

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082218\
 Data File : VN050830.D
 Acq On : 22 Aug 2018 19:34
 Operator : MD\SY
 Sample : J4283-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-082118

Quant Time: Aug 23 01:09:11 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	701962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1145686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	958515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	356606	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	454190	53.75	ug/l	0.00
Spiked Amount			Recovery	=	107.50%	
35) Dibromofluoromethane	7.59	113	428791	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	
50) Toluene-d8	10.09	98	1545672	45.36	ug/l	0.00
Spiked Amount			Recovery	=	90.72%	
62) 4-Bromofluorobenzene	12.40	95	430163	37.99	ug/l	0.00
Spiked Amount			Recovery	=	75.98%	

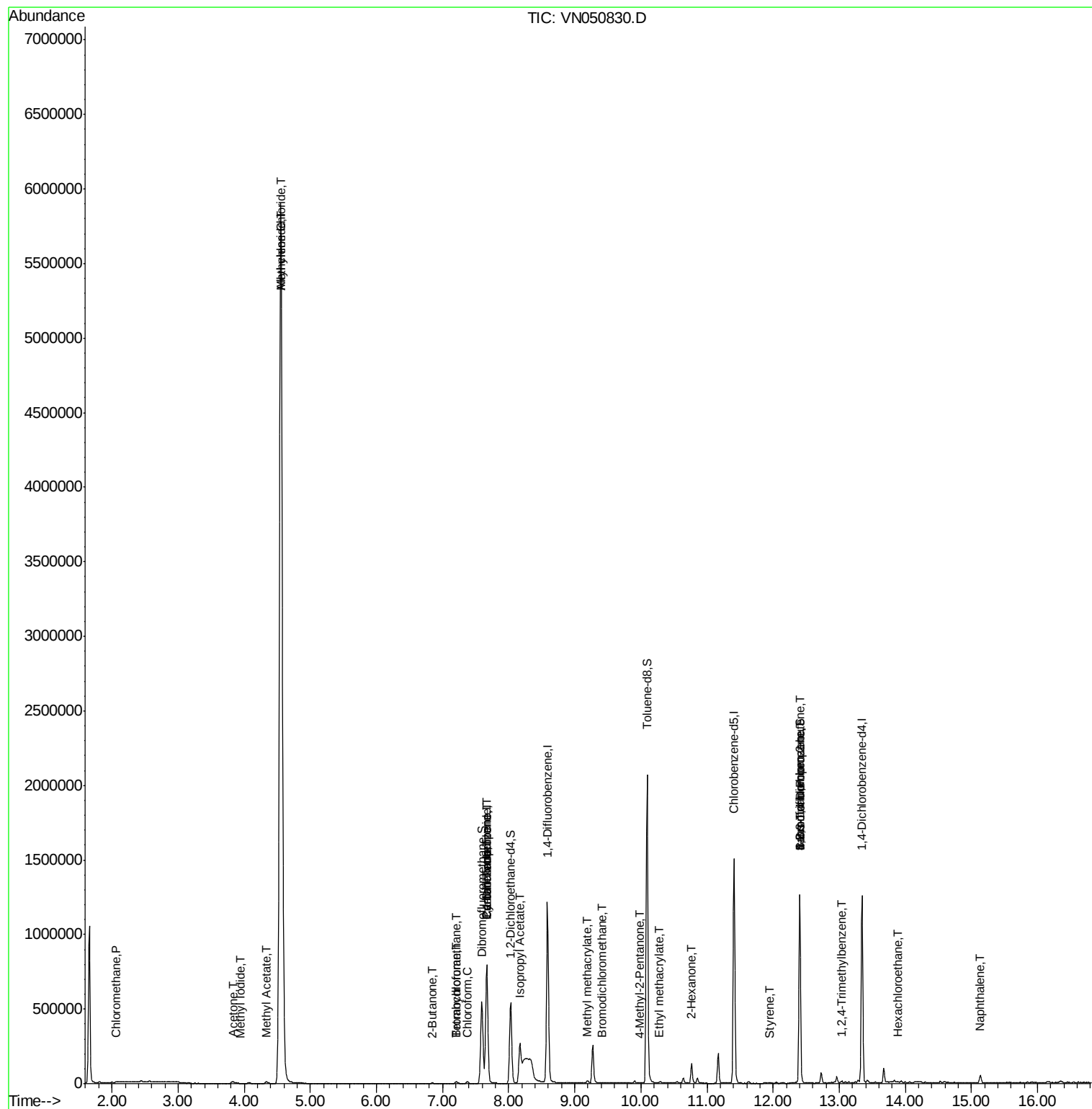
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2517	0.22	ug/l	100
5) Bromomethane	2.58	94	2974	Below Cal		98
10) Methyl Iodide	3.95	142	823	6.43	ug/l #	43
14) Allyl chloride	4.55	41	166310	13.54	ug/l #	27
16) Acetone	3.83	43	25472	5.83	ug/l	98
18) Methyl Acetate	4.33	43	19183	2.40	ug/l #	71
20) Methylene Chloride	4.55	84	4793002	503.23	ug/l	98
25) 2-Butanone	6.85	43	2329	0.68	ug/l #	83
28) Bromochloromethane	7.20	49	6130	0.92	ug/l #	95
29) Tetrahydrofuran	7.21	42	1000	0.51	ug/l #	52
30) Chloroform	7.37	83	11384	0.73	ug/l	96
31) Cyclohexane	7.67	56	12299	1.31	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	46850	3.47	ug/l #	49
38) Carbon Tetrachloride	7.67	117	61830	4.52	ug/l #	17
43) Isopropyl Acetate	8.17	43	354713	26.56	ug/l #	91
47) Bromodichloromethane	9.40	83	2651	0.20	ug/l #	84
48) Methyl methacrylate	9.18	41	8889	1.31	ug/l #	15
51) 4-Methyl-2-Pentanone	9.98	43	1839	0.23	ug/l	100
56) Ethyl methacrylate	10.27	69	302	2.37	ug/l #	1
59) 2-Hexanone	10.77	43	18141	3.42	ug/l #	55
70) Styrene	11.96	104	336	1.28	ug/l #	64
71) Bromoform	12.40	173	2822	0.45	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.56	83	163	Below Cal		26
76) 1,2,3-Trichloropropane	12.40	75	202518	32.42	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	202518	109.61	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	6288	0.26	ug/l	99
90) Hexachloroethane	13.89	117	198	0.23	ug/l #	4
95) Naphthalene	15.14	128	43529	8.13	ug/l	99

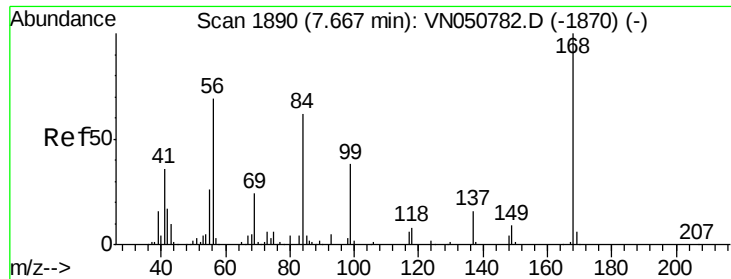
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082218\
Data File : VN050830.D
Acq On : 22 Aug 2018 19:34
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Sample : J4283-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-04-082118

Quant Time: Aug 23 01:09:11 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# 1891

Delta R.T. 0.00 min

Lab File: VN050830.D

Acq: 22 Aug 2018 19:34

Instrument :

MSVOA_N

ClientSampleId :

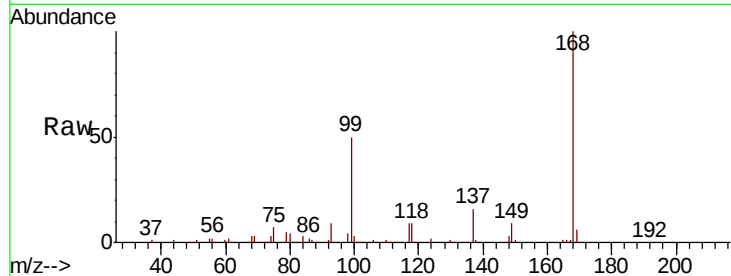
TR-04-082118

Tot Ion:168 Resp: 701962

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): VNO

7.67

300000

200000

100000

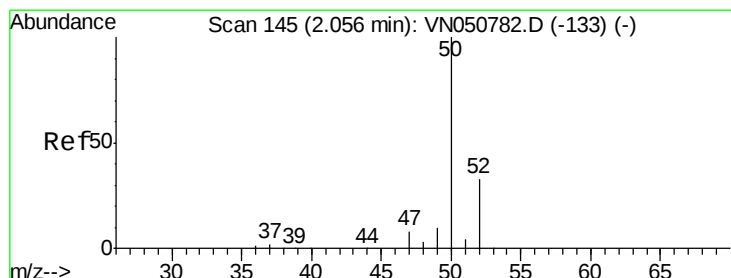
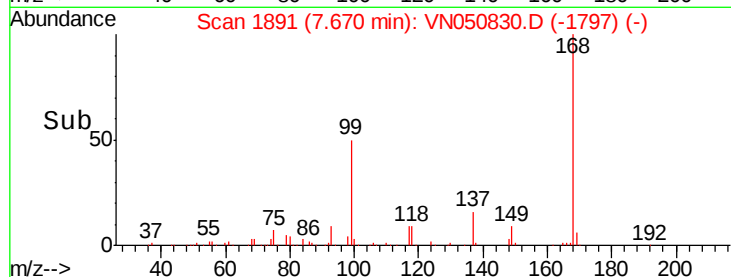
0

Time-->

7.60

7.70

7.80



#3

Chloromethane

Concen: 0.22 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050830.D

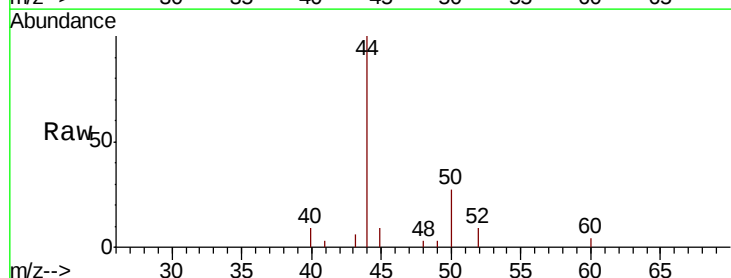
Acq: 22 Aug 2018 19:34

Tgt Ion: 50 Resp: 2517

Ion Ratio Lower Upper

50 100

52 32.8 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2000

1500

1000

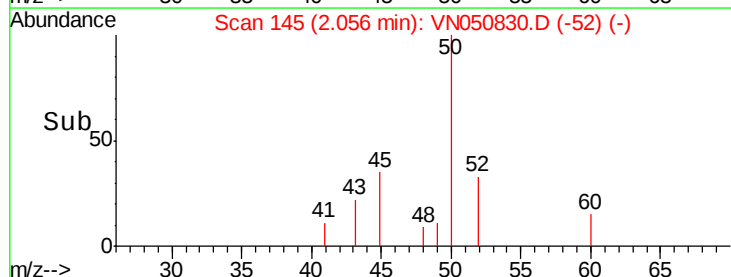
500

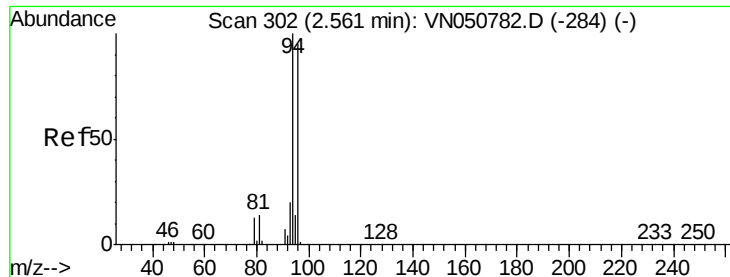
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Time-->

2.05

2.10





#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 307

Delta R.T. 0.02 min

Lab File: VN050830.D

Acq: 22 Aug 2018 19:34

Instrument :

MSVOA_N

ClientSampleId :

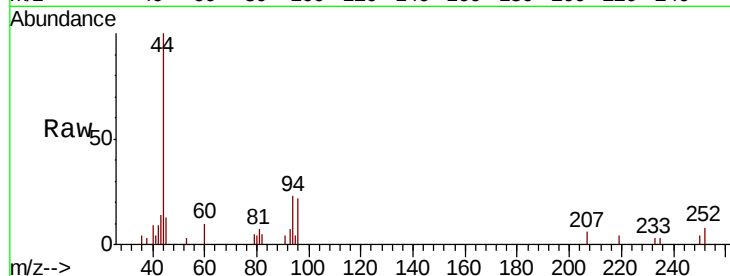
TR-04-082118

Tot Ion: 94 Resp: 2974

Ion Ratio Lower Upper

94 100

96 96.8 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN050782.D (-284) (-)

Ion 95.90 (95.60 to 96.60): VN050830.D (-209) (-)

2.58

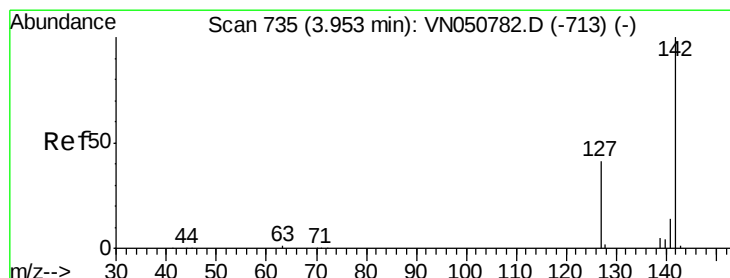
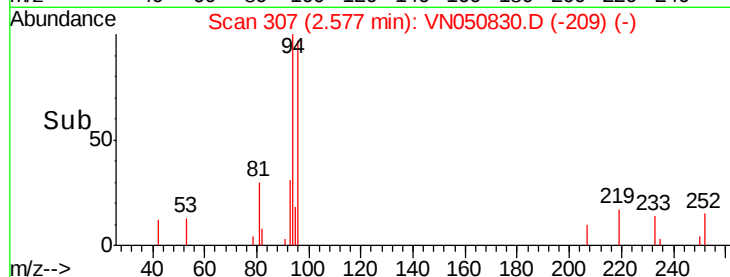
1500

1000

500

0

Time--> 2.50 2.55 2.60 2.65



#10

Methyl Iodide

Concen: 6.43 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN050830.D

Acq: 22 Aug 2018 19:34

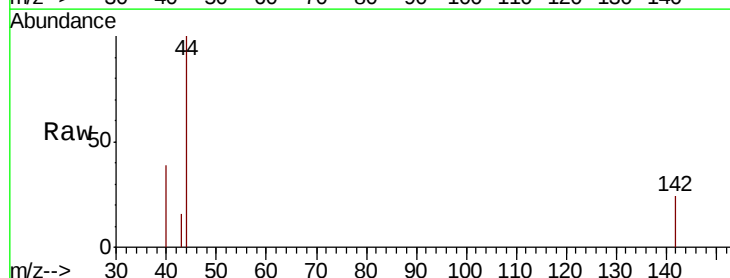
Tgt Ion: 142 Resp: 823

Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): VN050782.D (-713) (-)

Ion 126.80 (126.50 to 127.50): VN050830.D (-642) (-)

Ion 140.80 (140.50 to 141.50): VN050830.D (-642) (-)

3.95

500

400

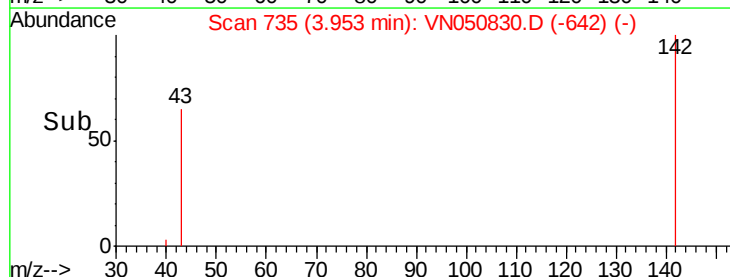
300

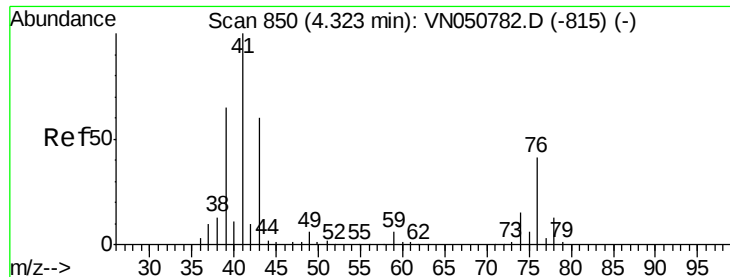
200

100

0

Time--> 3.90 3.95 4.00

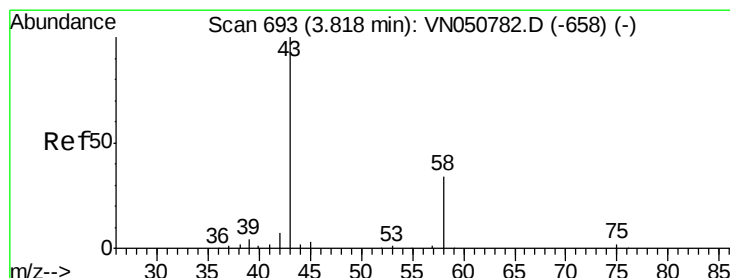
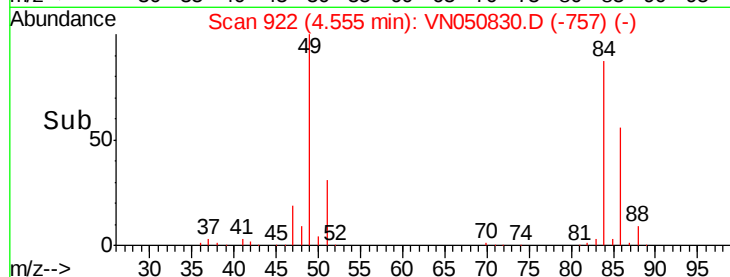
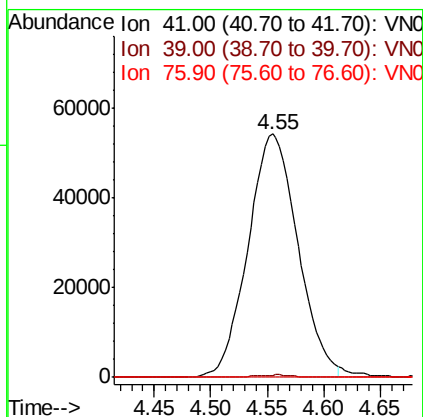
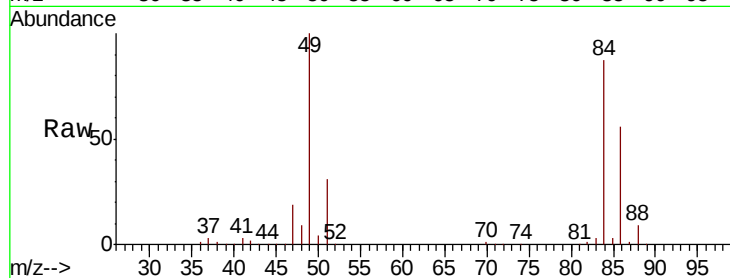




#14
Allvl chloride
Concen: 13.54 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.23 min
Lab File: VN050830.D
Acq: 22 Aug 2018 19:34

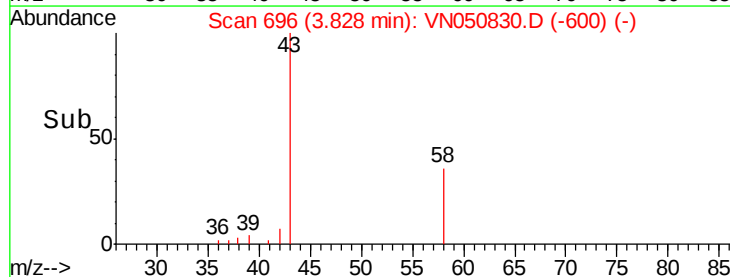
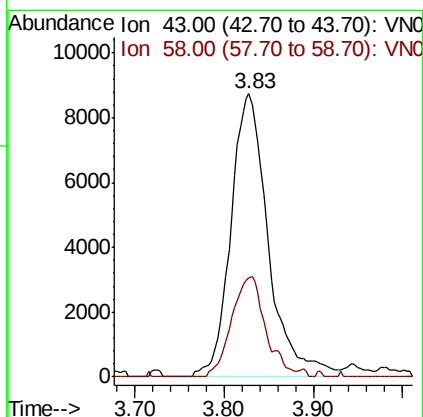
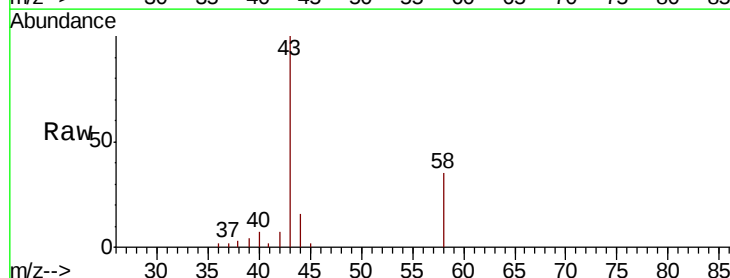
Instrument :
MSVOA_N
ClientSampled :
TR-04-082118

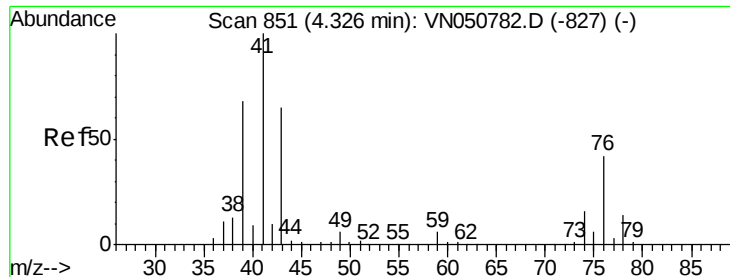
Tot Ion: 41 Resp: 166310
Ion Ratio Lower Upper
41 100
39 0.7 50.2 75.2#
76 0.0 29.8 44.8#



#16
Acetone
Concen: 5.83 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.01 min
Lab File: VN050830.D
Acq: 22 Aug 2018 19:34

Tgt Ion: 43 Resp: 25472
Ion Ratio Lower Upper
43 100
58 35.2 27.2 40.8





#18

Methyl Acetate

Concen: 2.40 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN050830.D

Acq: 22 Aug 2018 19:34

Instrument :

MSVOA_N

ClientSampleId :

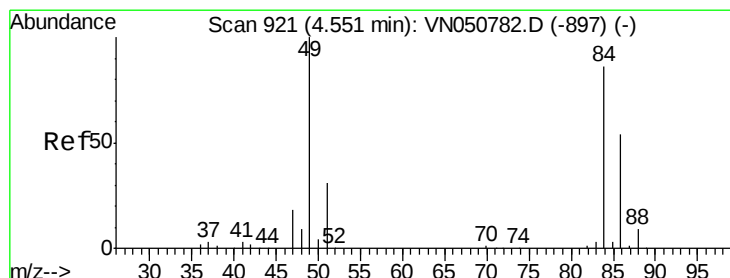
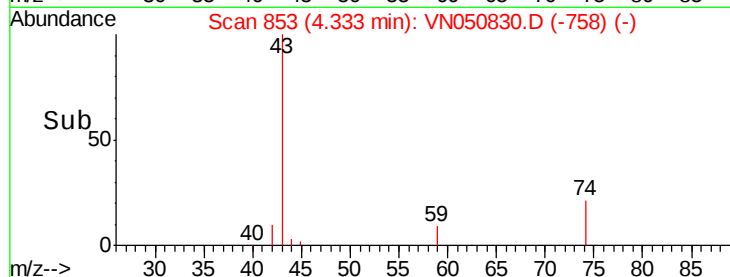
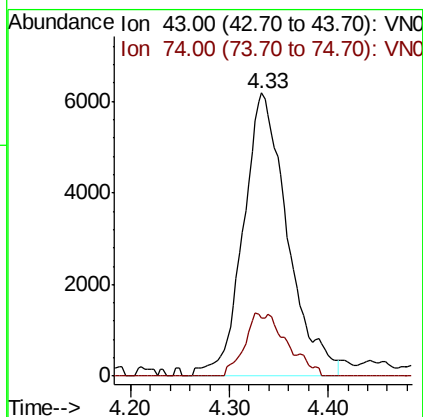
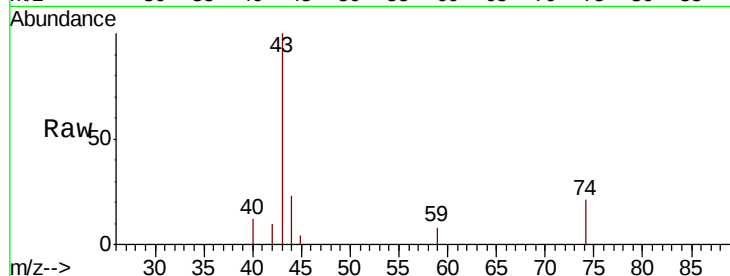
TR-04-082118

Tot Ion: 43 Resp: 19183

Ion Ratio Lower Upper

43 100

74 10.3 19.8 29.8#



#20

Methylene Chloride

Concen: 503.23 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050830.D

Acq: 22 Aug 2018 19:34

Tgt Ion: 84 Resp: 4793002

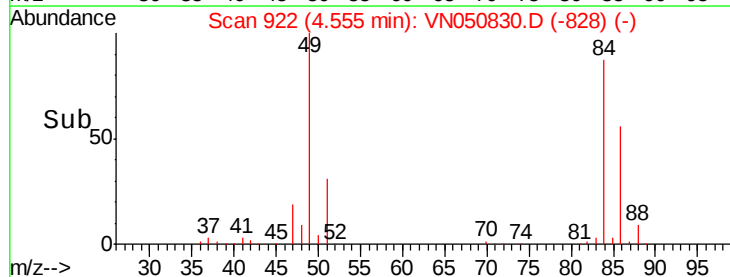
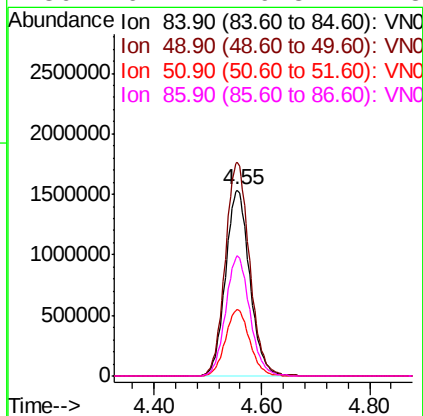
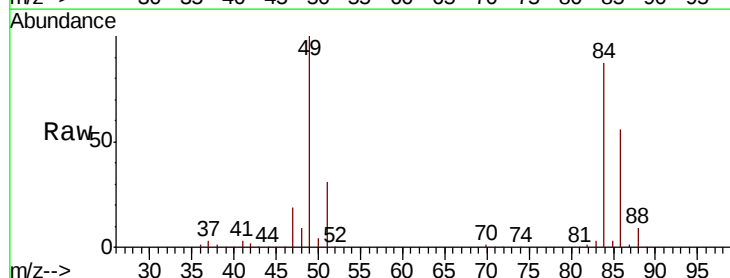
Ion Ratio Lower Upper

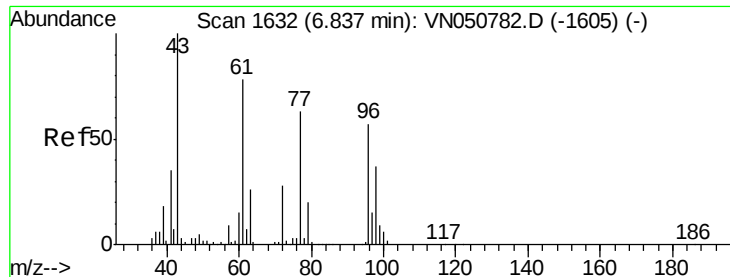
84 100

49 114.8 93.2 139.8

51 35.6 29.0 43.6

86 64.4 49.8 74.8





#25

2-Butanone

Concen: 0.68 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN050830.D

Acq: 22 Aug 2018 19:34

Instrument :

MSVOA_N

ClientSampled :

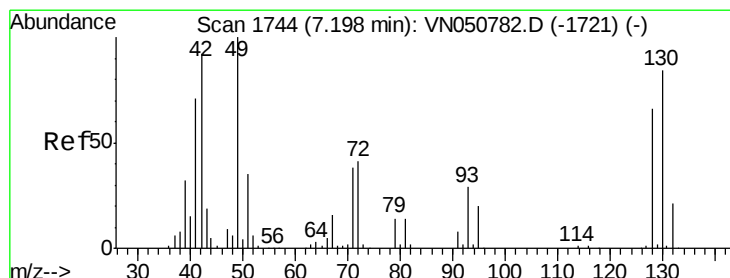
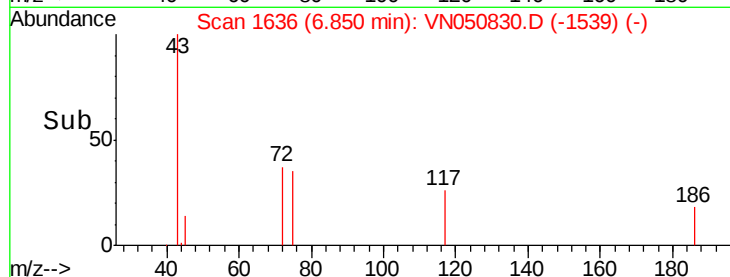
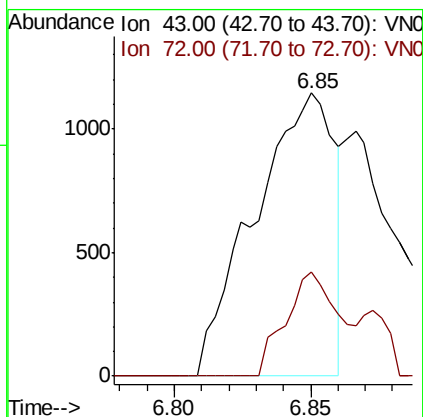
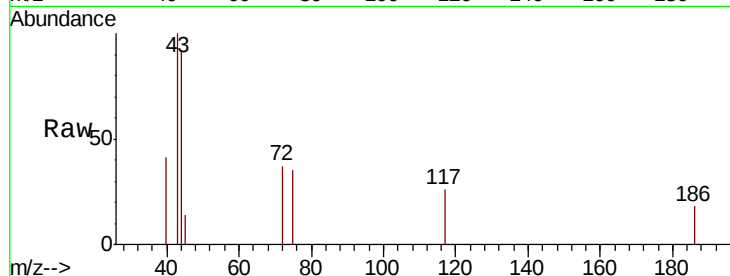
TR-04-082118

Tot Ion: 43 Resp: 2329

Ion Ratio Lower Upper

43 100

72 36.9 22.3 33.5#



#28

Bromochloromethane

Concen: 0.92 ug/l

RT: 7.20 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VN050830.D

Acq: 22 Aug 2018 19:34

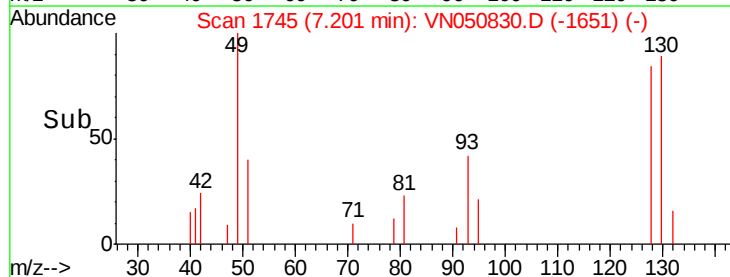
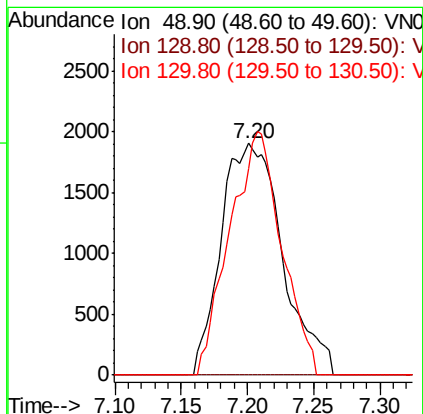
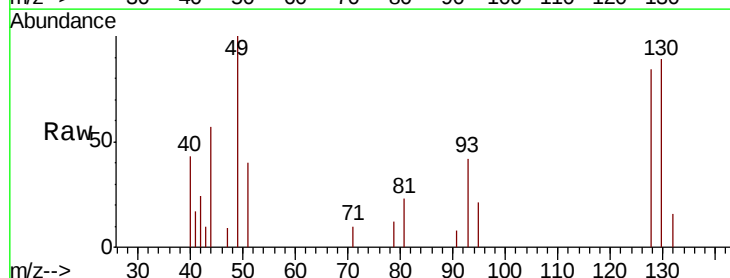
Tgt Ion: 49 Resp: 6130

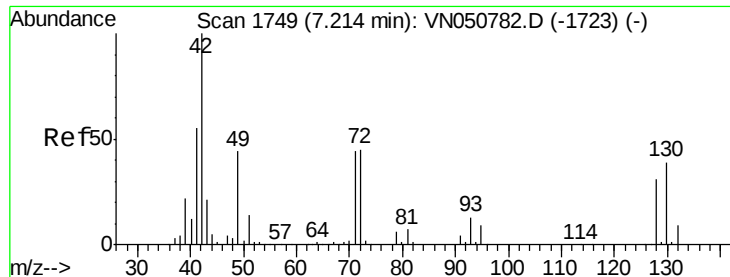
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 88.7 67.1 100.7





#29

Tetrahydrofuran

Concen: 0.51 ug/l

RT: 7.21 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VN050830.D

Acq: 22 Aug 2018 19:34

Instrument :

MSVOA_N

ClientSampled :

TR-04-082118

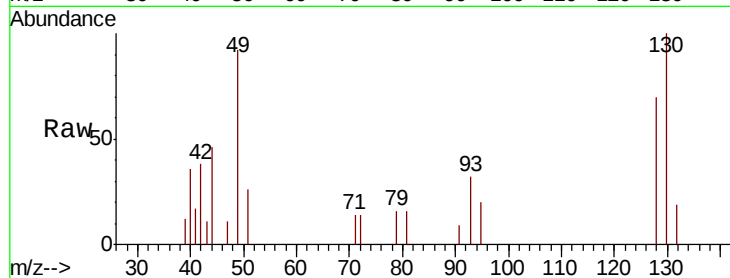
Tot Ion: 42 Resp: 1000

Ion Ratio Lower Upper

42 100

72 0.0 35.5 53.3#

71 25.1 33.7 50.5#

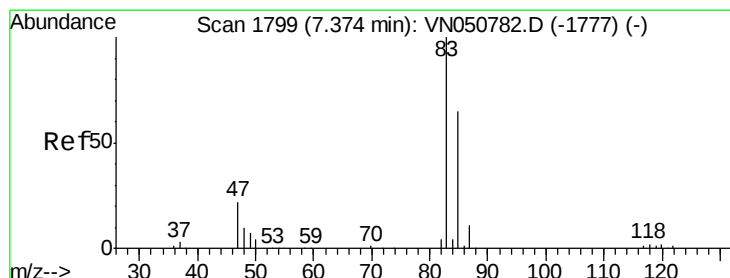
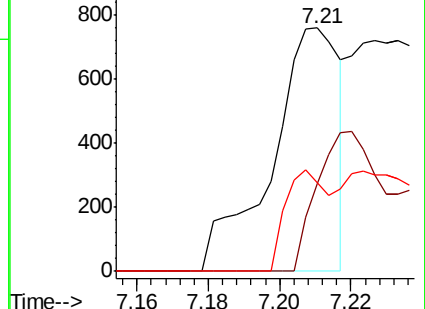
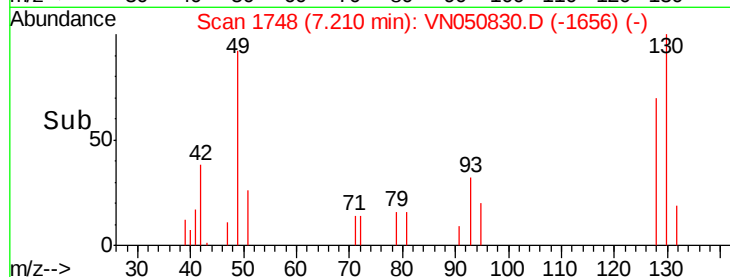


Abundance Ion 42.00 (41.70 to 42.70): VN050830.D (-1656) (-)

Ion 72.00 (71.70 to 72.70): VN050830.D (-1656) (-)

Ion 71.00 (70.70 to 71.70): VN050830.D (-1656) (-)

Time-->



#30

Chloroform

Concen: 0.73 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN050830.D

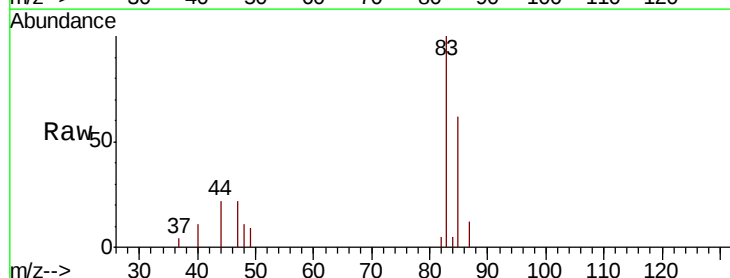
Acq: 22 Aug 2018 19:34

Tgt Ion: 83 Resp: 11384

Ion Ratio Lower Upper

83 100

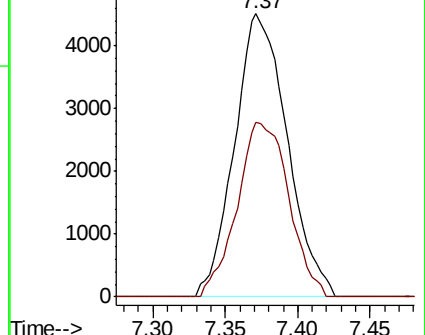
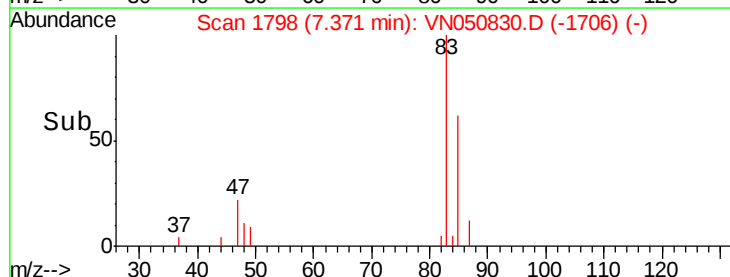
85 61.9 52.2 78.4

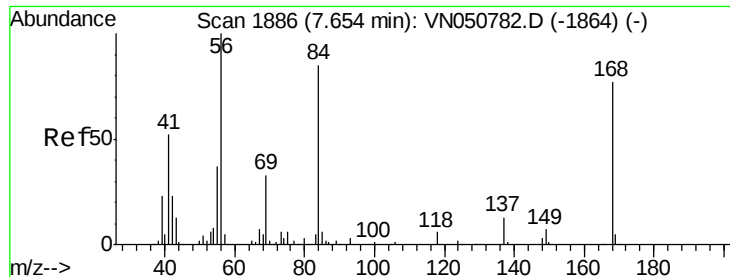


Abundance Ion 82.90 (82.60 to 83.60): VN050830.D (-1706) (-)

Ion 84.90 (84.60 to 85.60): VN050830.D (-1706) (-)

Time-->

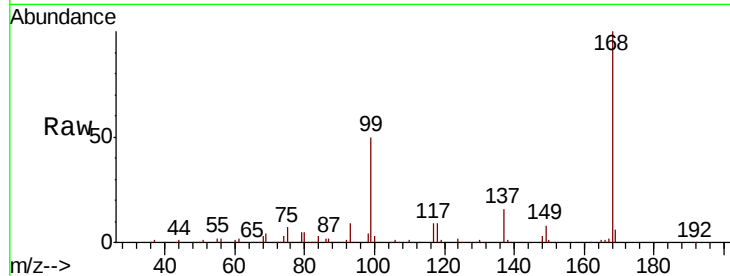




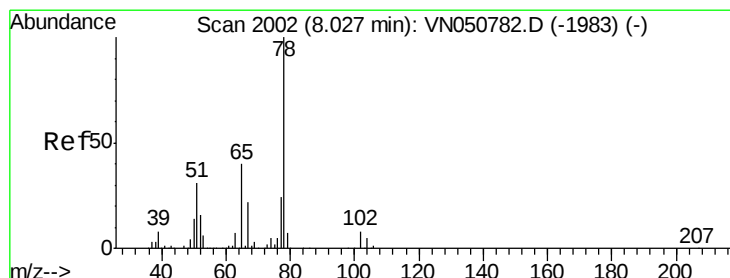
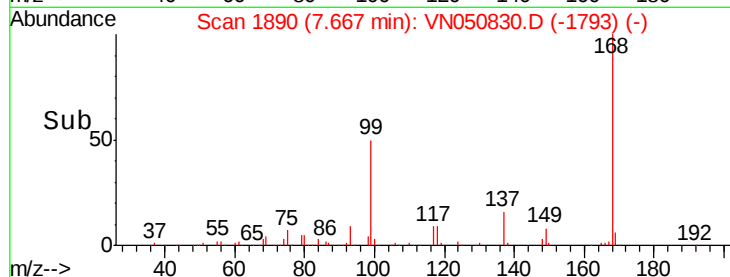
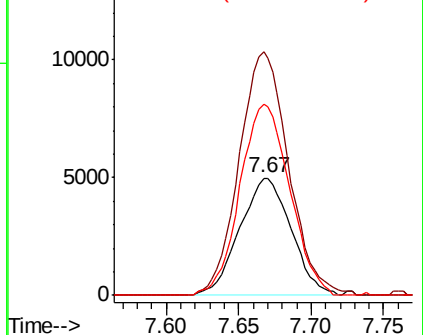
#31
Cyclohexane
Concen: 1.31 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050830.D
Acq: 22 Aug 2018 19:34

Instrument :
MSVOA_N
ClientSampled :
TR-04-082118

Tot Ion: 56 Resp: 12299
Ion Ratio Lower Upper
56 100
69 207.7 26.2 39.4#
84 163.3 68.3 102.5#

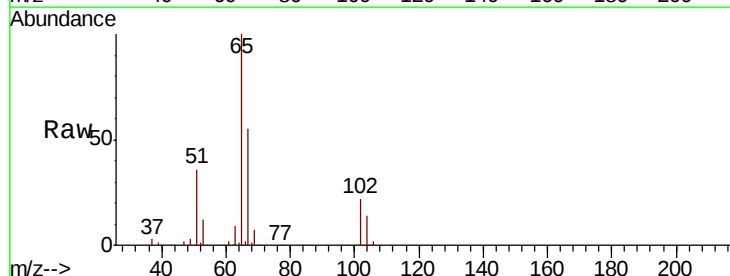


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

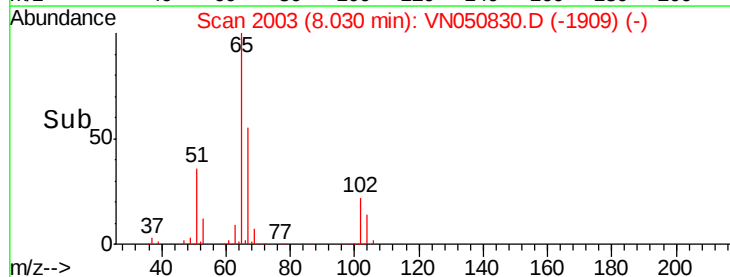
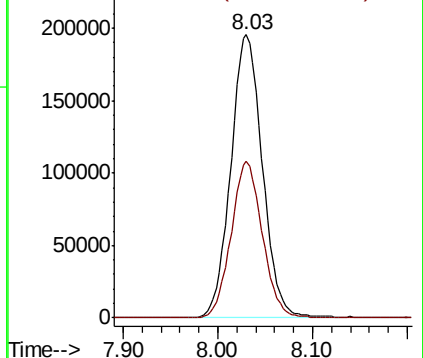


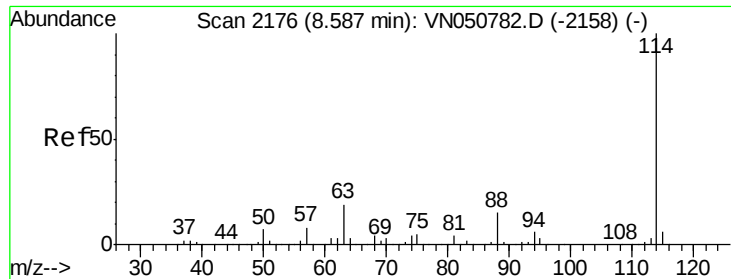
#33
1,2-Dichloroethane-d4
Concen: 53.75 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050830.D
Acq: 22 Aug 2018 19:34

Tgt Ion: 65 Resp: 454190
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.4



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

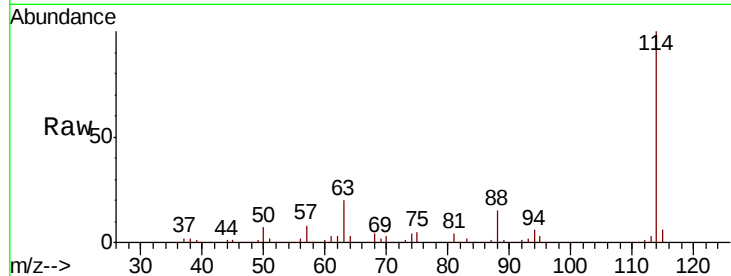




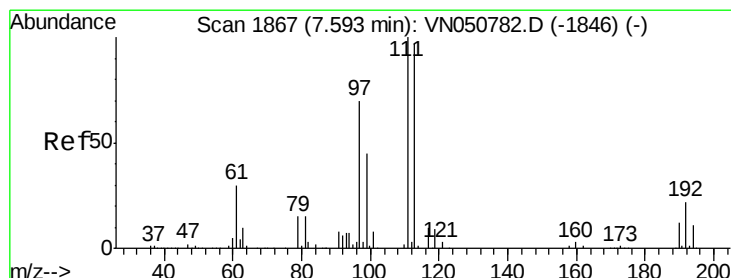
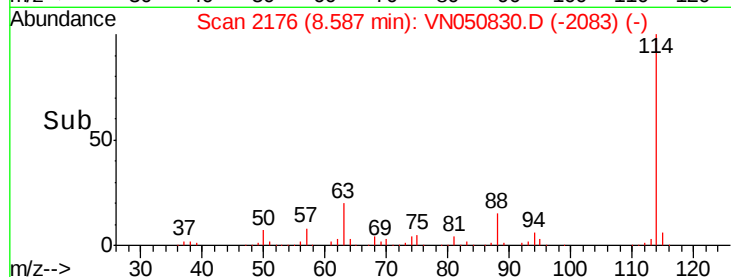
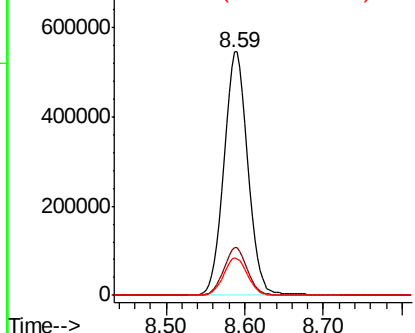
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050830.D
 Acq: 22 Aug 2018 19:34

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-082118

Tot Ion:114 Resp: 1145686
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.4 0.0 30.6

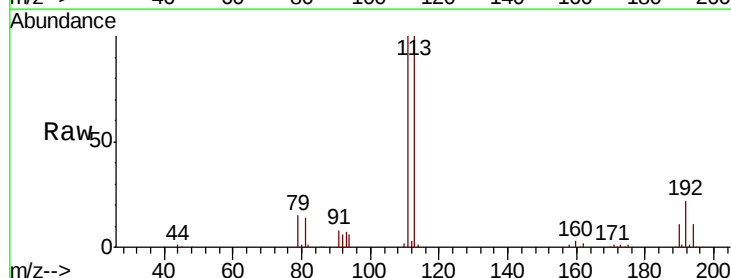


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

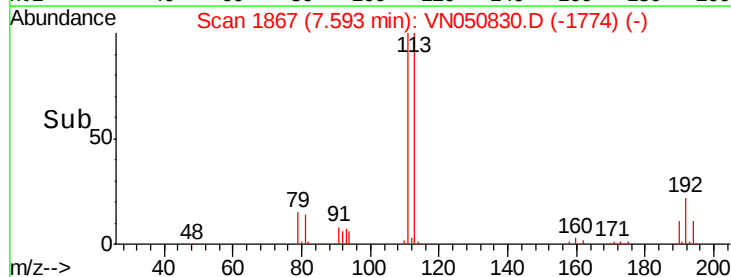
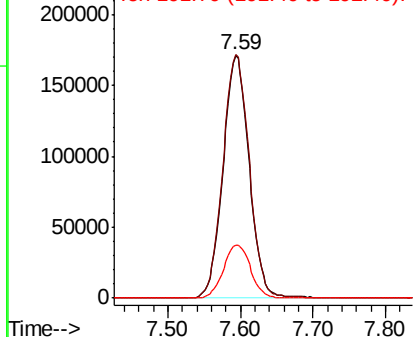


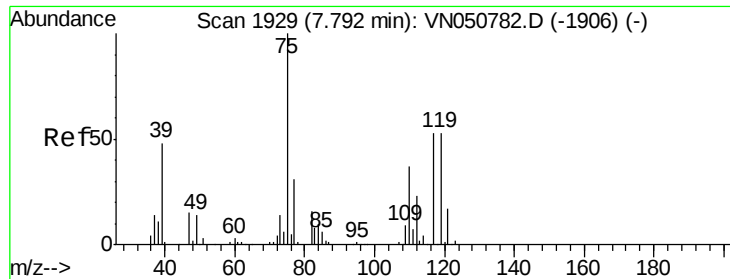
#35
 Dibromofluoromethane
 Concen: 47.04 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050830.D
 Acq: 22 Aug 2018 19:34

Tgt Ion:113 Resp: 428791
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.6 123.8
 192 22.5 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

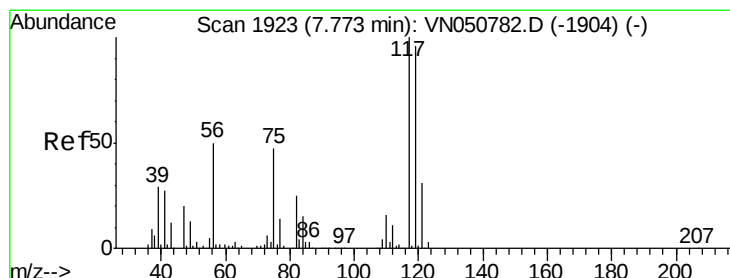
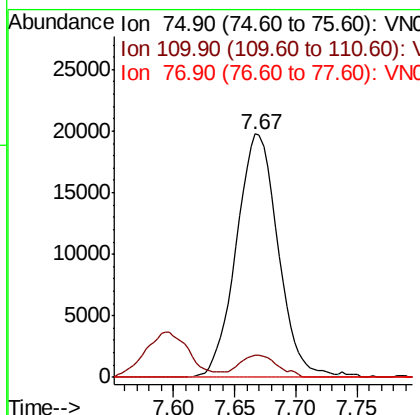
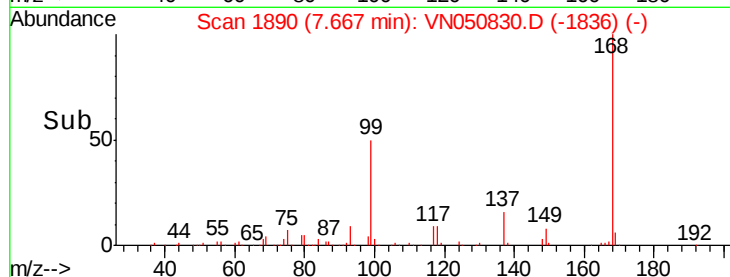
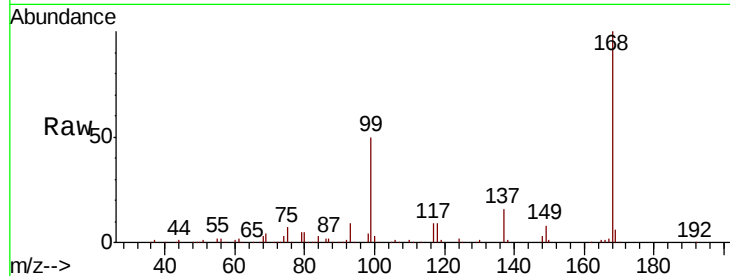




#36
 1,1-Dichloropropene
 Concen: 3.47 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050830.D
 Acq: 22 Aug 2018 19:34

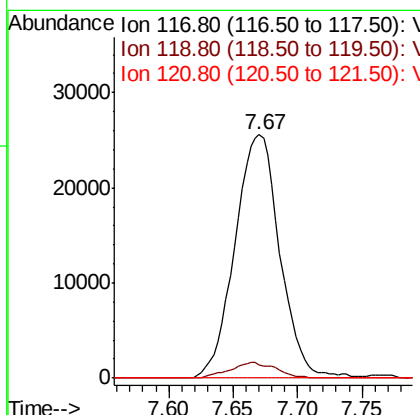
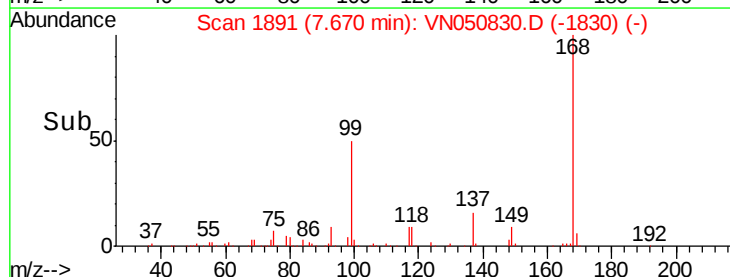
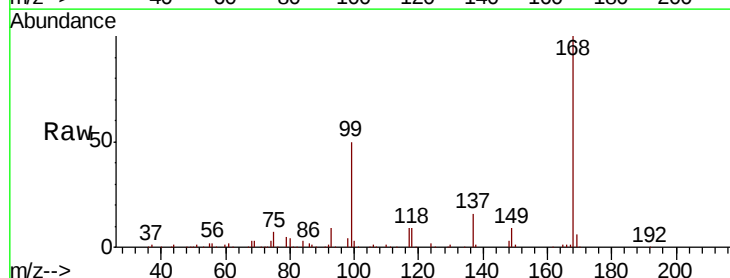
Instrument :
 MSVOA_N
 ClientSampled :
 TR-04-082118

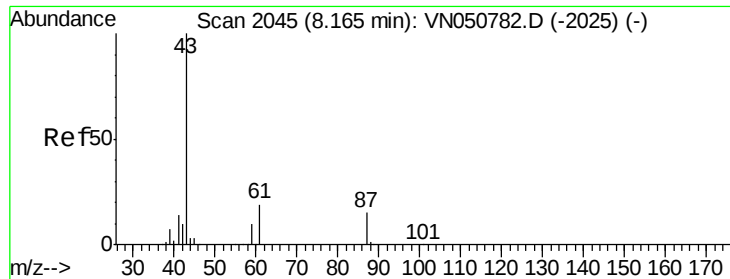
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.4#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 4.52 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.10 min
 Lab File: VN050830.D
 Acq: 22 Aug 2018 19:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	76.3	114.5#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 26.56 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050830.D

Acq: 22 Aug 2018 19:34

Instrument :

MSVOA_N

ClientSampled :

TR-04-082118

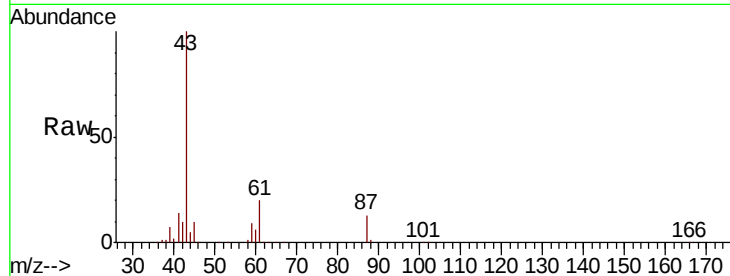
Tot Ion: 43 Resp: 354713

Ion Ratio Lower Upper

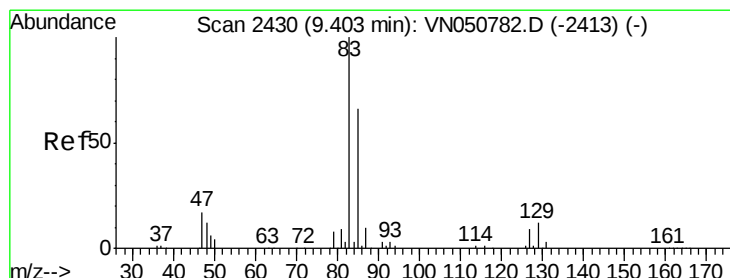
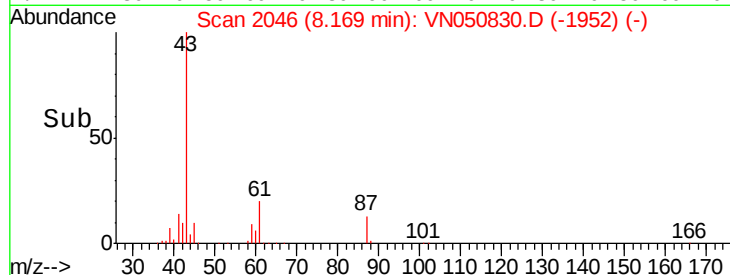
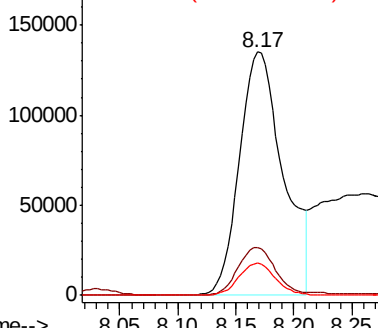
43 100

61 16.9 17.5 26.3#

87 11.1 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#47

Bromodichloromethane

Concen: 0.20 ug/l

RT: 9.40 min Scan# 2429

Delta R.T. -0.00 min

Lab File: VN050830.D

Acq: 22 Aug 2018 19:34

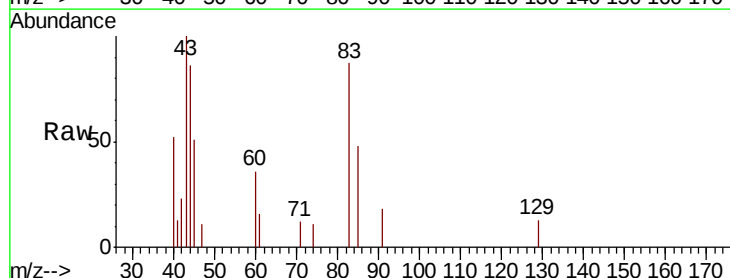
Tgt Ion: 83 Resp: 2651

Ion Ratio Lower Upper

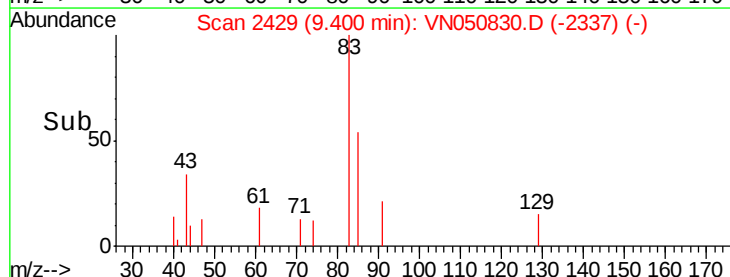
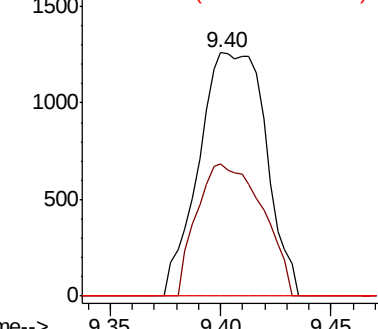
83 100

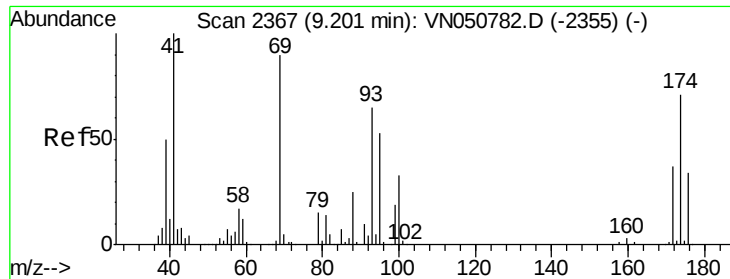
85 54.3 52.6 78.8

127 0.0 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): V

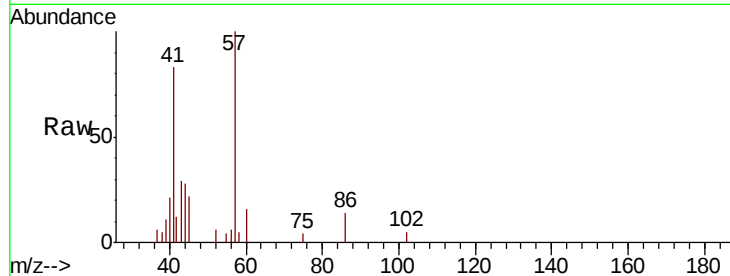




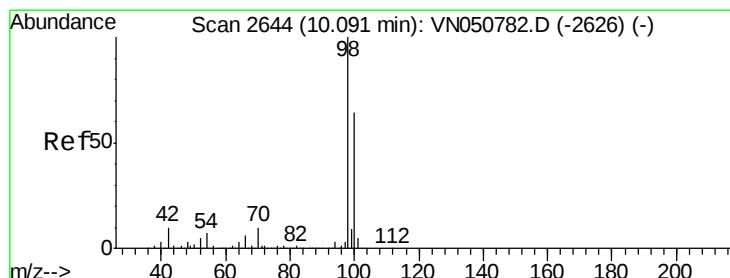
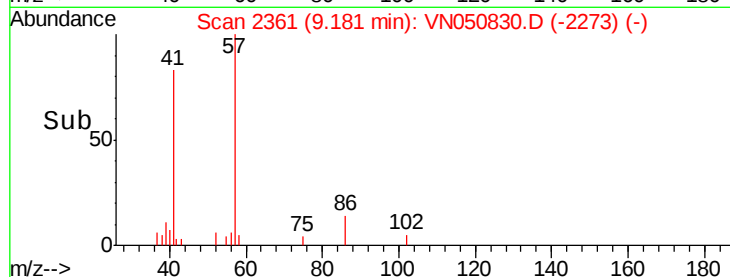
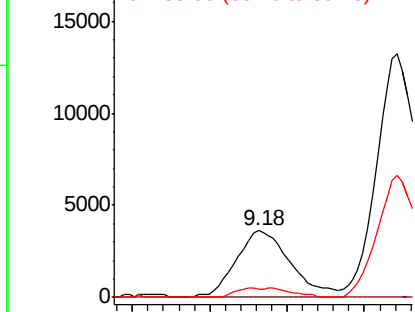
#48
Methvl methacrylate
Concen: 1.31 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050830.D
Acq: 22 Aug 2018 19:34

Instrument :
MSVOA_N
ClientSampleId :
TR-04-082118

Tot Ion: 41 Resp: 8889
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 6.9 42.2 63.2#

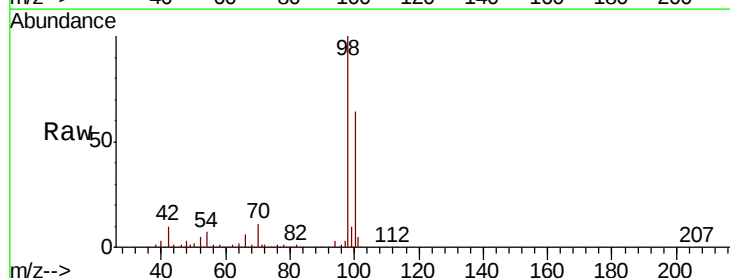


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

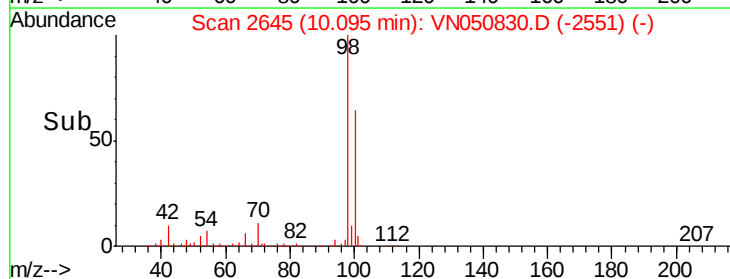
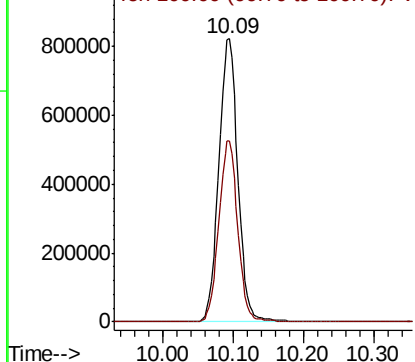


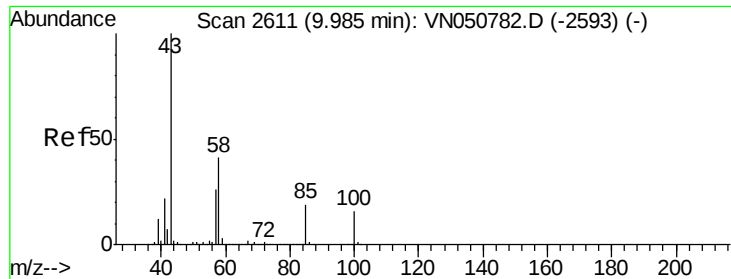
#50
Toluene-d8
Concen: 45.36 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050830.D
Acq: 22 Aug 2018 19:34

Tgt Ion: 98 Resp: 1545672
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

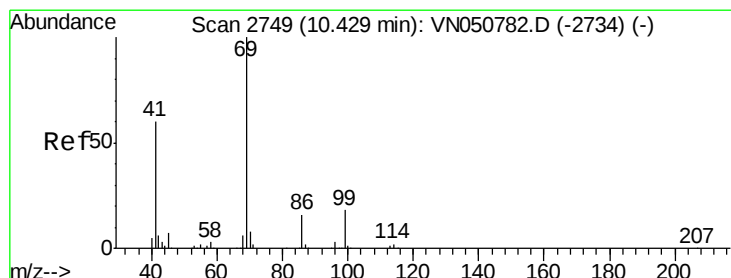
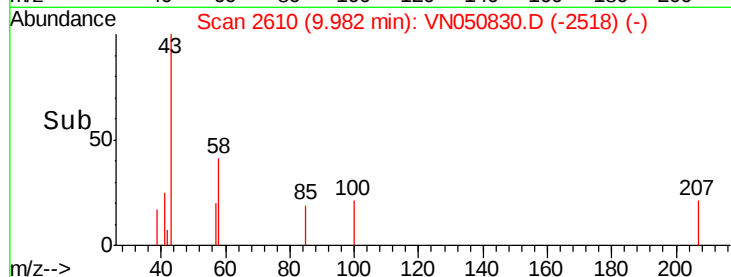
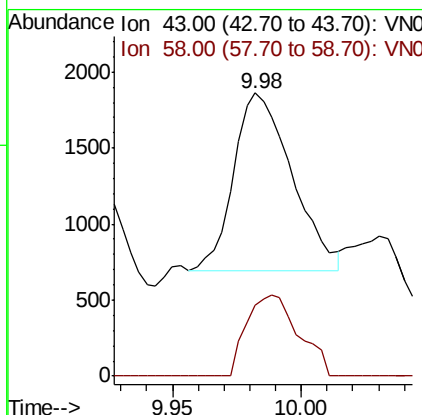
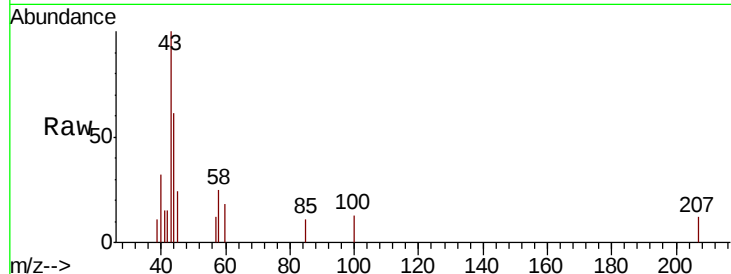




#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 9.98 min Scan# 2610
Delta R.T. -0.00 min
Lab File: VN050830.D
Acq: 22 Aug 2018 19:34

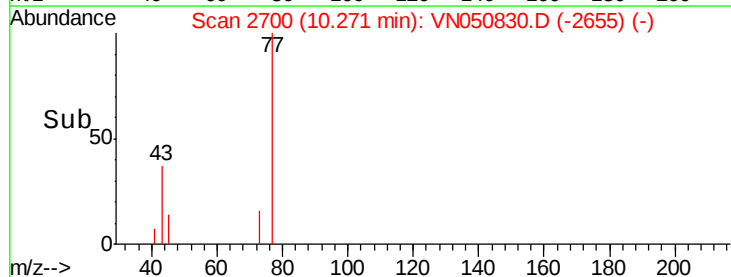
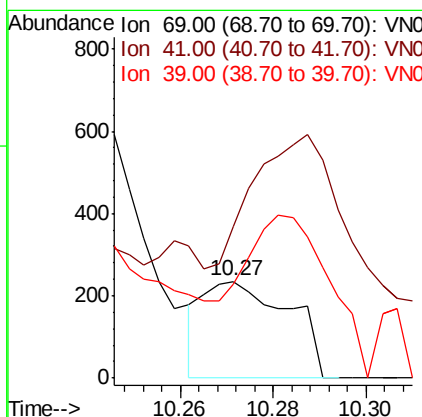
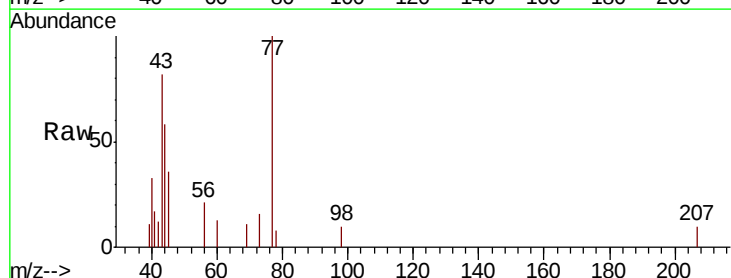
Instrument :
MSVOA_N
ClientSampleId :
TR-04-082118

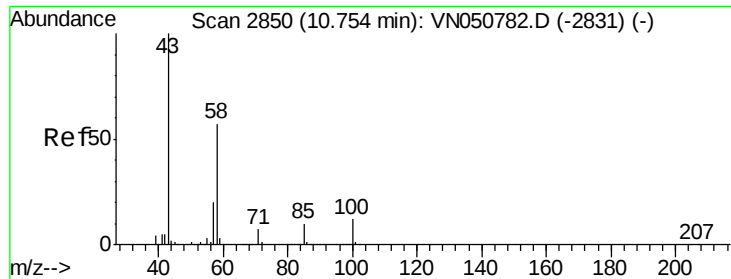
Tot Ion: 43 Resp: 1839
Ion Ratio Lower Upper
43 100
58 40.8 32.4 48.6



#56
Ethyl methacrylate
Concen: 2.37 ug/l
RT: 10.27 min Scan# 2700
Delta R.T. -0.16 min
Lab File: VN050830.D
Acq: 22 Aug 2018 19:34

Tgt Ion: 69 Resp: 302
Ion Ratio Lower Upper
69 100
41 203.3 48.3 72.5#
39 168.5 24.0 36.0#





#59

2-Hexanone

Concen: 3.42 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050830.D

Acq: 22 Aug 2018 19:34

Instrument :

MSVOA_N

ClientSampled :

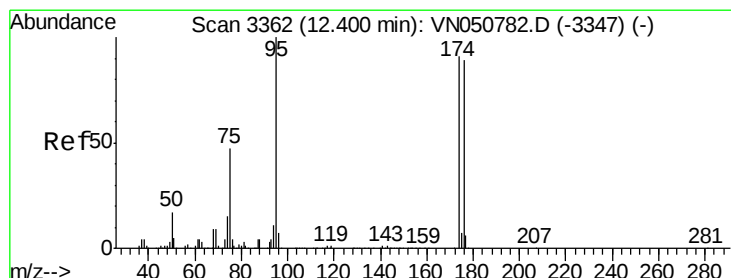
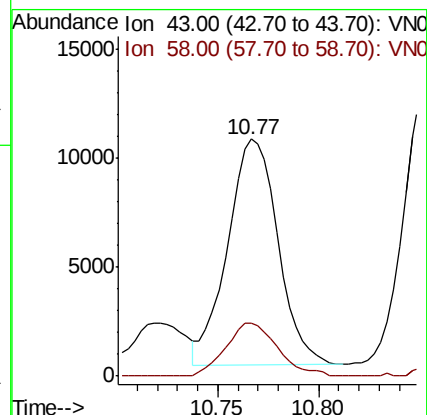
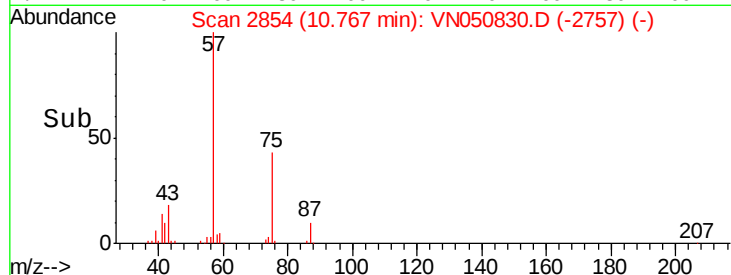
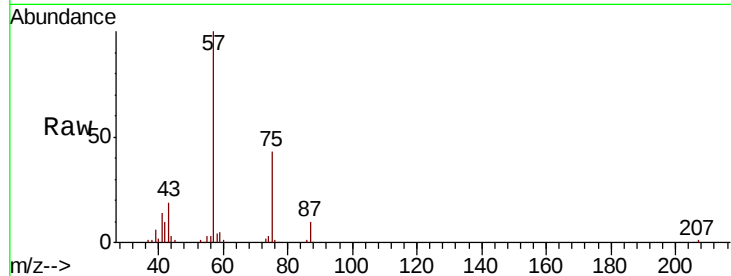
TR-04-082118

Tot Ion: 43 Resp: 18141

Ion Ratio Lower Upper

43 100

58 24.0 28.3 85.0#



#62

4-Bromofluorobenzene

Concen: 37.99 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050830.D

Acq: 22 Aug 2018 19:34

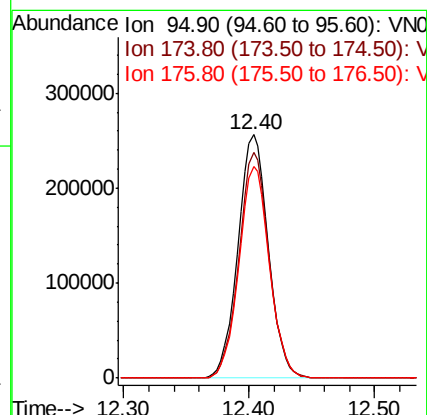
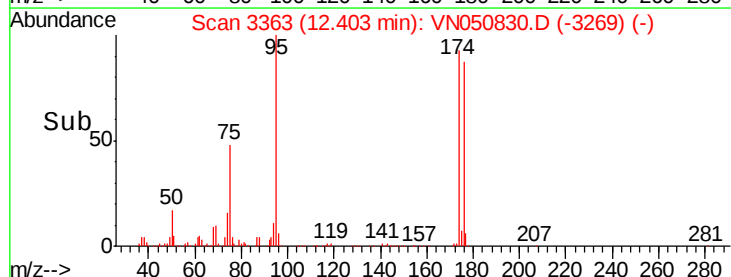
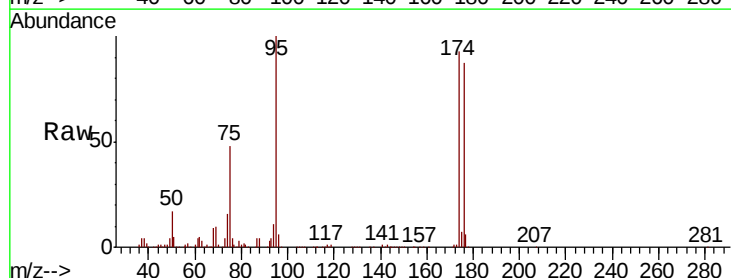
Tgt Ion: 95 Resp: 430163

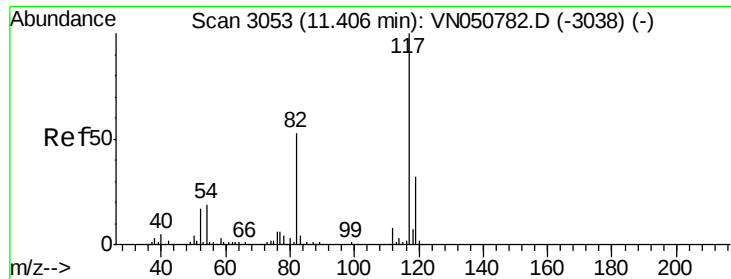
Ion Ratio Lower Upper

95 100

174 92.1 0.0 183.0

176 87.3 0.0 178.8

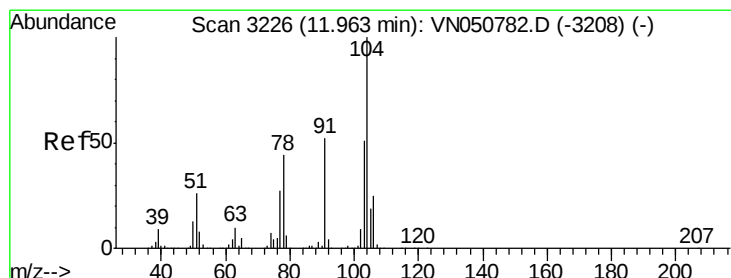
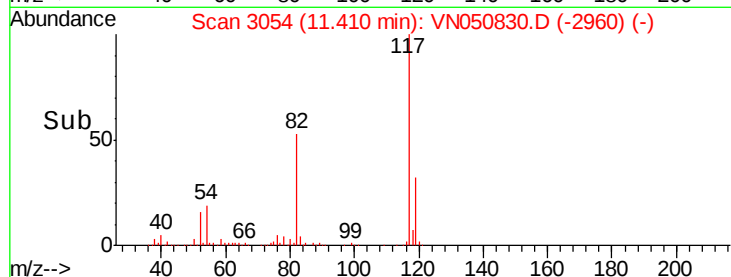
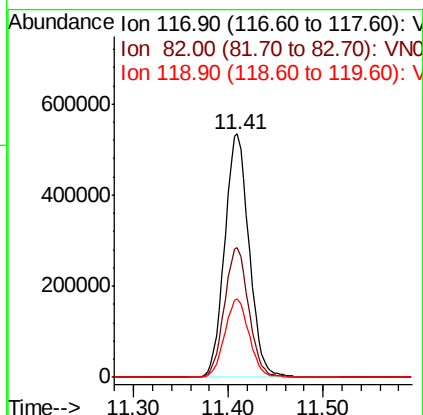
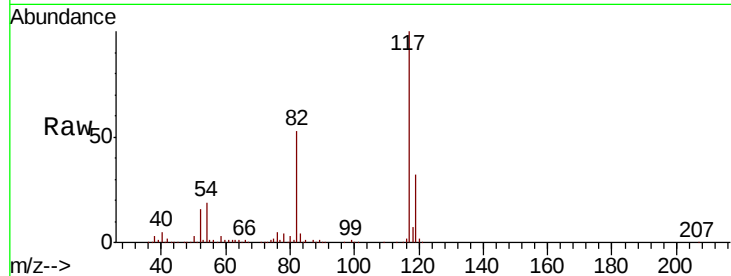




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050830.D
Acq: 22 Aug 2018 19:34

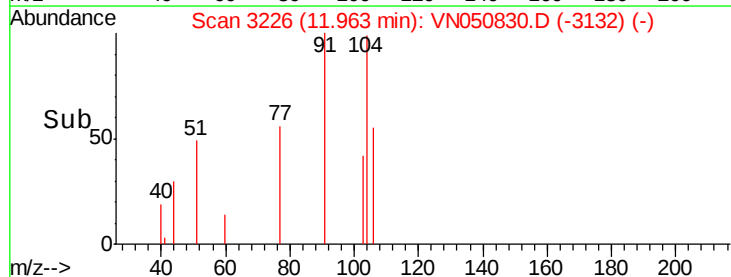
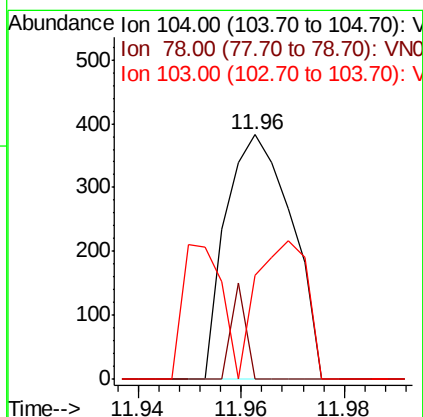
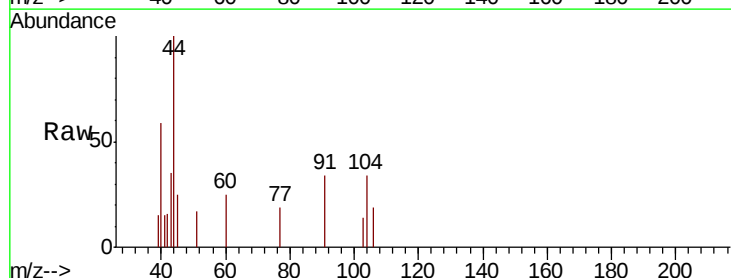
Instrument :
MSVOA_N
ClientSampleId :
TR-04-082118

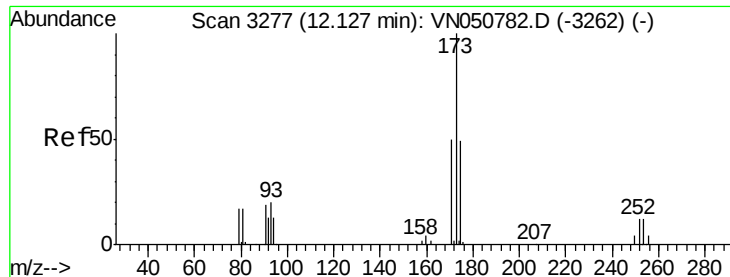
Tot Ion:117 Resp: 958515
Ion Ratio Lower Upper
117 100
82 53.1 42.6 64.0
119 32.1 25.8 38.6



#70
Styrene
Concen: 1.28 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050830.D
Acq: 22 Aug 2018 19:34

Tgt Ion:104 Resp: 336
Ion Ratio Lower Upper
104 100
78 8.6 38.2 57.4#
103 43.5 44.4 66.6#





#71

Bromoform

Concen: 0.45 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN050830.D

Acq: 22 Aug 2018 19:34

Instrument :

MSVOA_N

ClientSampleId :

TR-04-082118

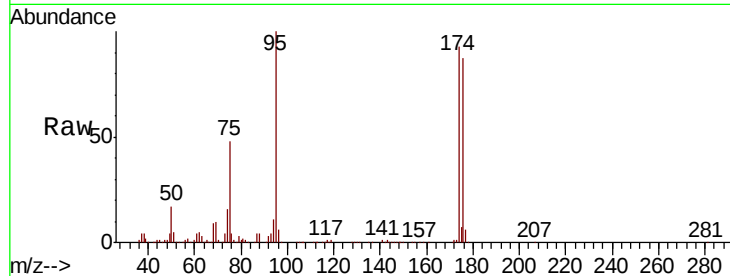
Tot Ion:173 Resp: 2822

Ion Ratio Lower Upper

173 100

175 820.3 24.4 73.4#

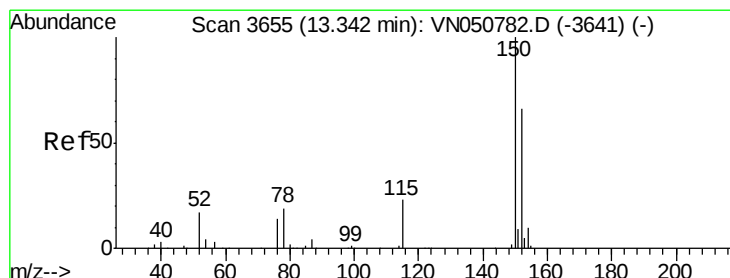
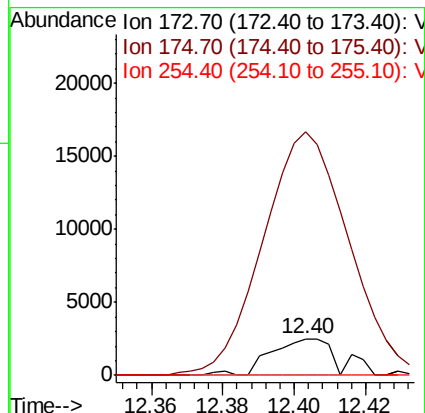
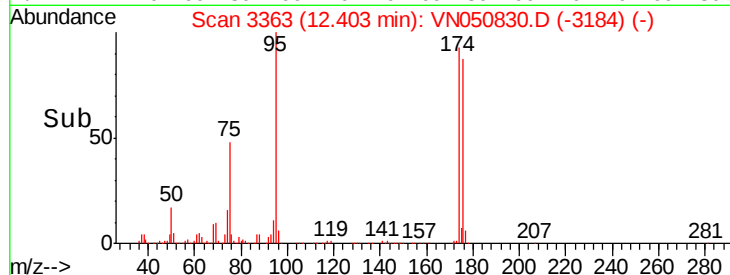
254 0.0 0.1 0.1#



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: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050830.D

Acq: 22 Aug 2018 19:34

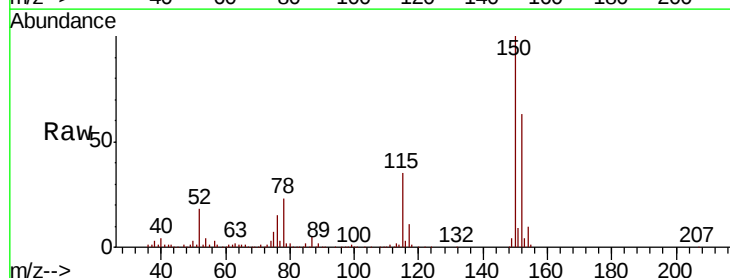
Tgt Ion:152 Resp: 356606

Ion Ratio Lower Upper

152 100

115 56.4 27.8 83.4

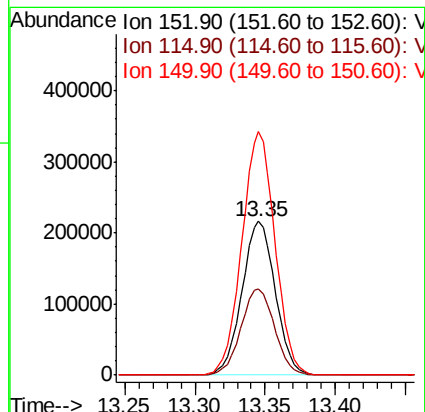
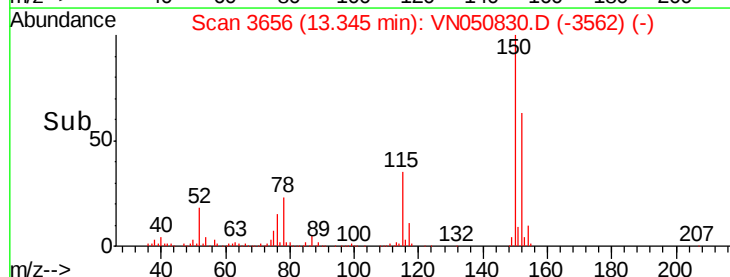
150 157.7 0.0 351.4

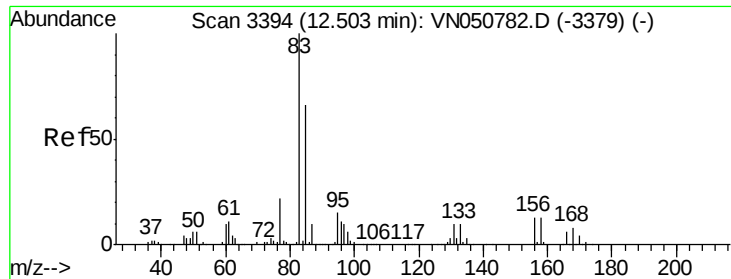


Abundance Ion 151.90 (151.60 to 152.60): V

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: 12.56 min Scan# 3411

Delta R.T. 0.06 min

Lab File: VN050830.D

Acq: 22 Aug 2018 19:34

Instrument :

MSVOA_N

ClientSampleId :

TR-04-082118

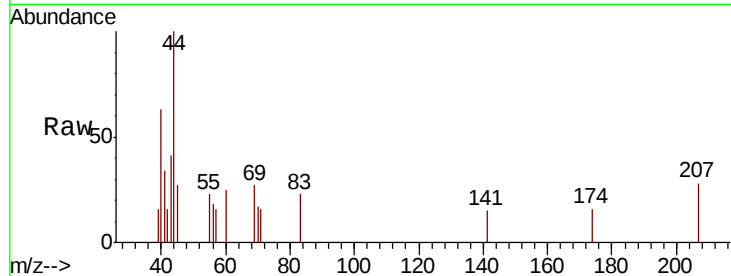
Tot Ion: 83 Resp: 163

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

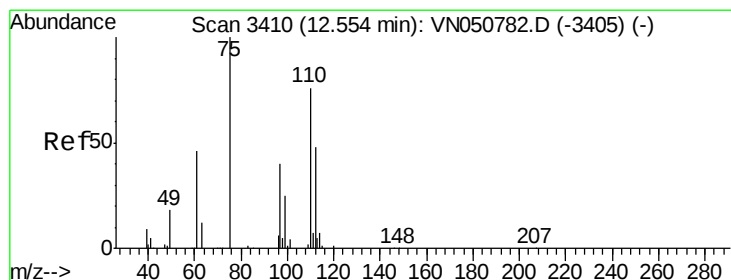
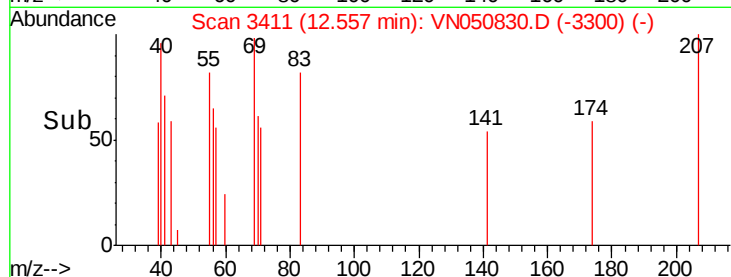
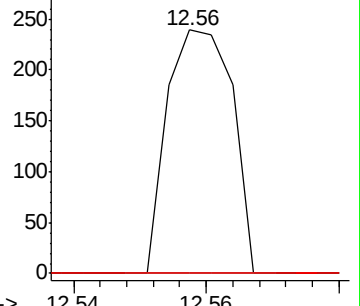
85 0.0 31.9 95.7#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 32.42 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050830.D

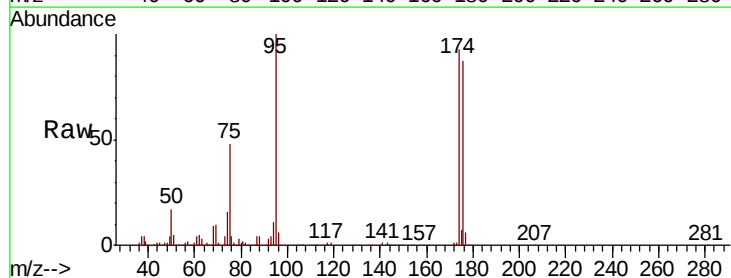
Acq: 22 Aug 2018 19:34

Tgt Ion: 75 Resp: 202518

Ion Ratio Lower Upper

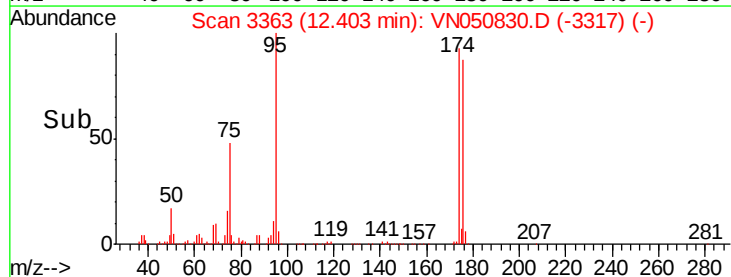
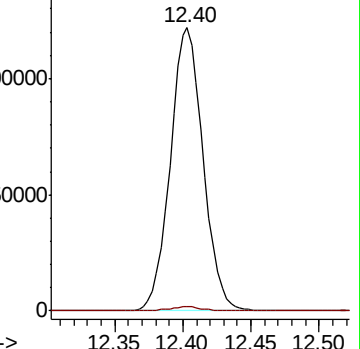
75 100

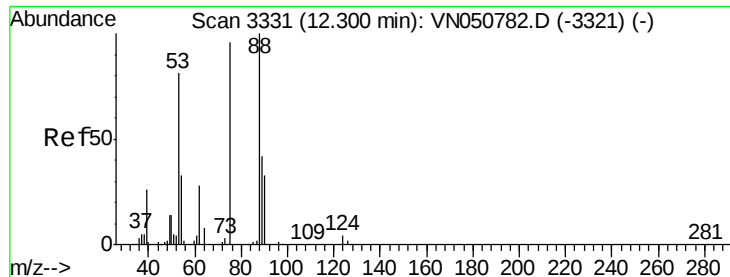
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#81

trans-1,4-Dichloro-2-butene

Concen: 109.61 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050830.D

Acq: 22 Aug 2018 19:34

Instrument :

MSVOA_N

ClientSampleId :

TR-04-082118

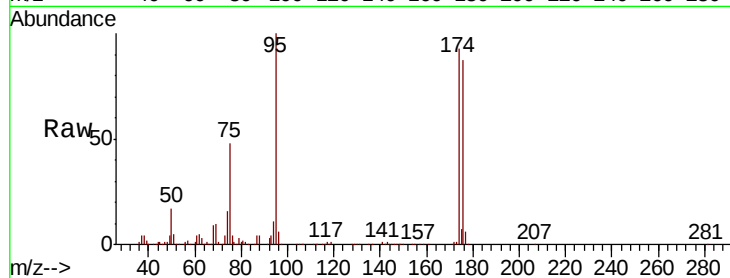
Tot Ion: 75 Resp: 202518

Ion Ratio Lower Upper

75 100

53 0.1 68.9 103.3#

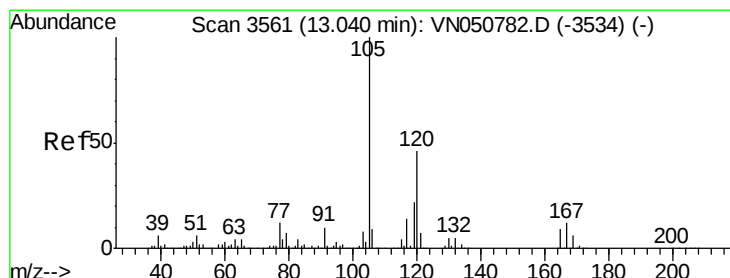
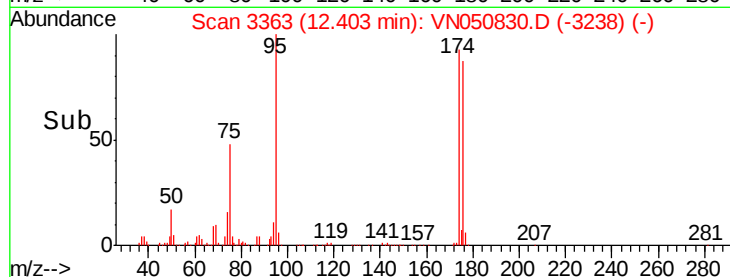
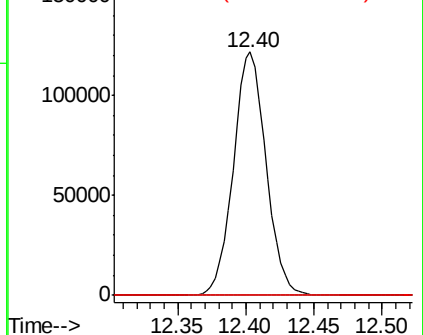
89 0.0 36.1 54.1#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.26 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050830.D

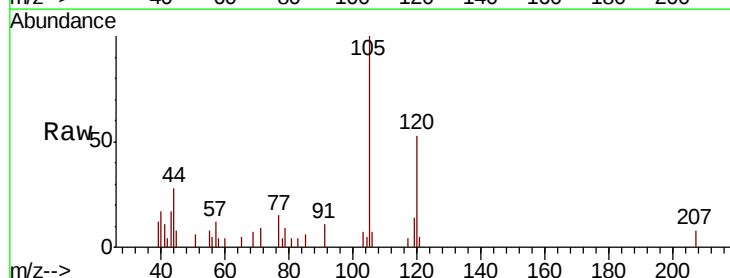
Acq: 22 Aug 2018 19:34

Tgt Ion: 105 Resp: 6288

Ion Ratio Lower Upper

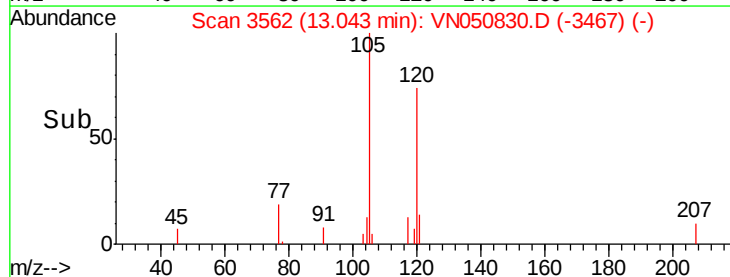
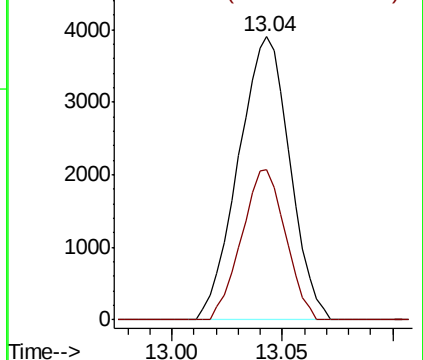
105 100

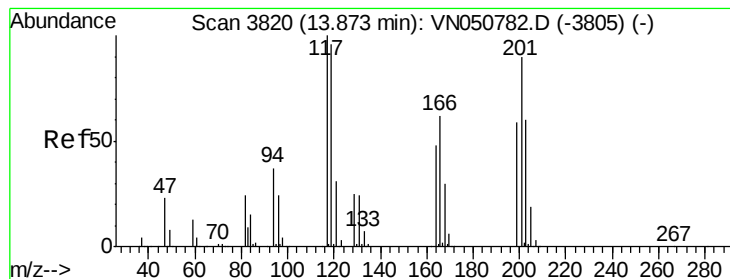
120 45.5 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: 0.23 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050830.D

Acq: 22 Aug 2018 19:34

Instrument :

MSVOA_N

ClientSampled :

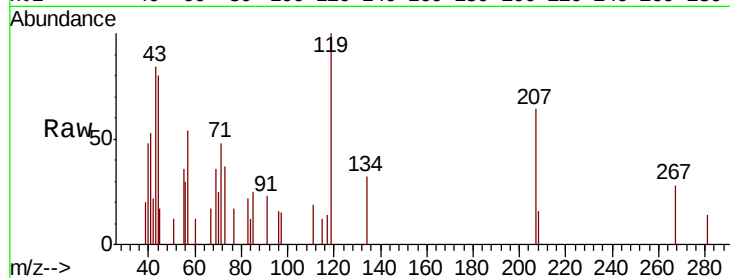
TR-04-082118

Tot Ion:117 Resp: 198

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

13.89

200

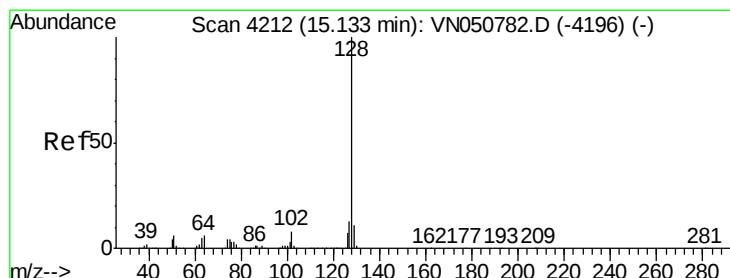
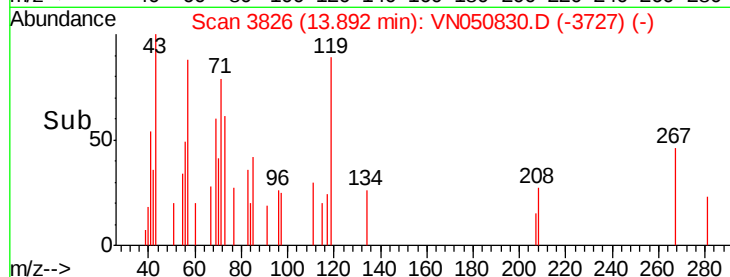
150

100

50

0

Time-->



#95

Naphthalene

Concen: 8.13 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050830.D

Acq: 22 Aug 2018 19:34

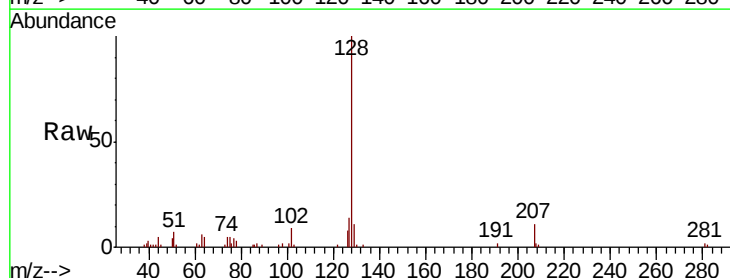
Tgt Ion:128 Resp: 43529

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.6 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

30000

25000

20000

15000

10000

5000

0

Time-->

