

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082318\
 Data File : VN050853.D
 Acq On : 23 Aug 2018 15:11
 Operator : MD\SY
 Sample : J4594-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 24 01:11:32 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	584734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	973589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	839864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	300151	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	393596	55.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.82%	
35) Dibromofluoromethane	7.59	113	367016	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	10.09	98	1335675	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
62) 4-Bromofluorobenzene	12.40	95	371411	38.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.20%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	2666	0.28	ug/l	100
5) Bromomethane	2.57	94	2992	Below	Cal #	78
10) Methyl Iodide	3.95	142	459	6.40	ug/l #	51
13) Acrolein	3.62	56	201	18.63	ug/l	98
14) Allyl chloride	4.55	41	39150	3.83	ug/l #	26
16) Acetone	3.82	43	22977	6.92	ug/l	98
18) Methyl Acetate	4.34	43	16131	2.43	ug/l	94
20) Methylene Chloride	4.55	84	1074362	135.42	ug/l	98
25) 2-Butanone	6.85	43	5136	1.81	ug/l	96
29) Tetrahydrofuran	7.22	42	1951	1.20	ug/l #	66
30) Chloroform	7.37	83	22200	1.71	ug/l	96
31) Cyclohexane	7.66	56	10383	1.33	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	39725	3.46	ug/l #	48
38) Carbon Tetrachloride	7.67	117	51581	4.44	ug/l #	17
41) Methacrylonitrile	7.23	41	919	0.26	ug/l #	33
43) Isopropyl Acetate	8.17	43	274214	24.17	ug/l	93
47) Bromodichloromethane	9.41	83	3964	0.35	ug/l #	95
48) Methyl methacrylate	9.19	41	7616	1.32	ug/l #	15
51) 4-Methyl-2-Pentanone	9.98	43	2229	0.33	ug/l #	86
52) Toluene	10.15	92	7529	0.37	ug/l	99
56) Ethyl methacrylate	10.23	69	2395	2.58	ug/l #	80
59) 2-Hexanone	10.77	43	14662	3.25	ug/l #	59
67) Ethyl Benzene	11.51	91	13514	0.38	ug/l	95
68) m/p-Xylenes	11.62	106	12180	0.90	ug/l	100
69) o-Xylene	11.95	106	4998	0.38	ug/l	98
70) Styrene	11.97	104	4509	1.46	ug/l	94
76) 1,2,3-Trichloropropane	12.40	75	173785	33.06	ug/l #	100
79) 2-Chlorotoluene	12.66	91	3779	0.22	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	8905	0.44	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	173785	111.75	ug/l #	15
83) tert-Butylbenzene	13.04	119	4048	0.23	ug/l #	56
84) 1,2,4-Trimethylbenzene	13.04	105	28932	1.43	ug/l	98
90) Hexachloroethane	13.89	117	1371	0.55	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.92	180	1622	4.34	ug/l #	79

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Response via : Initial Calibration

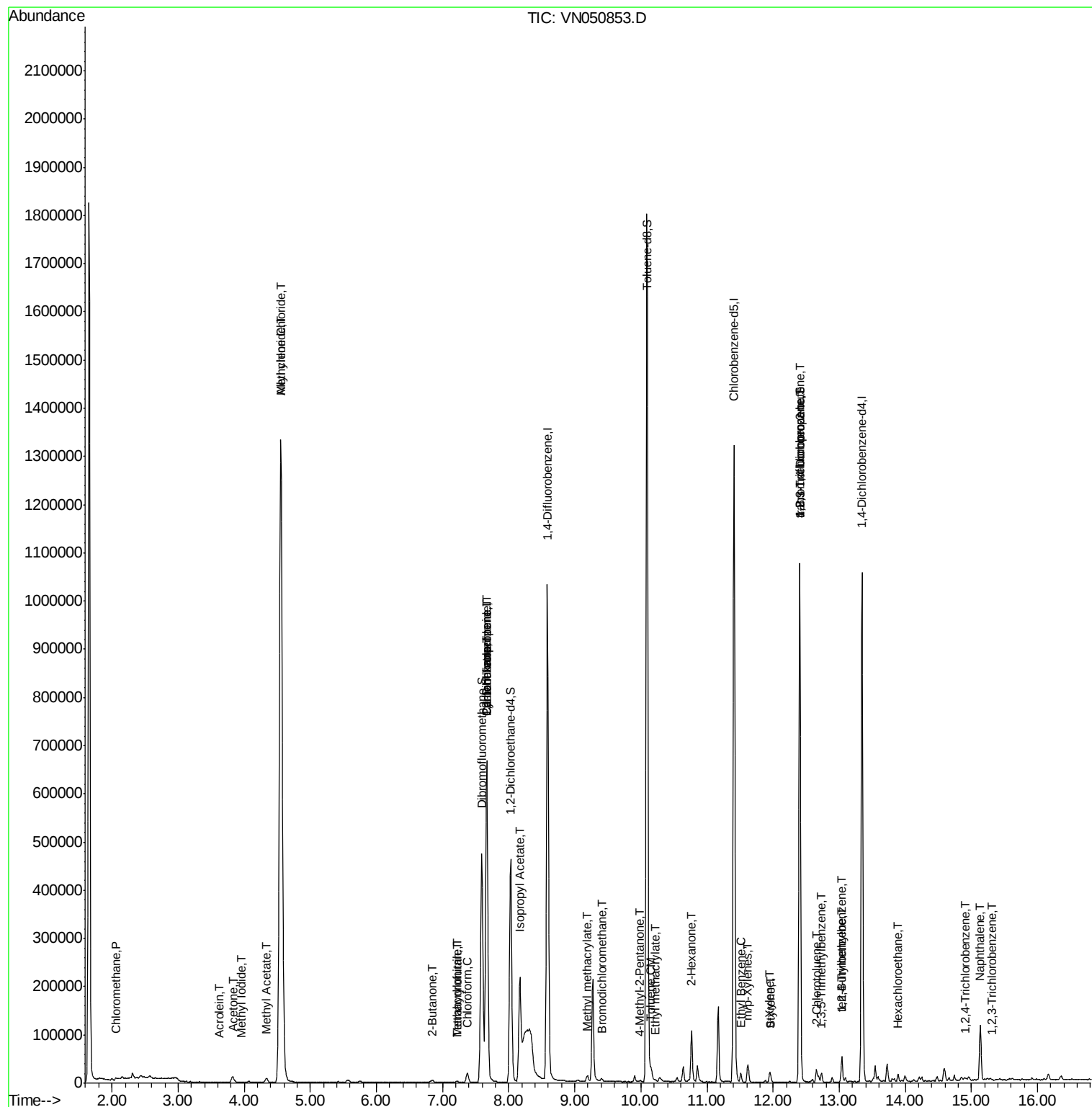
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	102470	13.02	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	265	3.34	ug/l	94

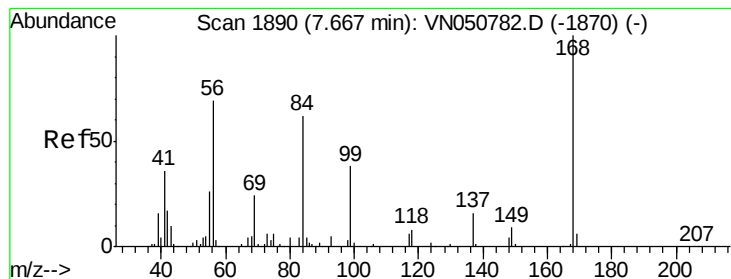
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

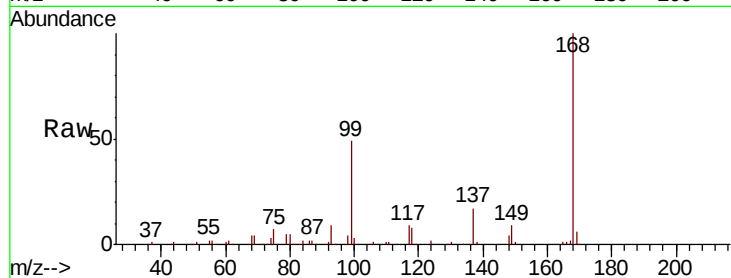
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 584734

Ion Ratio Lower Upper

168 100

99 48.9 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

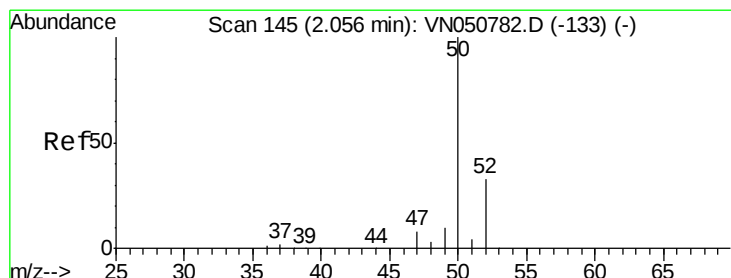
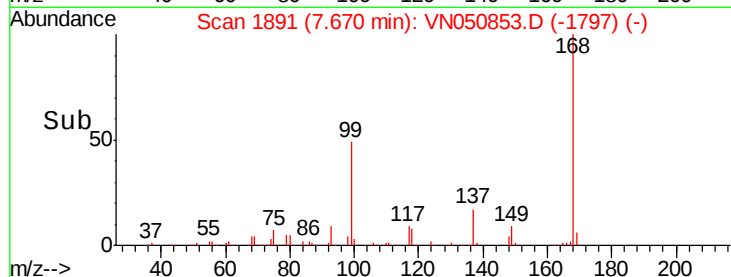
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.28 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050853.D

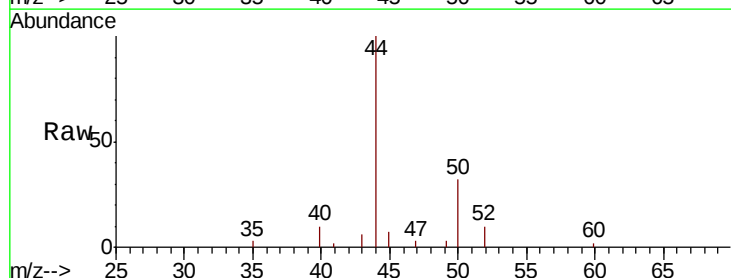
Acq: 23 Aug 2018 15:11

Tgt Ion: 50 Resp: 2666

Ion Ratio Lower Upper

50 100

52 33.0 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

2000

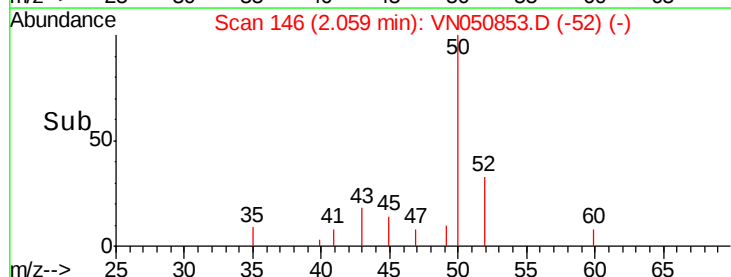
1500

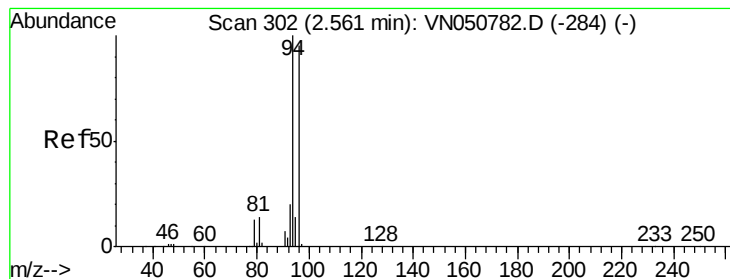
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

Instrument :

MSVOA_N

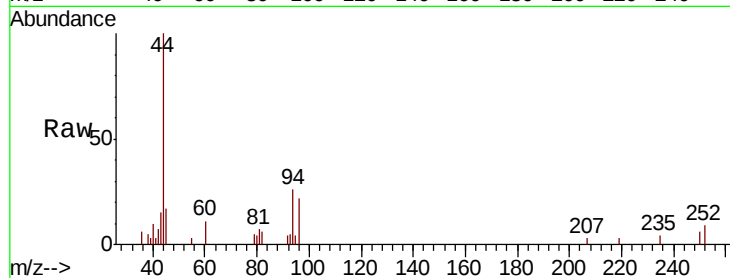
ClientSampleId :

Tot Ion: 94 Resp: 2992

Ion Ratio Lower Upper

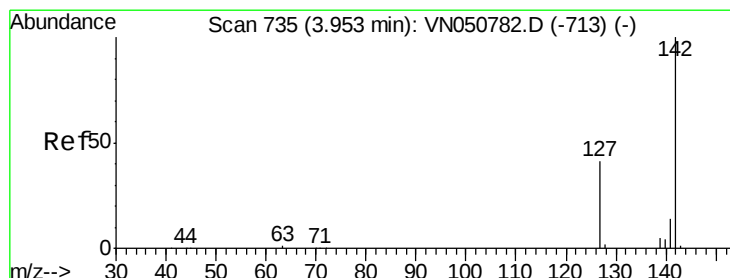
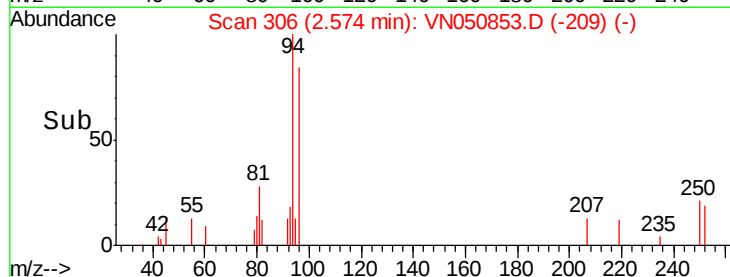
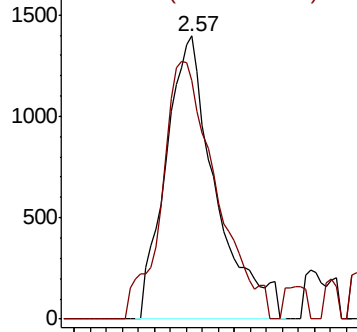
94 100

96 73.5 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: 6.40 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

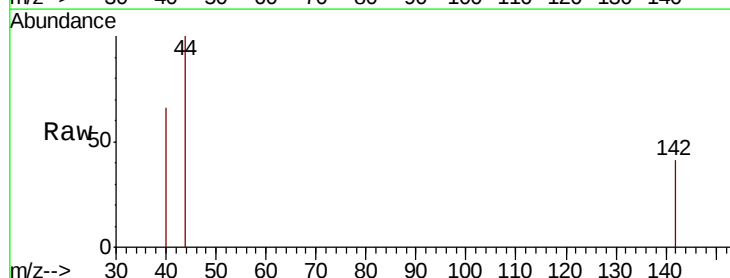
Tgt Ion:142 Resp: 459

Ion Ratio Lower Upper

142 100

127 6.3 31.7 47.5#

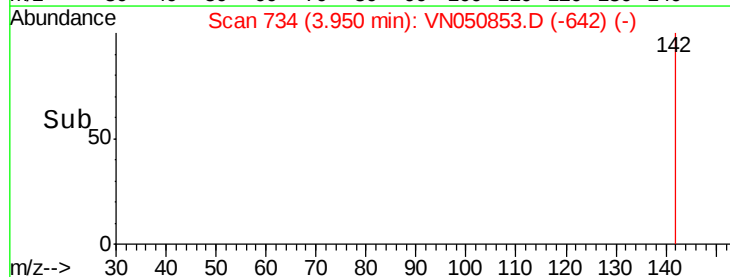
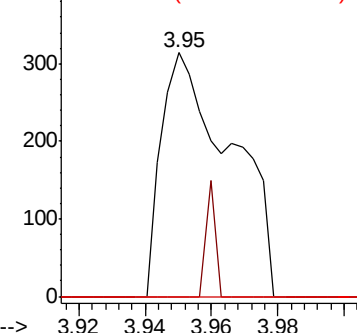
141 0.0 11.4 17.0#

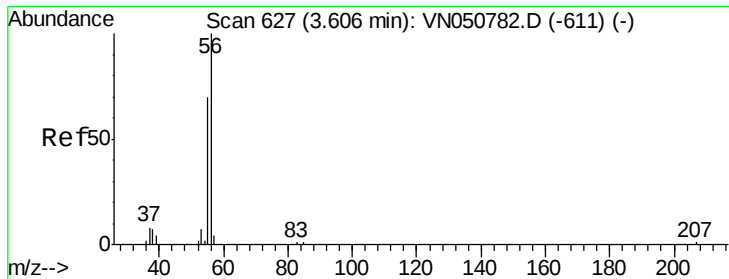


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#13

Acrolein

Concen: 18.63 ug/l

RT: 3.62 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

Instrument :

MSVOA_N

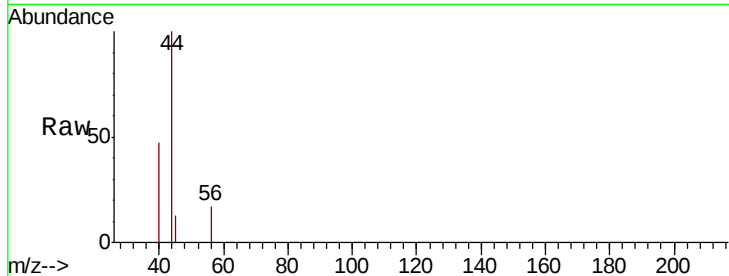
ClientSampled :

Tot Ion: 56 Resp: 201

Ion Ratio Lower Upper

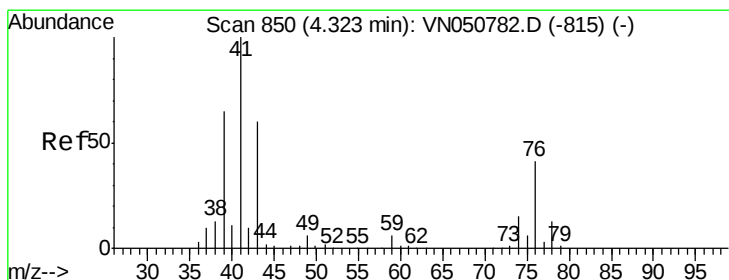
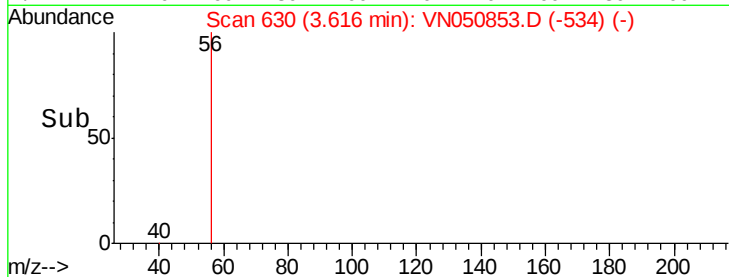
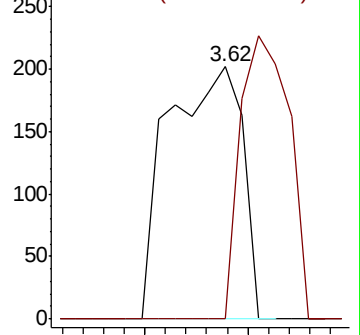
56 100

55 74.1 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 3.83 ug/l

RT: 4.55 min Scan# 920

Delta R.T. 0.22 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

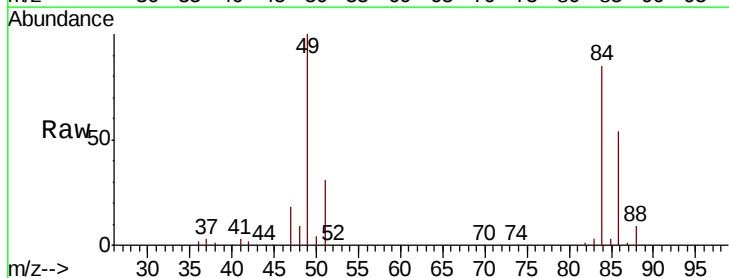
Tgt Ion: 41 Resp: 39150

Ion Ratio Lower Upper

41 100

39 0.0 50.2 75.2#

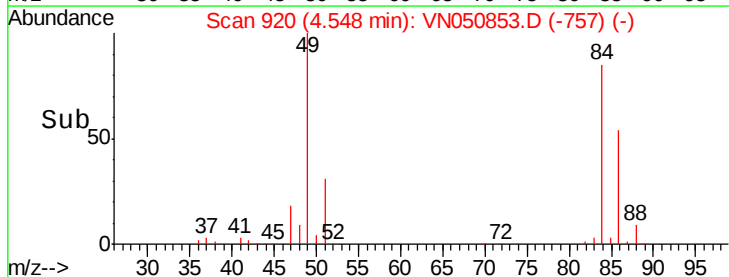
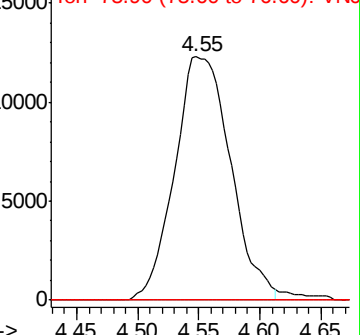
76 0.0 29.8 44.8#

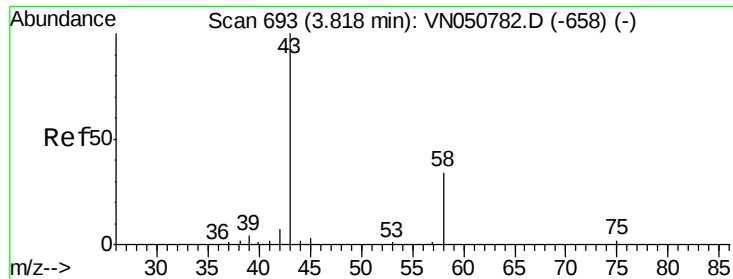


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#16

Acetone

Concen: 6.92 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

Instrument :

MSVOA_N

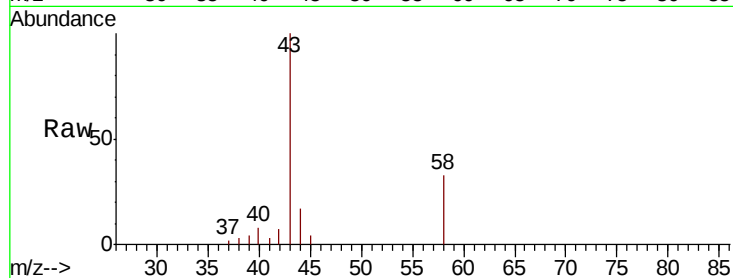
ClientSampled :

Tot Ion: 43 Resp: 22977

Ion Ratio Lower Upper

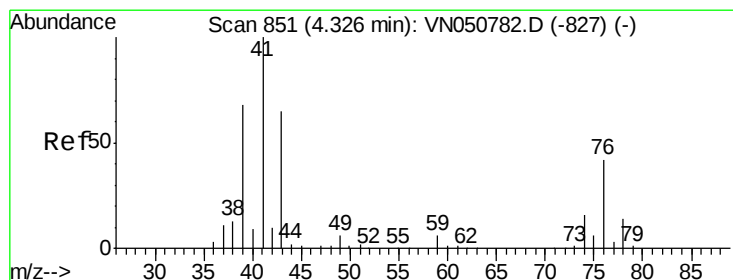
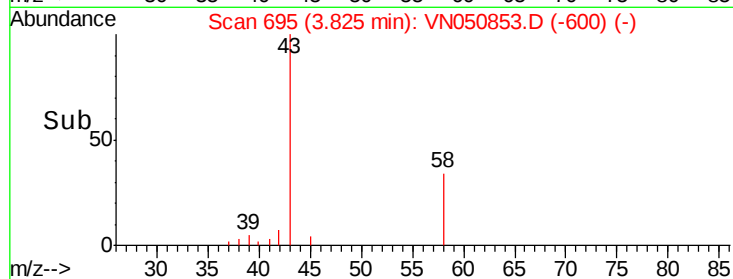
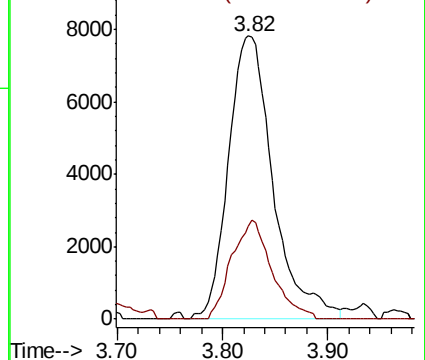
43 100

58 32.9 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 2.43 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN050853.D

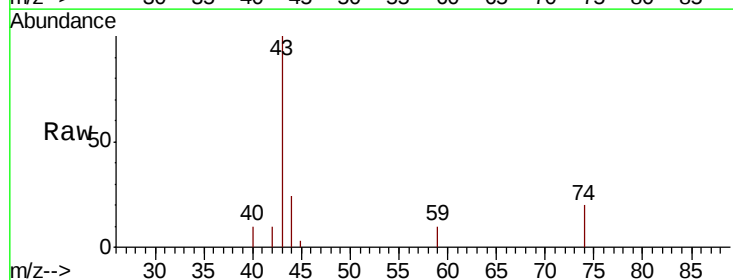
Acq: 23 Aug 2018 15:11

Tgt Ion: 43 Resp: 16131

Ion Ratio Lower Upper

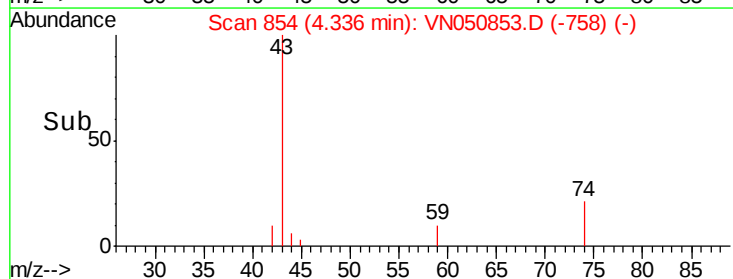
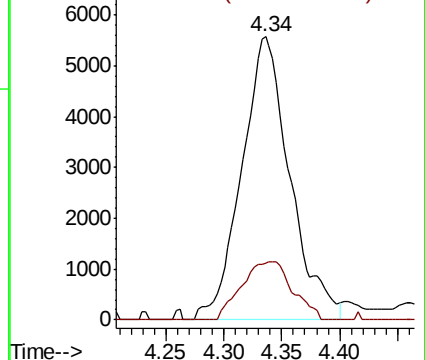
43 100

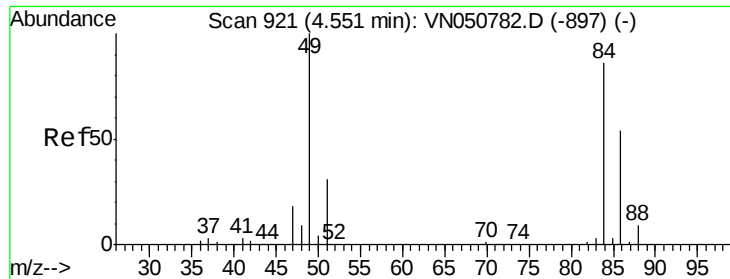
74 21.8 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



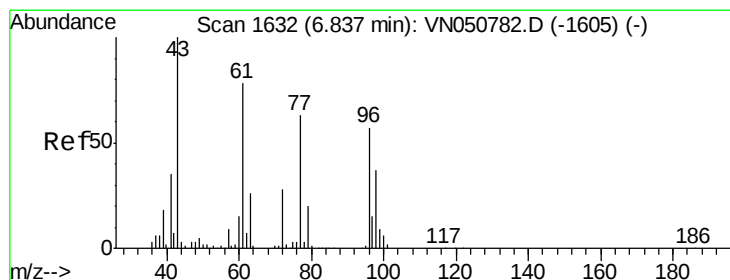
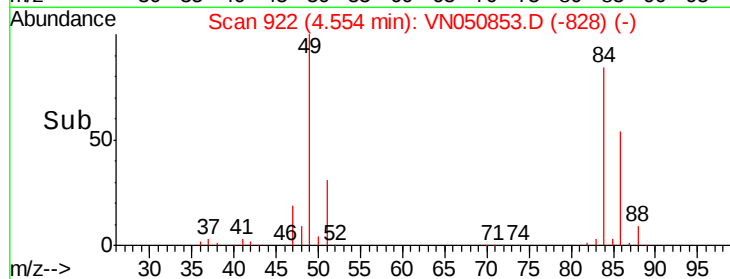
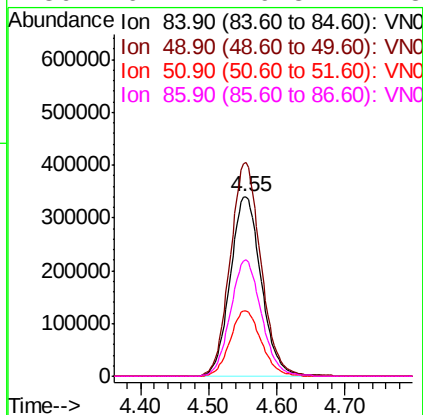
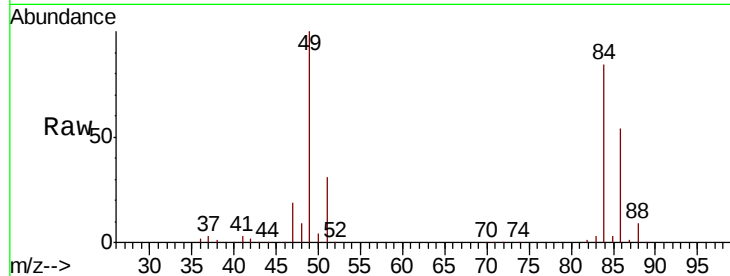


#20
Methvlene Chloride
Concen: 135.42 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050853.D
Acq: 23 Aug 2018 15:11

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 1074362

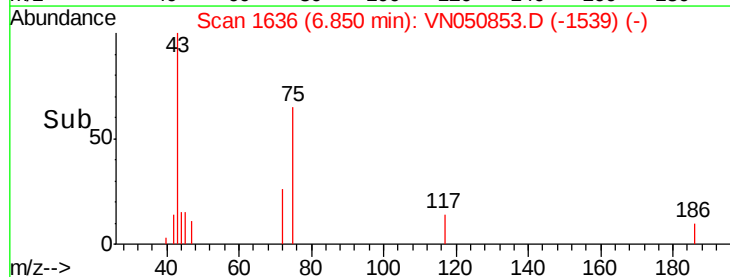
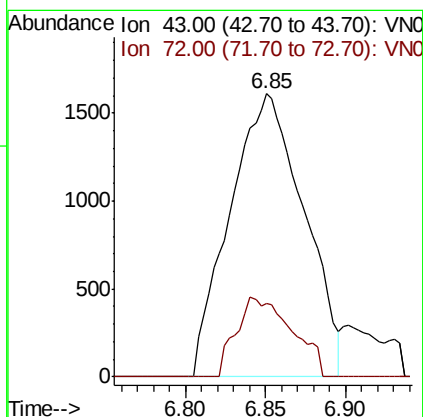
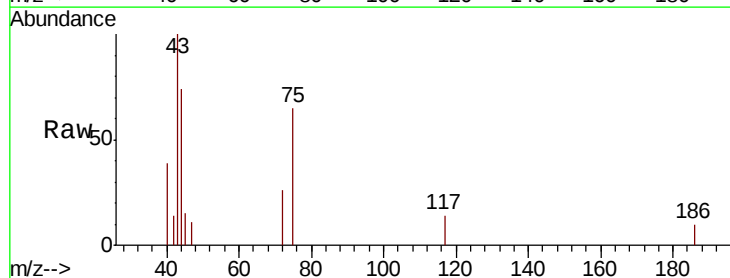
Ion	Ratio	Lower	Upper
84	100		
49	118.9	93.2	139.8
51	36.6	29.0	43.6
86	64.7	49.8	74.8

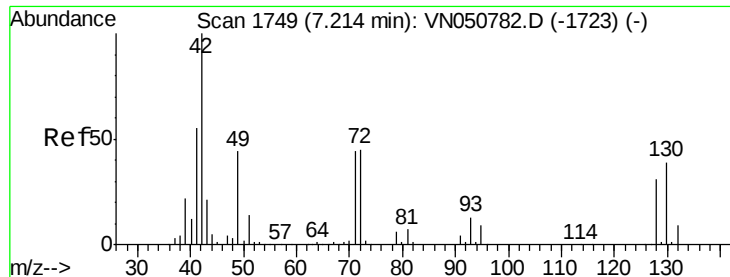


#25
2-Butanone
Concen: 1.81 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050853.D
Acq: 23 Aug 2018 15:11

Tgt Ion: 43 Resp: 5136

Ion	Ratio	Lower	Upper
43	100		
72	25.8	22.3	33.5





#29

Tetrahydrofuran

Concen: 1.20 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

Instrument :

MSVOA_N

ClientSampled :

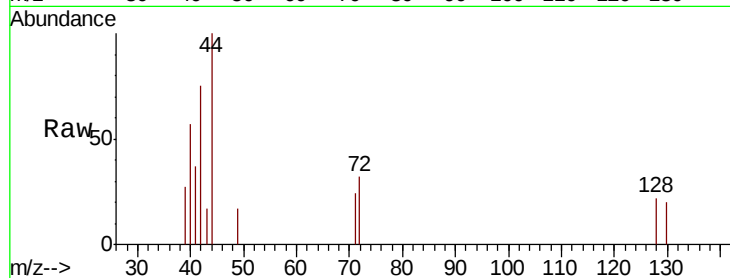
Tot Ion: 42 Resp: 1951

Ion Ratio Lower Upper

42 100

72 26.2 35.5 53.3#

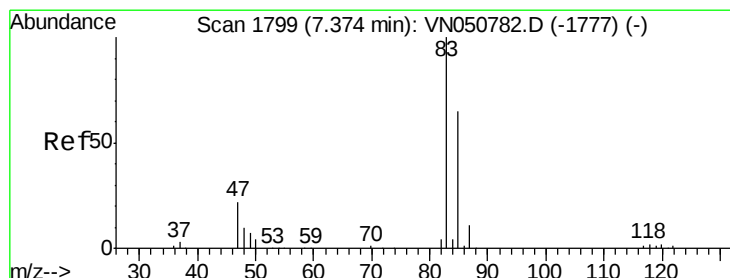
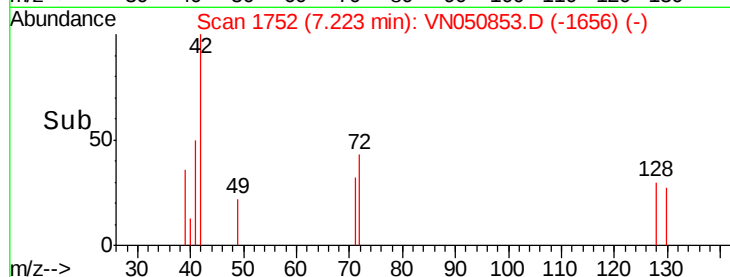
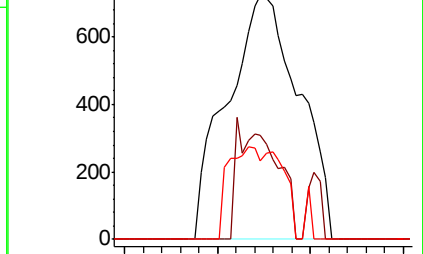
71 17.0 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN050853.D (-1752) (-)

Ion 72.00 (71.70 to 72.70): VN050853.D (-1752) (-)

Ion 71.00 (70.70 to 71.70): VN050853.D (-1752) (-)



#30

Chloroform

Concen: 1.71 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN050853.D

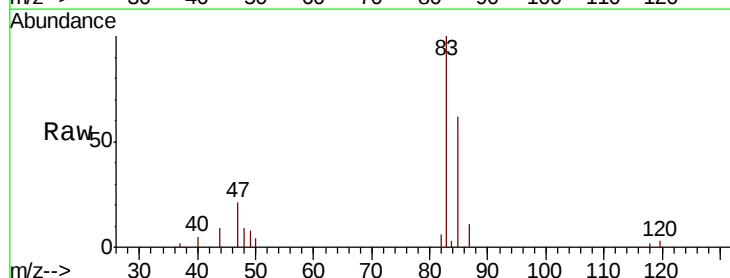
Acq: 23 Aug 2018 15:11

Tgt Ion: 83 Resp: 22200

Ion Ratio Lower Upper

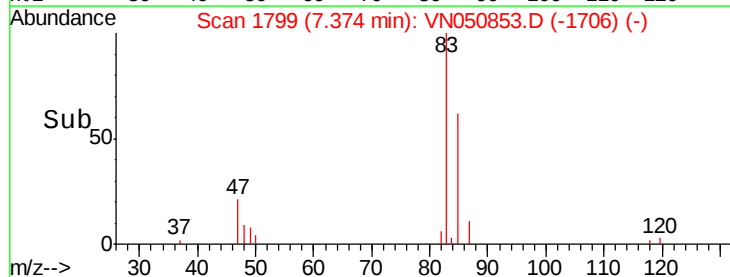
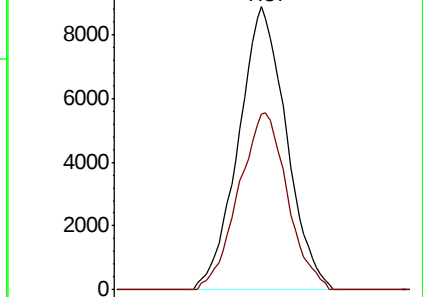
83 100

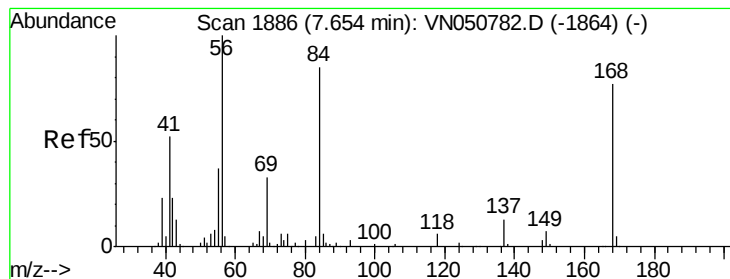
85 62.2 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN050853.D (-1799) (-)

Ion 84.90 (84.60 to 85.60): VN050853.D (-1799) (-)





#31

Cyclohexane

Concen: 1.33 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

Instrument :

MSVOA_N

ClientSampled :

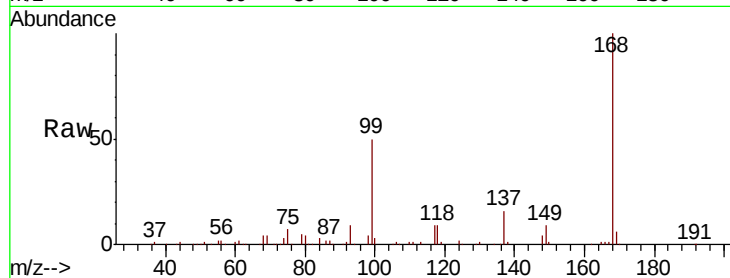
Tot Ion: 56 Resp: 10383

Ion Ratio Lower Upper

56 100

69 181.1 26.2 39.4#

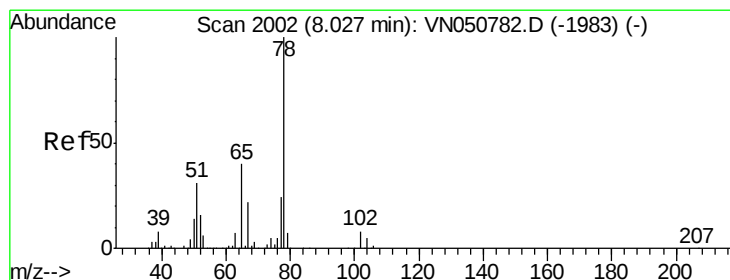
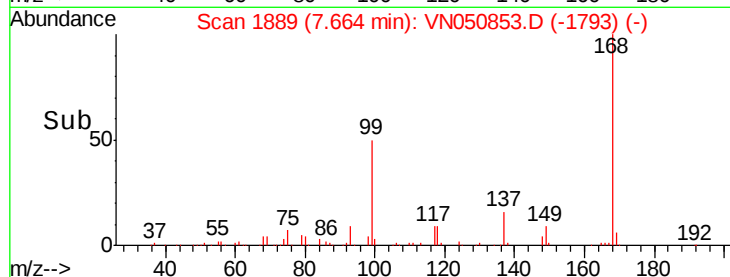
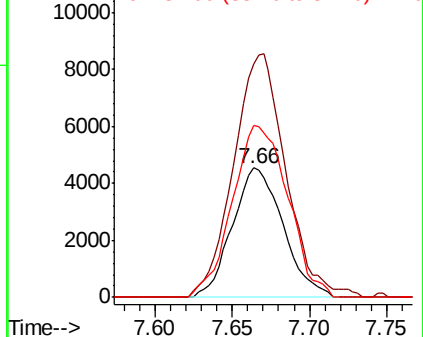
84 133.0 68.3 102.5#



Abundance Ion 56.00 (55.70 to 56.70): VN050853.D (-1793) (-)

Ion 69.00 (68.70 to 69.70): VN050853.D (-1793) (-)

Ion 84.00 (83.70 to 84.70): VN050853.D (-1793) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.91 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050853.D

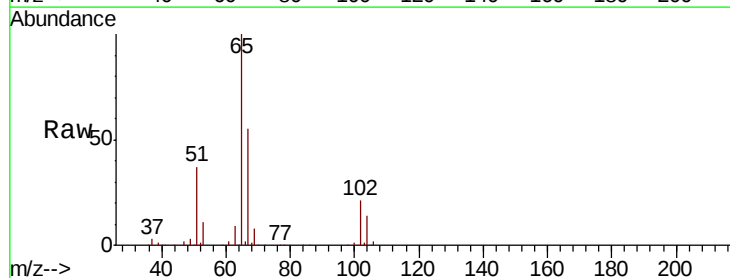
Acq: 23 Aug 2018 15:11

Tgt Ion: 65 Resp: 393596

Ion Ratio Lower Upper

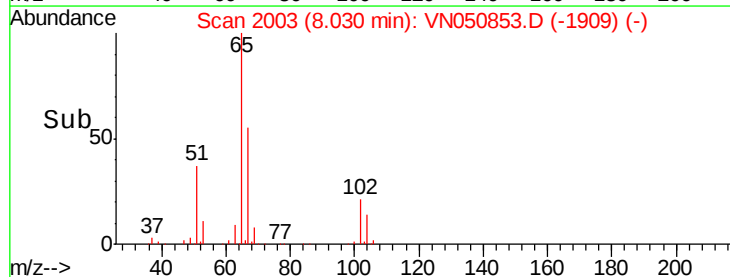
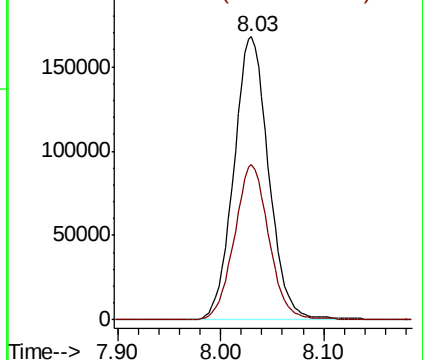
65 100

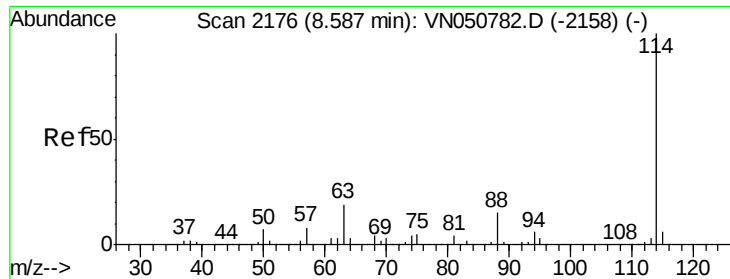
67 54.3 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN050853.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN050853.D (-1909) (-)

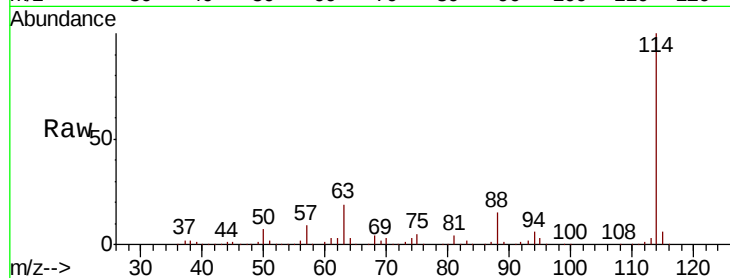




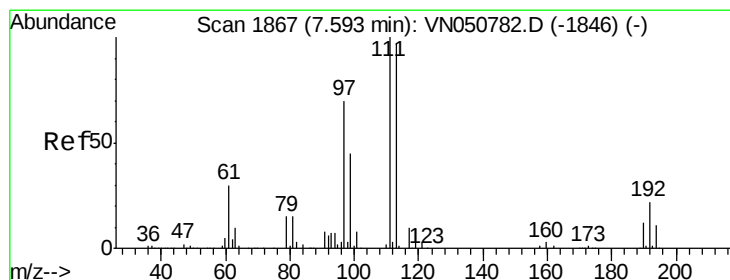
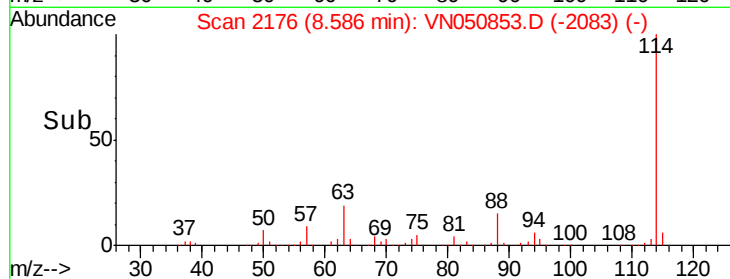
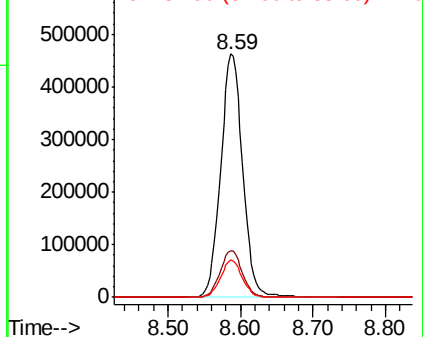
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050853.D
 Acq: 23 Aug 2018 15:11

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 973589
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.2 0.0 30.6

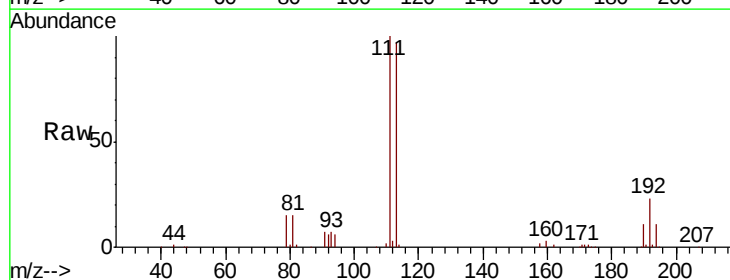


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

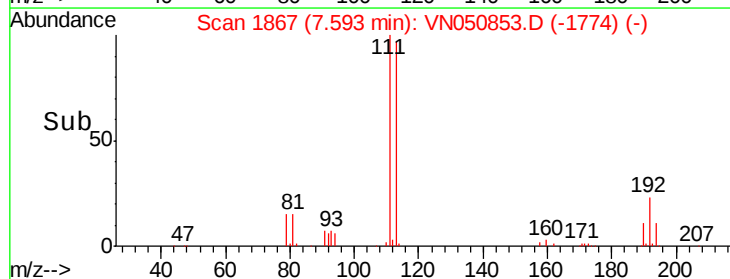
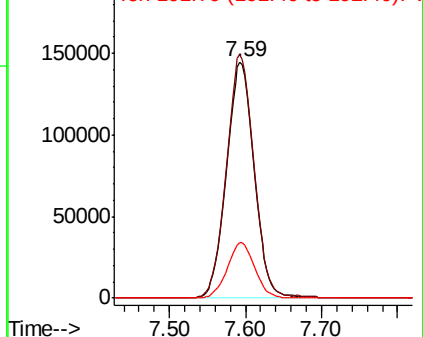


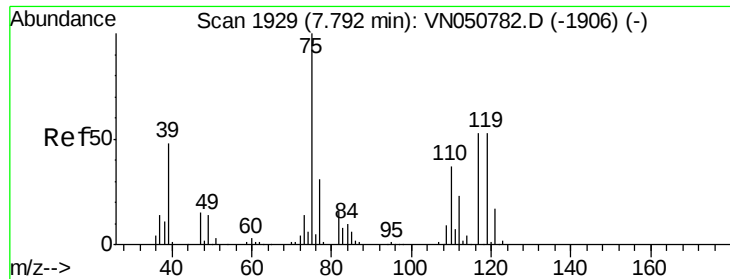
#35
 Dibromofluoromethane
 Concen: 47.38 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050853.D
 Acq: 23 Aug 2018 15:11

Tgt Ion:113 Resp: 367016
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.6 123.8
 192 23.1 18.0 27.0



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

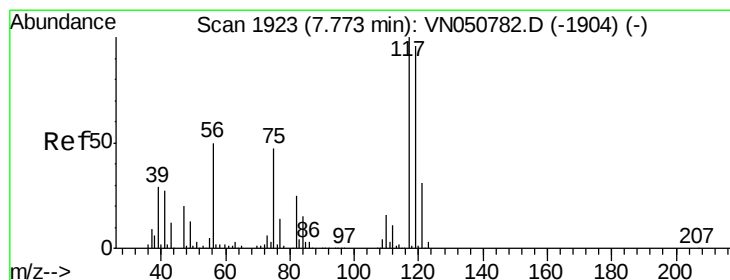
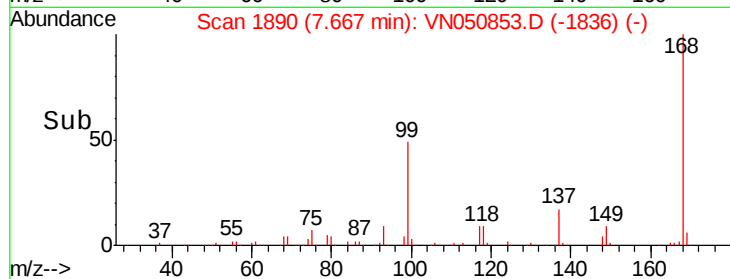
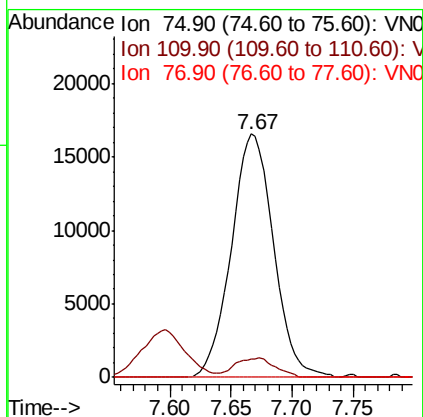
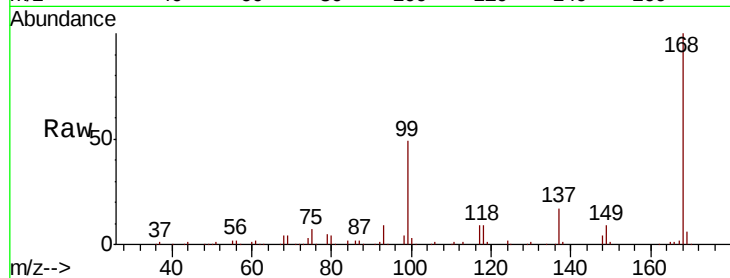




#36
 1,1-Dichloropropene
 Concen: 3.46 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050853.D
 Acq: 23 Aug 2018 15:11

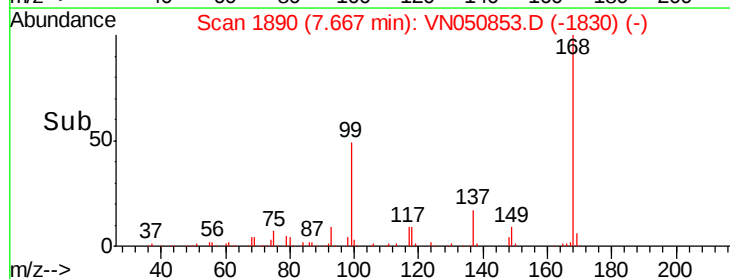
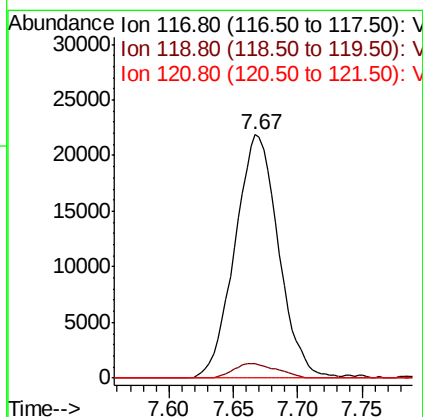
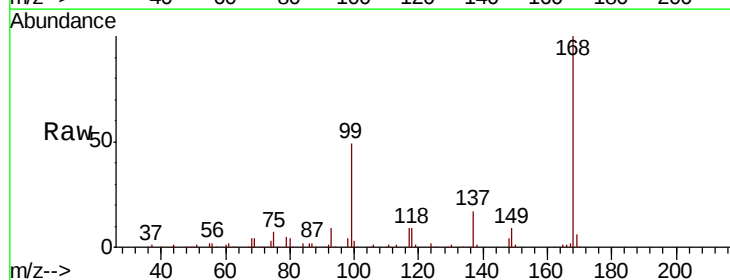
Instrument :
 MSVOA_N
 ClientSampleId :

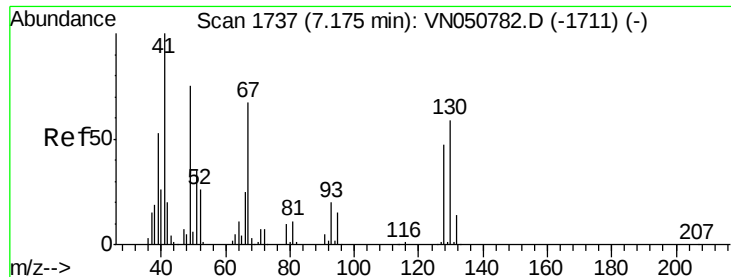
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.7	18.1	54.4#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 4.44 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050853.D
 Acq: 23 Aug 2018 15:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.3	114.5#
121	0.0	24.6	36.8#

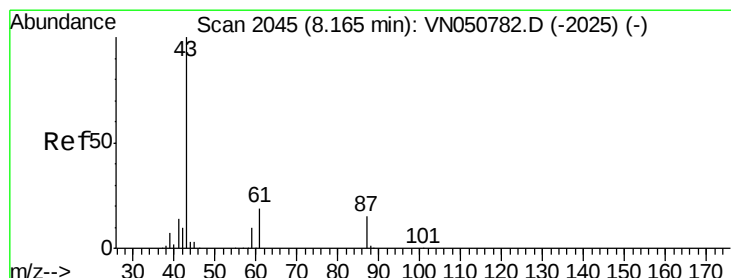
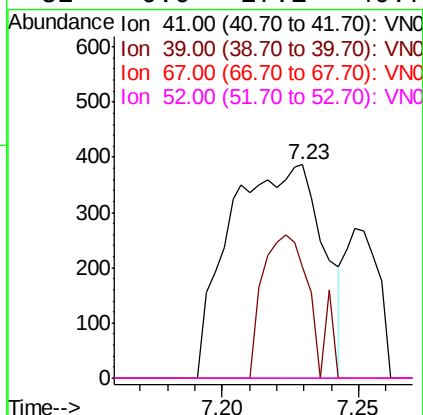
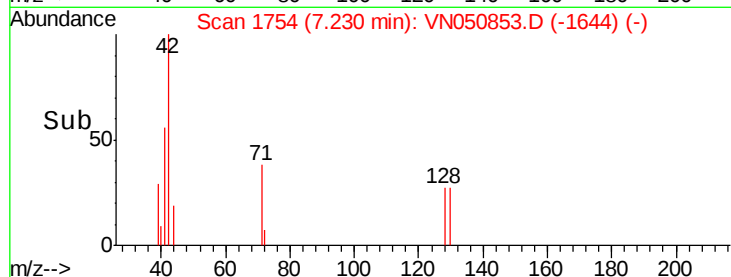
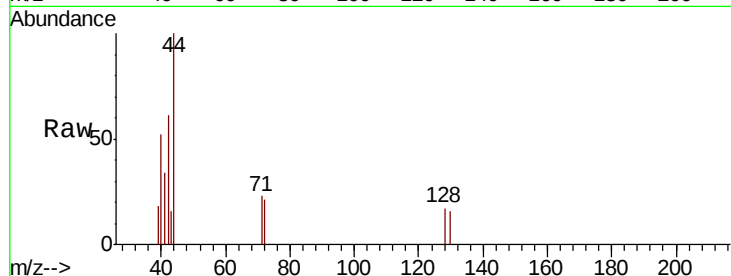




#41
Methacrylonitrile
Concen: 0.26 ug/l
RT: 7.23 min Scan# 1754
Delta R.T. 0.05 min
Lab File: VN050853.D
Acq: 23 Aug 2018 15:11

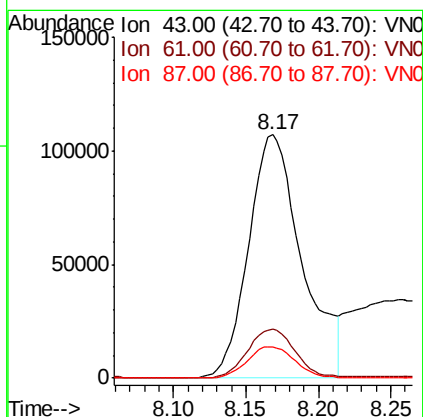
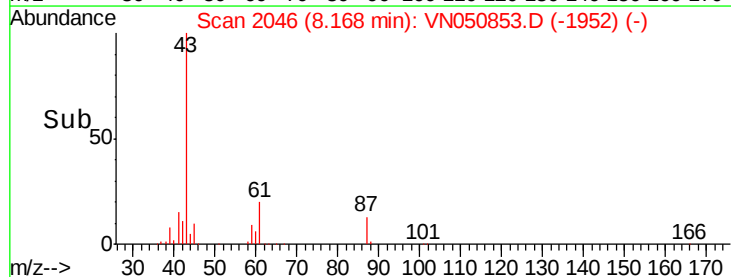
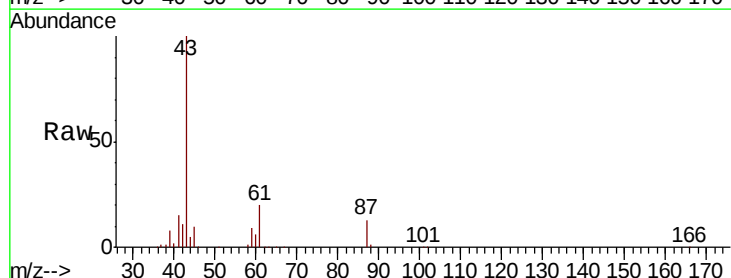
Instrument :
MSVOA_N
ClientSampleId :

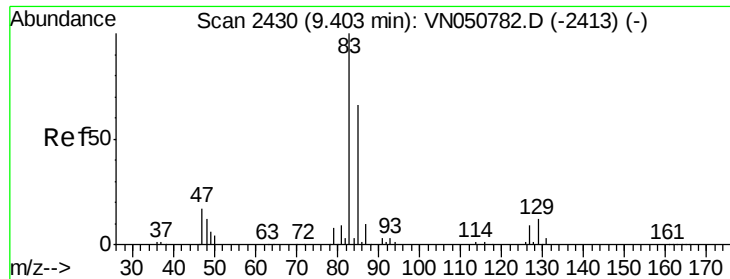
Tot Ion: 41 Resp: 919
Ion Ratio Lower Upper
41 100
39 34.7 45.4 68.0#
67 0.0 70.6 106.0#
52 0.0 27.1 40.7#



#43
Isopropyl Acetate
Concen: 24.17 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050853.D
Acq: 23 Aug 2018 15:11

Tgt Ion: 43 Resp: 274214
Ion Ratio Lower Upper
43 100
61 18.0 17.5 26.3
87 11.6 11.3 16.9





#47

Bromodichloromethane

Concen: 0.35 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

Instrument :
MSVOA_N
ClientSampleId :

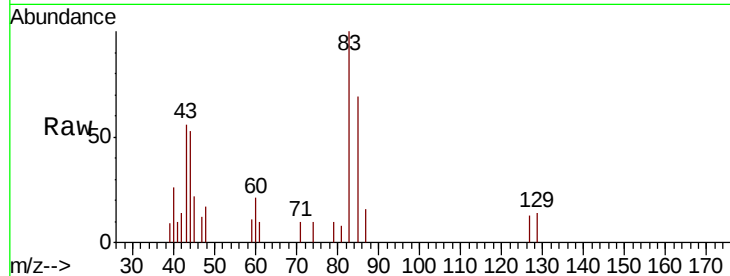
Tot Ion: 83 Resp: 3964

Ion Ratio Lower Upper

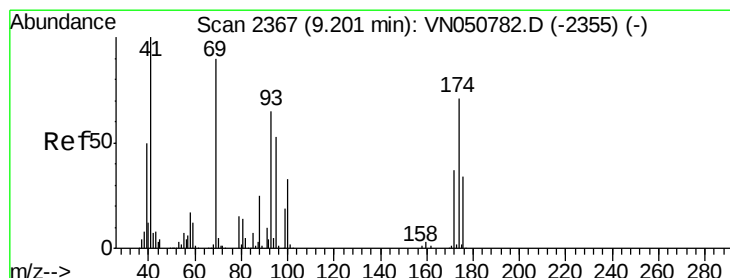
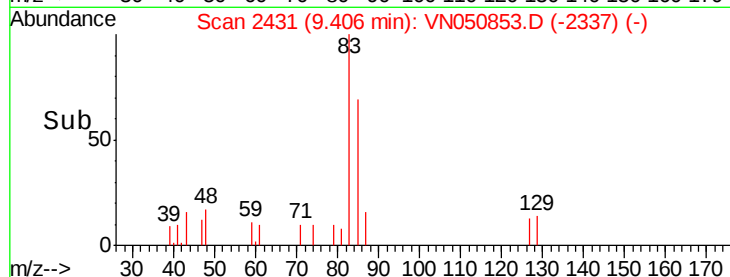
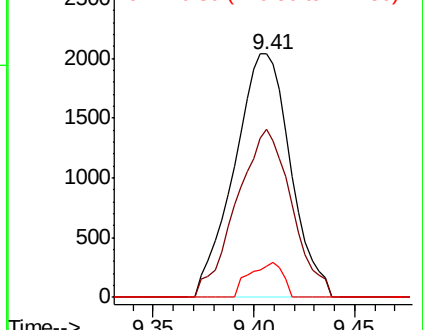
83 100

85 68.9 52.6 78.8

127 12.8 7.2 10.8#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 1.32 ug/l

RT: 9.19 min Scan# 2363

Delta R.T. -0.01 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

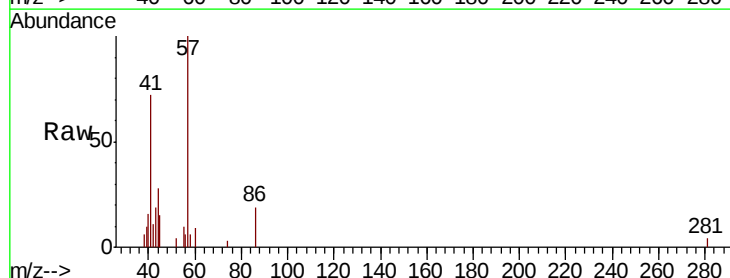
Tgt Ion: 41 Resp: 7616

Ion Ratio Lower Upper

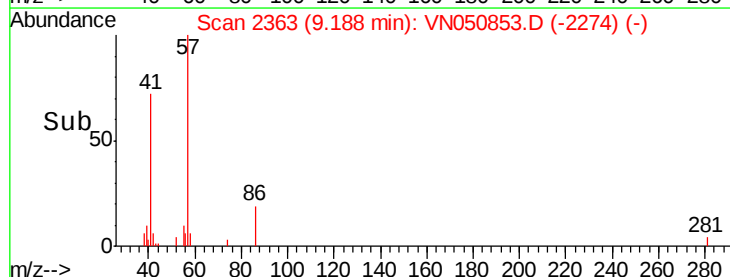
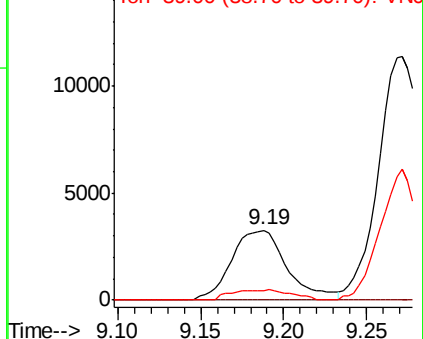
41 100

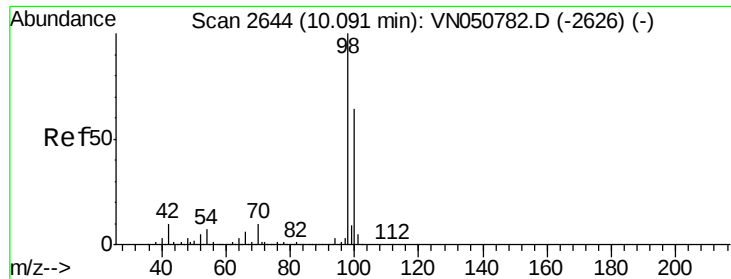
69 0.0 74.7 112.1#

39 7.5 42.2 63.2#



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

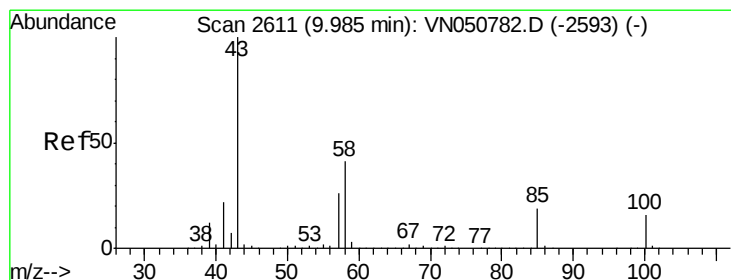
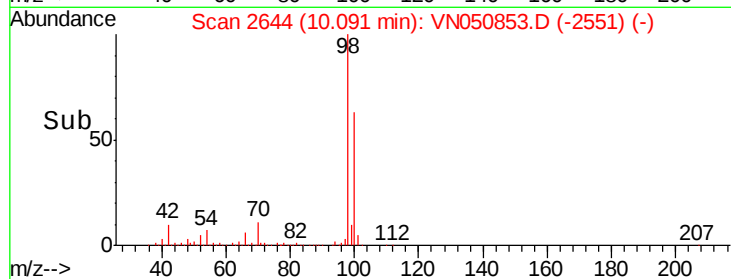
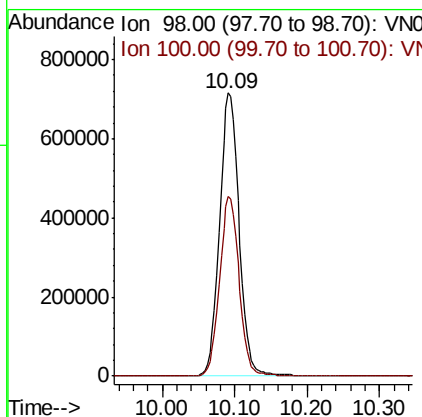
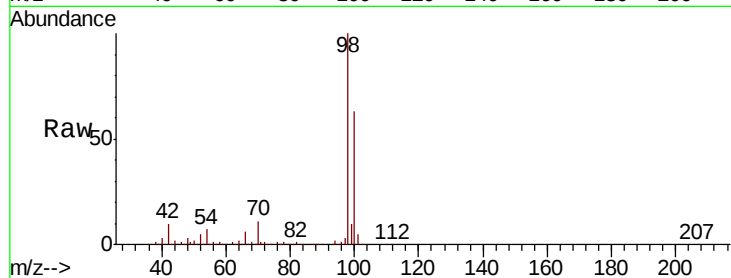




#50
Toluene-d8
Concen: 46.12 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050853.D
Acq: 23 Aug 2018 15:11

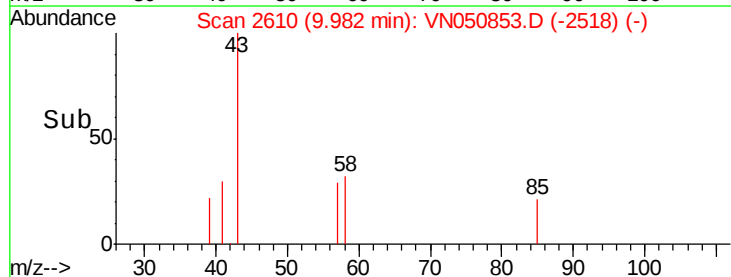
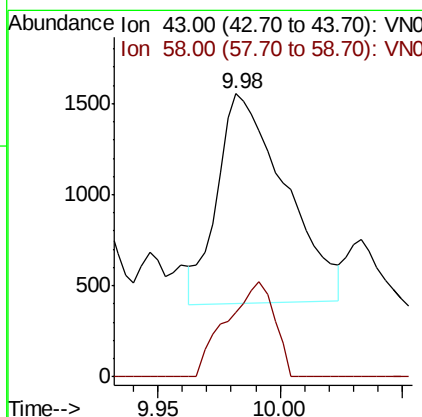
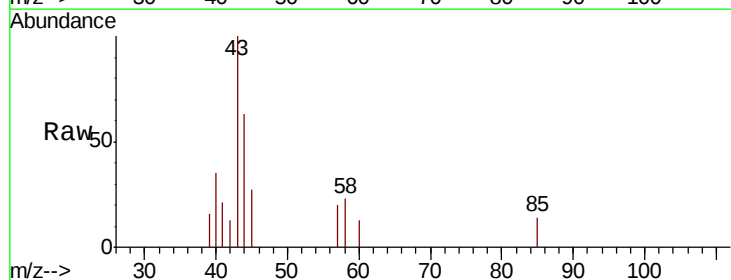
Instrument :
MSVOA_N
ClientSampleId :

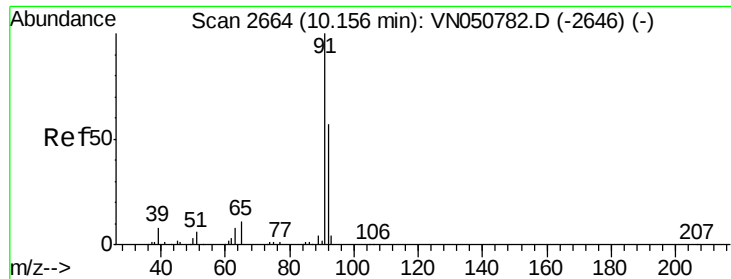
Tot Ion: 98 Resp: 1335675
Ion Ratio Lower Upper
98 100
100 63.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.33 ug/l
RT: 9.98 min Scan# 2610
Delta R.T. -0.00 min
Lab File: VN050853.D
Acq: 23 Aug 2018 15:11

Tgt Ion: 43 Resp: 2229
Ion Ratio Lower Upper
43 100
58 31.8 32.4 48.6#





#52

Toluene

Concen: 0.37 ug/l

RT: 10.15 min Scan# 2663

Delta R.T. -0.00 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

Instrument :

MSVOA_N

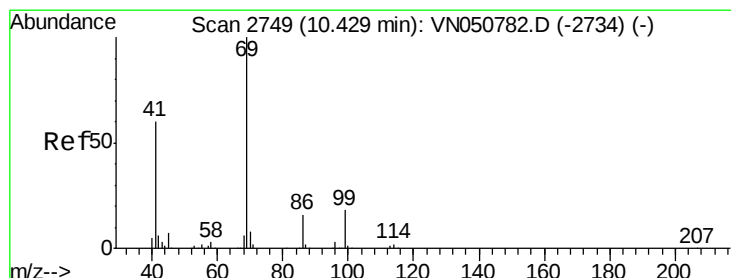
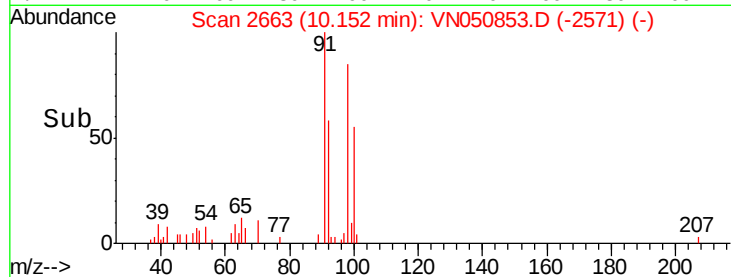
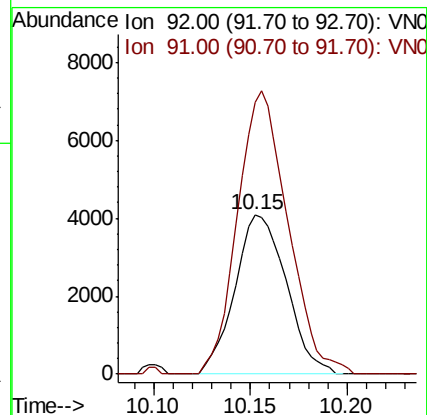
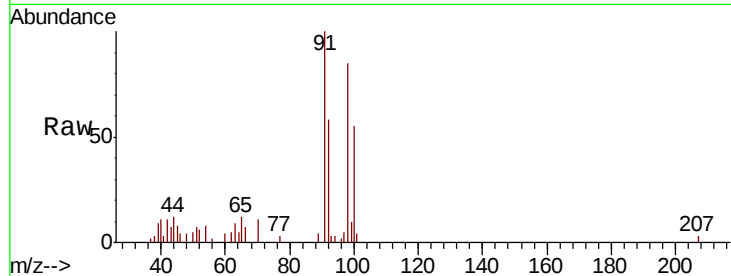
ClientSampled :

Tot Ion: 92 Resp: 7529

Ion Ratio Lower Upper

92 100

91 174.6 140.6 211.0



#56

Ethyl methacrylate

Concen: 2.58 ug/l

RT: 10.23 min Scan# 2687

Delta R.T. -0.20 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

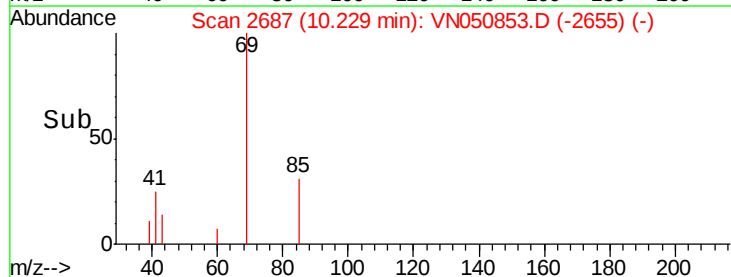
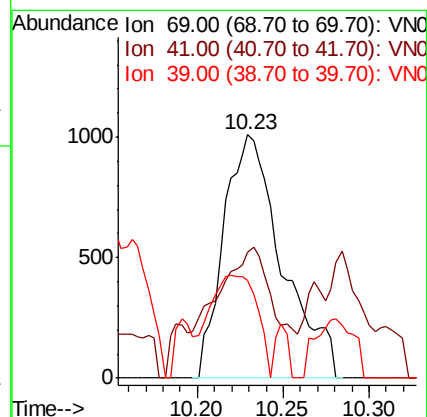
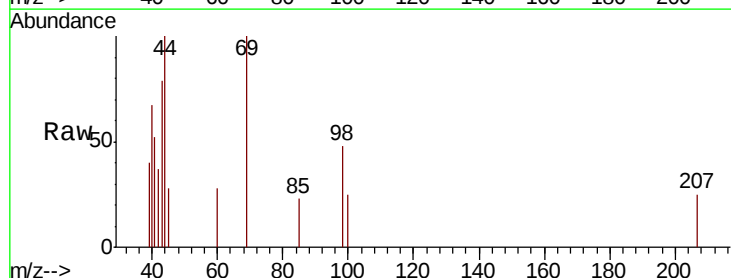
Tgt Ion: 69 Resp: 2395

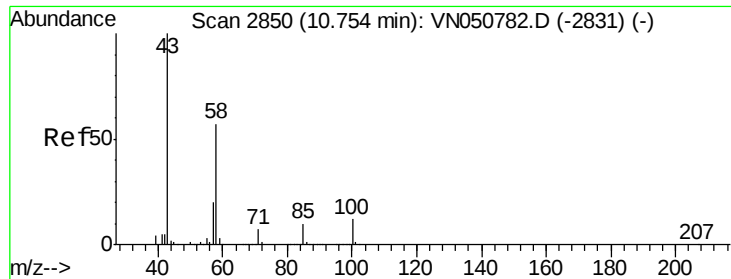
Ion Ratio Lower Upper

69 100

41 40.0 48.3 72.5#

39 33.4 24.0 36.0





#59

2-Hexanone

Concen: 3.25 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

Instrument :

MSVOA_N

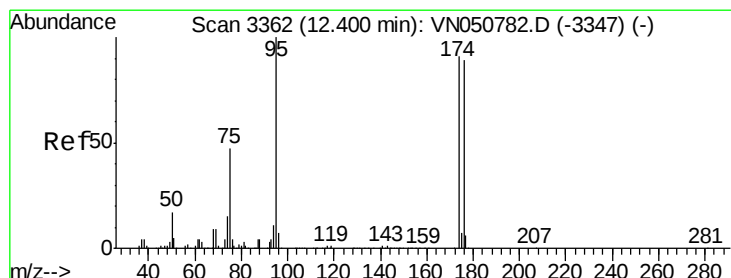
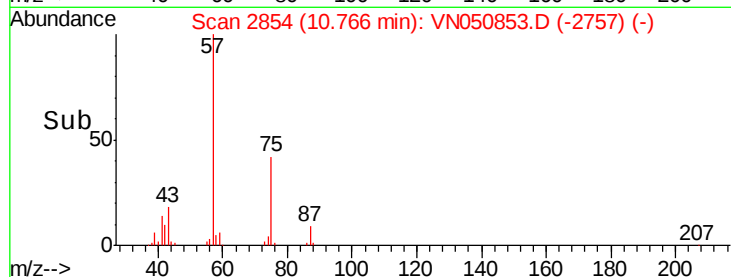
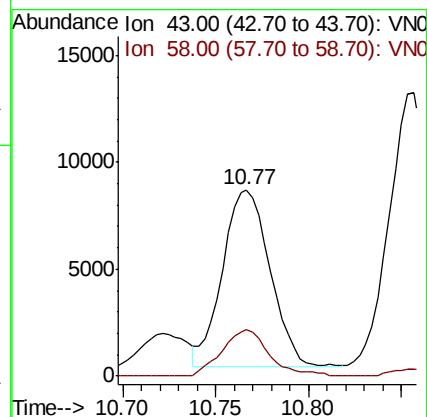
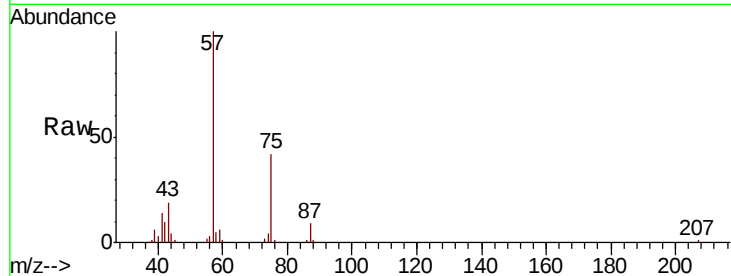
ClientSampleId :

Tot Ion: 43 Resp: 14662

Ion Ratio Lower Upper

43 100

58 26.3 28.3 85.0#



#62

4-Bromofluorobenzene

Concen: 38.60 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

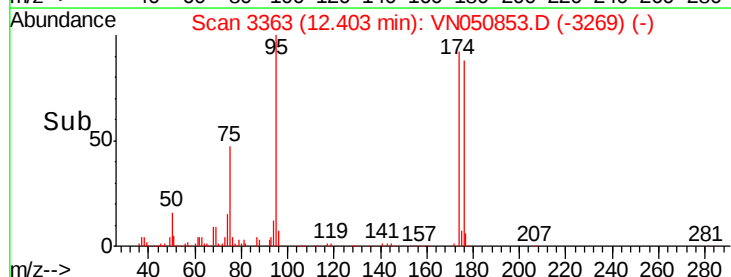
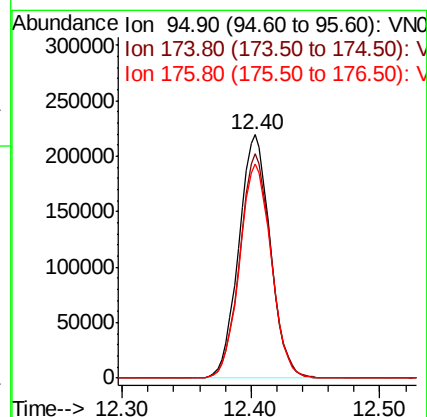
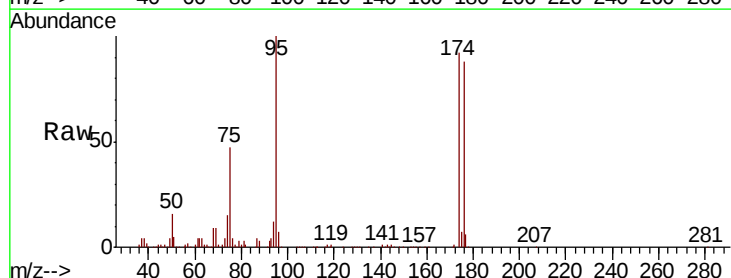
Tgt Ion: 95 Resp: 371411

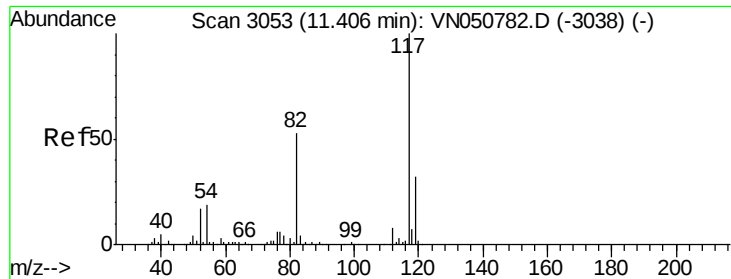
Ion Ratio Lower Upper

95 100

174 91.7 0.0 183.0

176 88.4 0.0 178.8

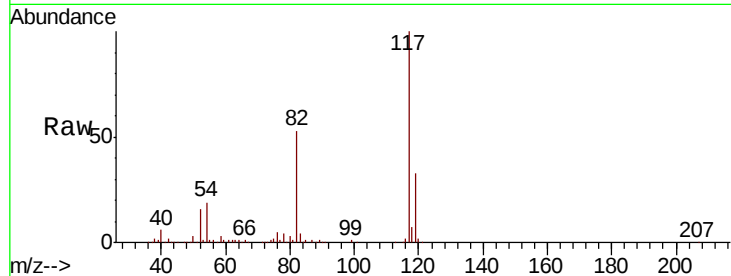




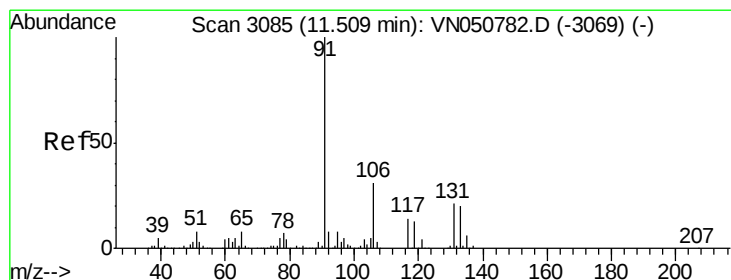
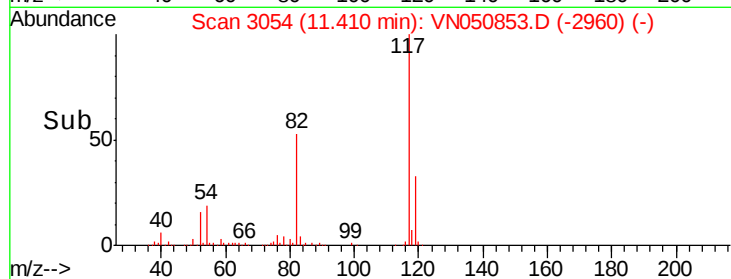
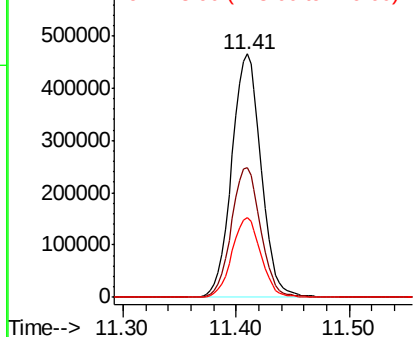
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050853.D
Acq: 23 Aug 2018 15:11

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 839864
Ion Ratio Lower Upper
117 100
82 53.3 42.6 64.0
119 32.7 25.8 38.6

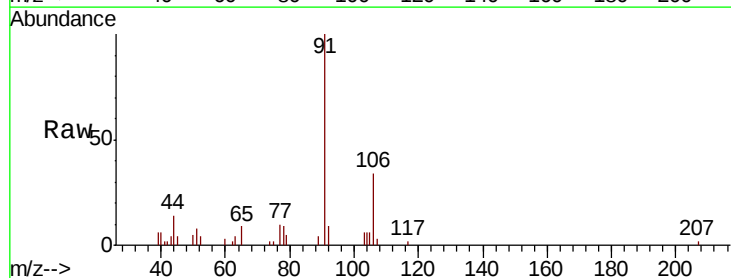


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

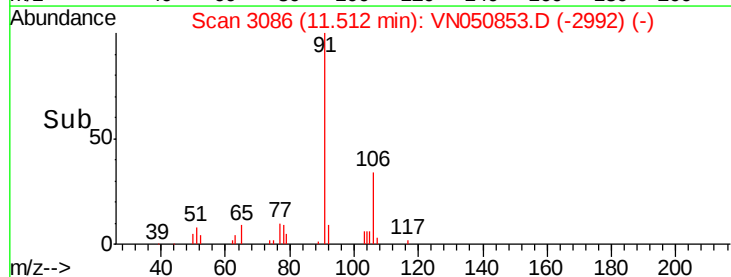
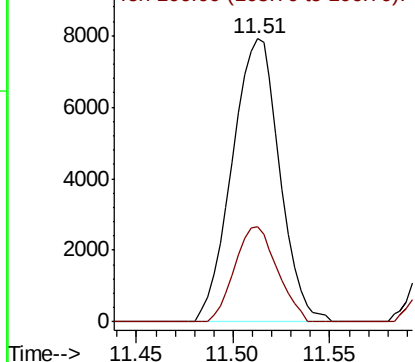


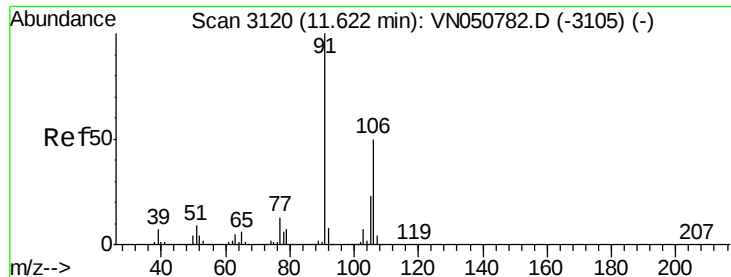
#67
Ethyl Benzene
Concen: 0.38 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050853.D
Acq: 23 Aug 2018 15:11

Tgt Ion: 91 Resp: 13514
Ion Ratio Lower Upper
91 100
106 33.8 25.0 37.4



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

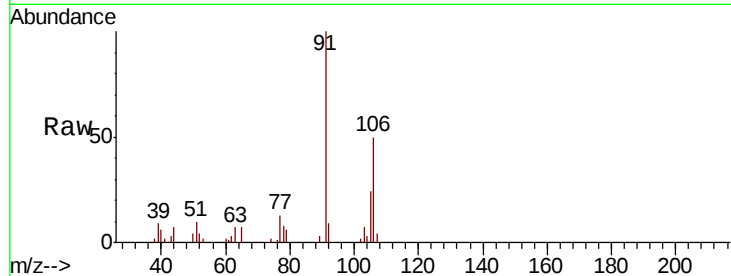




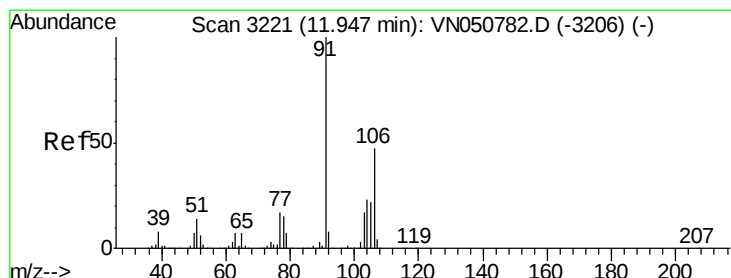
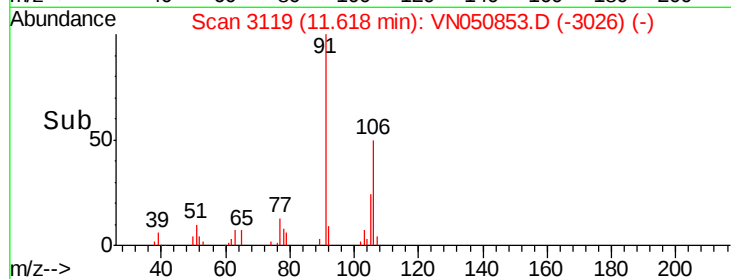
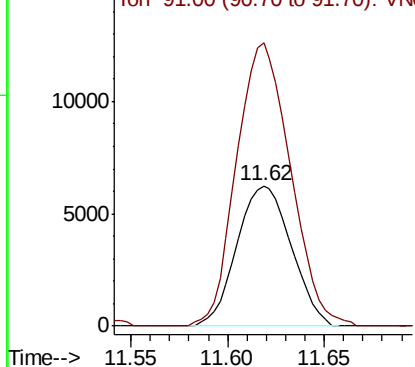
#68
m/p-Xylenes
Concen: 0.90 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN050853.D
Acq: 23 Aug 2018 15:11

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 12180
Ion Ratio Lower Upper
106 100
91 200.8 161.0 241.6

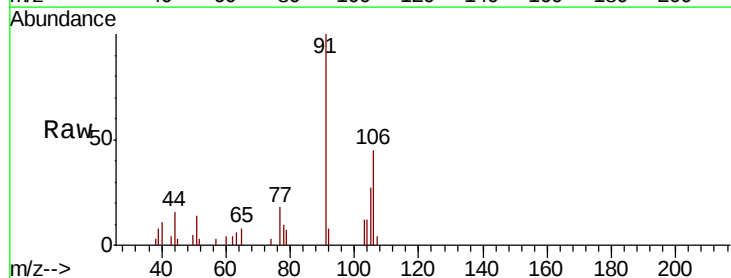


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

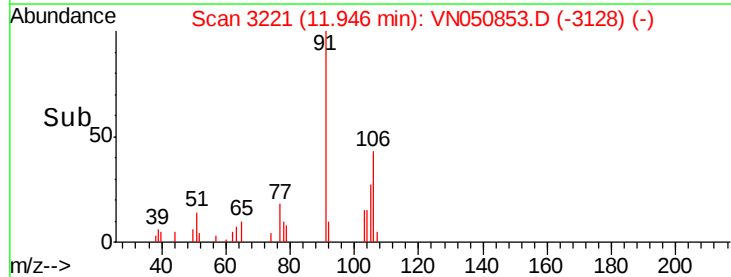
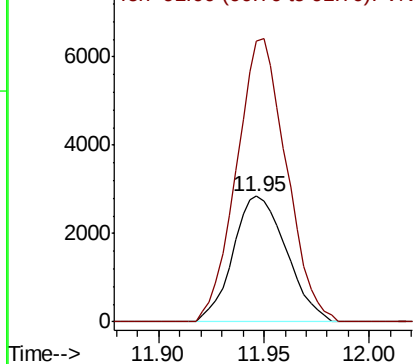


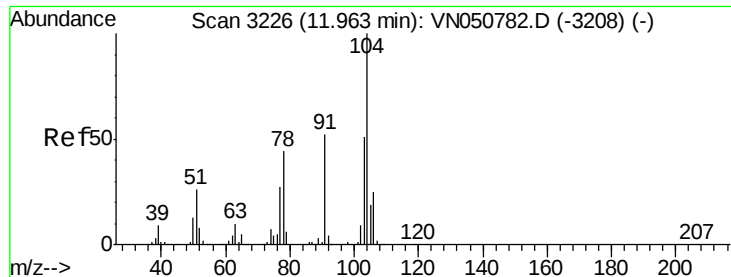
#69
o-Xylene
Concen: 0.38 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN050853.D
Acq: 23 Aug 2018 15:11

Tgt Ion:106 Resp: 4998
Ion Ratio Lower Upper
106 100
91 210.4 106.5 319.5



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





#70

Stvrene

Concen: 1.46 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

Instrument :

MSVOA_N

ClientSampled :

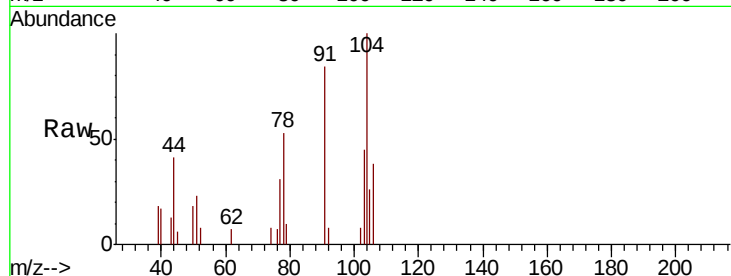
Tot Ion:104 Resp: 4509

Ion Ratio Lower Upper

104 100

78 52.4 38.2 57.4

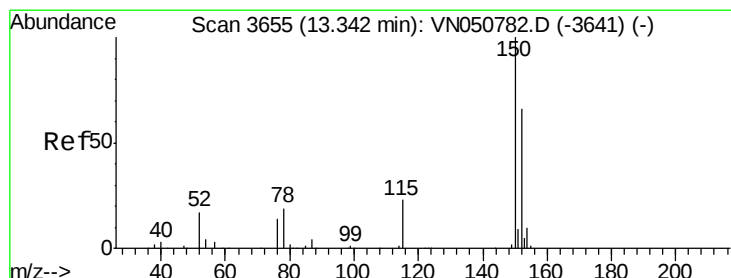
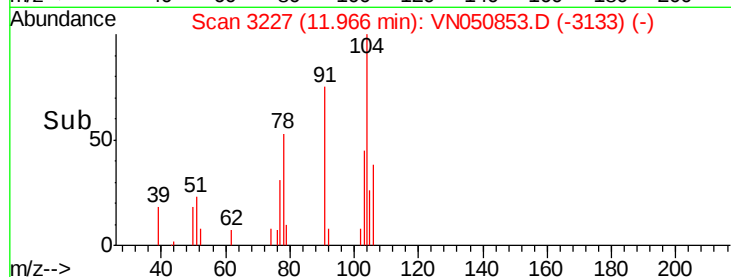
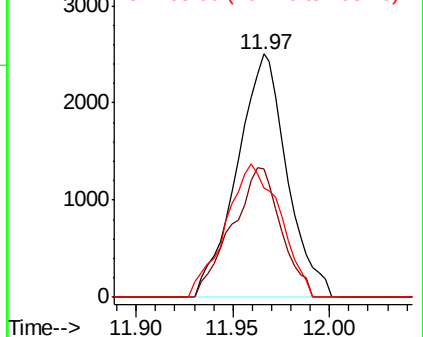
103 59.5 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

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: VN050853.D

Acq: 23 Aug 2018 15:11

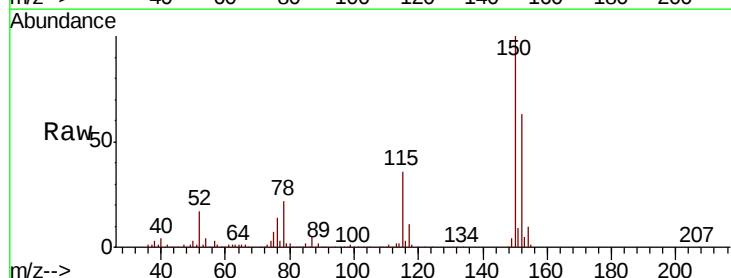
Tgt Ion:152 Resp: 300151

Ion Ratio Lower Upper

152 100

115 56.9 27.8 83.4

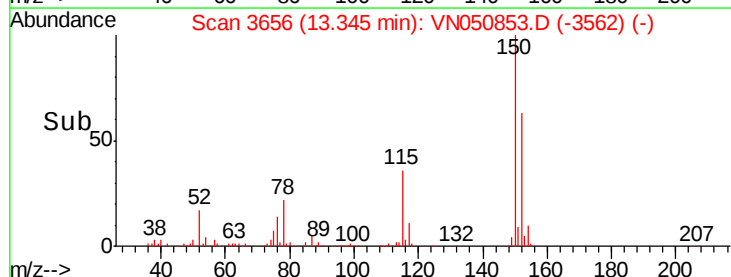
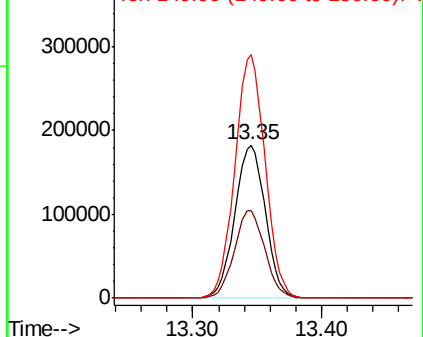
150 157.4 0.0 351.4

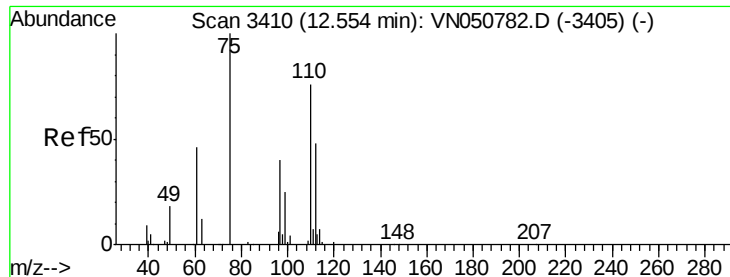


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 33.06 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

Instrument :

MSVOA_N

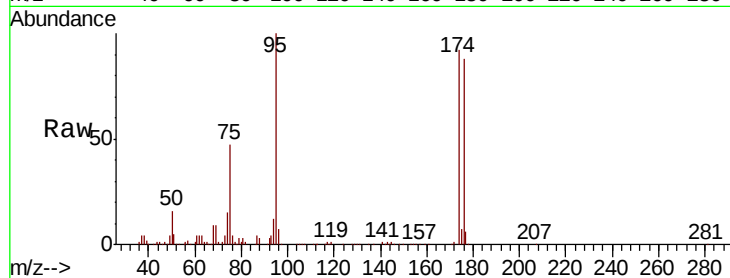
ClientSampleId :

Tot Ion: 75 Resp: 173785

Ion Ratio Lower Upper

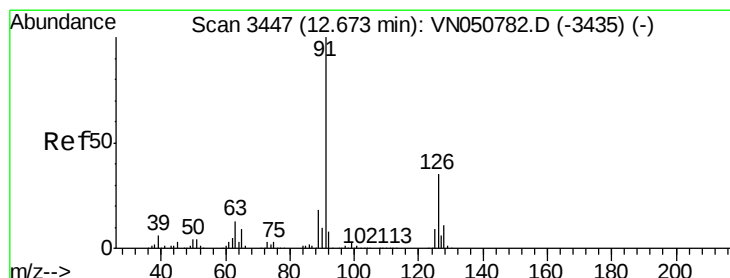
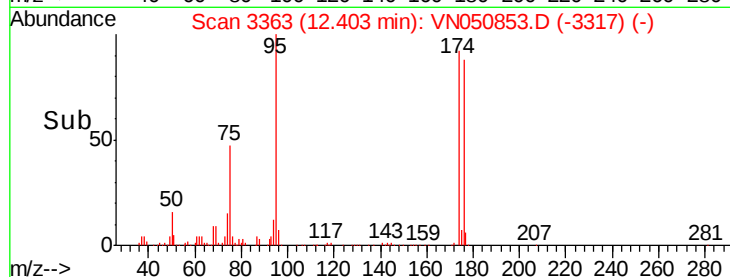
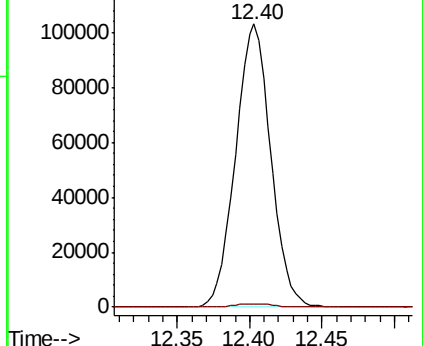
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: 0.22 ug/l

RT: 12.66 min Scan# 3442

Delta R.T. -0.02 min

Lab File: VN050853.D

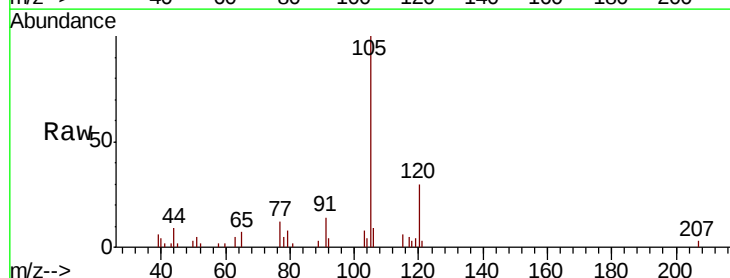
Acq: 23 Aug 2018 15:11

Tgt Ion: 91 Resp: 3779

Ion Ratio Lower Upper

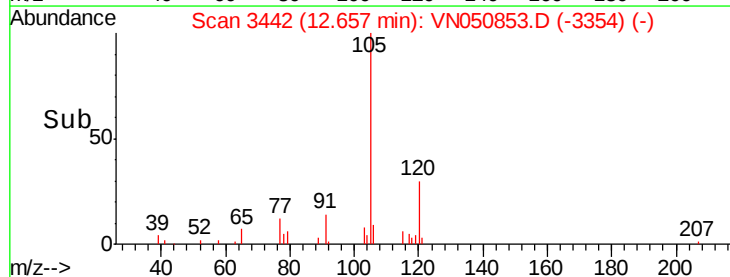
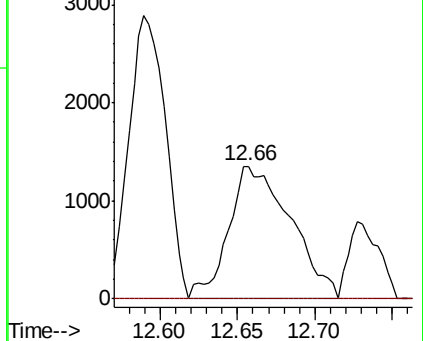
91 100

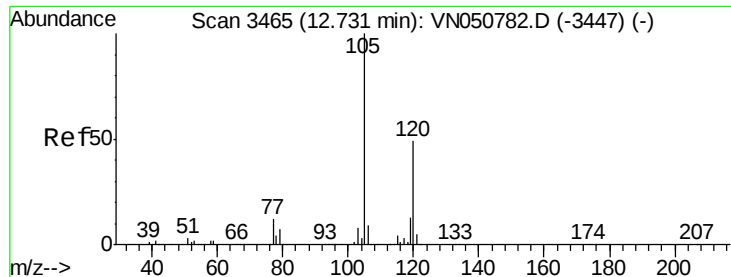
126 0.0 17.8 53.3#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

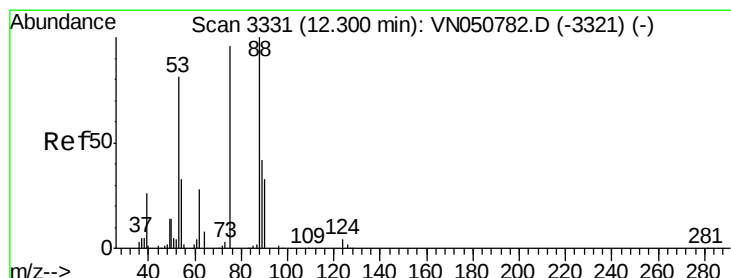
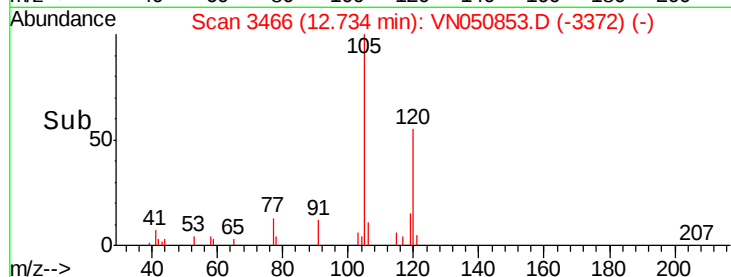
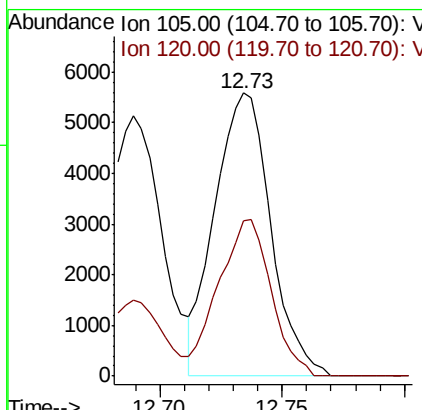
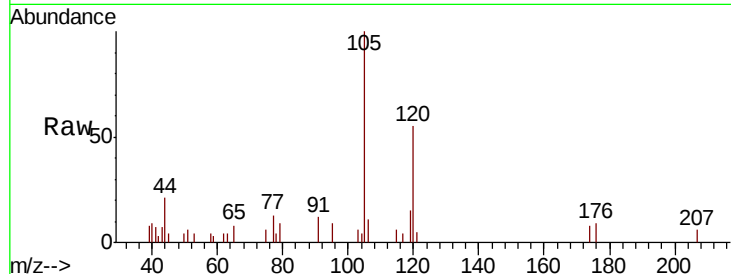




#80
 1,3,5-Trimethylbenzene
 Concen: 0.44 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. 0.00 min
 Lab File: VN050853.D
 Acq: 23 Aug 2018 15:11

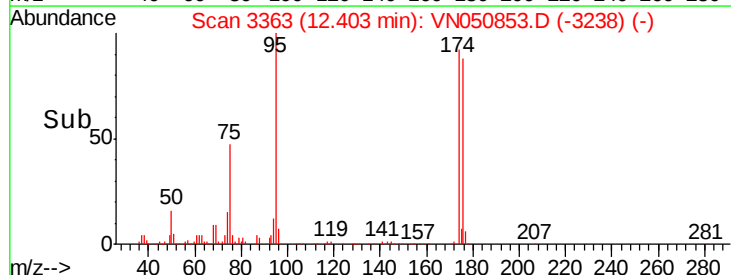
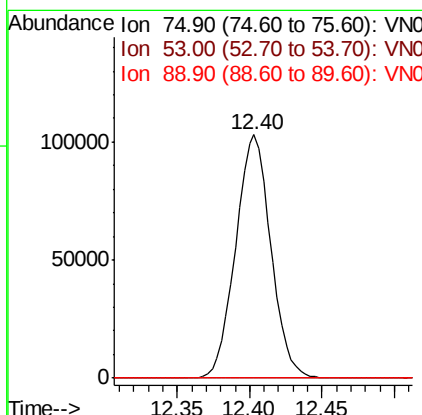
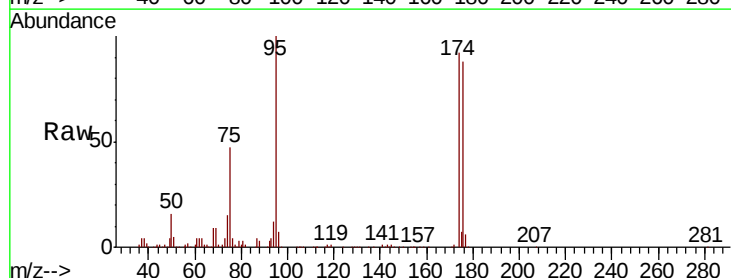
Instrument :
 MSVOA_N
 ClientSampleId :

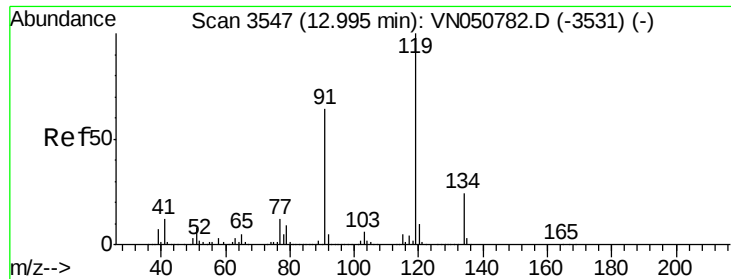
Tot Ion:105 Resp: 8905
 Ion Ratio Lower Upper
 105 100
 120 52.7 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.75 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.10 min
 Lab File: VN050853.D
 Acq: 23 Aug 2018 15:11

Tgt Ion: 75 Resp: 173785
 Ion Ratio Lower Upper
 75 100
 53 0.1 68.9 103.3#
 89 0.0 36.1 54.1#

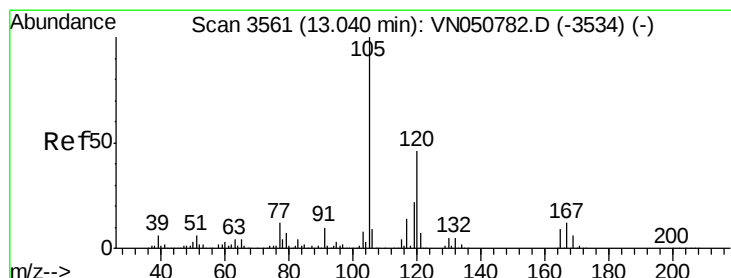
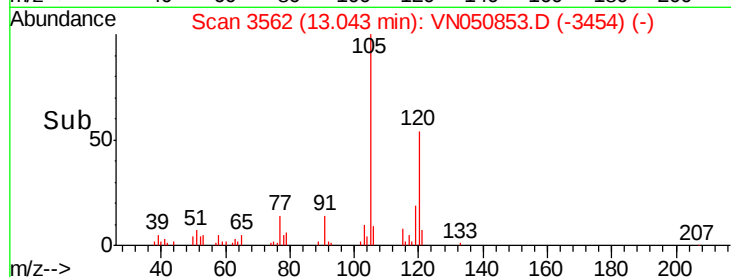
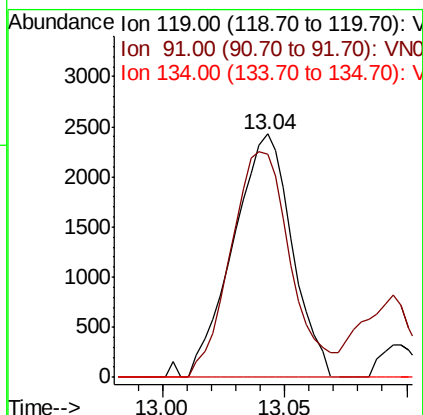
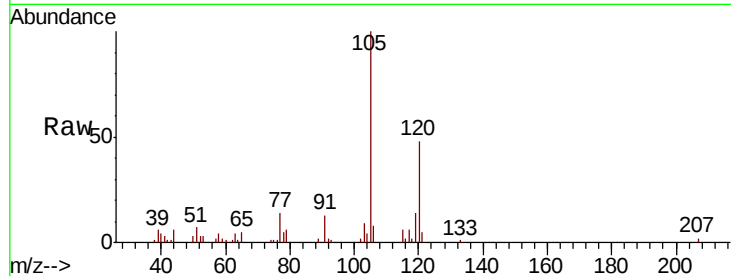




#83
 tert-Butylbenzene
 Concen: 0.23 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.05 min
 Lab File: VN050853.D
 Acq: 23 Aug 2018 15:11

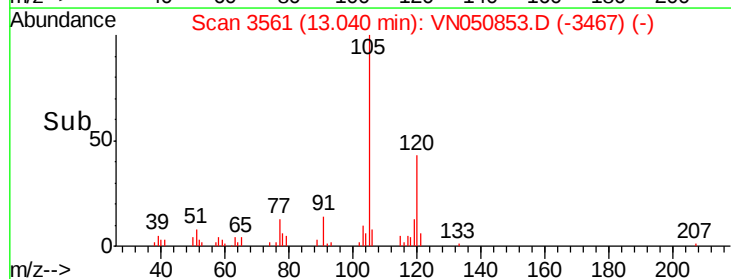
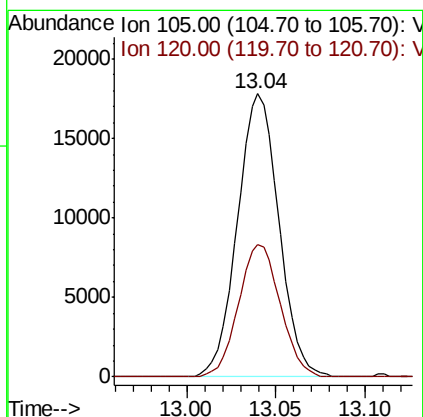
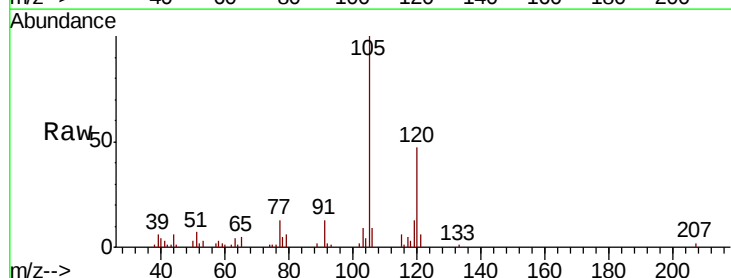
Instrument :
 MSVOA_N
 ClientSampleId :

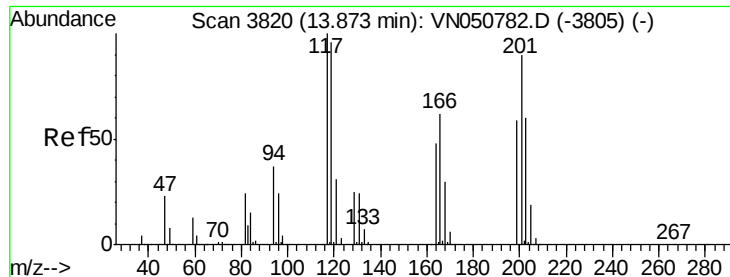
Tot Ion:119 Resp: 4048
 Ion Ratio Lower Upper
 119 100
 91 94.3 31.6 94.7
 134 0.0 13.4 40.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 1.43 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050853.D
 Acq: 23 Aug 2018 15:11

Tgt Ion:105 Resp: 28932
 Ion Ratio Lower Upper
 105 100
 120 47.0 22.9 68.8





#90

Hexachloroethane

Concen: 0.55 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

Instrument :

MSVOA_N

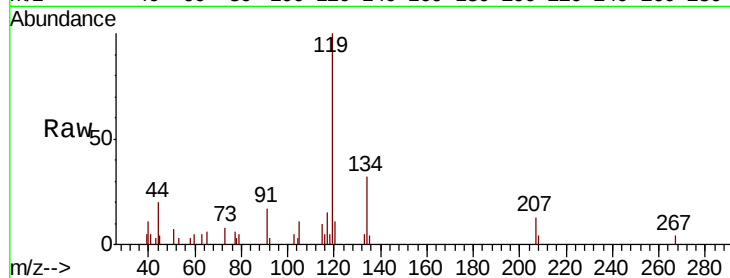
ClientSampled :

Tot Ion:117 Resp: 1371

Ion Ratio Lower Upper

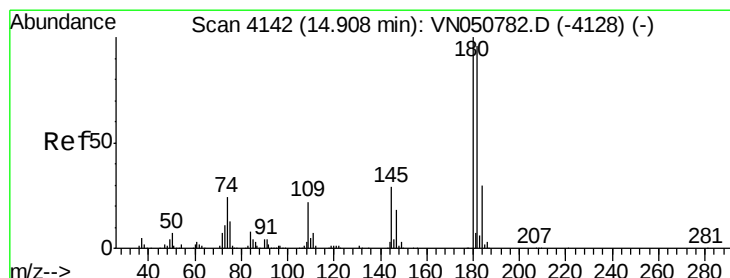
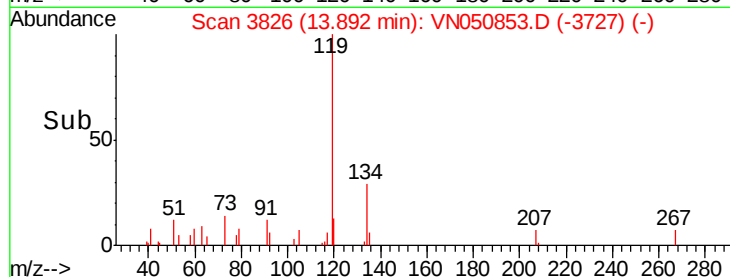
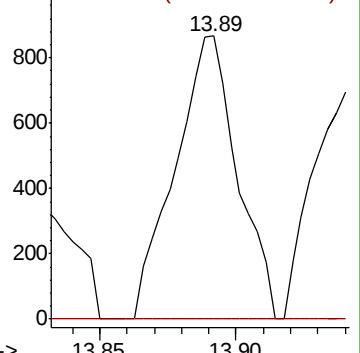
117 100

201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 4.34 ug/l

RT: 14.92 min Scan# 4145

Delta R.T. 0.01 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

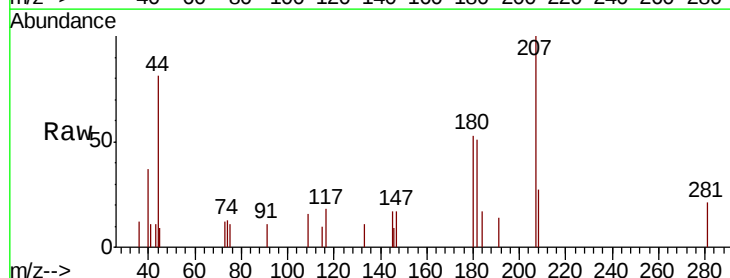
Tgt Ion:180 Resp: 1622

Ion Ratio Lower Upper

180 100

182 85.1 48.2 144.6

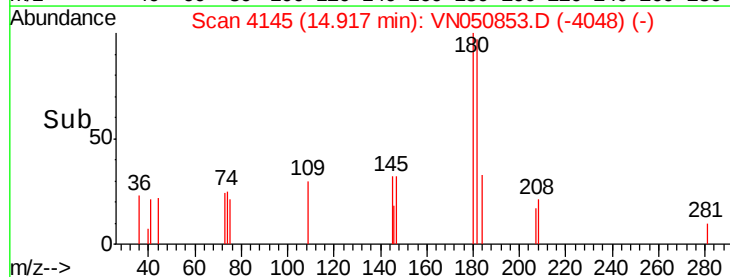
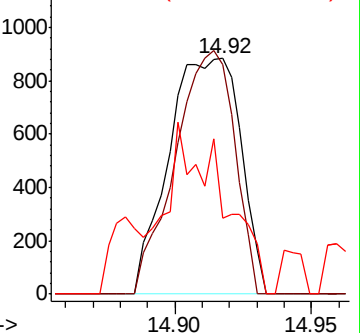
145 56.6 14.1 42.2#

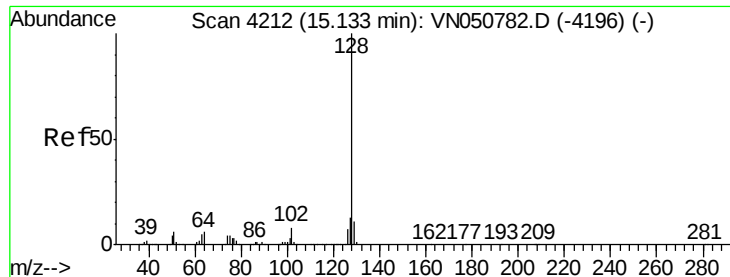


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 13.02 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050853.D

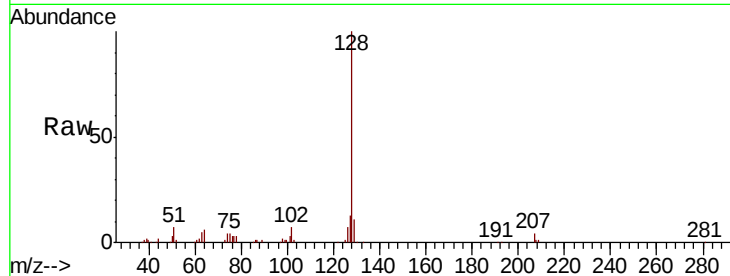
Acq: 23 Aug 2018 15:11

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	128	Resp:	102470
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.3	8.7	13.1

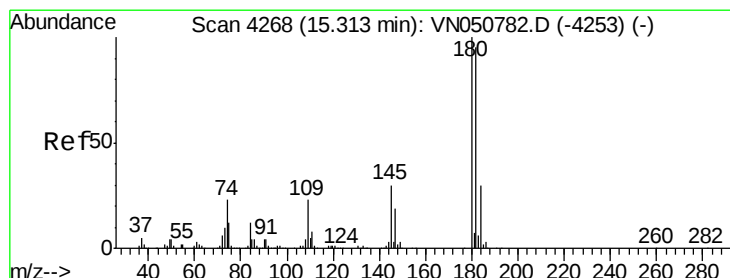
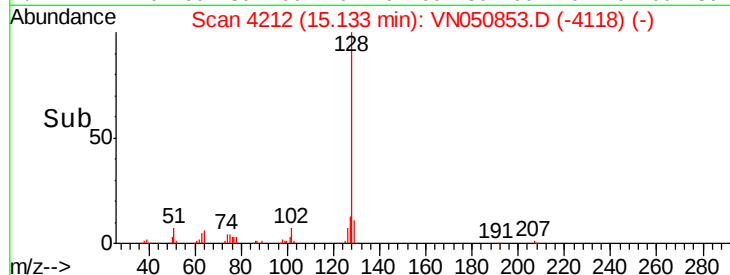
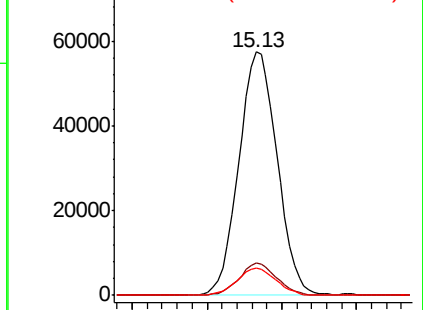


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.34 ug/l

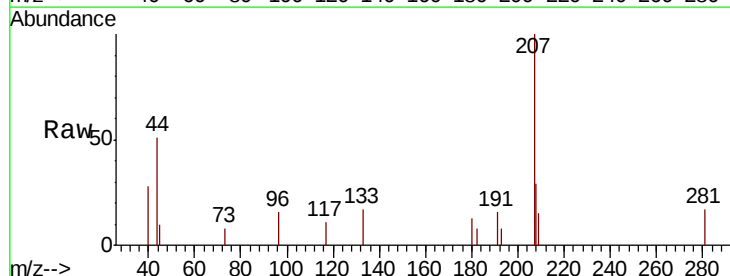
RT: 15.31 min Scan# 4267

Delta R.T. -0.00 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

Tgt Ion:	180	Resp:	265
Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.0	144.2
145	41.5	15.2	45.6



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

