

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082818\
 Data File : VN050921.D
 Acq On : 28 Aug 2018 18:38
 Operator : MD\SY
 Sample : PB112421TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112421TB

Quant Time: Aug 29 03:53:53 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	613943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	968763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	854193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	281723	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	393319	53.22	ug/l	0.00
Spiked Amount			Recovery	=	106.44%	
35) Dibromofluoromethane	7.59	113	373917	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
50) Toluene-d8	10.09	98	1348184	46.79	ug/l	0.00
Spiked Amount			Recovery	=	93.58%	
62) 4-Bromofluorobenzene	12.40	95	371896	38.84	ug/l	0.00
Spiked Amount			Recovery	=	77.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2806	0.28	ug/l	98
5) Bromomethane	2.56	94	3274	Below	Cal	93
10) Methyl Iodide	3.95	142	887	6.46	ug/l #	64
13) Acrolein	3.62	56	109	18.28	ug/l #	14
15) Acrylonitrile	5.00	53	546	0.23	ug/l #	75
16) Acetone	3.82	43	16367	2.35	ug/l	93
17) Carbon Disulfide	4.05	76	6538	0.28	ug/l #	91
18) Methyl Acetate	4.34	43	9414	1.35	ug/l	91
20) Methylene Chloride	4.55	84	9970	1.20	ug/l	93
25) 2-Butanone	6.84	43	995	0.33	ug/l #	79
29) Tetrahydrofuran	7.23	42	1245	0.73	ug/l #	51
31) Cyclohexane	7.67	56	10691	1.31	ug/l #	1
38) Carbon Tetrachloride	7.67	117	53949	4.67	ug/l #	17
43) Isopropyl Acetate	8.17	43	272124	24.10	ug/l	98
48) Methyl methacrylate	9.18	41	8702	1.51	ug/l #	19
51) 4-Methyl-2-Pentanone	9.99	43	4287	0.64	ug/l #	83
56) Ethyl methacrylate	10.44	69	156	2.36	ug/l #	24
58) 2-Chloroethyl Vinyl ether	9.70	63	60	12.23	ug/l #	47
59) 2-Hexanone	10.77	43	21065	4.70	ug/l	63
70) Styrene	11.97	104	1774	1.34	ug/l #	83
74) N-amyl acetate	12.07	43	1884	0.32	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.50	83	588	Below	Cal #	74
76) 1,2,3-Trichloropropane	12.40	75	171998	34.86	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5661	0.30	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.40	75	171998	117.84	ug/l #	15
87) 1,3-Dichlorobenzene	13.29	146	2858	0.27	ug/l	93
88) 1,4-Dichlorobenzene	13.29	146	2858	0.27	ug/l	93
90) Hexachloroethane	13.62	117	61	0.20	ug/l #	4
91) 1,2-Dichlorobenzene	13.65	146	2759	0.27	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.27	75	363	0.43	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	3088	4.61	ug/l	91
94) Hexachlorobutadiene	15.01	225	1799	Below	Cal	89
95) Naphthalene	15.14	128	8155	6.05	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	3815	4.00	ug/l	96

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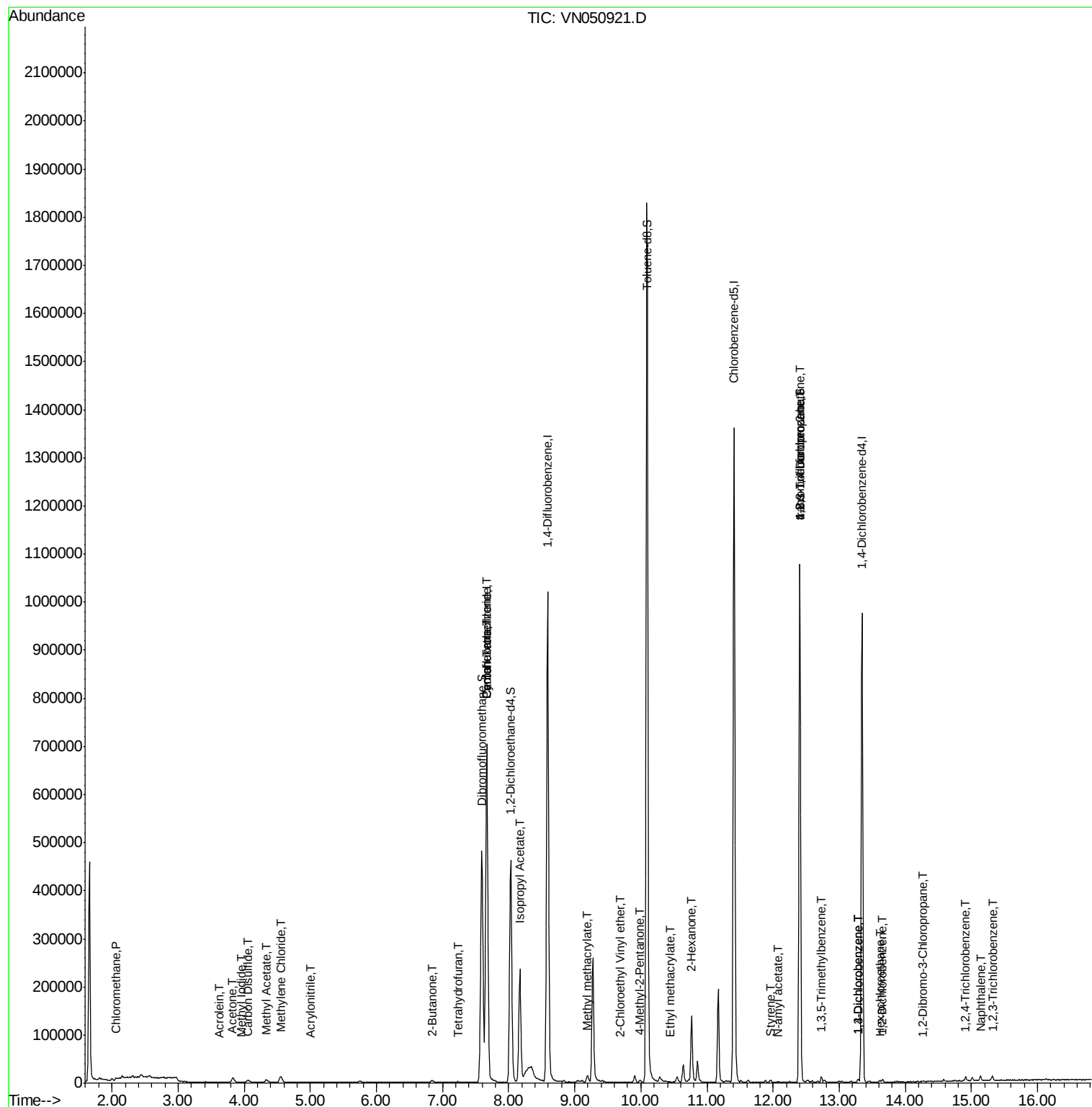
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

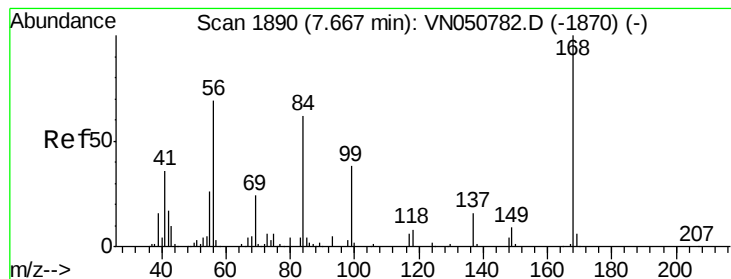
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050921.D

Acq: 28 Aug 2018 18:38

Instrument :

MSVOA_N

ClientSampled :

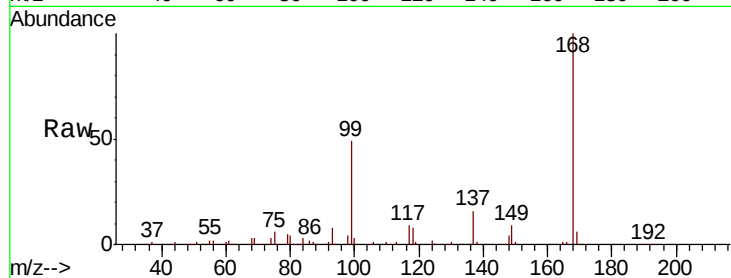
PB112421TB

Tot Ion:168 Resp: 613943

Ion Ratio Lower Upper

168 100

99 48.6 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

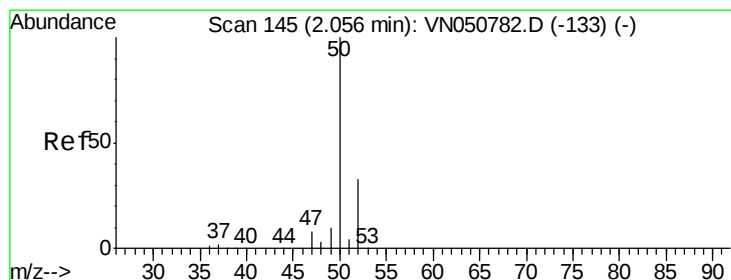
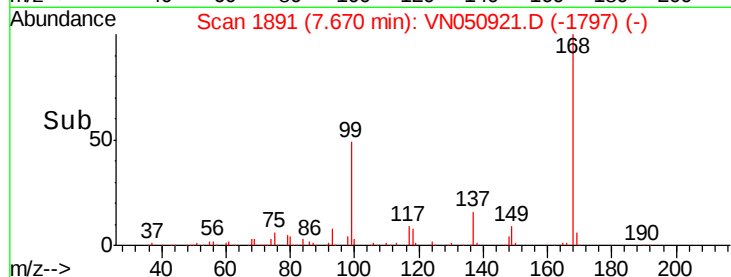
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.28 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050921.D

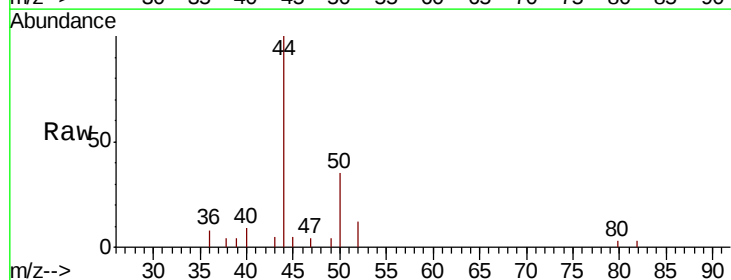
Acq: 28 Aug 2018 18:38

Tgt Ion: 50 Resp: 2806

Ion Ratio Lower Upper

50 100

52 33.8 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2000

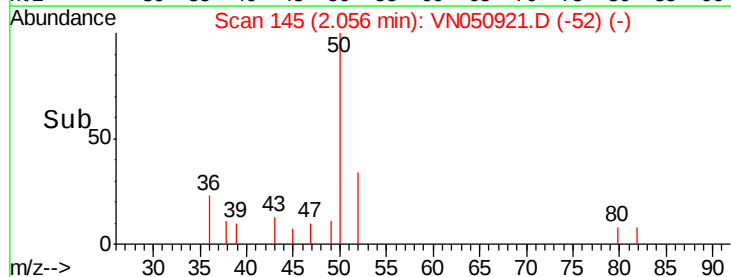
1500

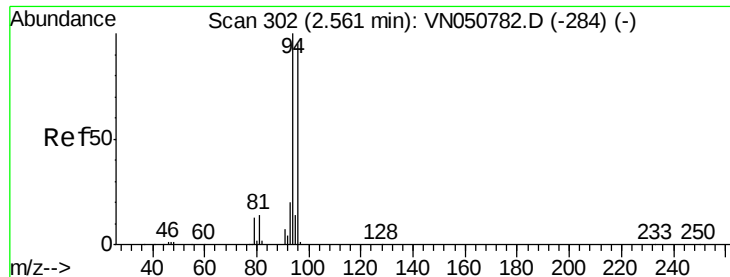
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

Instrument :

MSVOA_N

ClientSampleId :

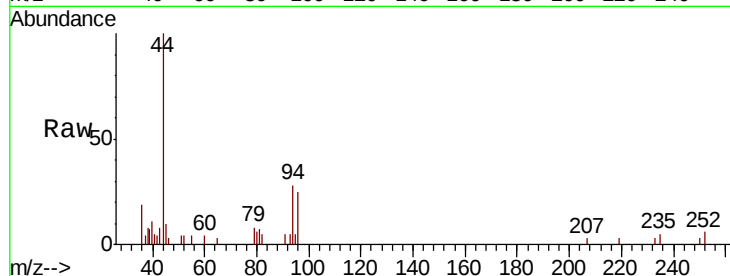
PB112421TB

Tot Ion: 94 Resp: 3274

Ion Ratio Lower Upper

94 100

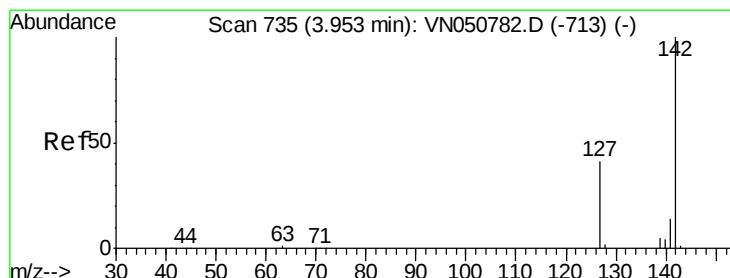
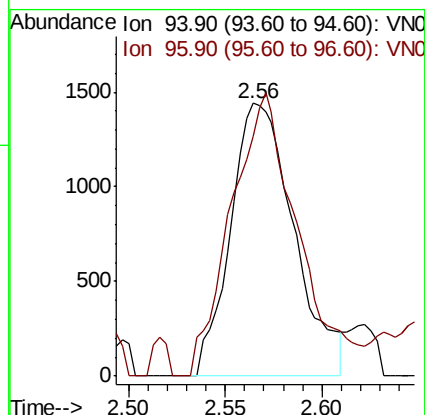
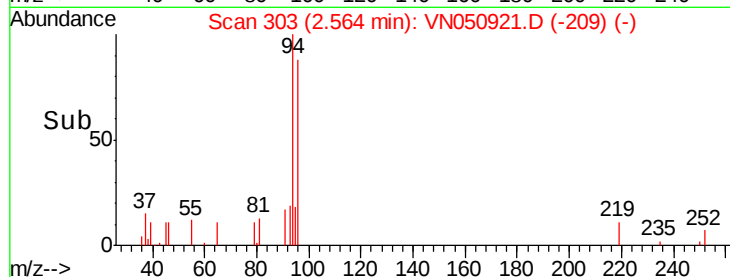
96 88.0 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN050921.D (-209) (-)

Ion 95.90 (95.60 to 96.60): VN050921.D (-209) (-)

Time-->



#10

Methyl Iodide

Concen: 6.46 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

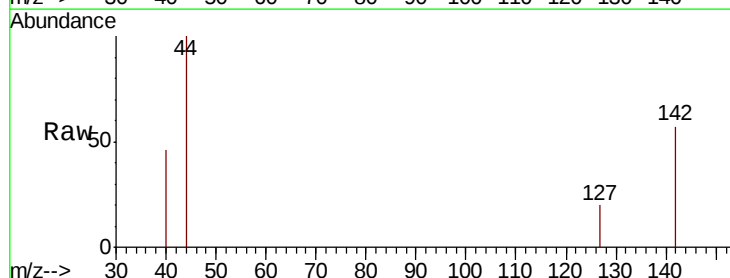
Tgt Ion: 142 Resp: 887

Ion Ratio Lower Upper

142 100

127 62.2 31.7 47.5#

141 0.0 11.4 17.0#

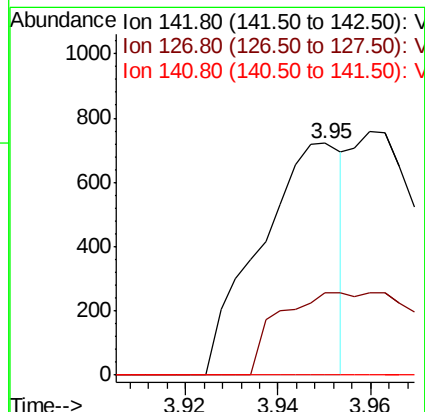
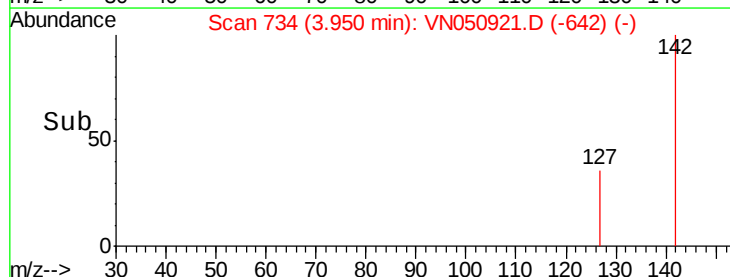


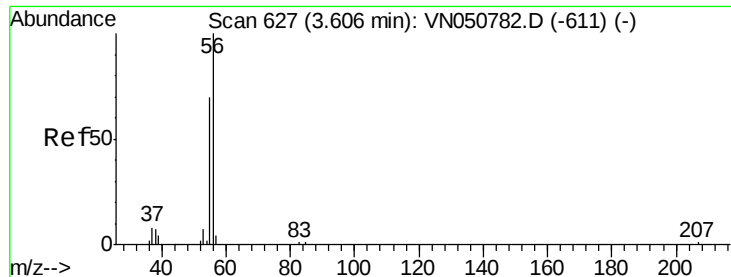
Abundance Ion 141.80 (141.50 to 142.50): VN050921.D (-642) (-)

Ion 126.80 (126.50 to 127.50): VN050921.D (-642) (-)

Ion 140.80 (140.50 to 141.50): VN050921.D (-642) (-)

Time-->





#13

Acrolein

Concen: 18.28 ug/l

RT: 3.62 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

Instrument :

MSVOA_N

ClientSampleId :

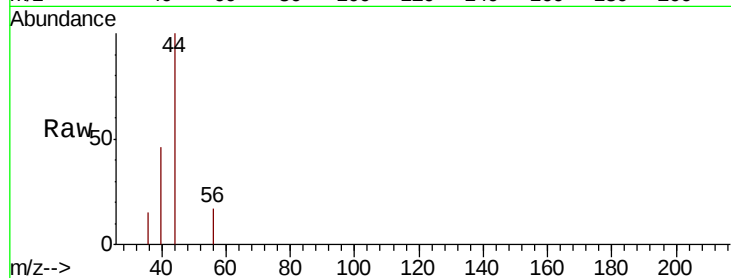
PB112421TB

Tot Ion: 56 Resp: 109

Ion Ratio Lower Upper

56 100

55 0.0 57.7 86.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.62

250

200

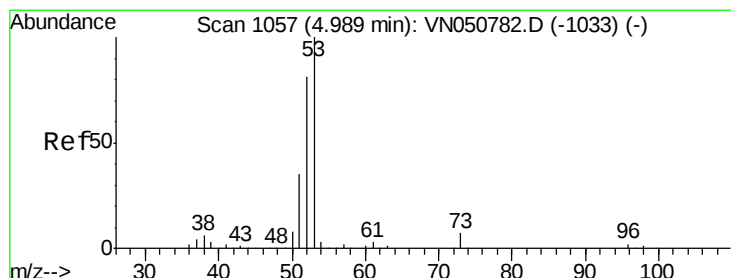
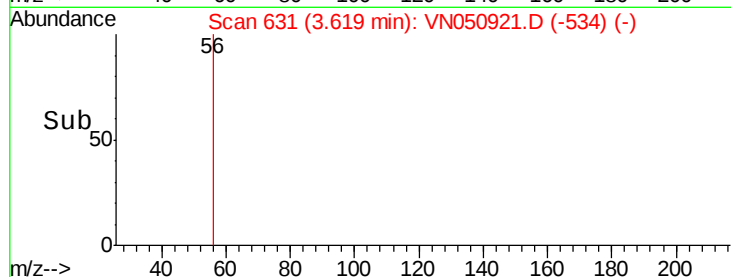
150

100

50

0

Time--> 3.60 3.61 3.62 3.63



#15

Acrylonitrile

Concen: 0.23 ug/l

RT: 5.00 min Scan# 1061

Delta R.T. 0.01 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

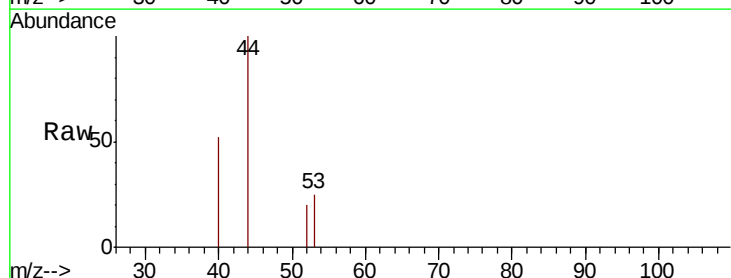
Tgt Ion: 53 Resp: 546

Ion Ratio Lower Upper

53 100

52 90.8 65.9 98.9

51 0.0 28.6 43.0#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

400

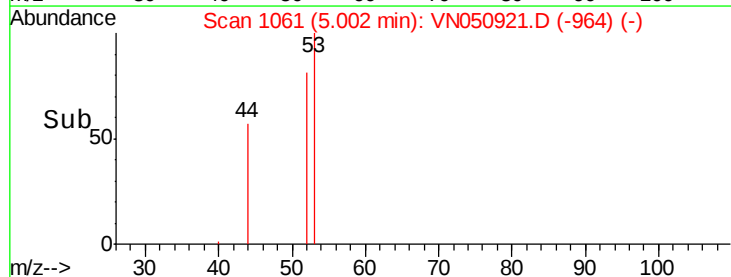
300

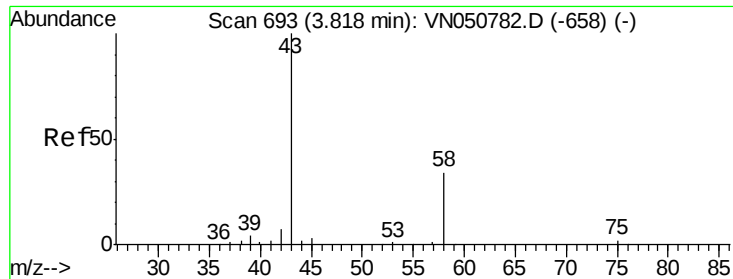
200

100

0

Time--> 4.98 5.00 5.02 5.04

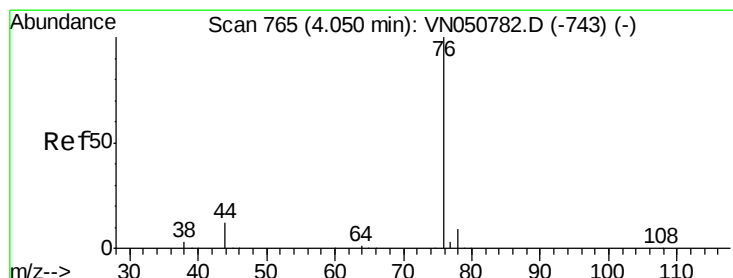
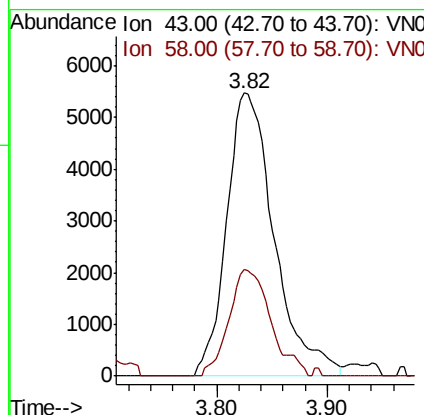
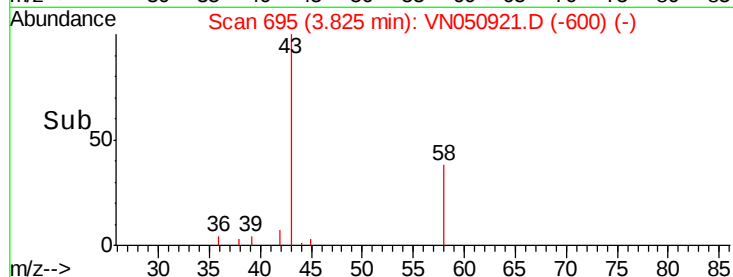
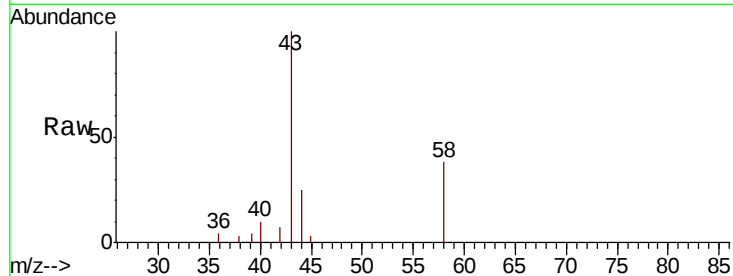




#16
Acetone
Concen: 2.35 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.01 min
Lab File: VN050921.D
Acq: 28 Aug 2018 18:38

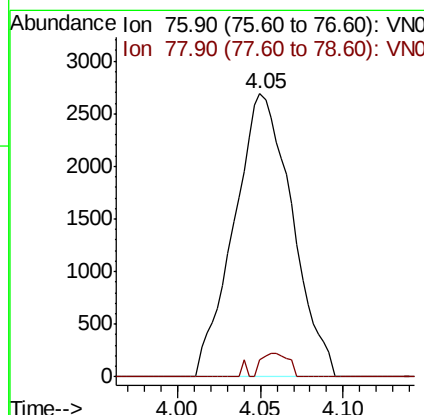
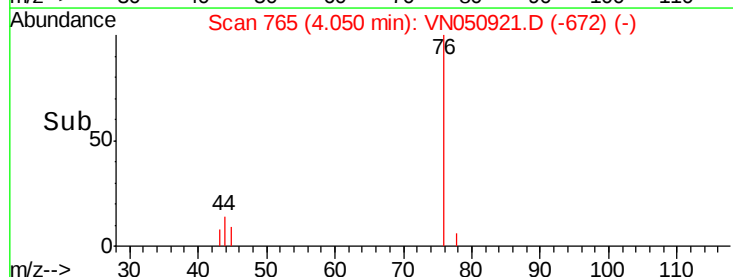
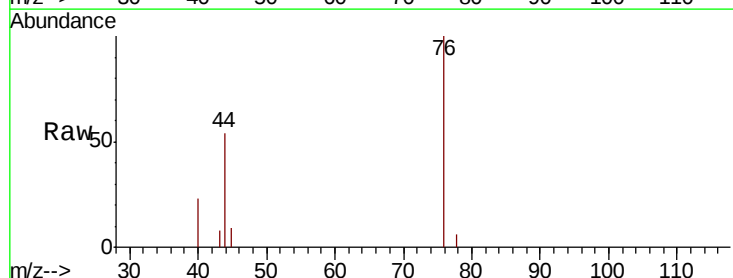
Instrument :
MSVOA_N
ClientSampled :
PB112421TB

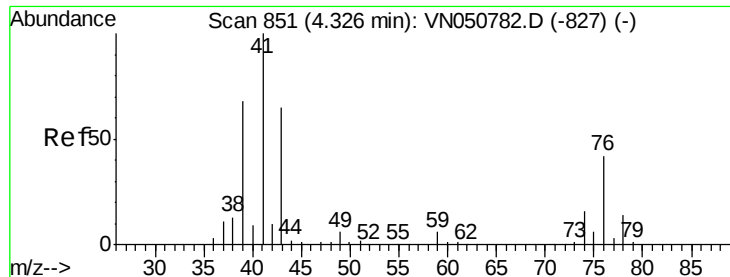
Tot Ion: 43 Resp: 16367
Ion Ratio Lower Upper
43 100
58 37.8 27.2 40.8



#17
Carbon Disulfide
Concen: 0.28 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN050921.D
Acq: 28 Aug 2018 18:38

Tgt Ion: 76 Resp: 6538
Ion Ratio Lower Upper
76 100
78 6.0 7.3 10.9#





#18

Methyl Acetate

Concen: 1.35 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

Instrument :

MSVOA_N

ClientSampleId :

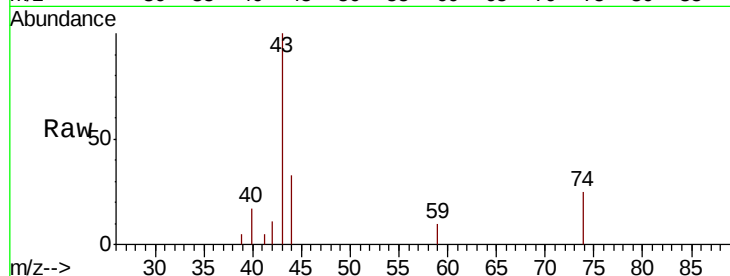
PB112421TB

Tot Ion: 43 Resp: 9414

Ion Ratio Lower Upper

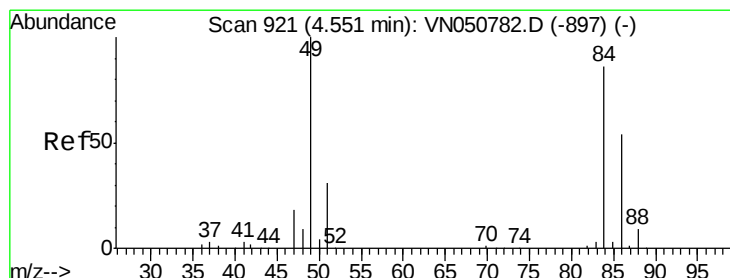
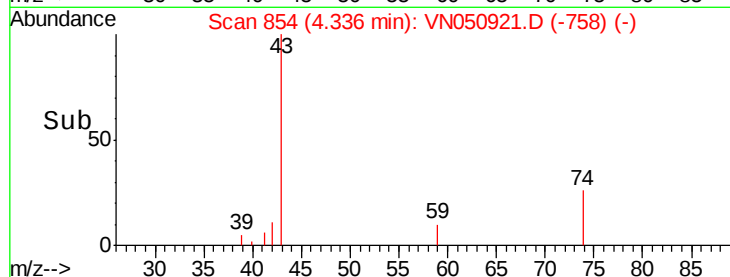
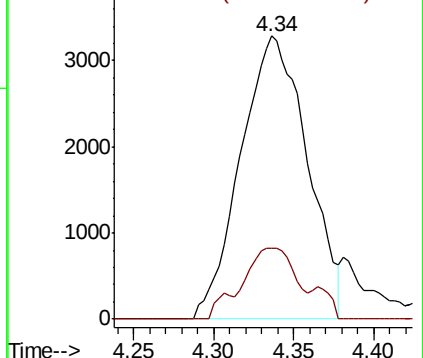
43 100

74 20.1 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN050921.D (-827) (-)

Ion 74.00 (73.70 to 74.70): VN050921.D (-827) (-)



#20

Methylene Chloride

Concen: 1.20 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

Tgt Ion: 84 Resp: 9970

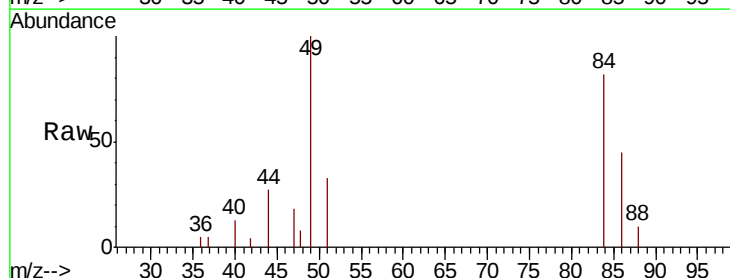
Ion Ratio Lower Upper

84 100

49 121.6 93.2 139.8

51 40.6 29.0 43.6

86 54.8 49.8 74.8

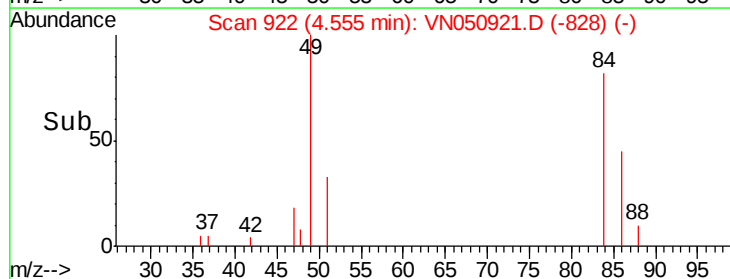
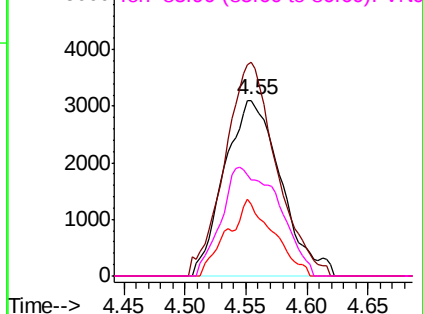


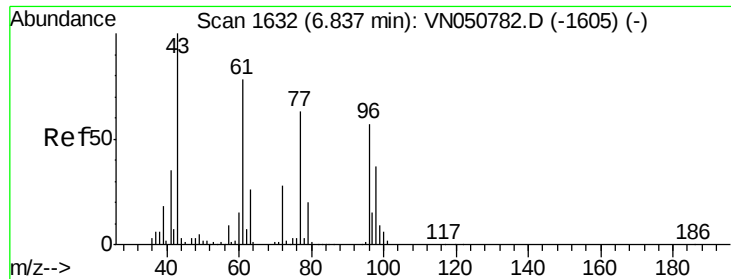
Abundance Ion 83.90 (83.60 to 84.60): VN050921.D (-897) (-)

Ion 48.90 (48.60 to 49.60): VN050921.D (-897) (-)

Ion 50.90 (50.60 to 51.60): VN050921.D (-897) (-)

Ion 85.90 (85.60 to 86.60): VN050921.D (-897) (-)

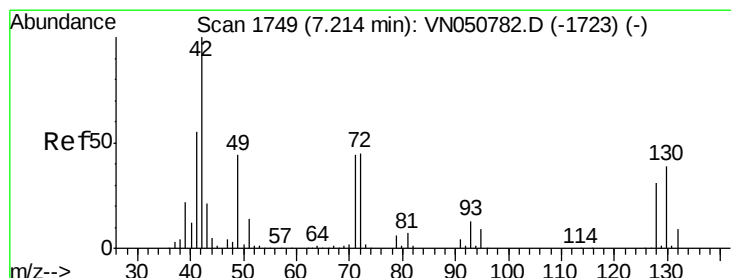
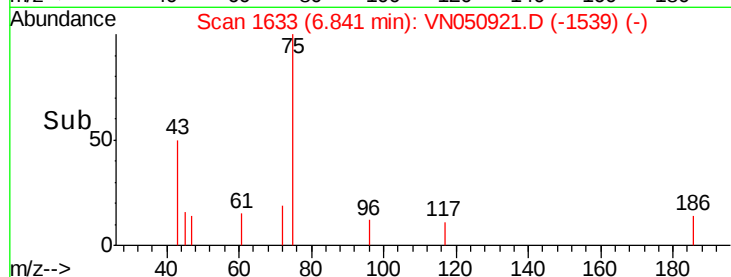
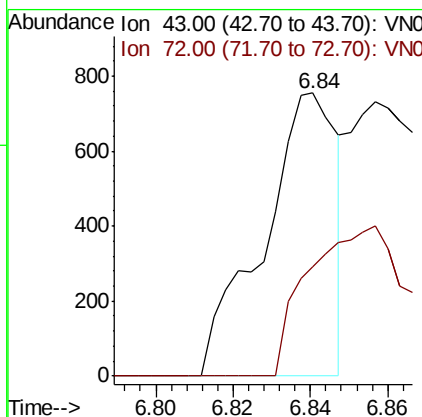
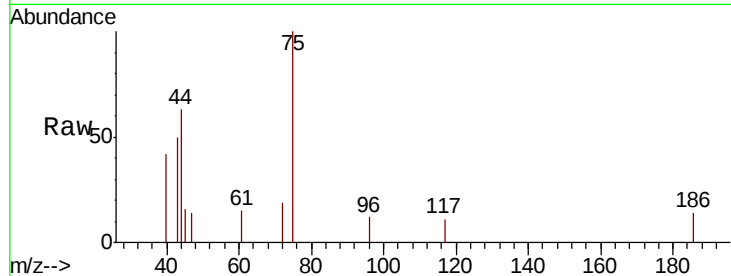




#25
 2-Butanone
 Concen: 0.33 ug/l
 RT: 6.84 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: VN050921.D
 Acq: 28 Aug 2018 18:38

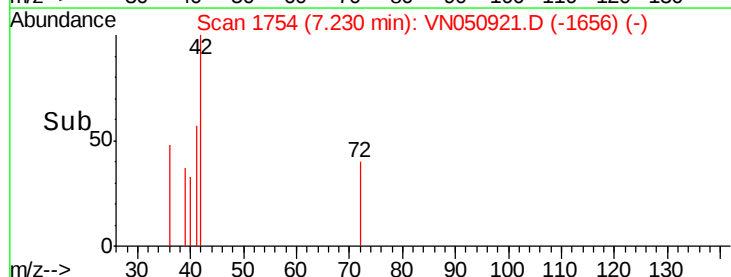
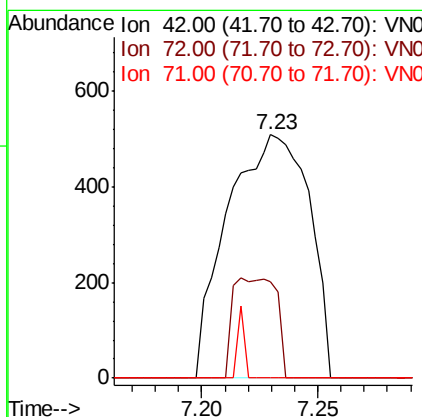
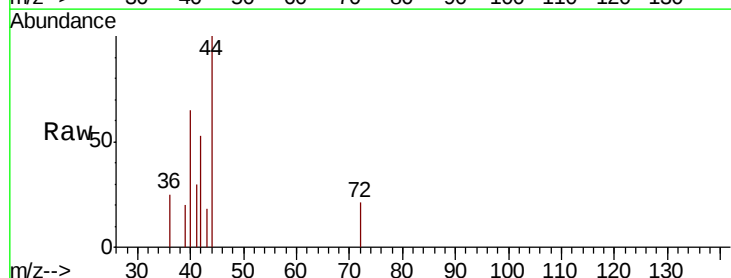
Instrument :
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 PB112421TB

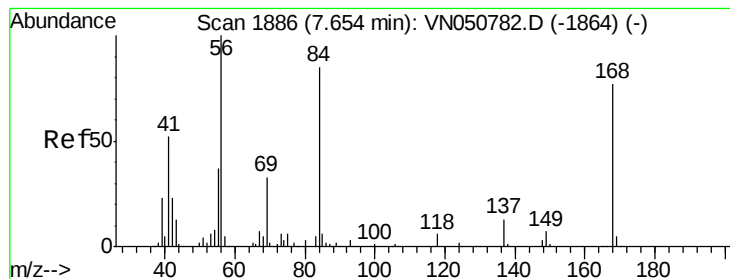
Tot Ion: 43 Resp: 995
 Ion Ratio Lower Upper
 43 100
 72 38.7 22.3 33.5#



#29
 Tetrahydrofuran
 Concen: 0.73 ug/l
 RT: 7.23 min Scan# 1754
 Delta R.T. 0.02 min
 Lab File: VN050921.D
 Acq: 28 Aug 2018 18:38

Tgt Ion: 42 Resp: 1245
 Ion Ratio Lower Upper
 42 100
 72 21.7 35.5 53.3#
 71 2.3 33.7 50.5#





#31

Cyclohexane

Concen: 1.31 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

Instrument :

MSVOA_N

ClientSampleId :

PB112421TB

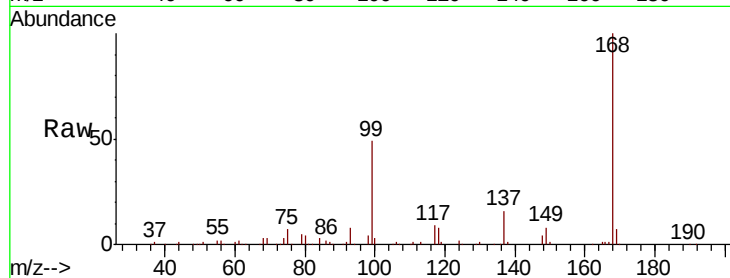
Tot Ion: 56 Resp: 10691

Ion Ratio Lower Upper

56 100

69 197.4 26.2 39.4#

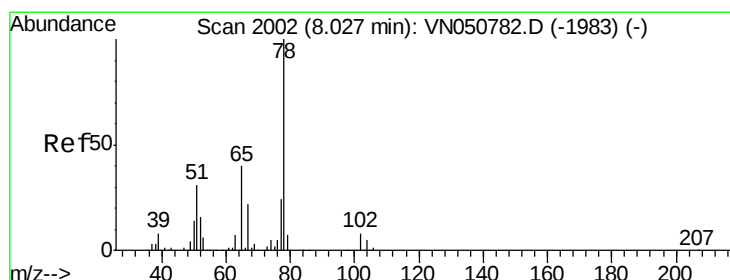
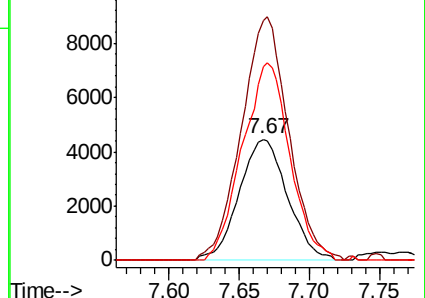
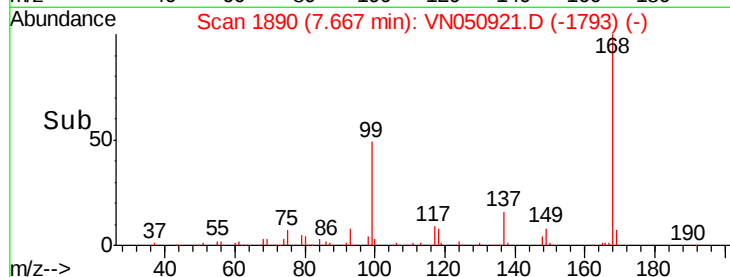
84 159.1 68.3 102.5#



Abundance Ion 56.00 (55.70 to 56.70): VN050921.D (-1793) (-)

Ion 69.00 (68.70 to 69.70): VN050921.D (-1793) (-)

Ion 84.00 (83.70 to 84.70): VN050921.D (-1793) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.22 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050921.D

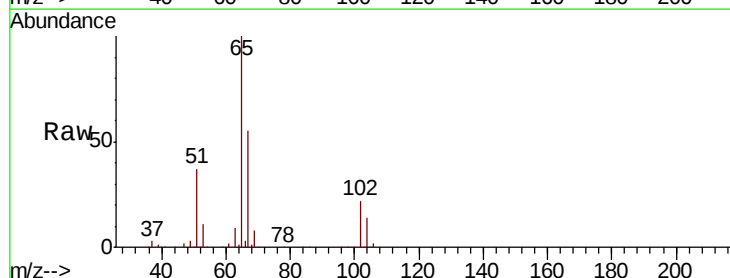
Acq: 28 Aug 2018 18:38

Tgt Ion: 65 Resp: 393319

Ion Ratio Lower Upper

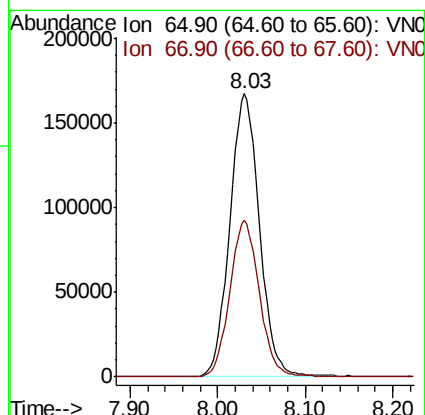
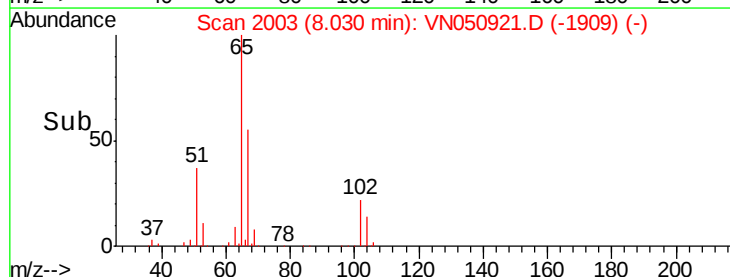
65 100

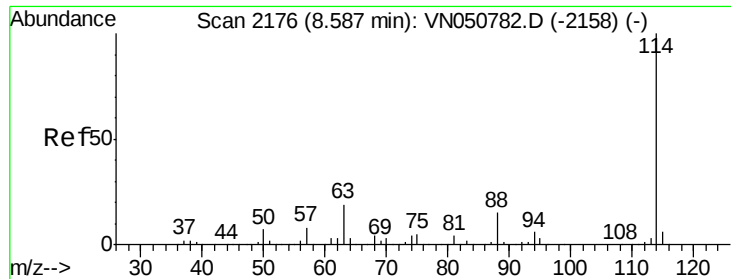
67 55.3 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN050921.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN050921.D (-1909) (-)

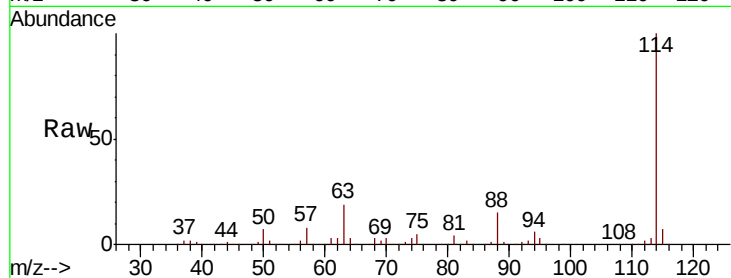




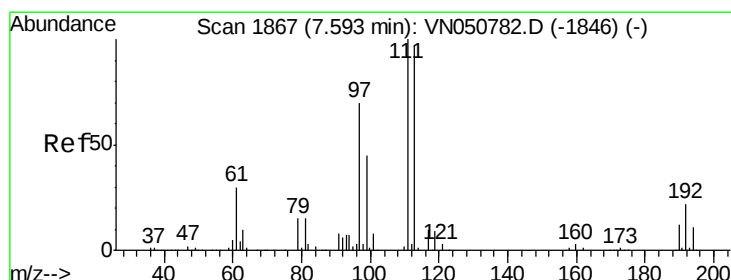
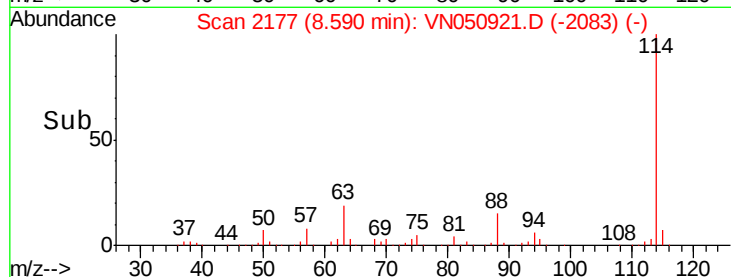
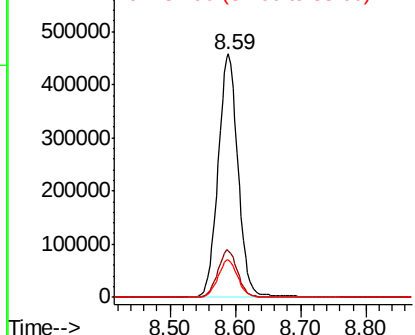
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050921.D
 Acq: 28 Aug 2018 18:38

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112421TB

Tot Ion:114 Resp: 968763
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.4 0.0 30.6

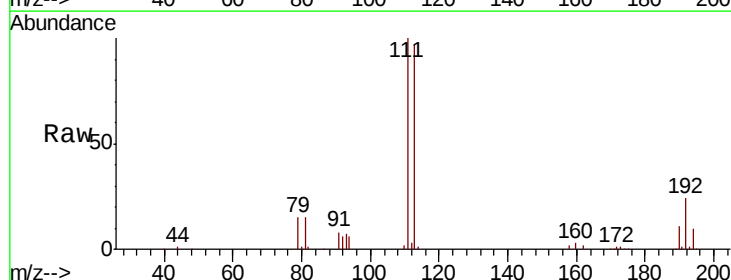


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

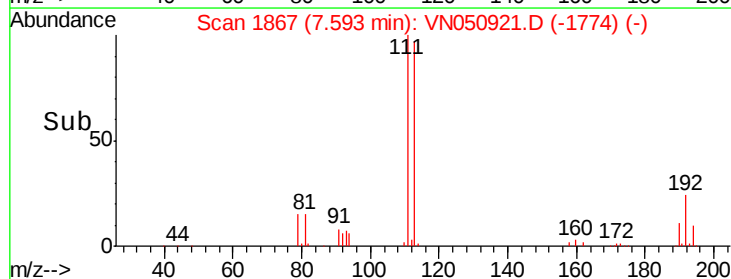
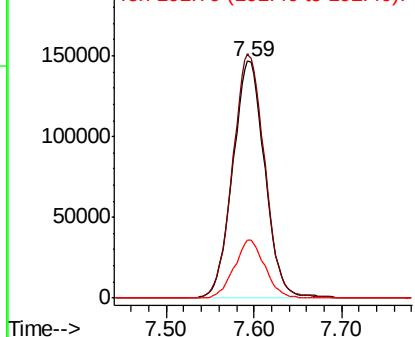


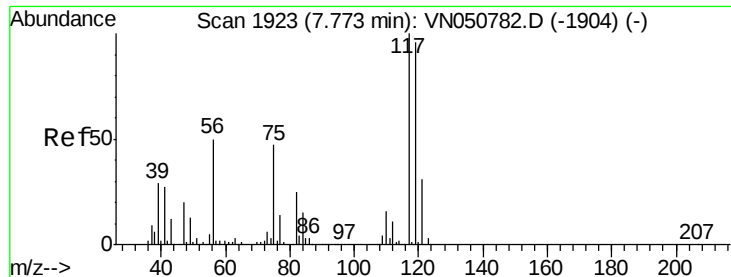
#35
 Dibromofluoromethane
 Concen: 48.52 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050921.D
 Acq: 28 Aug 2018 18:38

Tgt Ion:113 Resp: 373917
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.6 123.8
 192 23.3 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





#38

Carbon Tetrachloride

Concen: 4.67 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

Instrument :

MSVOA_N

ClientSampled :

PB112421TB

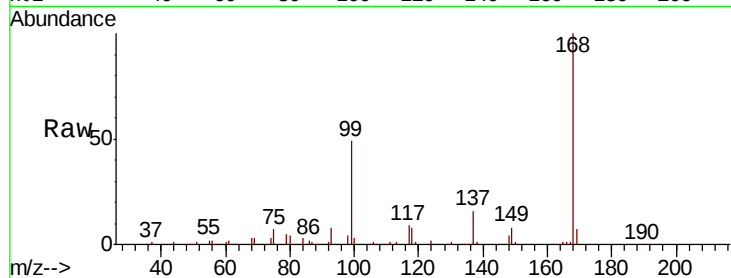
Tot Ion:117 Resp: 53949

Ion Ratio Lower Upper

117 100

119 6.3 76.3 114.5#

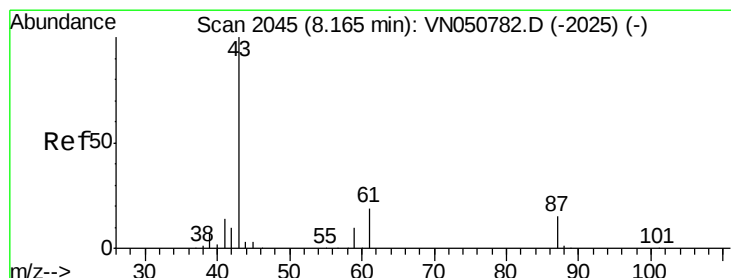
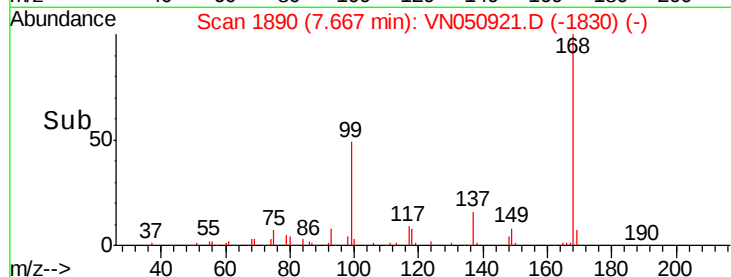
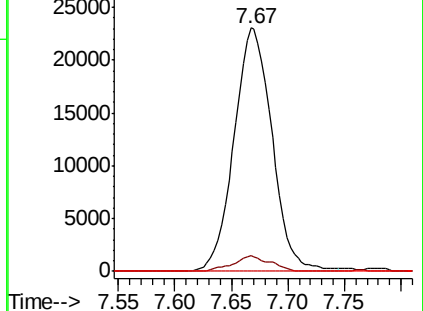
121 0.0 24.6 36.8#



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



#43

Isopropyl Acetate

Concen: 24.10 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

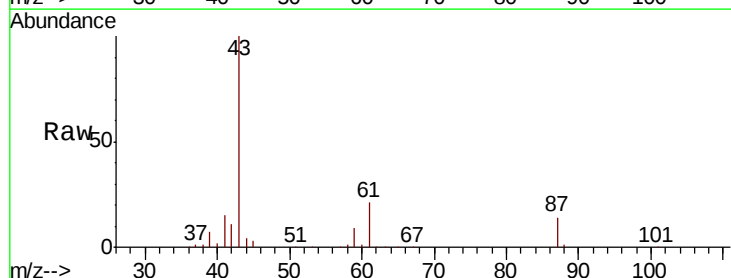
Tgt Ion: 43 Resp: 272124

Ion Ratio Lower Upper

43 100

61 21.2 17.5 26.3

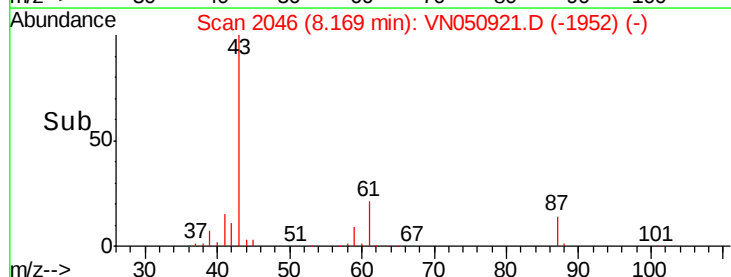
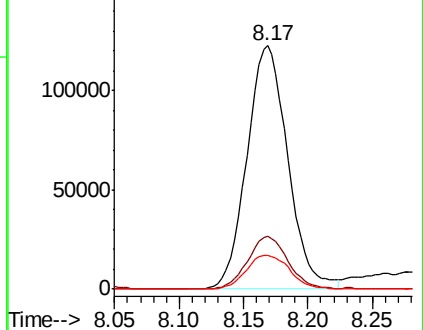
87 14.8 11.3 16.9

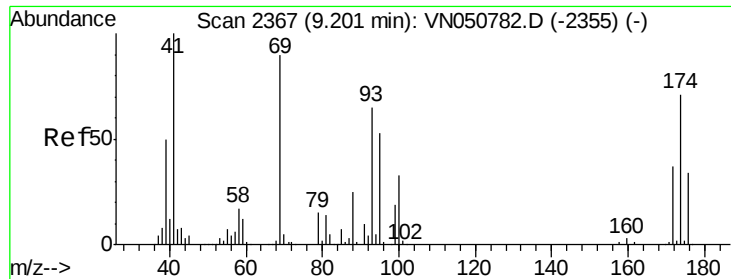


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

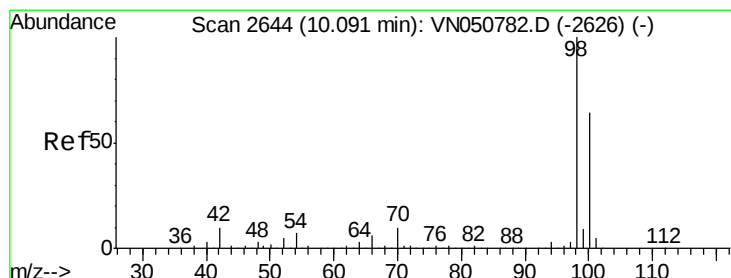
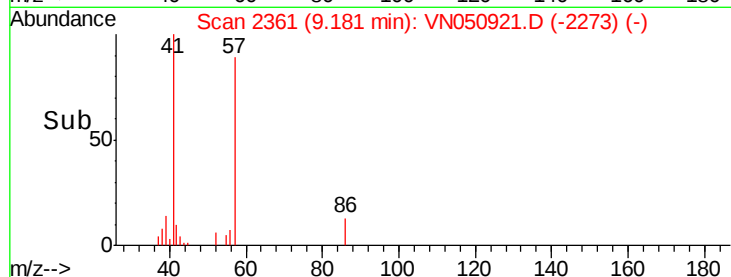
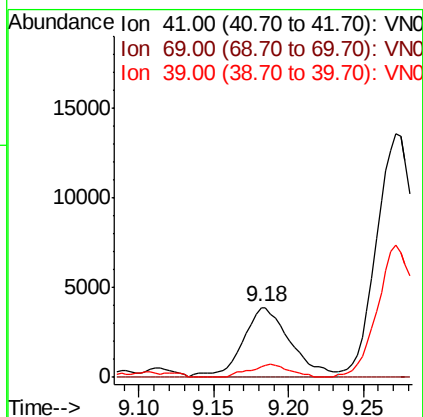
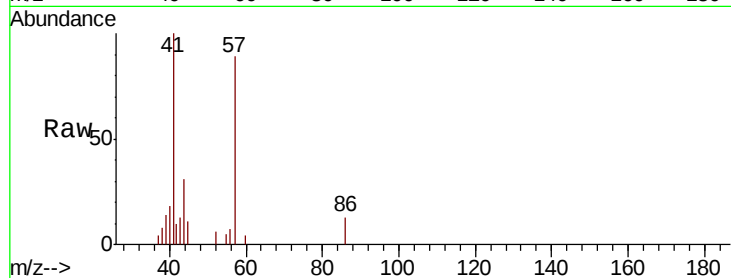




#48
Methvl methacrylate
Concen: 1.51 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050921.D
Acq: 28 Aug 2018 18:38

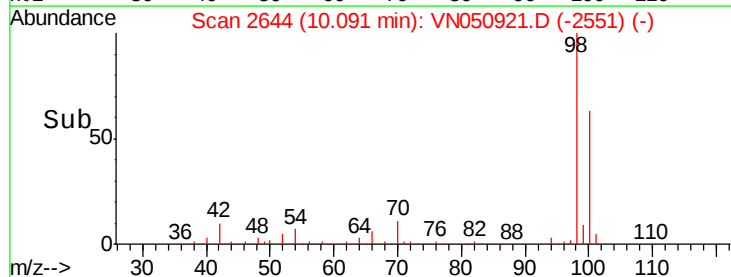
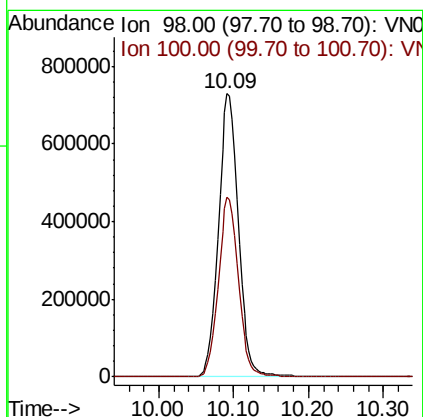
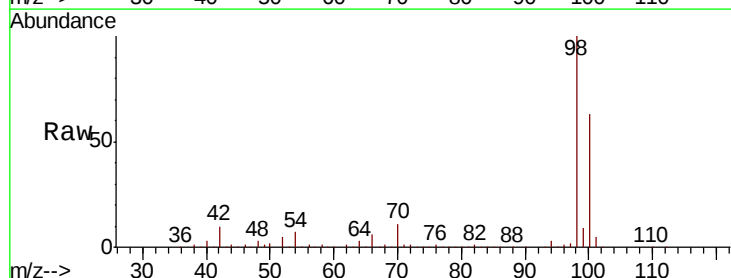
Instrument :
MSVOA_N
ClientSampleId :
PB112421TB

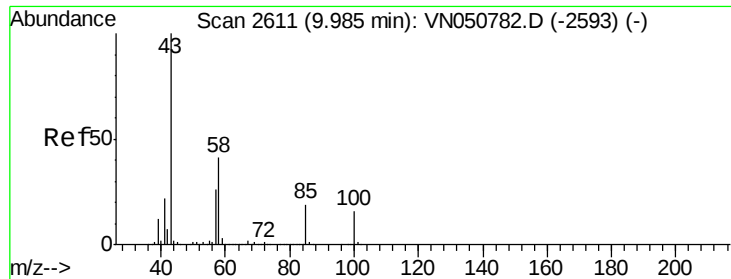
Tot Ion: 41 Resp: 8702
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 15.5 42.2 63.2#



#50
Toluene-d8
Concen: 46.79 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050921.D
Acq: 28 Aug 2018 18:38

Tgt Ion: 98 Resp: 1348184
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3

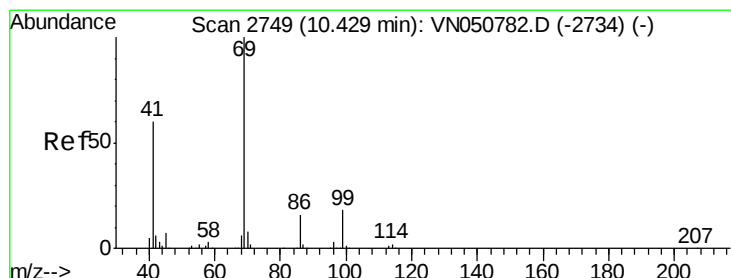
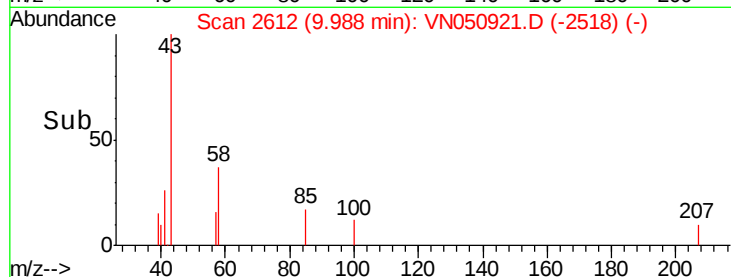
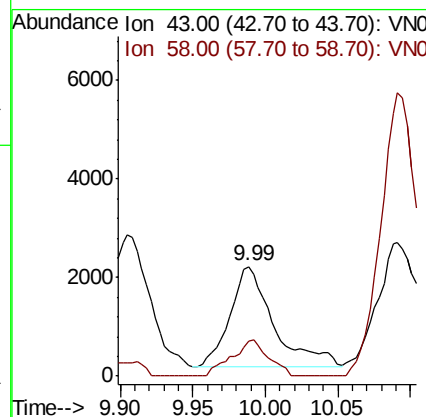
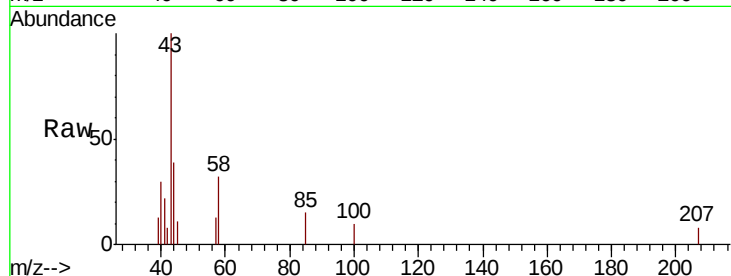




#51
4-Methyl-2-Pentanone
Concen: 0.64 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050921.D
Acq: 28 Aug 2018 18:38

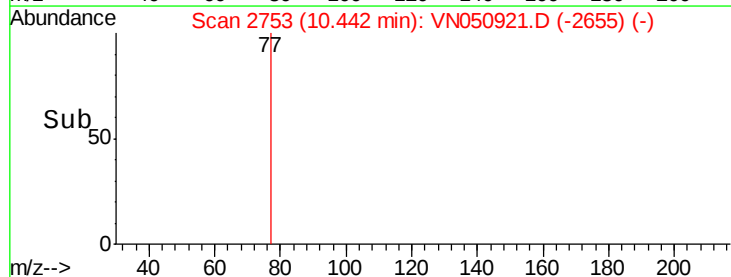
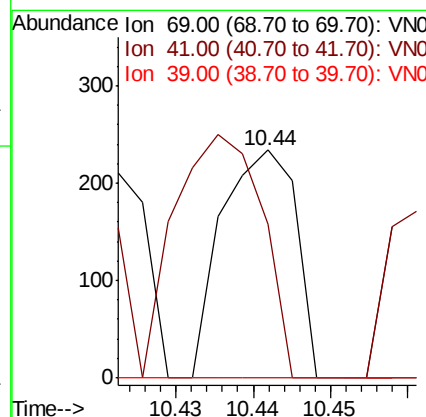
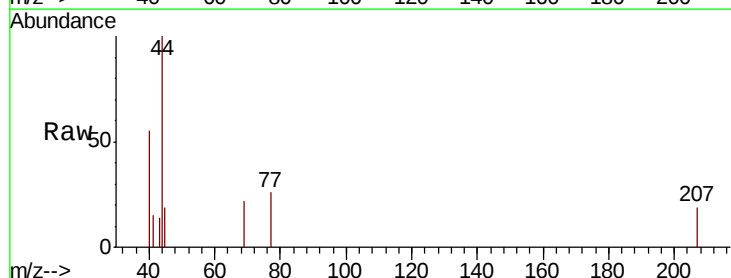
Instrument :
MSVOA_N
ClientSampled :
PB112421TB

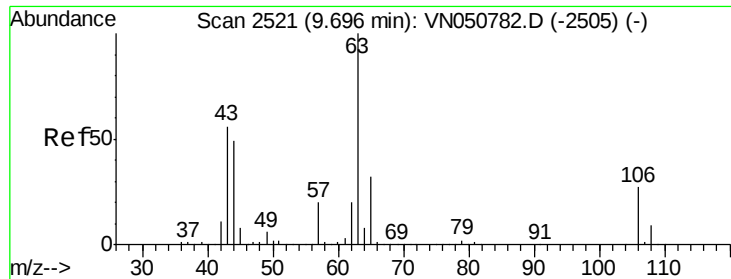
Tot Ion: 43 Resp: 4287
Ion Ratio Lower Upper
43 100
58 30.1 32.4 48.6#



#56
Ethyl methacrylate
Concen: 2.36 ug/l
RT: 10.44 min Scan# 2753
Delta R.T. 0.01 min
Lab File: VN050921.D
Acq: 28 Aug 2018 18:38

Tgt Ion: 69 Resp: 156
Ion Ratio Lower Upper
69 100
41 125.6 48.3 72.5#
39 0.0 24.0 36.0#





#58

2-Chloroethyl Vinyl ether

Concen: 12.23 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

Instrument :

MSVOA_N

ClientSampled :

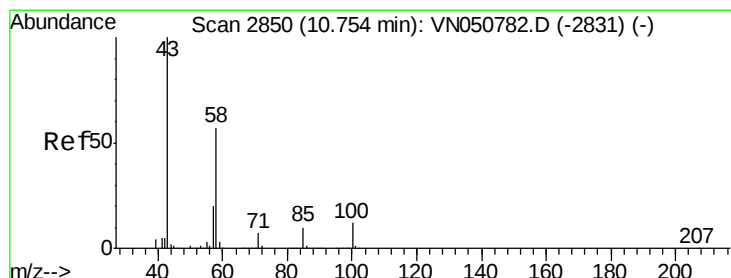
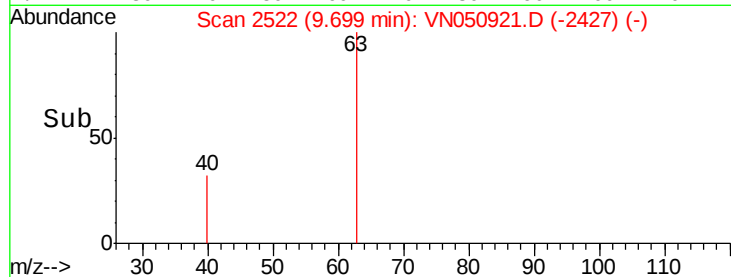
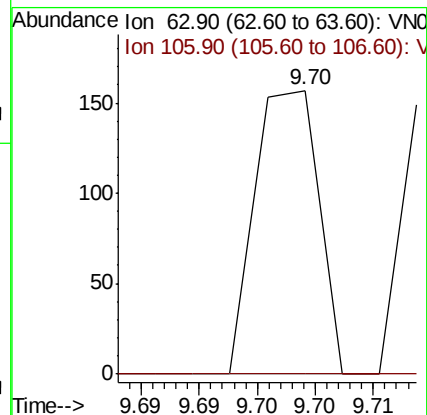
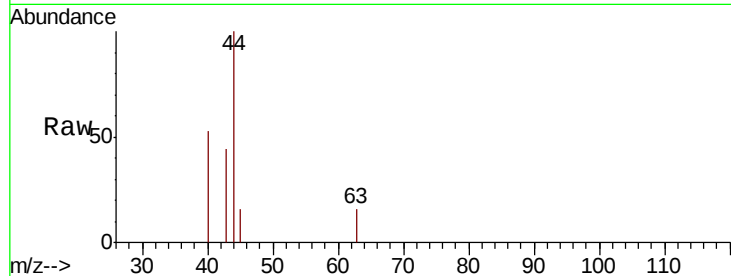
PB112421TB

Tot Ion: 63 Resp: 60

Ion Ratio Lower Upper

63 100

106 0.0 21.9 32.9#



#59

2-Hexanone

Concen: 4.70 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050921.D

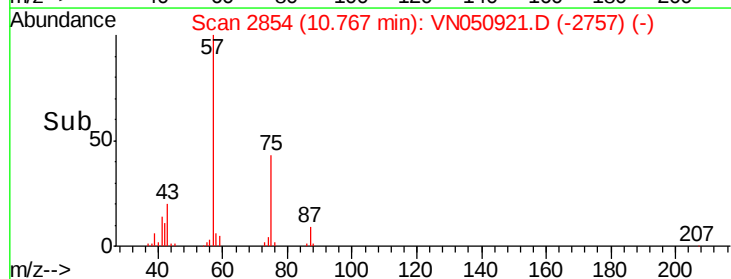
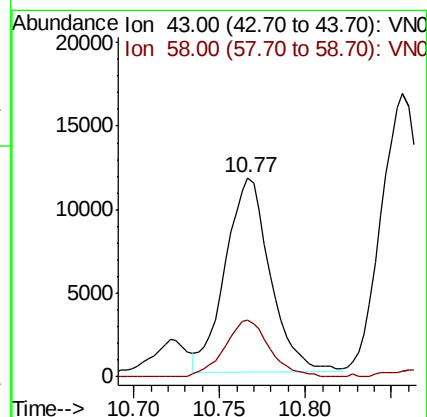
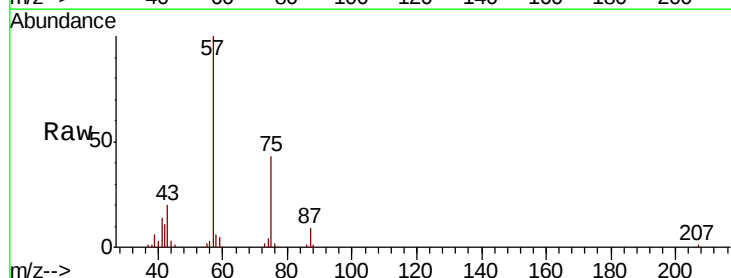
Acq: 28 Aug 2018 18:38

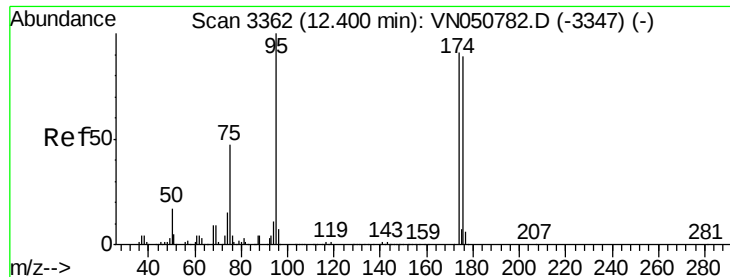
Tgt Ion: 43 Resp: 21065

Ion Ratio Lower Upper

43 100

58 29.3 28.3 85.0





#62

4-Bromofluorobenzene

Concen: 38.84 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

Instrument :

MSVOA_N

ClientSampleId :

PB112421TB

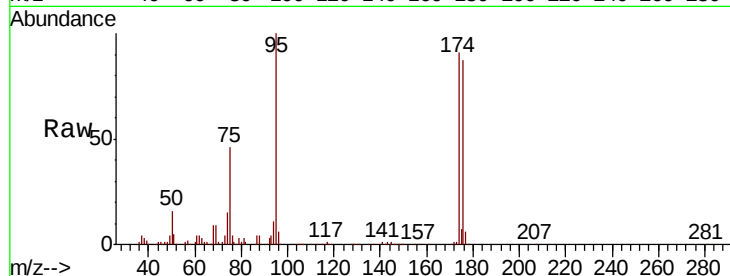
Tot Ion: 95 Resp: 371896

Ion Ratio Lower Upper

95 100

174 91.2 0.0 183.0

176 87.3 0.0 178.8



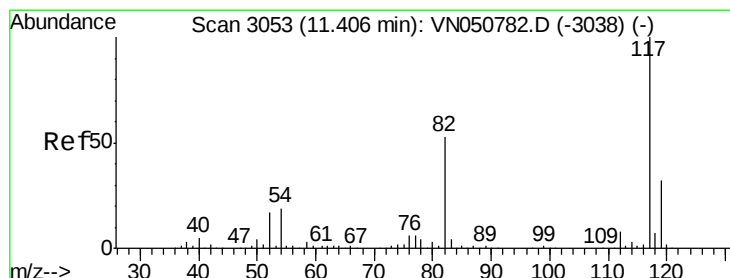
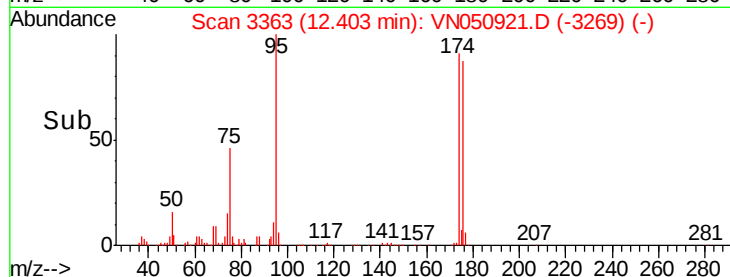
Abundance Ion 94.90 (94.60 to 95.60): VN050921.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050921.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050921.D (-3347) (-)

12.40

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

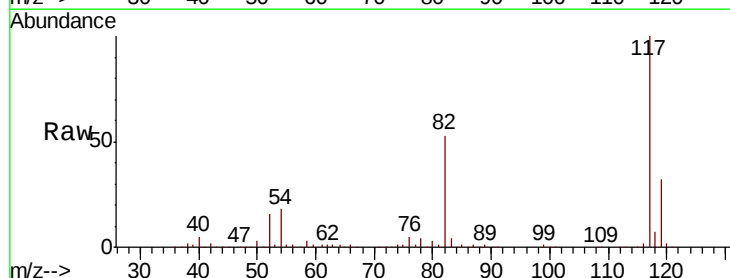
Tgt Ion: 117 Resp: 854193

Ion Ratio Lower Upper

117 100

82 52.6 42.6 64.0

119 31.7 25.8 38.6



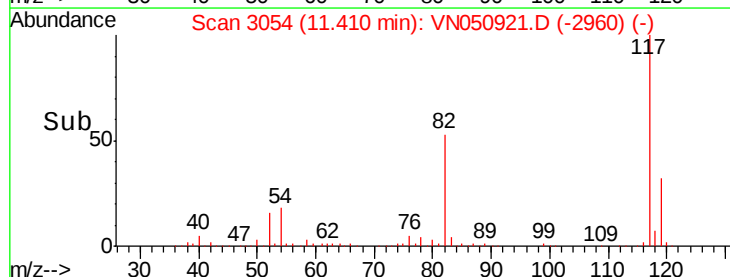
Abundance Ion 116.90 (116.60 to 117.60): VN050921.D (-3038) (-)

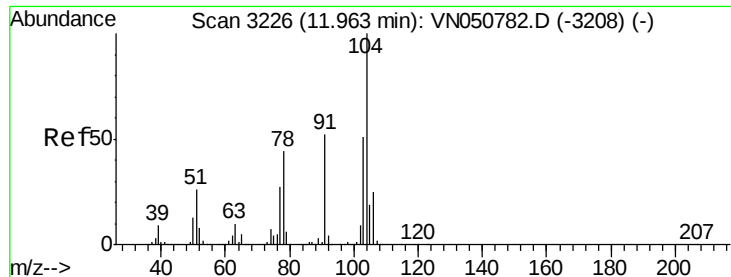
Ion 82.00 (81.70 to 82.70): VN050921.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050921.D (-3038) (-)

11.41

Time-->





#70

Stvrene

Concen: 1.34 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

Instrument :

MSVOA_N

ClientSampled :

PB112421TB

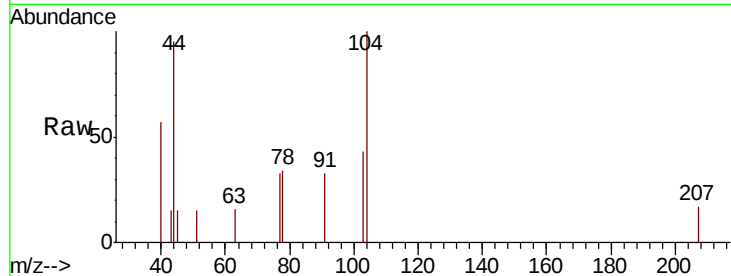
Tot Ion:104 Resp: 1774

Ion Ratio Lower Upper

104 100

78 38.1 38.2 57.4#

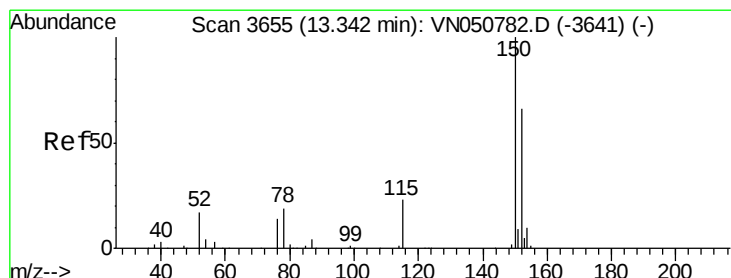
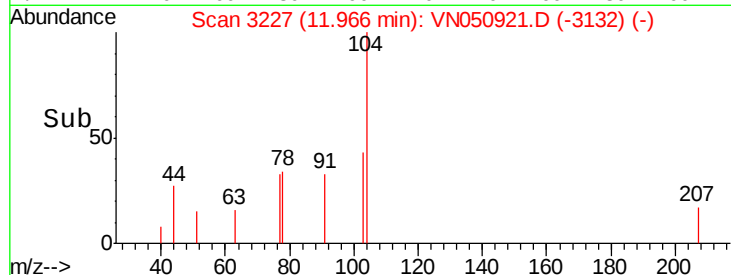
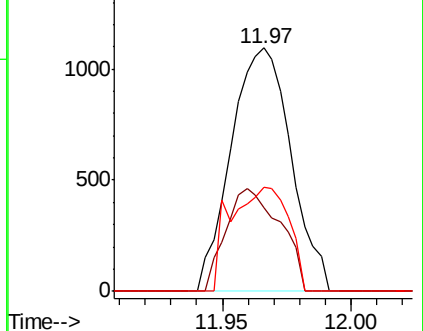
103 41.5 44.4 66.6#



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: VN050921.D

Acq: 28 Aug 2018 18:38

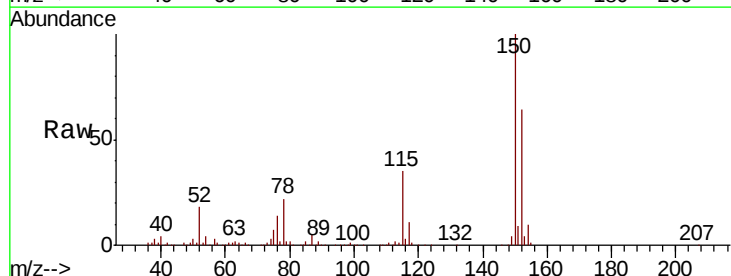
Tgt Ion:152 Resp: 281723

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.4

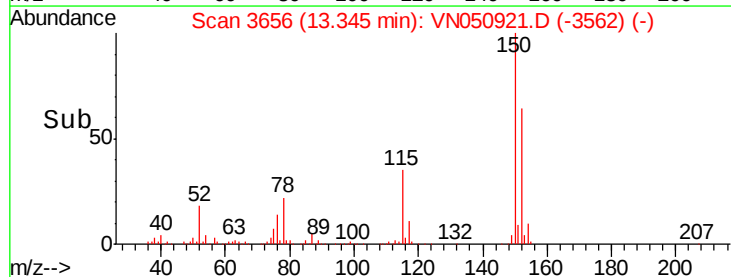
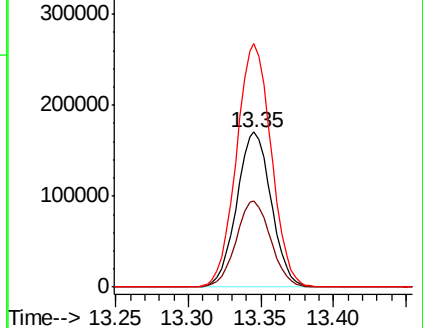
150 158.4 0.0 351.4

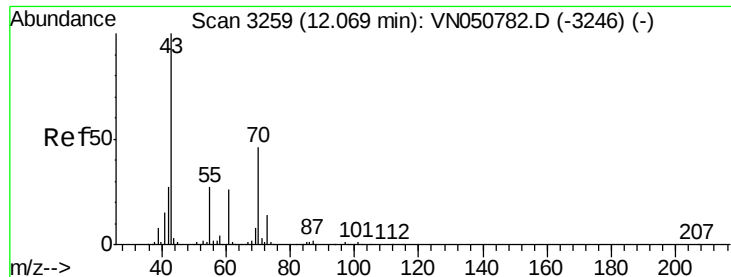


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.32 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

Instrument :

MSVOA_N

ClientSampleId :

PB112421TB

Tot Ion: 43 Resp: 1884

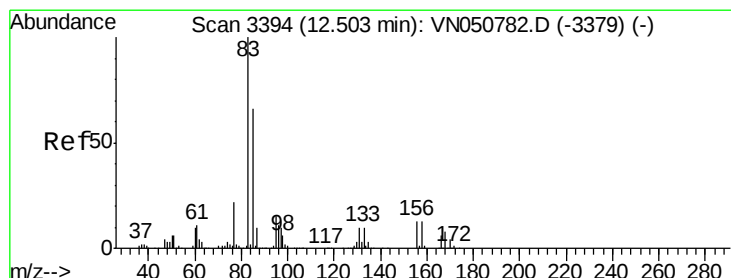
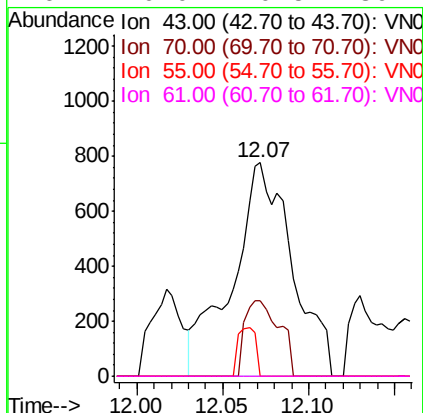
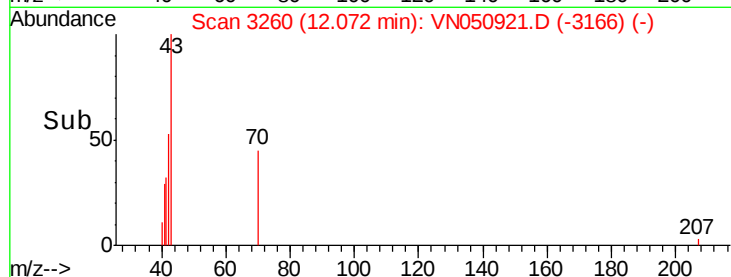
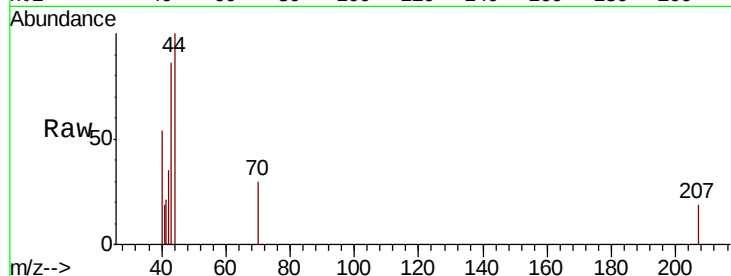
Ion Ratio Lower Upper

43 100

70 20.1 36.2 54.2#

55 6.8 21.8 32.8#

61 0.0 20.5 30.7#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

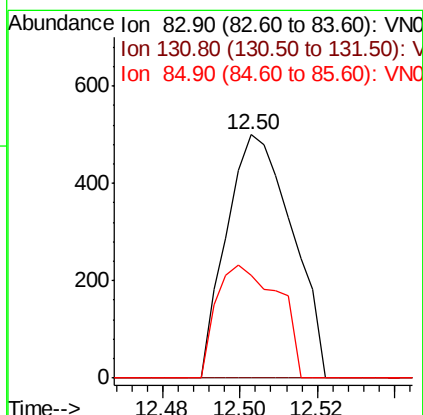
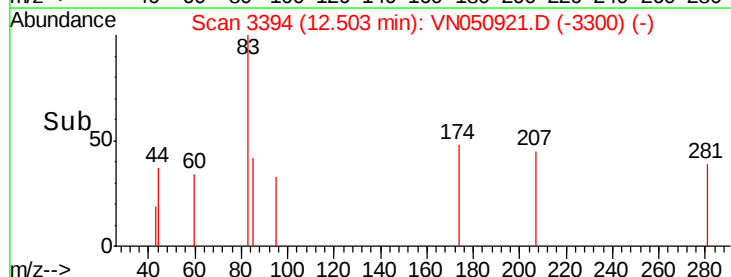
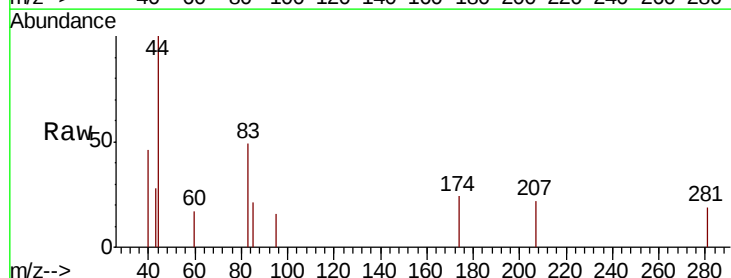
Tgt Ion: 83 Resp: 588

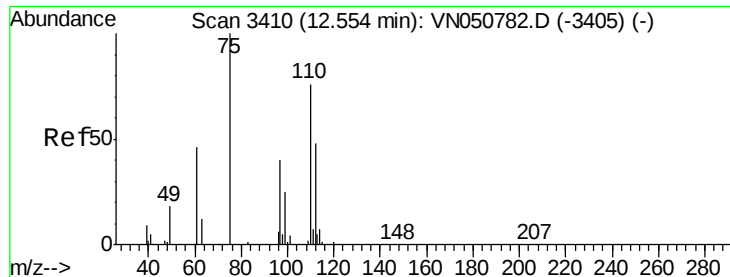
Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

85 43.9 31.9 95.7





#76

1,2,3-Trichloropropane

Concen: 34.86 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

Instrument :

MSVOA_N

ClientSampleId :

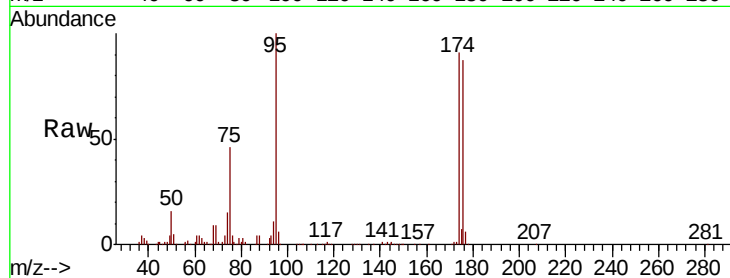
PB112421TB

Tot Ion: 75 Resp: 171998

Ion Ratio Lower Upper

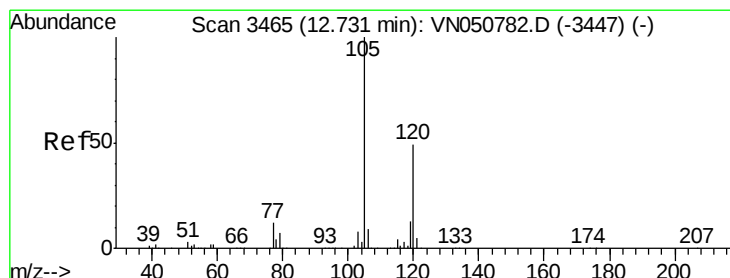
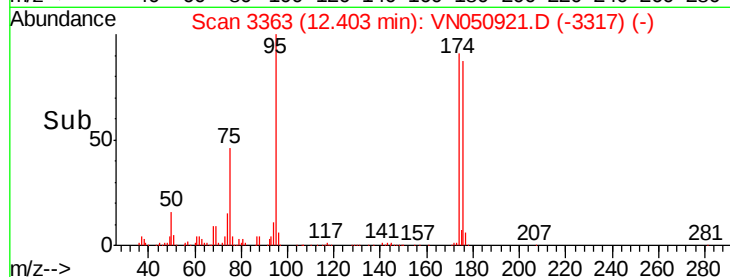
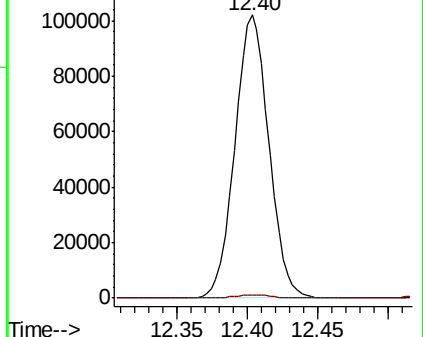
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050921.D (-3363) (-)

Ion 77.00 (76.70 to 77.70): VN050921.D (-3363) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.30 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050921.D

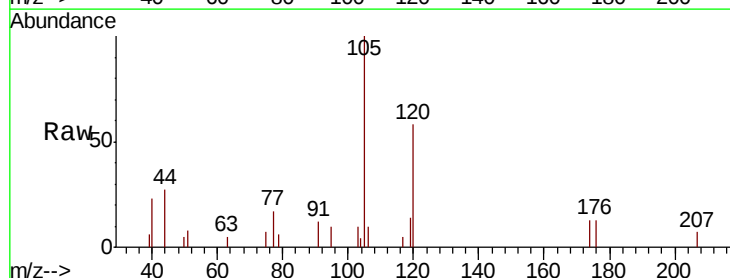
Acq: 28 Aug 2018 18:38

Tgt Ion: 105 Resp: 5661

Ion Ratio Lower Upper

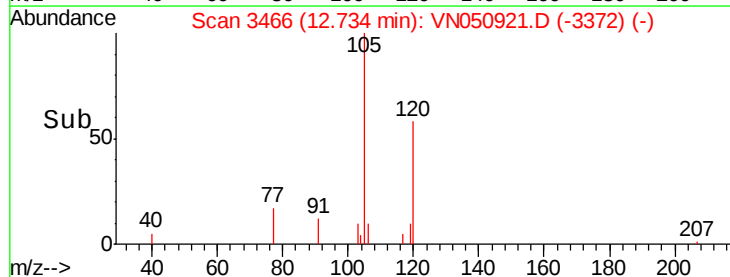
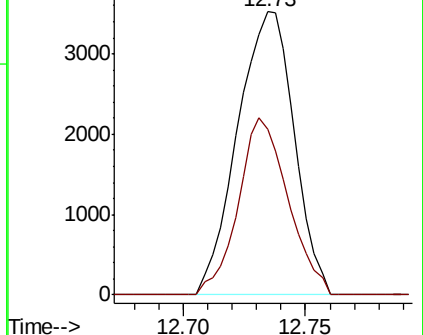
105 100

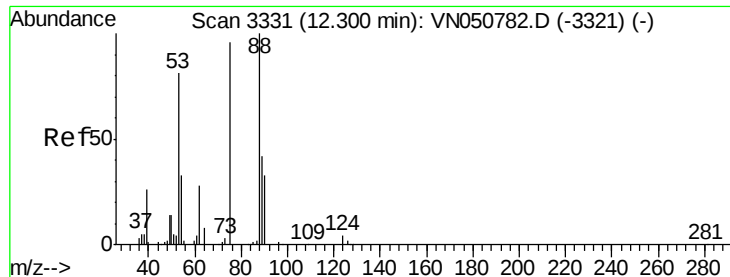
120 55.0 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN050921.D (-3466) (-)

Ion 120.00 (119.70 to 120.70): VN050921.D (-3466) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 117.84 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

Instrument :

MSVOA_N

ClientSampled :

PB112421TB

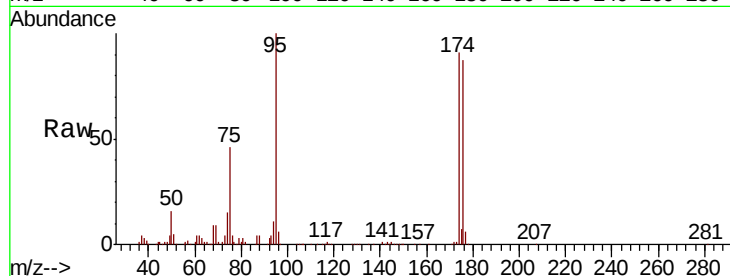
Tot Ion: 75 Resp: 171998

Ion Ratio Lower Upper

75 100

53 0.1 68.9 103.3#

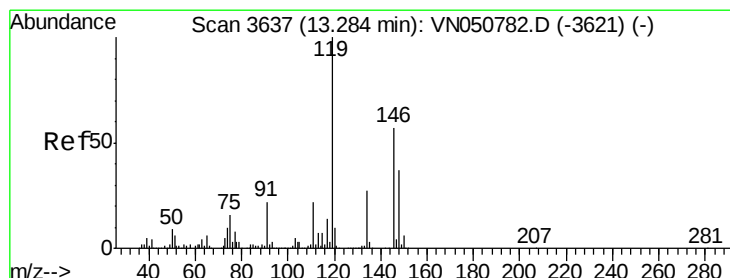
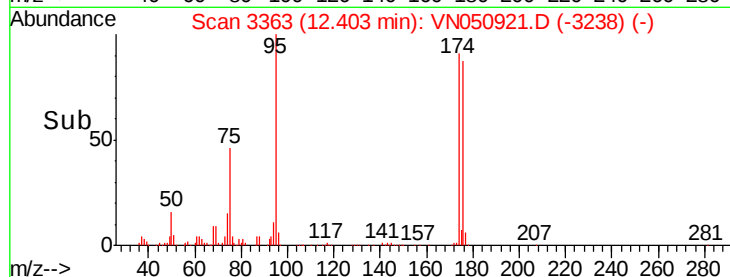
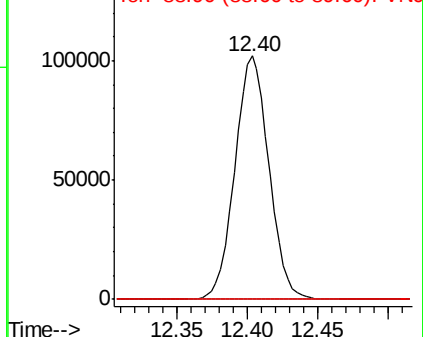
89 0.0 36.1 54.1#



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



#87

1,3-Dichlorobenzene

Concen: 0.27 ug/l

RT: 13.29 min Scan# 3638

Delta R.T. 0.00 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

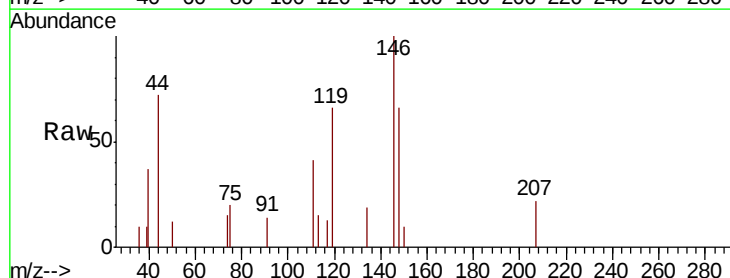
Tgt Ion: 146 Resp: 2858

Ion Ratio Lower Upper

146 100

111 36.6 19.1 57.3

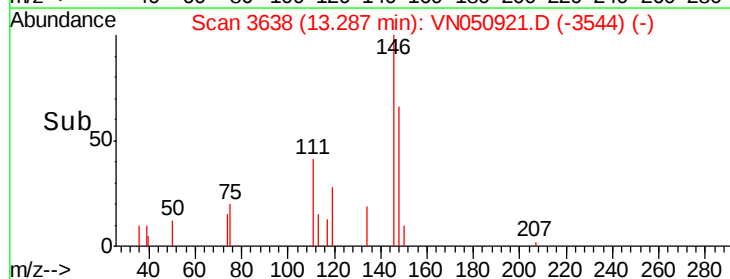
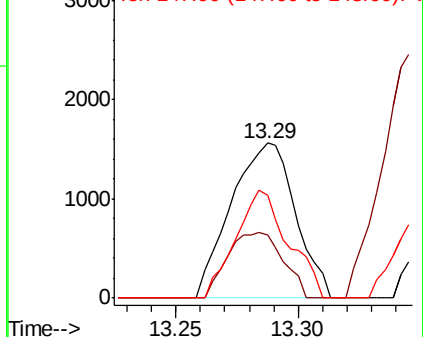
148 56.8 32.2 96.6

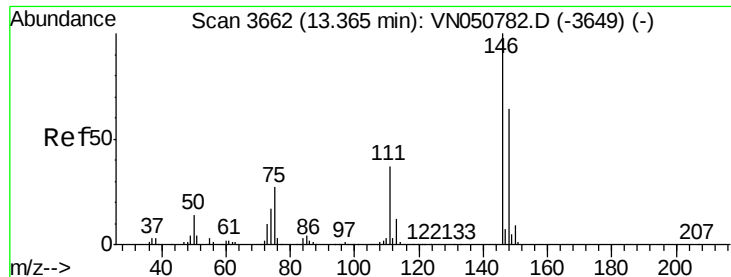


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

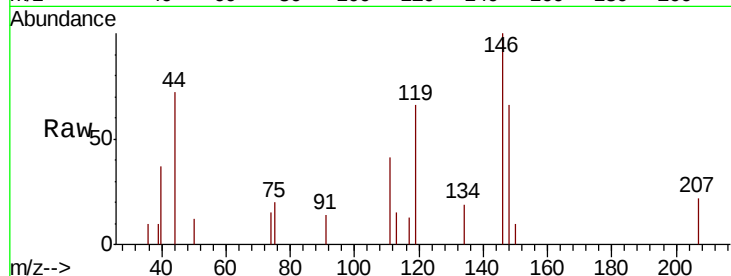




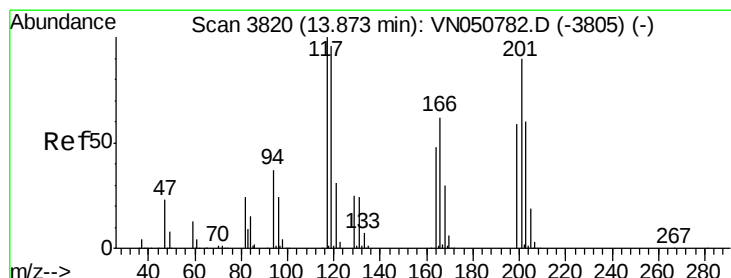
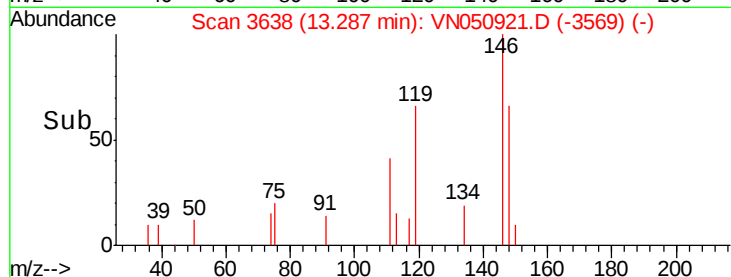
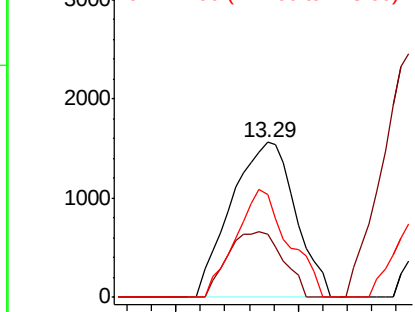
#88
 1,4-Dichlorobenzene
 Concen: 0.27 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. -0.08 min
 Lab File: VN050921.D
 Acq: 28 Aug 2018 18:38

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112421TB

Tot Ion:146 Resp: 2858
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.8 56.3
 148 56.8 32.2 96.6

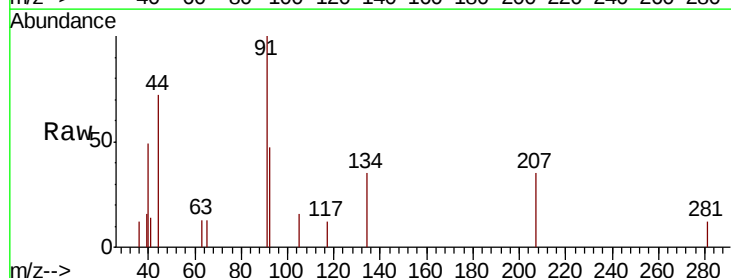


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

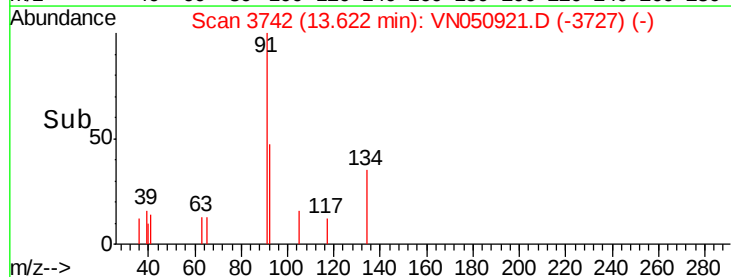
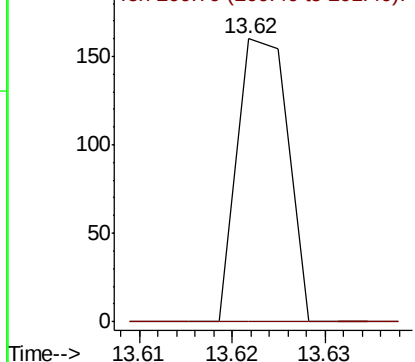


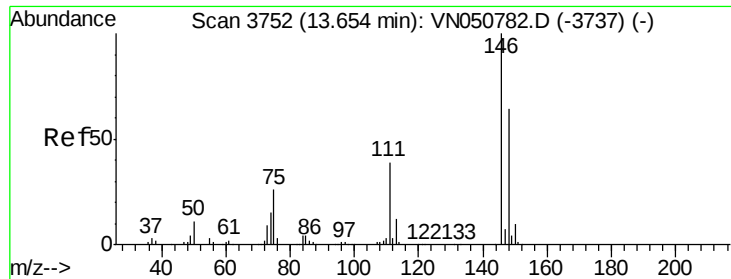
#90
 Hexachloroethane
 Concen: 0.20 ug/l
 RT: 13.62 min Scan# 3742
 Delta R.T. -0.25 min
 Lab File: VN050921.D
 Acq: 28 Aug 2018 18:38

Tgt Ion:117 Resp: 61
 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





#91

1,2-Dichlorobenzene

Concen: 0.27 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

Instrument :

MSVOA_N

ClientSampled :

PB112421TB

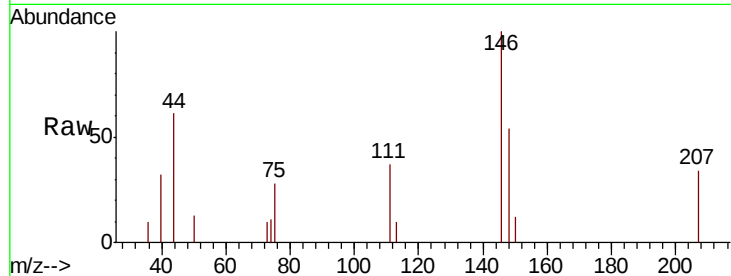
Tot Ion:146 Resp: 2759

Ion Ratio Lower Upper

146 100

111 32.7 19.8 59.3

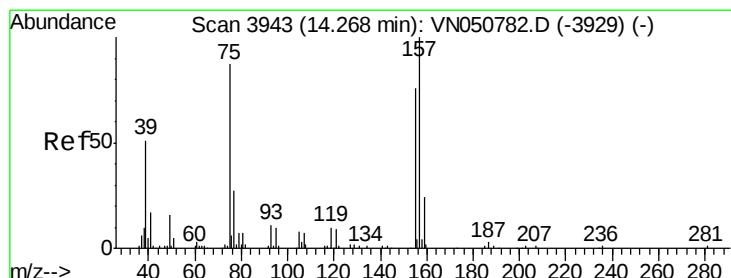
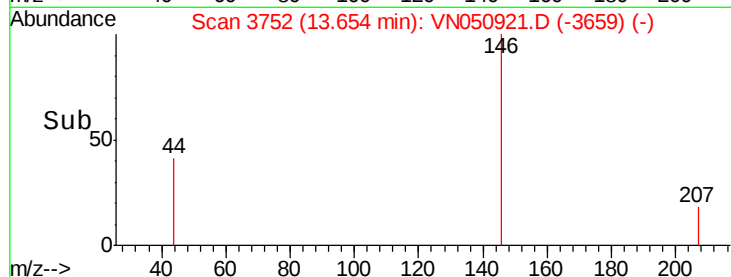
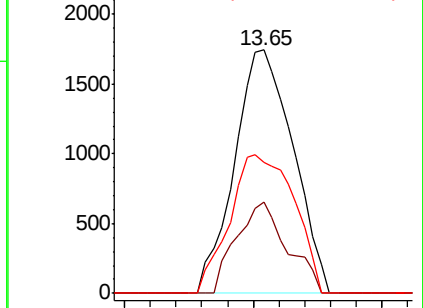
148 62.7 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.43 ug/l

RT: 14.27 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VN050921.D

Acq: 28 Aug 2018 18:38

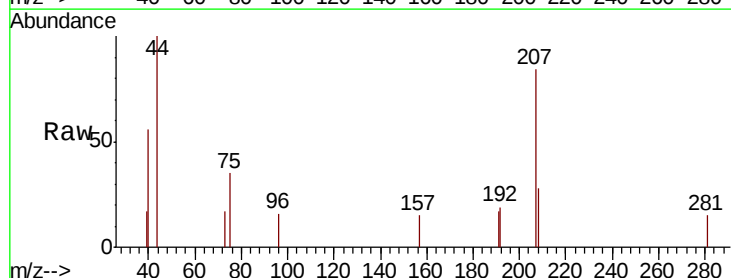
Tgt Ion: 75 Resp: 363

Ion Ratio Lower Upper

75 100

155 0.0 46.4 139.1#

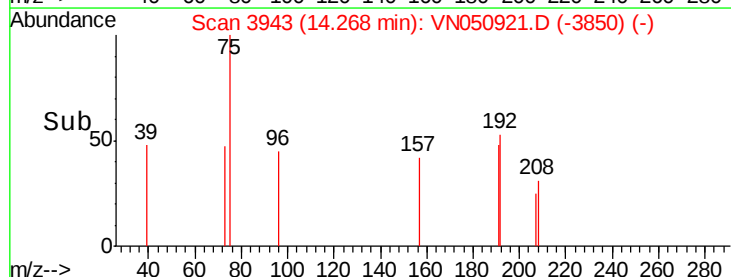
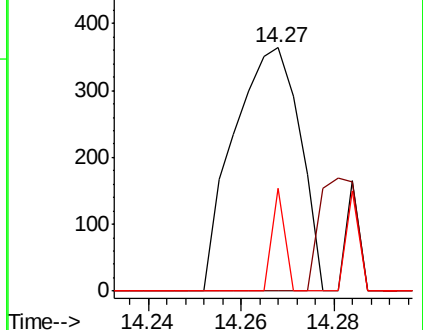
157 8.3 60.7 182.0#

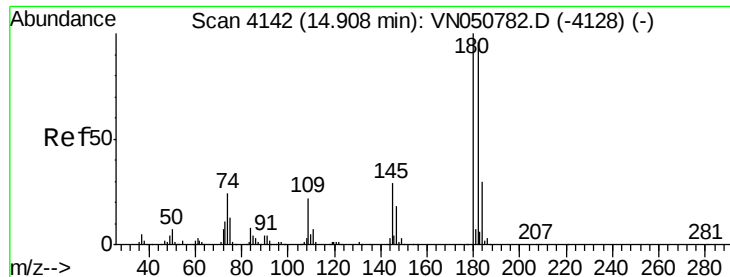


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

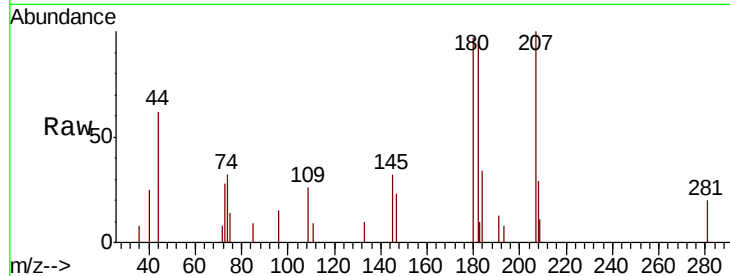




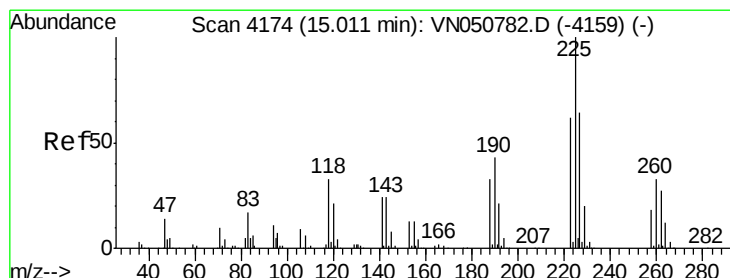
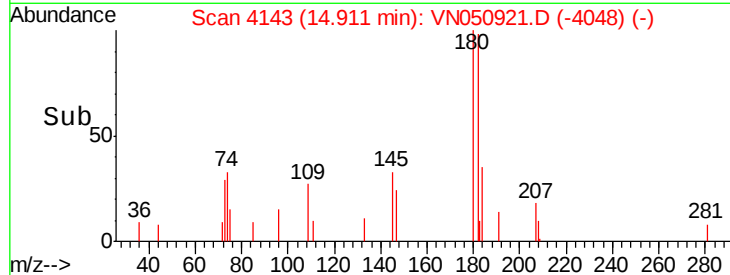
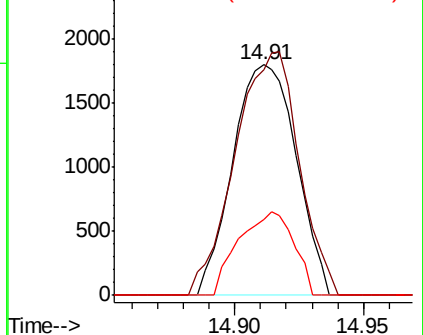
#93
 1,2,4-Trichlorobenzene
 Concen: 4.61 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050921.D
 Acq: 28 Aug 2018 18:38

Instrument :
 MSVOA_N
 ClientSampled :
 PB112421TB

Tot Ion:180 Resp: 3088
 Ion Ratio Lower Upper
 180 100
 182 106.6 48.2 144.6
 145 31.4 14.1 42.2

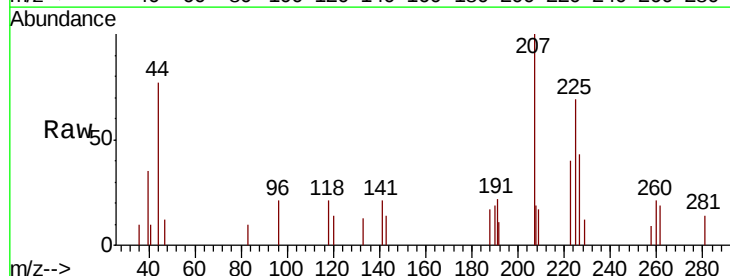


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

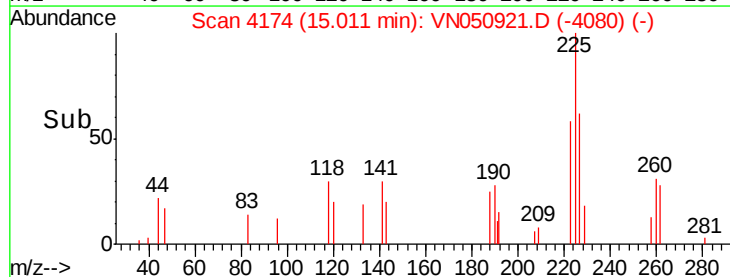
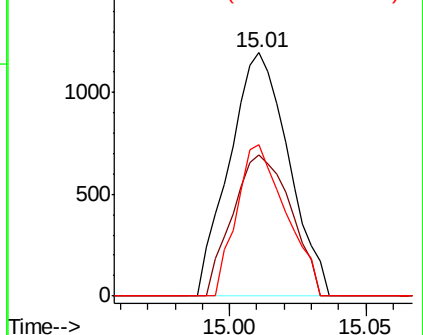


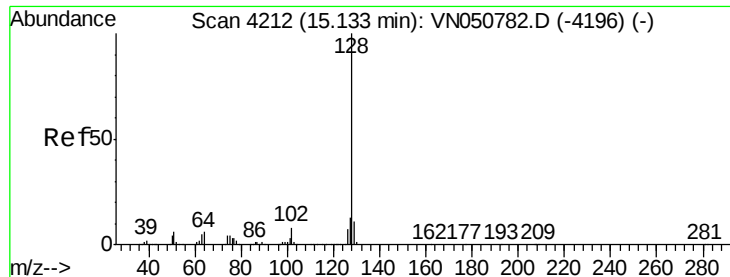
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN050921.D
 Acq: 28 Aug 2018 18:38

Tgt Ion:225 Resp: 1799
 Ion Ratio Lower Upper
 225 100
 223 57.3 31.3 93.8
 227 51.9 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

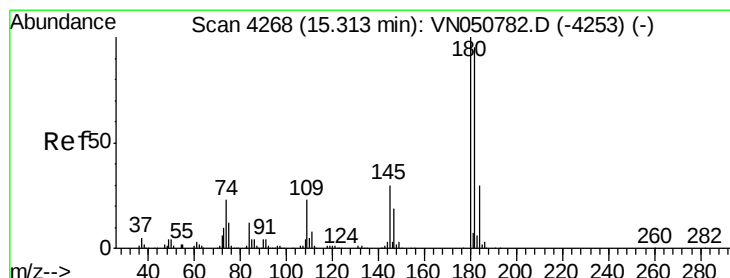
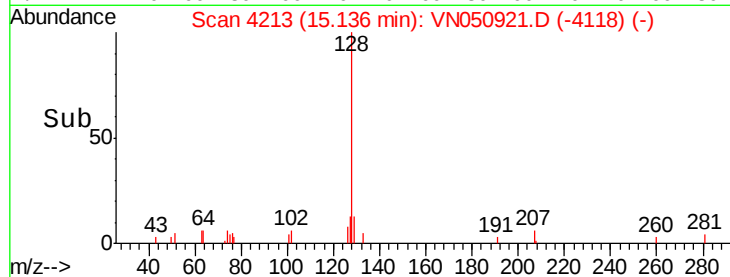
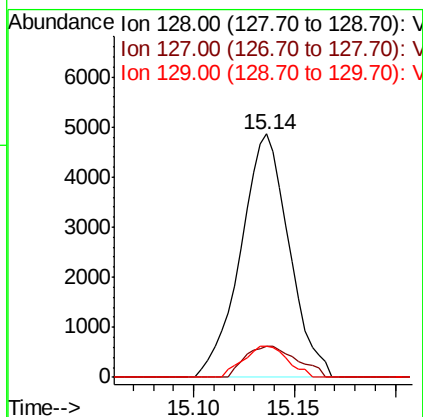
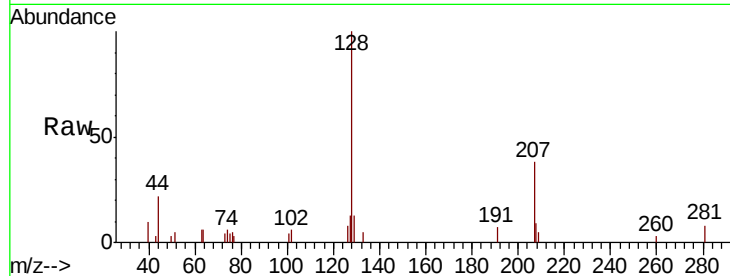




#95
Naphthalene
Concen: 6.05 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050921.D
Acq: 28 Aug 2018 18:38

Instrument :
MSVOA_N
ClientSampleId :
PB112421TB

Tot Ion:128 Resp: 8155
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 11.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.00 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.01 min
Lab File: VN050921.D
Acq: 28 Aug 2018 18:38

Tgt Ion:180 Resp: 3815
Ion Ratio Lower Upper
180 100
182 92.2 48.0 144.2
145 28.6 15.2 45.6

