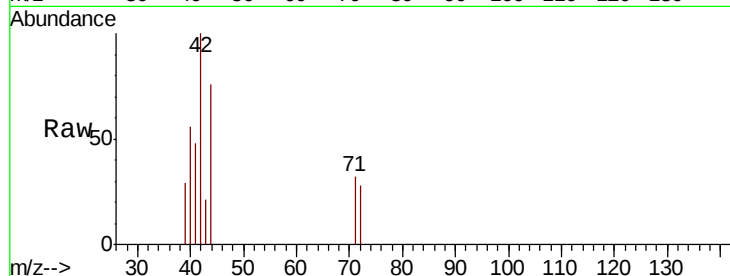
Tot Ion: 42 Resp: 3182

Ion Ratio Lower Upper

42 100

72 20.3 35.5 53.3#

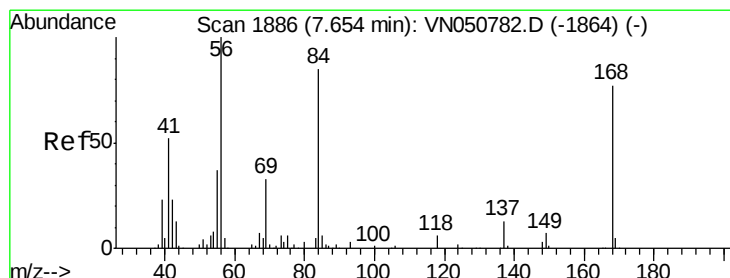
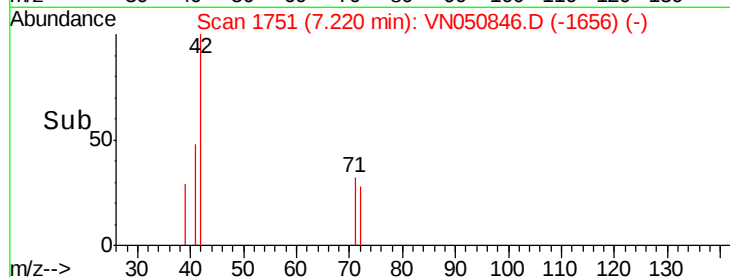
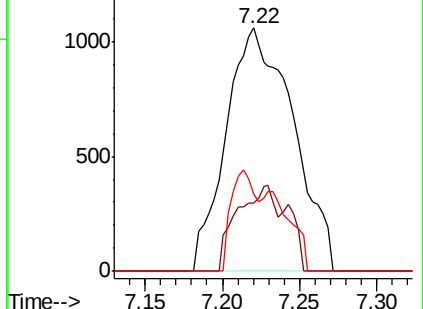
71 15.1 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 1.32 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.02 min

Lab File: VN050846.D

Acq: 23 Aug 2018 12:18

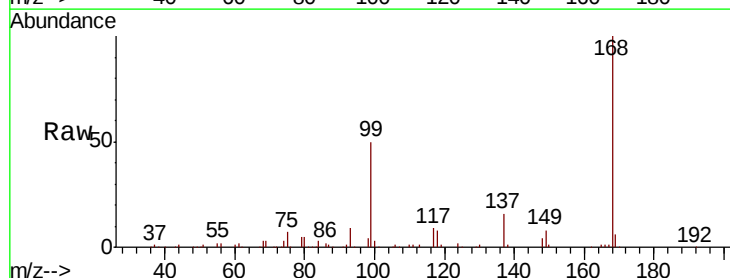
Tgt Ion: 56 Resp: 11179

Ion Ratio Lower Upper

56 100

69 187.1 26.2 39.4#

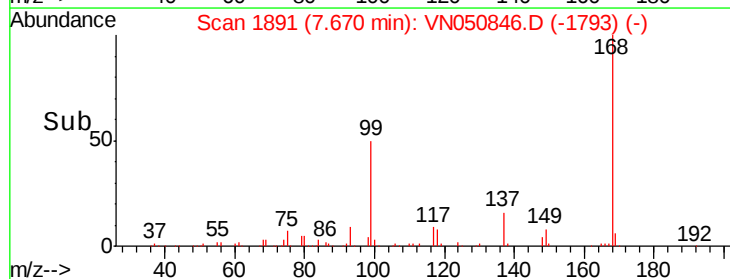
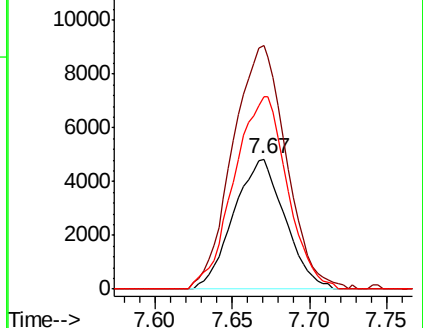
84 148.0 68.3 102.5#

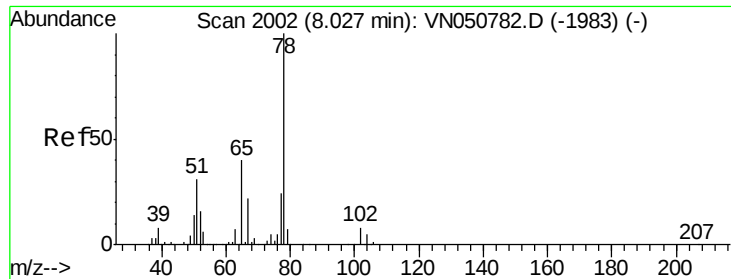


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

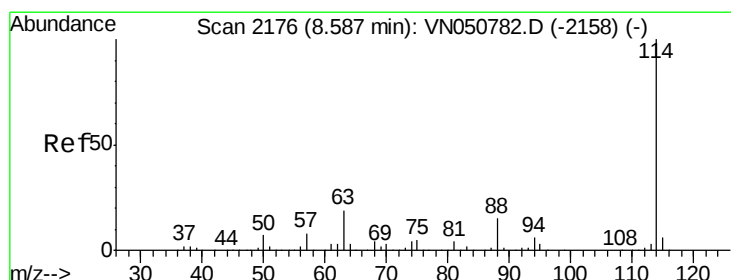
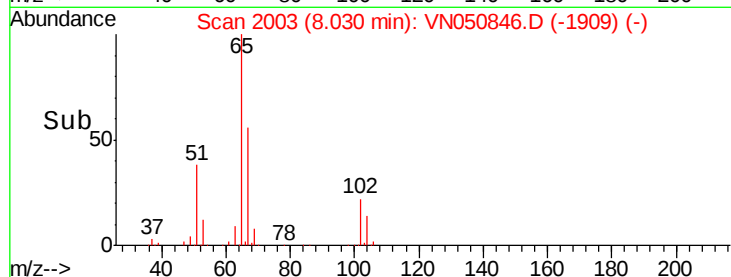
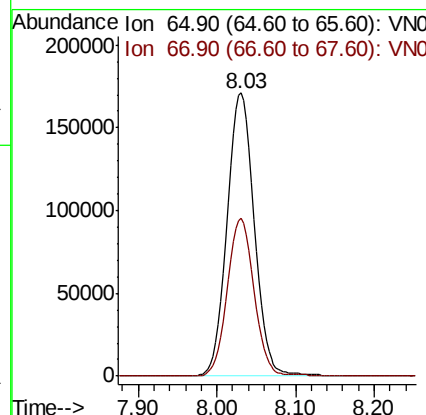
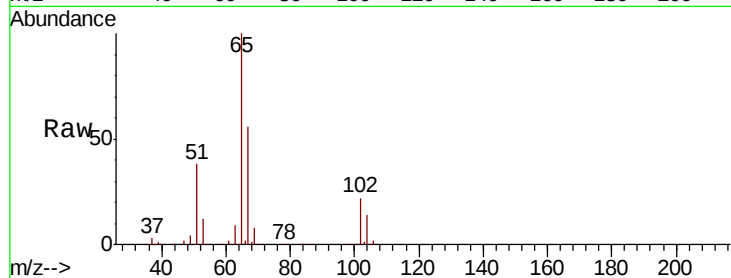




#33
 1,2-Dichloroethane-d4
 Concen: 53.66 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050846.D
 Acq: 23 Aug 2018 12:18

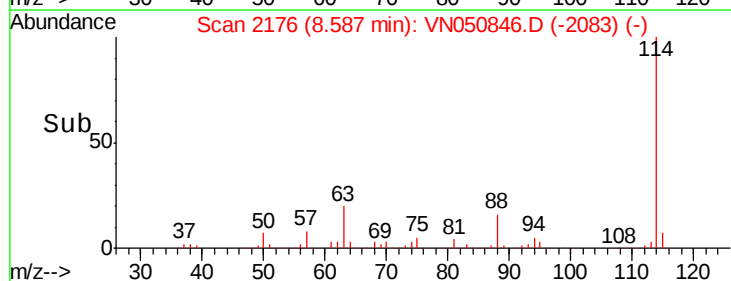
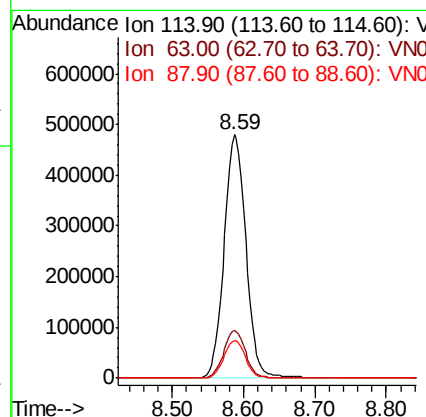
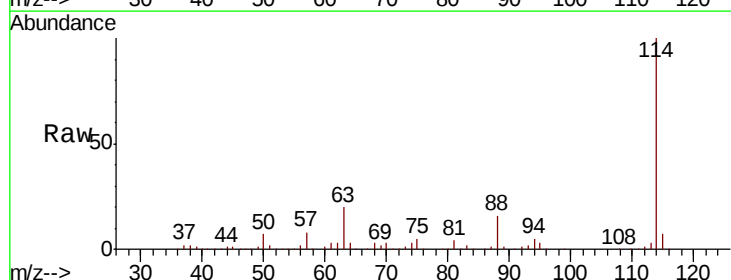
Instrument :
 MSVOA_N
 ClientSampleId :

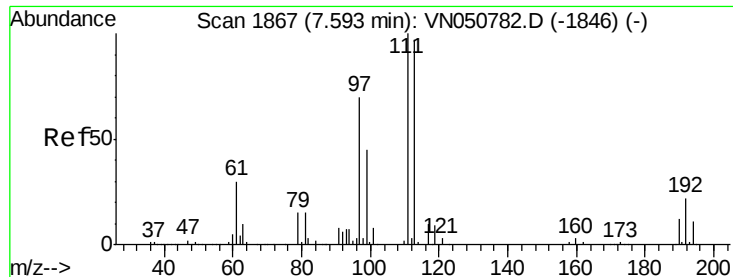
Tot Ion: 65 Resp: 408724
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050846.D
 Acq: 23 Aug 2018 12:18

Tgt Ion: 114 Resp: 1020097
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.6
 88 15.7 0.0 30.6

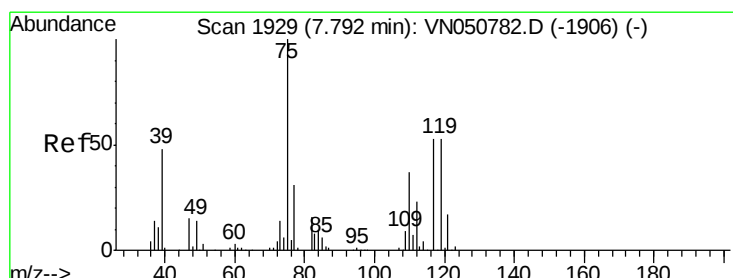
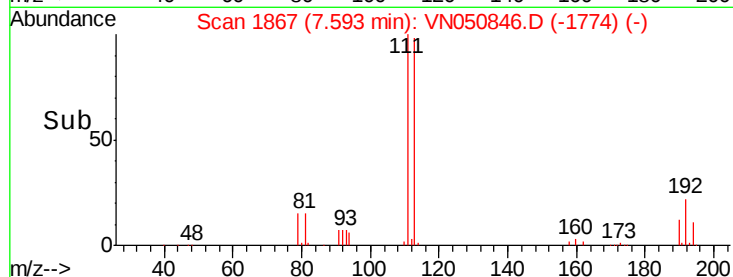
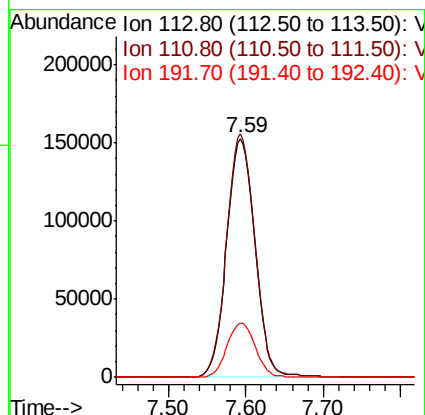
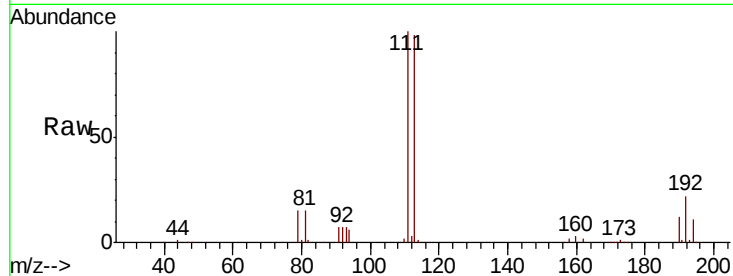




#35
 Dibromofluoromethane
 Concen: 47.92 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050846.D
 Acq: 23 Aug 2018 12:18

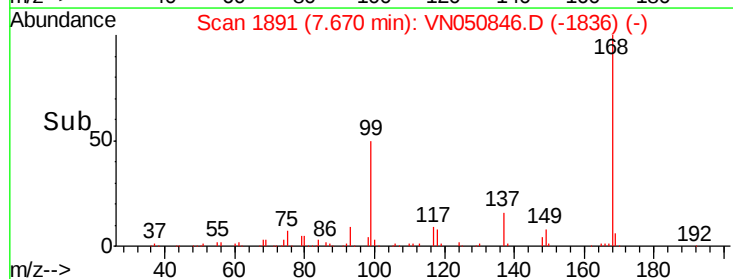
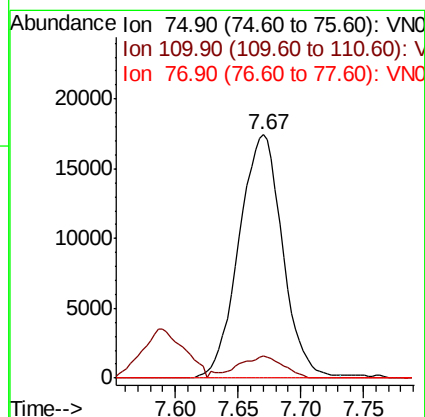
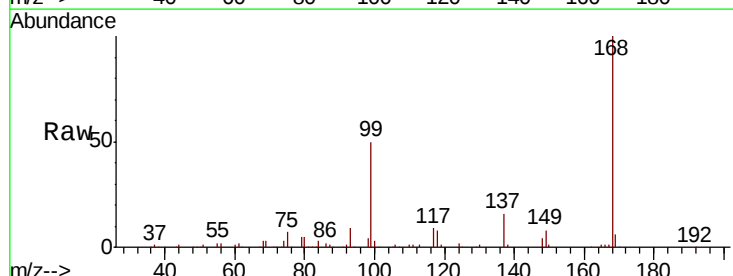
Instrument :
 MSVOA_N
 ClientSampleId :

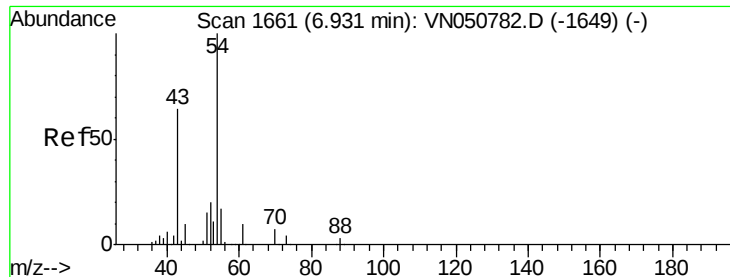
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	123.8
192	22.7	18.0	27.0



#36
 1,1-Dichloropropene
 Concen: 3.50 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.12 min
 Lab File: VN050846.D
 Acq: 23 Aug 2018 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.4#
77	0.0	24.8	37.2#

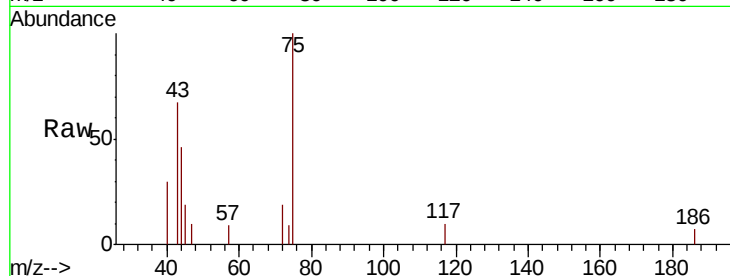




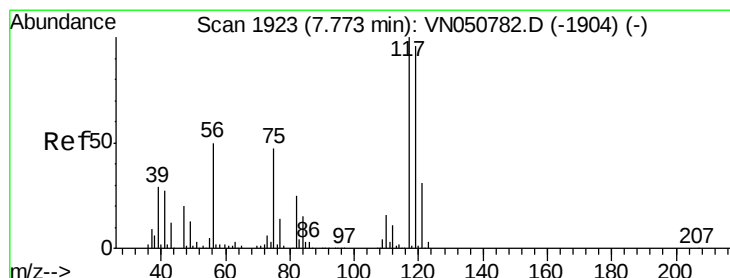
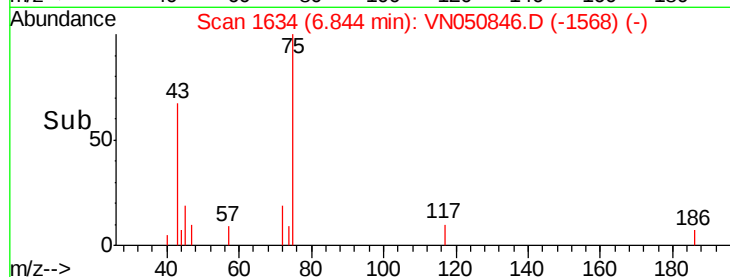
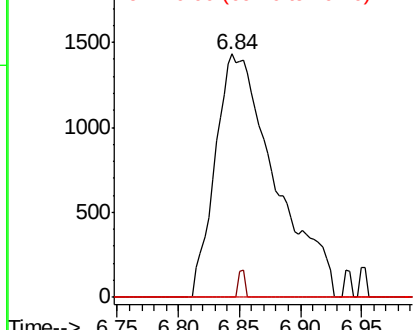
#37
Ethyl Acetate
Concen: 0.71 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. -0.09 min
Lab File: VN050846.D
Acq: 23 Aug 2018 12:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 4891
Ion Ratio Lower Upper
43 100
61 1.2 12.0 18.0#
70 0.0 8.6 13.0#

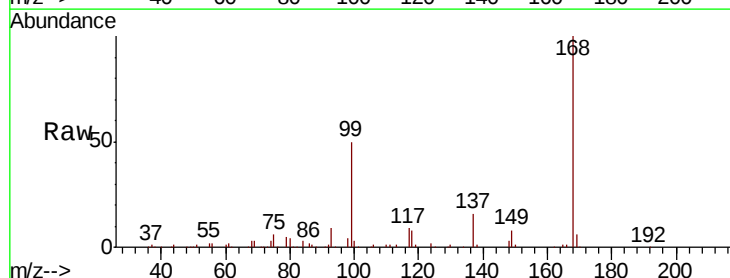


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

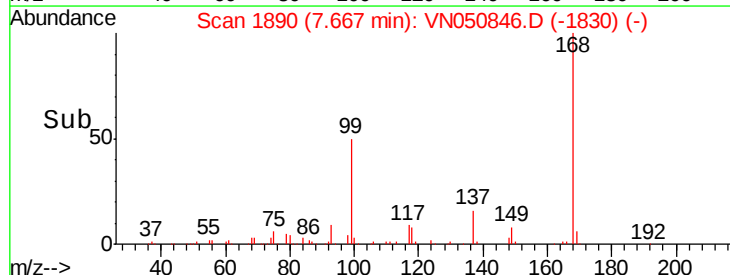
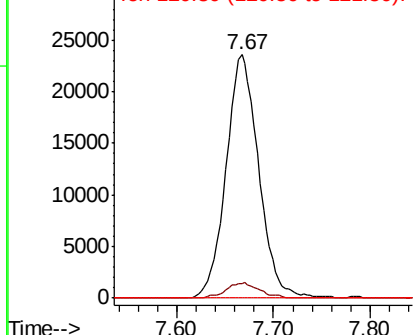


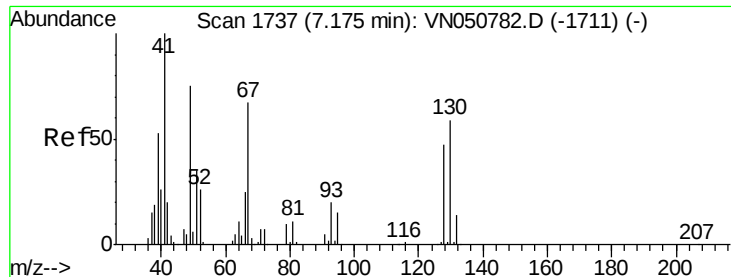
#38
Carbon Tetrachloride
Concen: 4.54 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050846.D
Acq: 23 Aug 2018 12:18

Tgt Ion: 117 Resp: 55197
Ion Ratio Lower Upper
117 100
119 6.2 76.3 114.5#
121 0.0 24.6 36.8#



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

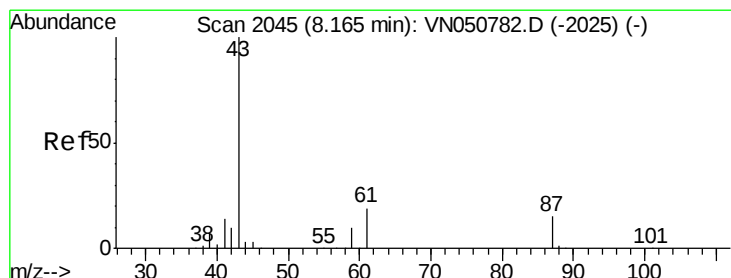
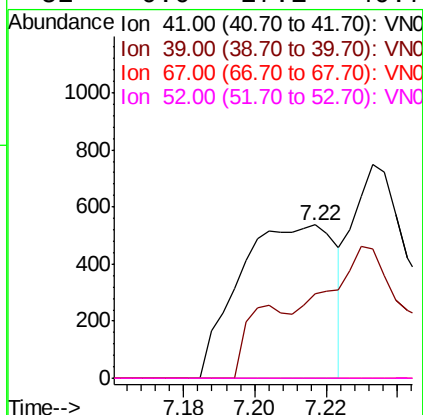
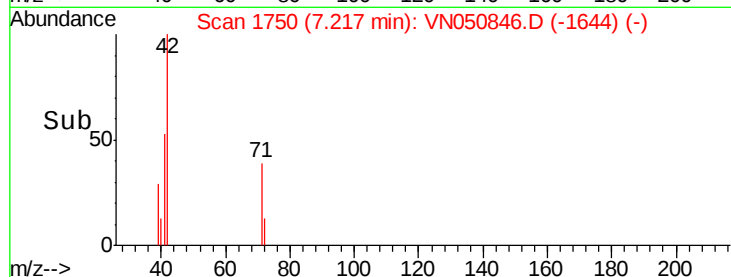
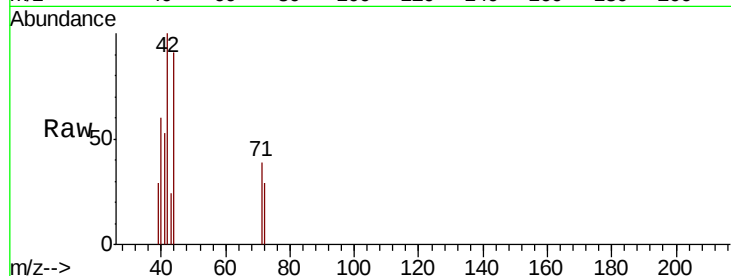




#41
Methacrylonitrile
Concen: 0.27 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.04 min
Lab File: VN050846.D
Acq: 23 Aug 2018 12:18

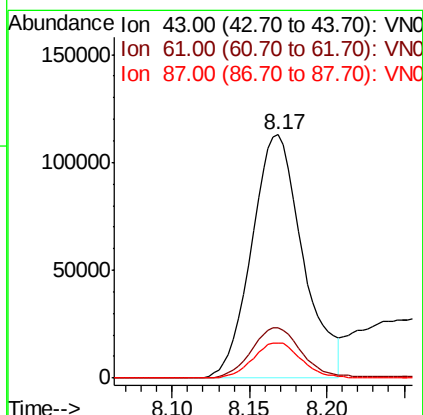
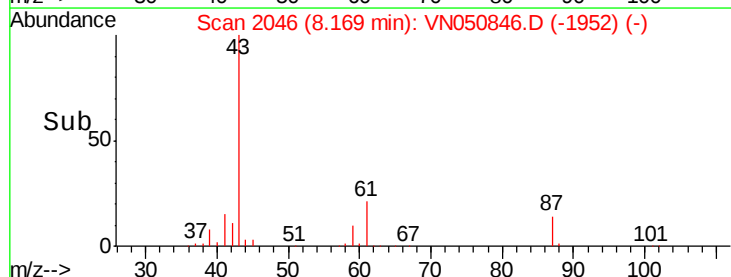
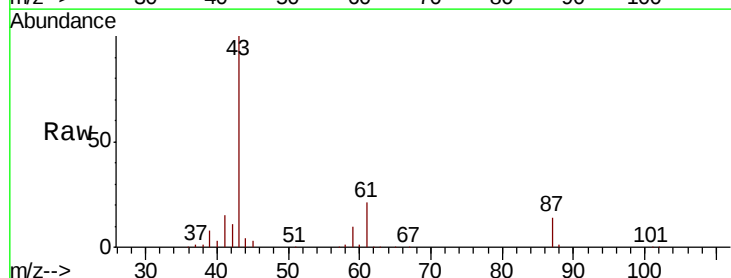
Instrument :
MSVOA_N
ClientSampled :

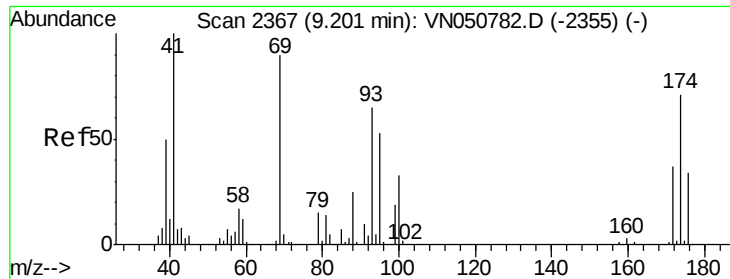
Tot Ion: 41 Resp: 999
Ion Ratio Lower Upper
41 100
39 22.2 45.4 68.0#
67 0.0 70.6 106.0#
52 0.0 27.1 40.7#



#43
Isopropyl Acetate
Concen: 21.81 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050846.D
Acq: 23 Aug 2018 12:18

Tgt Ion: 43 Resp: 259311
Ion Ratio Lower Upper
43 100
61 20.6 17.5 26.3
87 13.7 11.3 16.9

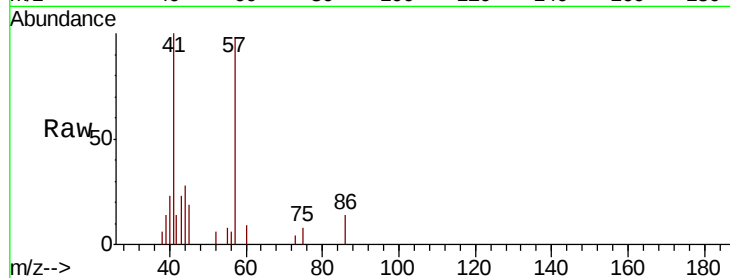




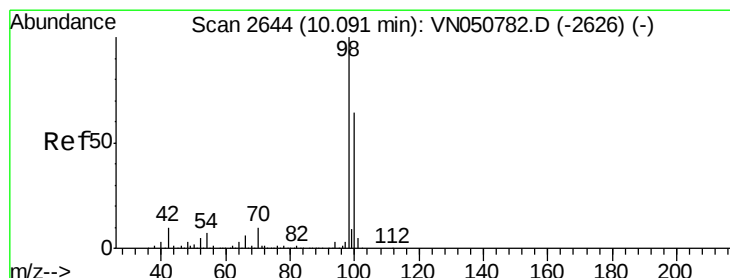
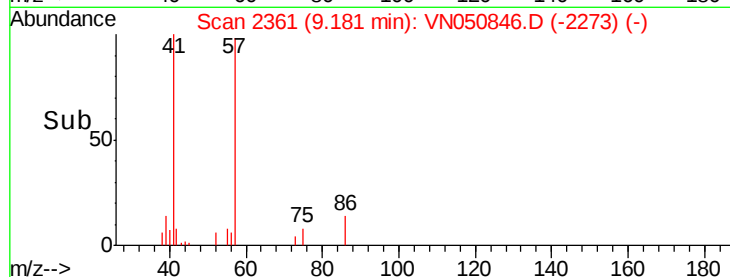
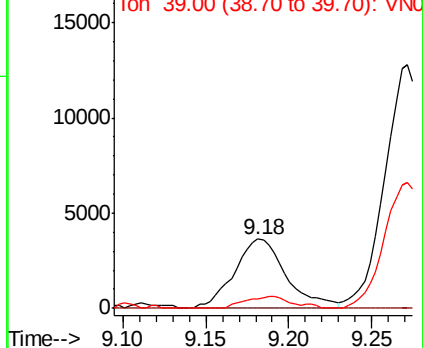
#48
Methyl methacrylate
Concen: 1.31 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050846.D
Acq: 23 Aug 2018 12:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 7925
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 14.1 42.2 63.2#

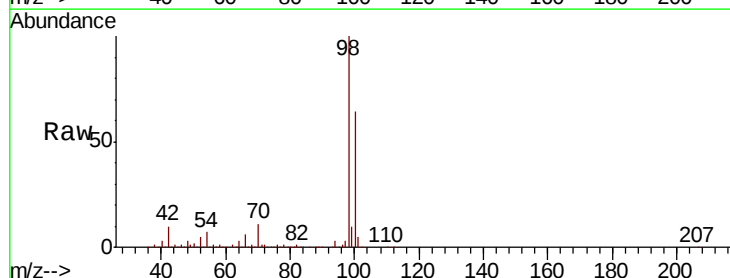


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

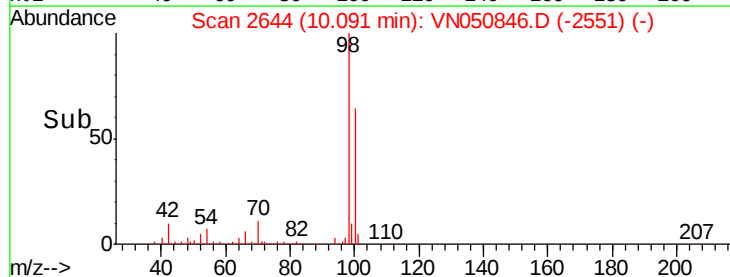
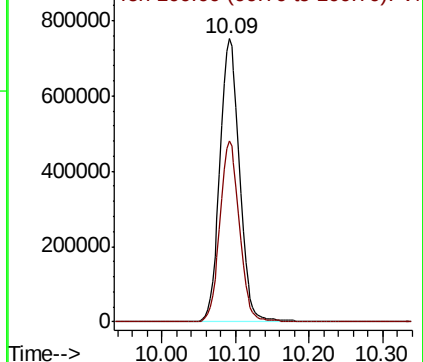


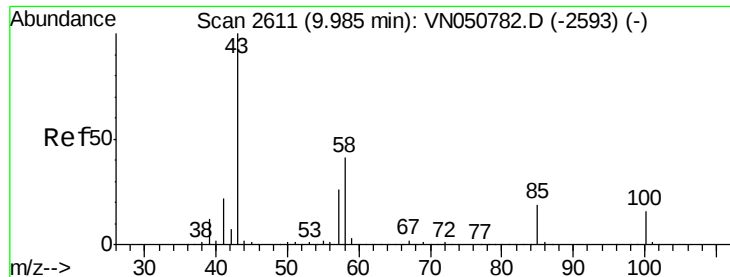
#50
Toluene-d8
Concen: 45.96 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050846.D
Acq: 23 Aug 2018 12:18

Tgt Ion: 98 Resp: 1394573
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3



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: 0.38 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. 0.00 min

Lab File: VN050846.D

Acq: 23 Aug 2018 12:18

Instrument :

MSVOA_N

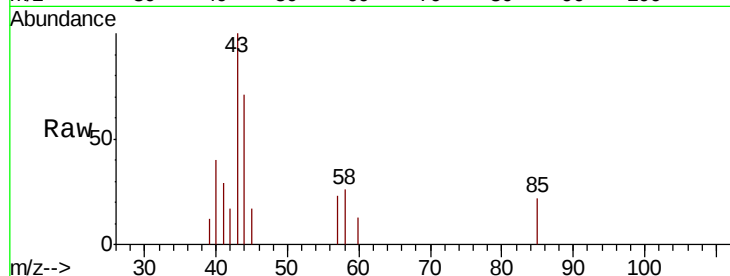
ClientSampleId :

Tot Ion: 43 Resp: 2709

Ion Ratio Lower Upper

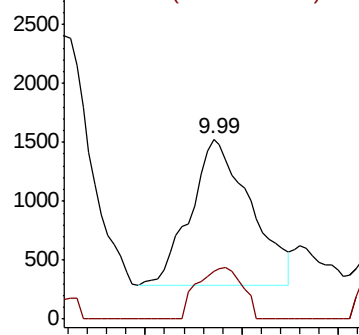
43 100

58 26.2 32.4 48.6#

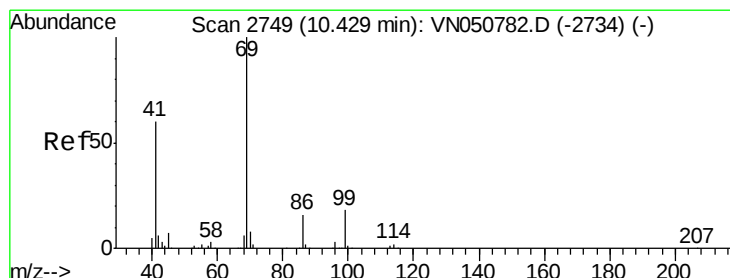
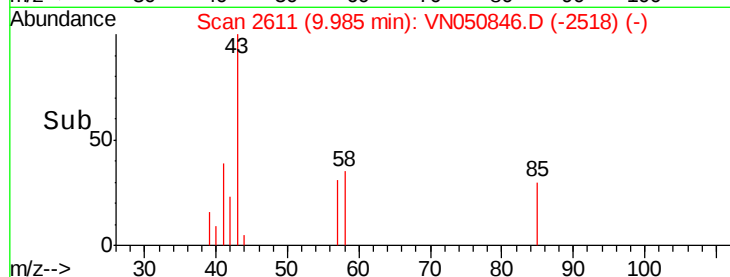


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#56

Ethyl methacrylate

Concen: 2.55 ug/l

RT: 10.23 min Scan# 2687

Delta R.T. -0.20 min

Lab File: VN050846.D

Acq: 23 Aug 2018 12:18

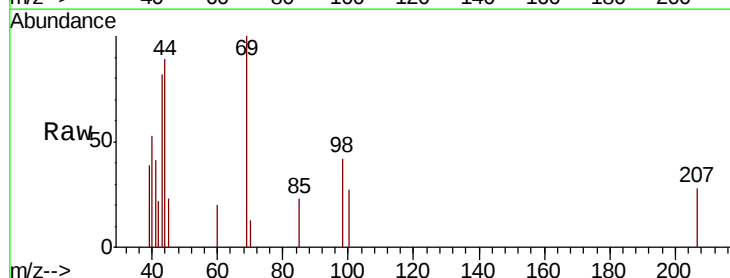
Tgt Ion: 69 Resp: 2171

Ion Ratio Lower Upper

69 100

41 46.5 48.3 72.5#

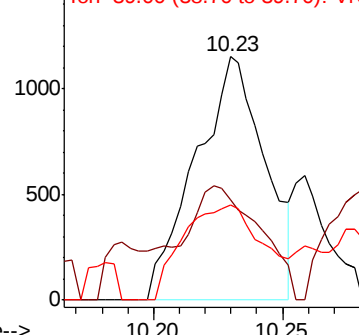
39 45.2 24.0 36.0#



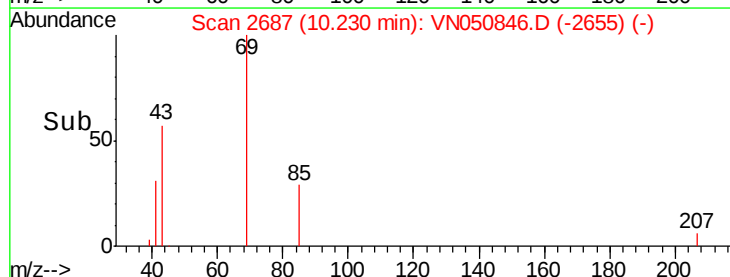
Abundance Ion 69.00 (68.70 to 69.70): VN0

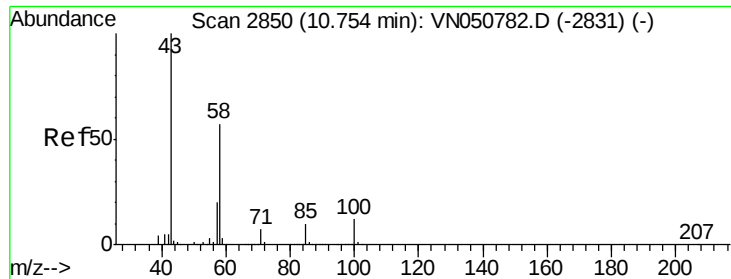
Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->

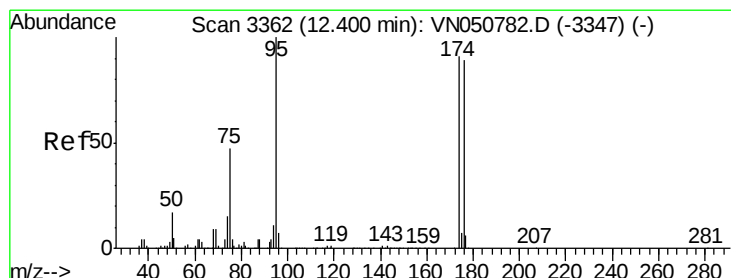
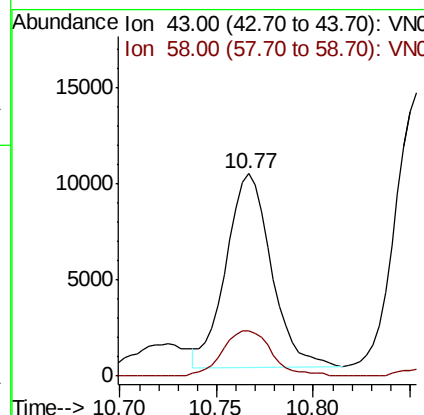
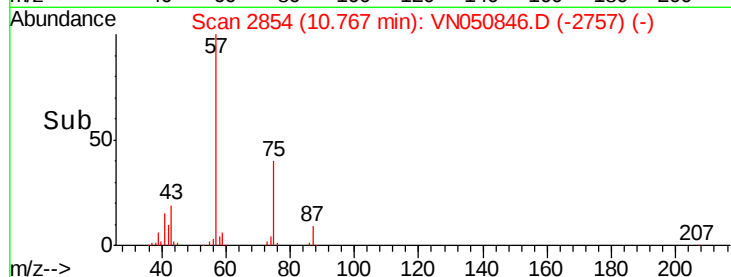
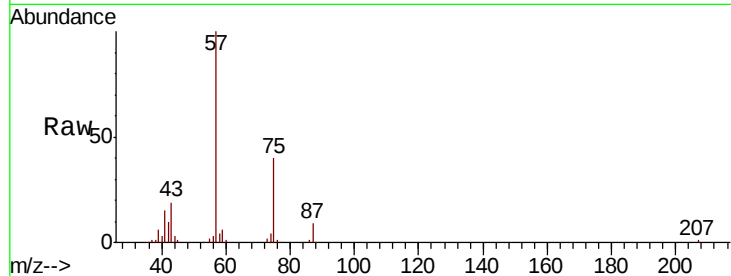




#59
2-Hexanone
Concen: 3.47 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050846.D
Acq: 23 Aug 2018 12:18

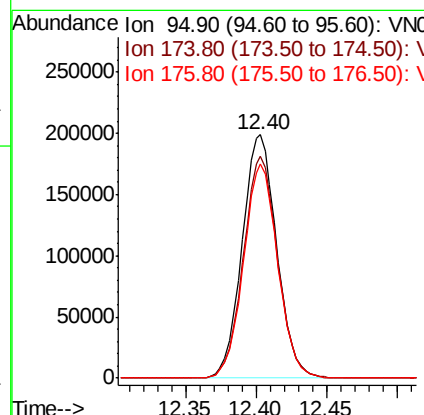
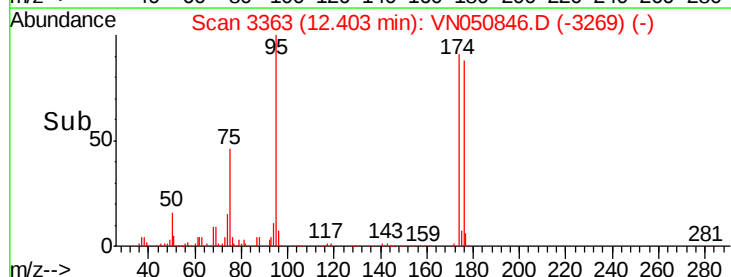
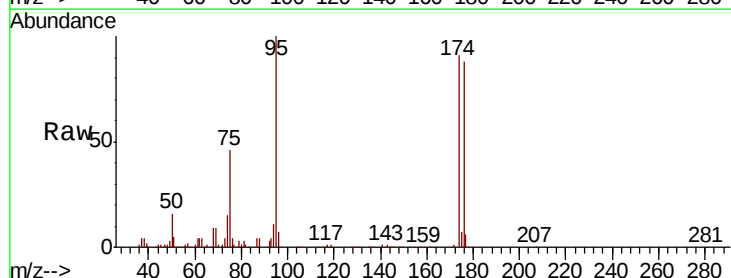
Instrument :
MSVOA_N
ClientSampleId :

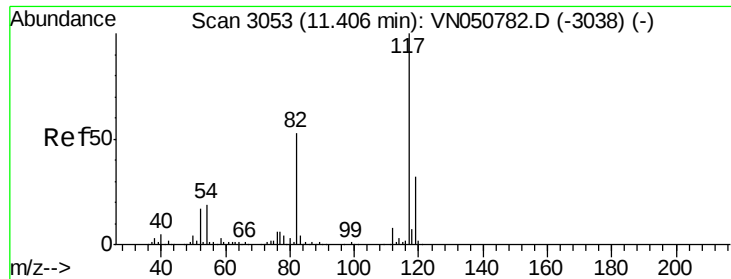
Tot Ion: 43 Resp: 16395
Ion Ratio Lower Upper
43 100
58 25.7 28.3 85.0#



#62
4-Bromofluorobenzene
Concen: 33.80 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050846.D
Acq: 23 Aug 2018 12:18

Tgt Ion: 95 Resp: 340748
Ion Ratio Lower Upper
95 100
174 90.6 0.0 183.0
176 87.3 0.0 178.8

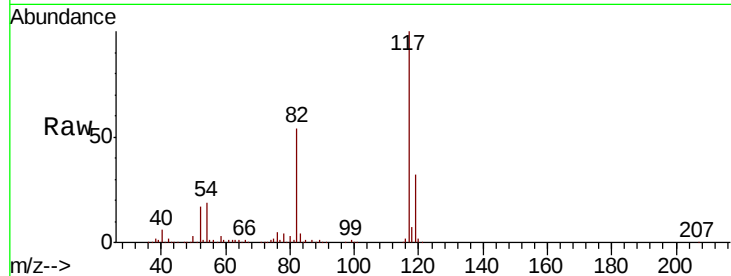




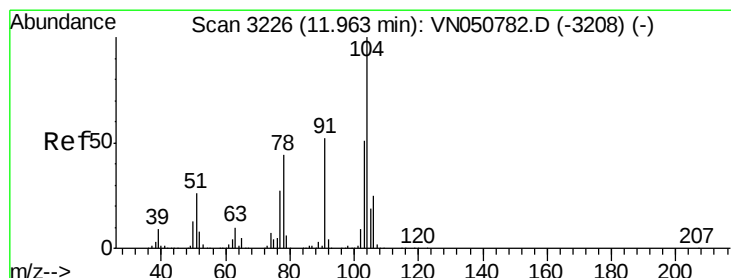
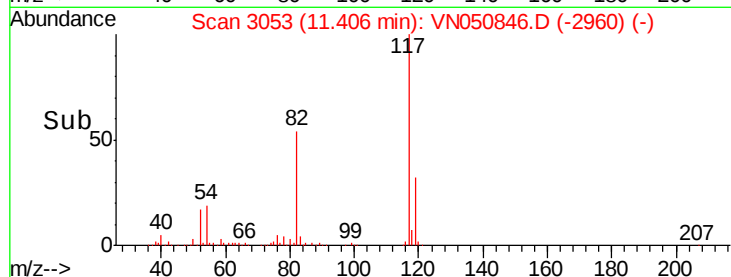
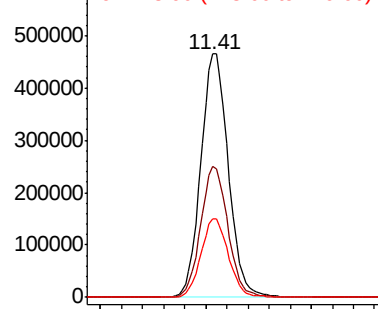
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN050846.D
Acq: 23 Aug 2018 12:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 837494
Ion Ratio Lower Upper
117 100
82 53.6 42.6 64.0
119 32.4 25.8 38.6

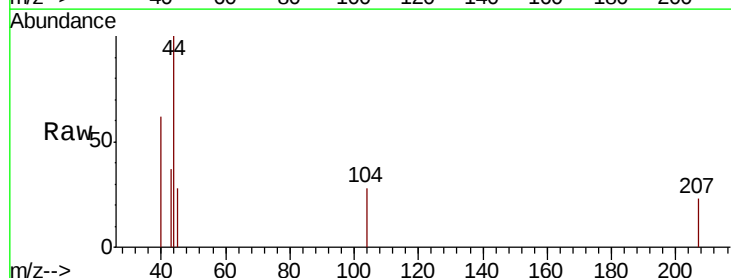


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

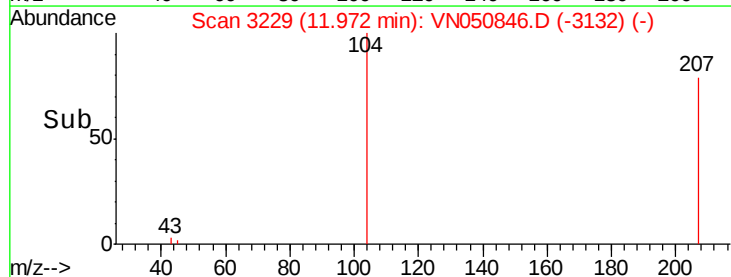
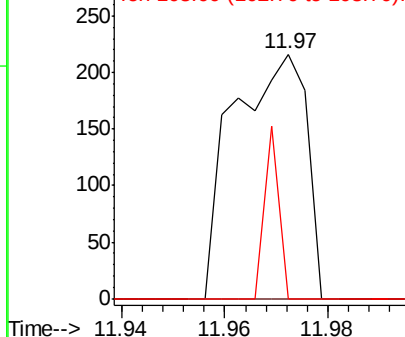


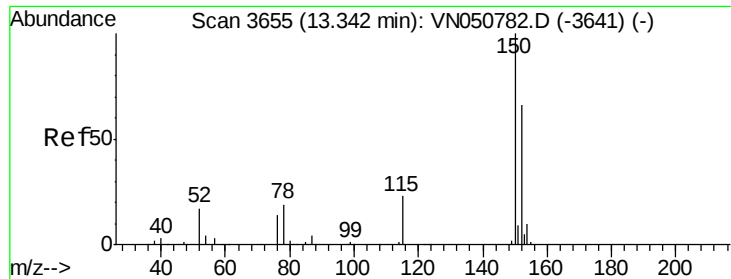
#70
Styrene
Concen: 1.28 ug/l
RT: 11.97 min Scan# 3229
Delta R.T. 0.01 min
Lab File: VN050846.D
Acq: 23 Aug 2018 12:18

Tgt Ion:104 Resp: 212
Ion Ratio Lower Upper
104 100
78 0.0 38.2 57.4#
103 13.7 44.4 66.6#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050846.D

Acq: 23 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

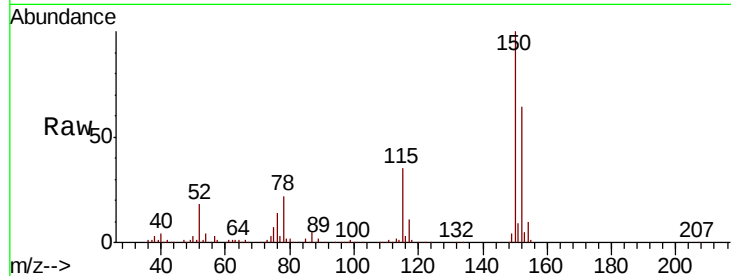
Tot Ion:152 Resp: 235986

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.4

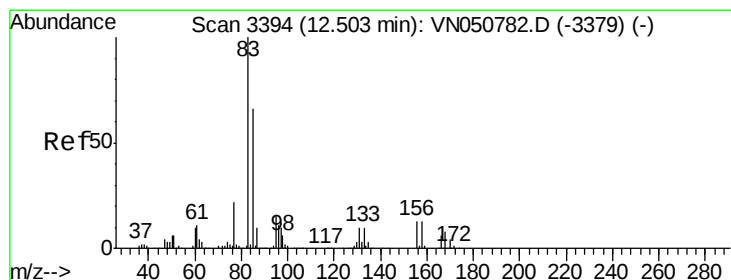
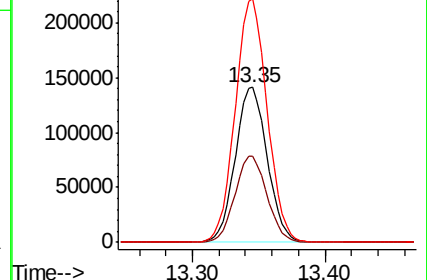
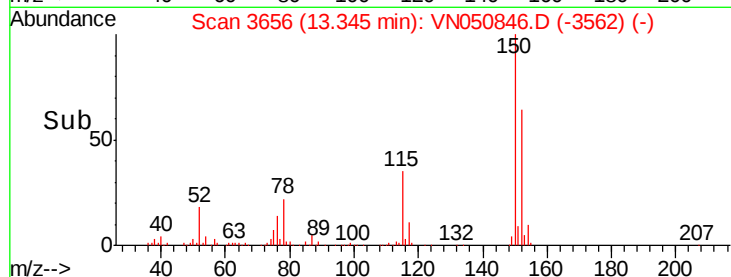
150 157.1 0.0 351.4



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



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3363

Delta R.T. -0.10 min

Lab File: VN050846.D

Acq: 23 Aug 2018 12:18

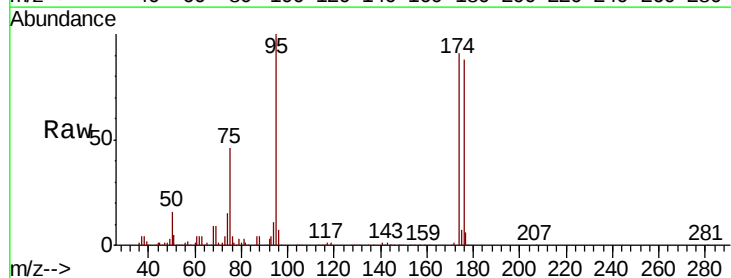
Tgt Ion: 83 Resp: 58

Ion Ratio Lower Upper

83 100

131 436.2 5.3 15.9#

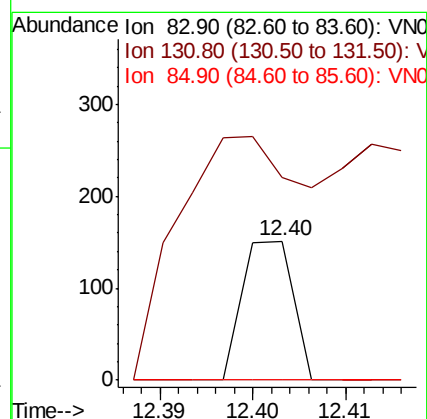
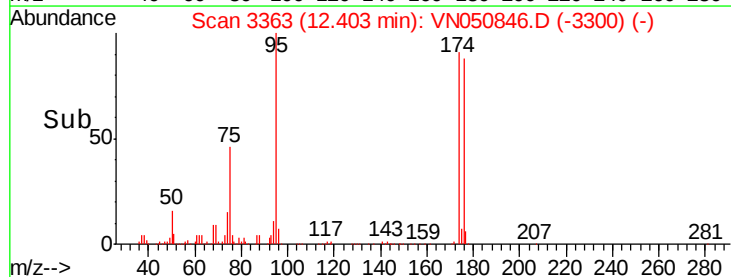
85 0.0 31.9 95.7#

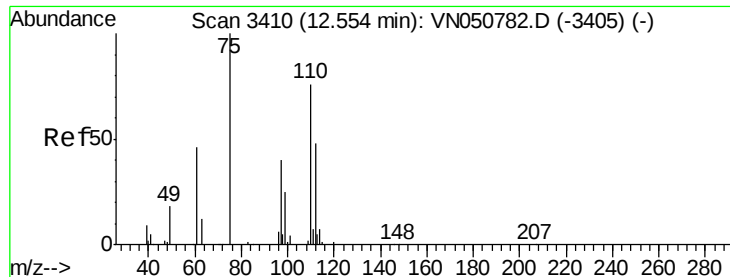


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 38.70 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050846.D

Acq: 23 Aug 2018 12:18

Instrument :

MSVOA_N

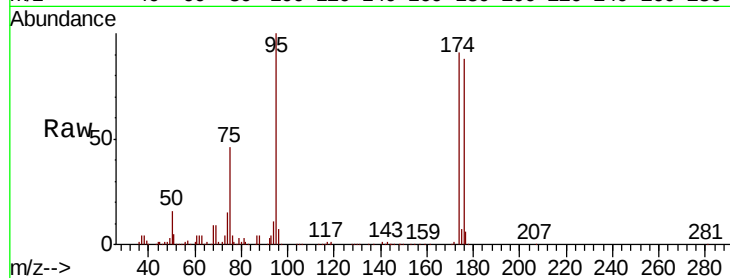
ClientSampled :

Tot Ion: 75 Resp: 159973

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050782.D (-3405) (-)

Ion 77.00 (76.70 to 77.70): VN050782.D (-3405) (-)

12.40

100000

80000

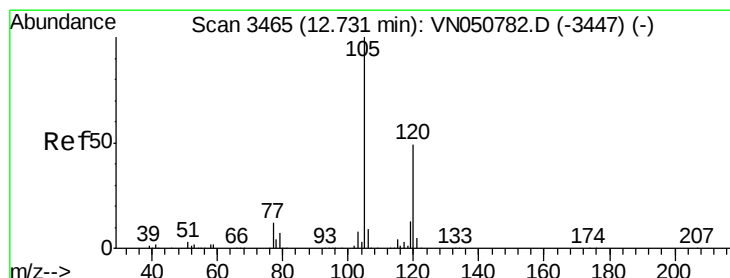
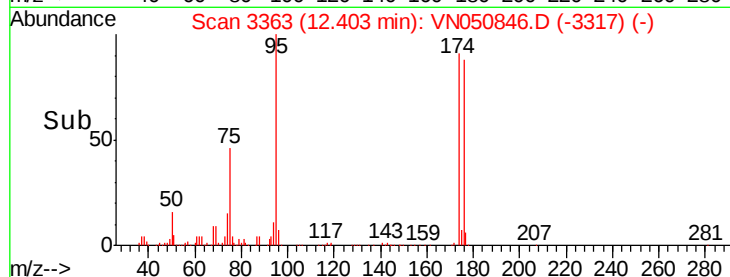
60000

40000

20000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.23 ug/l

RT: 12.73 min Scan# 3465

Delta R.T. 0.00 min

Lab File: VN050846.D

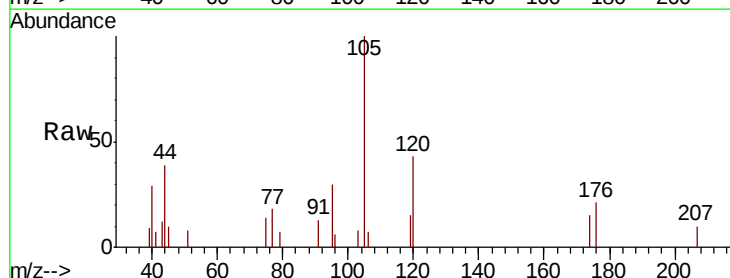
Acq: 23 Aug 2018 12:18

Tgt Ion:105 Resp: 3645

Ion Ratio Lower Upper

105 100

120 51.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN050782.D (-3447) (-)

Ion 120.00 (119.70 to 120.70): VN050782.D (-3447) (-)

12.73

2500

2000

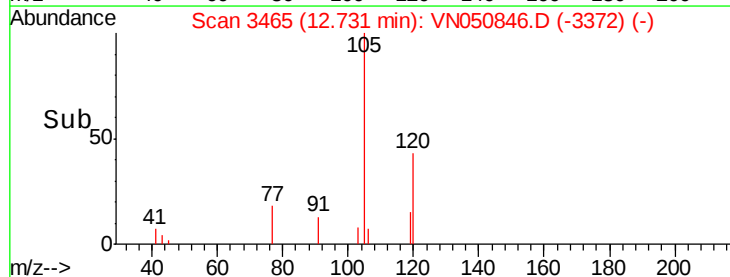
1500

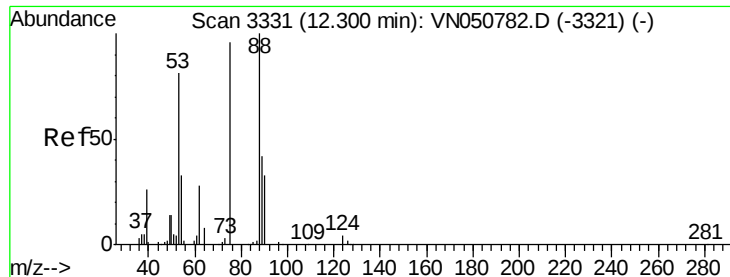
1000

500

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 130.84 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050846.D

Acq: 23 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

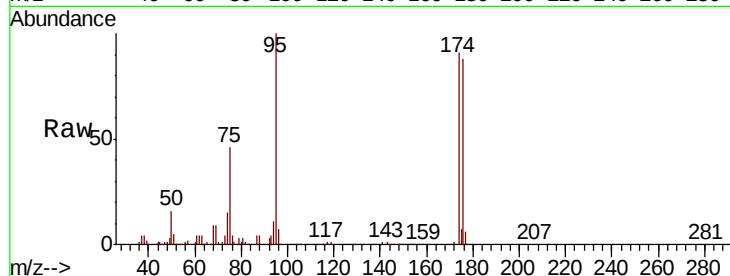
Tot Ion: 75 Resp: 159973

Ion Ratio Lower Upper

75 100

53 0.1 68.9 103.3#

89 0.0 36.1 54.1#

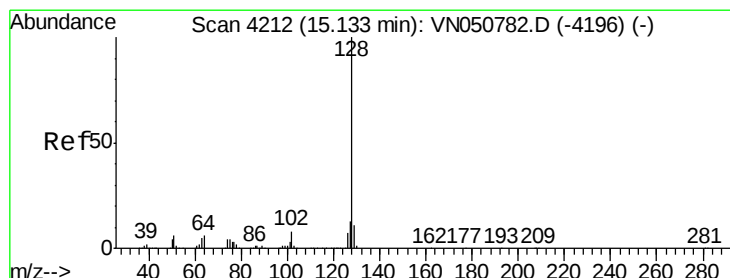
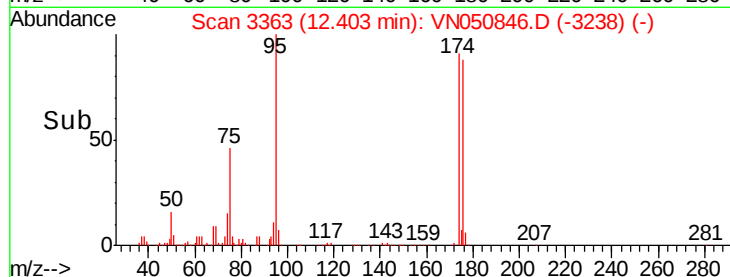
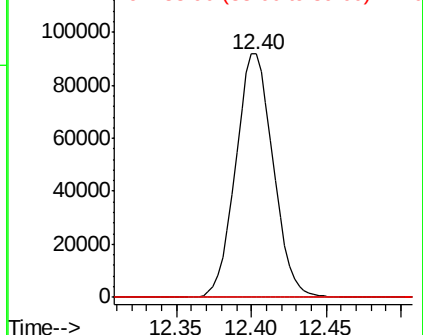


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#95

Naphthalene

Concen: 5.45 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.01 min

Lab File: VN050846.D

Acq: 23 Aug 2018 12:18

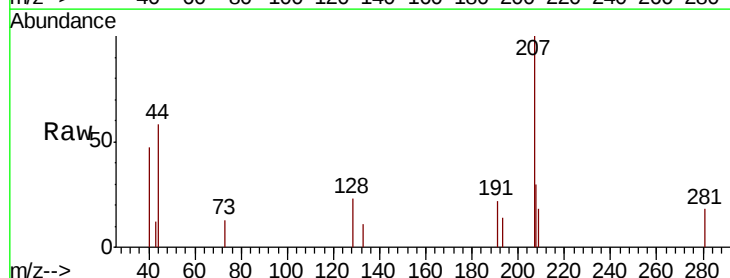
Tgt Ion: 128 Resp: 519

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 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

