

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082918\
 Data File : VN050944.D
 Acq On : 29 Aug 2018 12:24
 Operator : MD\SY
 Sample : PB112452TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112452TB

Quant Time: Aug 30 01:00:52 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	641964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1012641	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	874377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	299145	50.00	ug/l	0.00

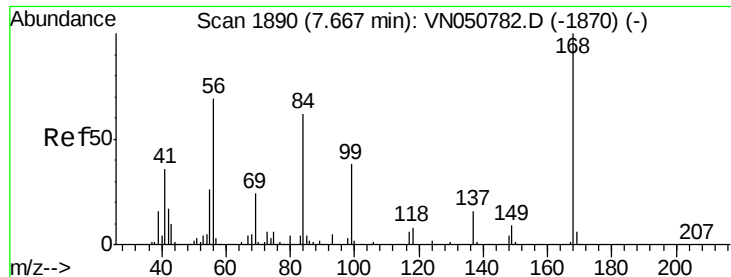
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	407576	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
35) Dibromofluoromethane	7.59	113	379007	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
50) Toluene-d8	10.09	98	1407123	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
62) 4-Bromofluorobenzene	12.40	95	379919	37.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.92%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	2701	0.25	ug/l	# 84
5) Bromomethane	2.57	94	3033	Below	Cal	87
10) Methyl Iodide	3.96	142	1590	6.54	ug/l	# 63
16) Acetone	3.82	43	14391	0.82	ug/l	92
17) Carbon Disulfide	4.06	76	6431	0.27	ug/l	99
18) Methyl Acetate	4.33	43	12072	1.65	ug/l	# 80
20) Methylene Chloride	4.56	84	42376	4.87	ug/l	98
25) 2-Butanone	6.87	43	3096	0.99	ug/l	93
29) Tetrahydrofuran	7.21	42	458	0.26	ug/l	# 44
31) Cyclohexane	7.67	56	11289	1.32	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	42951	3.59	ug/l	# 49
38) Carbon Tetrachloride	7.67	117	56065	4.64	ug/l	# 17
43) Isopropyl Acetate	8.17	43	289420	24.52	ug/l	98
48) Methyl methacrylate	9.18	41	9305	1.55	ug/l	# 19
49) 1,4-Dioxane	9.27	88	31	0.38	ug/l	# 1
51) 4-Methyl-2-Pentanone	9.99	43	3492	0.50	ug/l	92
56) Ethyl methacrylate	10.44	69	243	2.37	ug/l	# 44
58) 2-Chloroethyl Vinyl ether	9.70	63	173	12.26	ug/l	# 47
59) 2-Hexanone	10.77	43	19875	4.24	ug/l	62
70) Styrene	11.97	104	1436	1.33	ug/l	# 91
75) 1,1,2,2-Tetrachloroethane	12.51	83	530	Below	Cal	# 75
76) 1,2,3-Trichloropropane	12.40	75	177727	33.92	ug/l	# 100
80) 1,3,5-Trimethylbenzene	12.73	105	4585	0.23	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	177727	114.67	ug/l	# 15
90) Hexachloroethane	13.88	117	104	0.21	ug/l	# 4
91) 1,2-Dichlorobenzene	13.65	146	2678	0.24	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.26	75	308	0.35	ug/l	# 52
93) 1,2,4-Trichlorobenzene	14.91	180	3066	4.57	ug/l	95
94) Hexachlorobutadiene	15.01	225	1815	Below	Cal	88
95) Naphthalene	15.14	128	9441	6.10	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	3956	3.98	ug/l	100

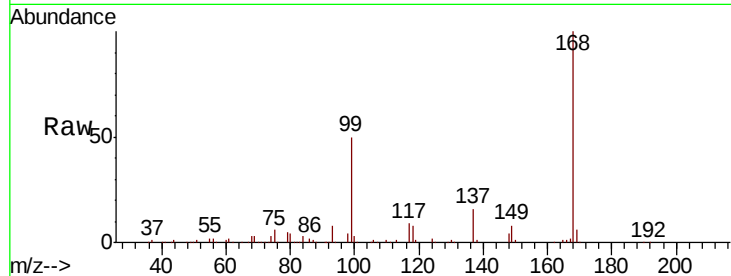
(#) = qualifier out of range (m) = manual integration (+) = signals summed



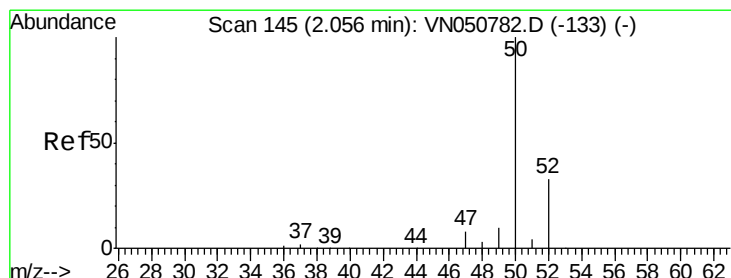
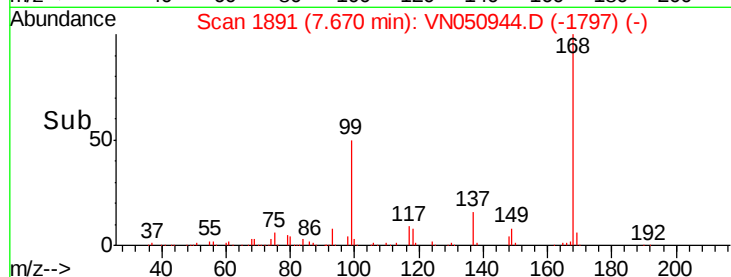
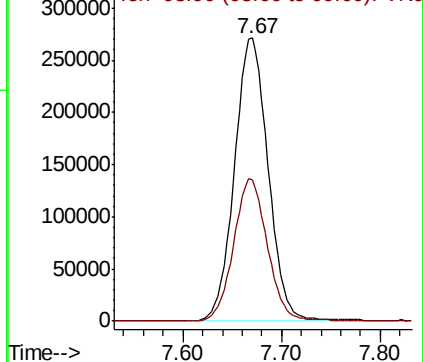
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VN050944.D
Acq: 29 Aug 2018 12:24

Instrument :
MSVOA_N
ClientSampleId :
PB112452TB

Tot Ion:168 Resp: 641964
Ion Ratio Lower Upper
168 100
99 50.0 39.6 59.4

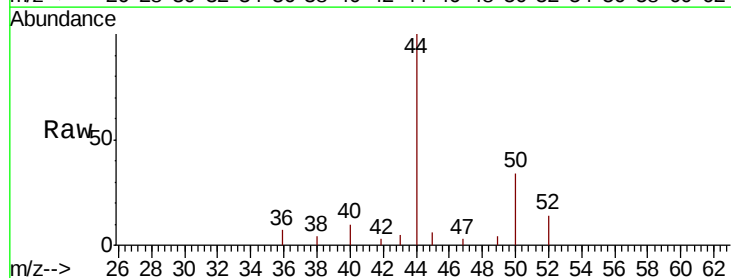


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VNO

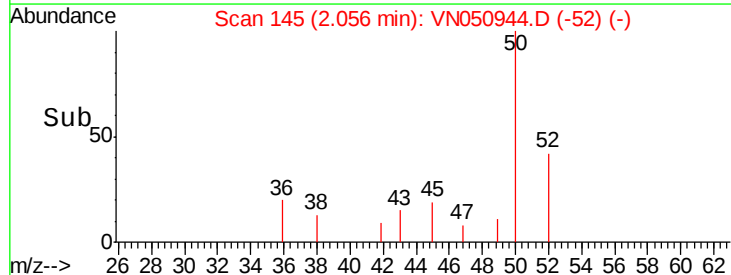
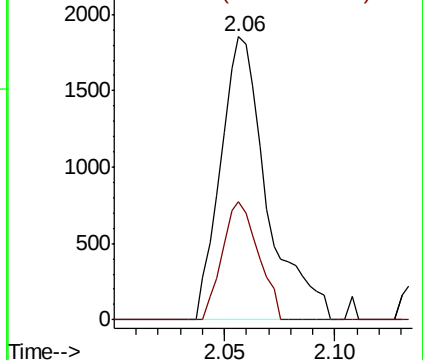


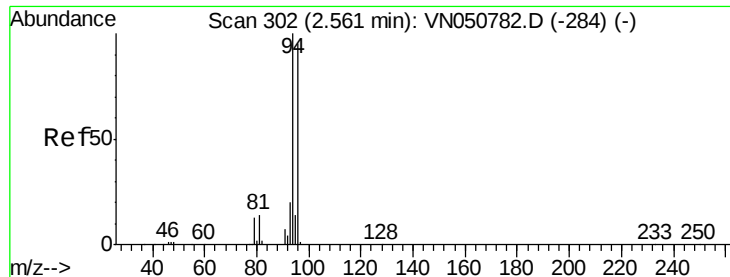
#3
Chloromethane
Concen: 0.25 ug/l
RT: 2.06 min Scan# 145
Delta R.T. 0.00 min
Lab File: VN050944.D
Acq: 29 Aug 2018 12:24

Tgt Ion: 50 Resp: 2701
Ion Ratio Lower Upper
50 100
52 42.0 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN050944.D

Acq: 29 Aug 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

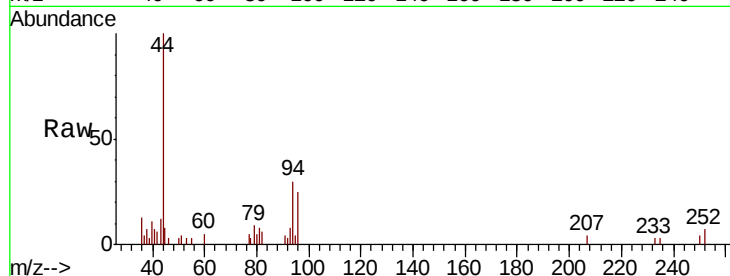
PB112452TB

Tot Ion: 94 Resp: 3033

Ion Ratio Lower Upper

94 100

96 82.2 76.2 114.2



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

Ion 95.90 (95.60 to 96.60): VN050944.D (-209) (-)

2.57

1500

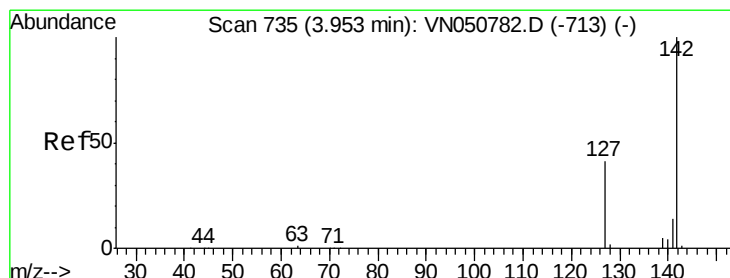
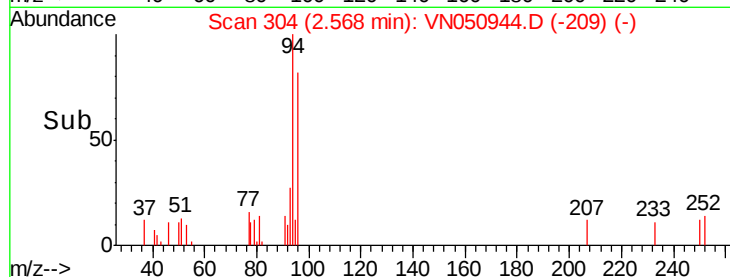
1000

500

0

2.50 2.55 2.60

Time-->



#10

Methyl Iodide

Concen: 6.54 ug/l

RT: 3.96 min Scan# 736

Delta R.T. 0.00 min

Lab File: VN050944.D

Acq: 29 Aug 2018 12:24

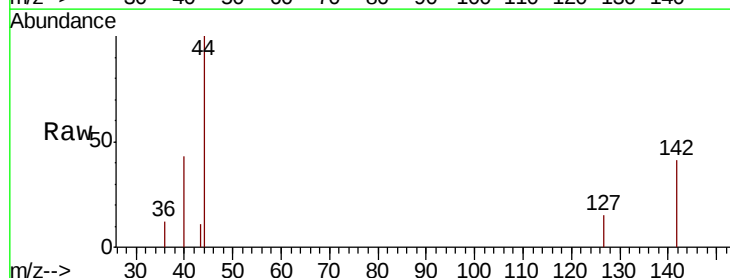
Tgt Ion: 142 Resp: 1590

Ion Ratio Lower Upper

142 100

127 16.3 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): VN050944.D (-642) (-)

Ion 140.80 (140.50 to 141.50): VN050944.D (-642) (-)

3.96

600

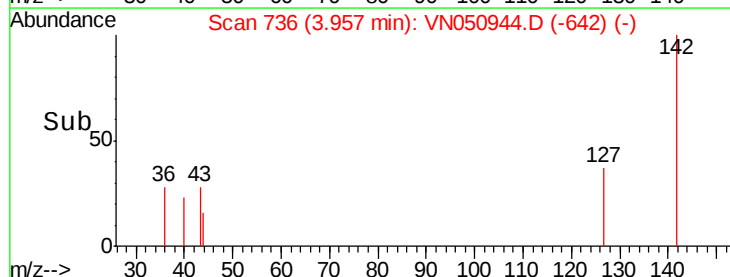
400

200

0

3.90 3.95 4.00

Time-->





#16

Acetone

Concen: 0.82 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050944.D

Acq: 29 Aug 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

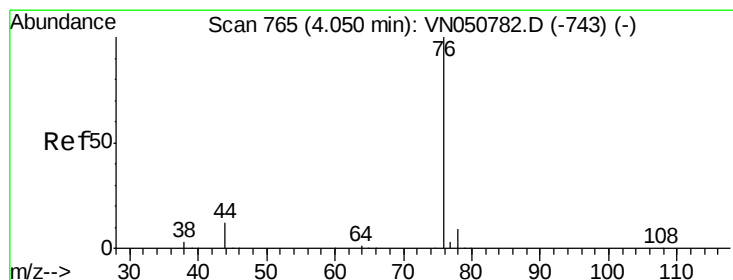
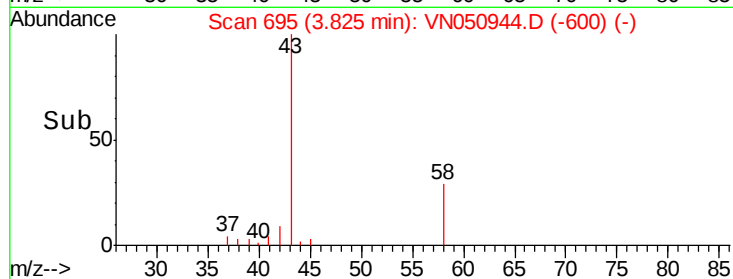
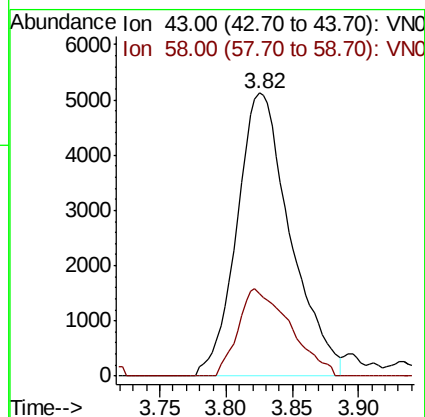
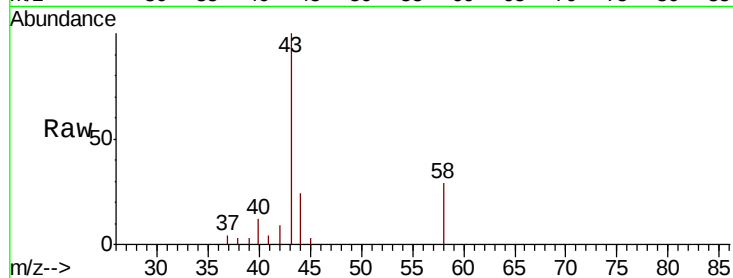
PB112452TB

Tot Ion: 43 Resp: 14391

Ion Ratio Lower Upper

43 100

58 29.3 27.2 40.8



#17

Carbon Disulfide

Concen: 0.27 ug/l

RT: 4.06 min Scan# 768

Delta R.T. 0.01 min

Lab File: VN050944.D

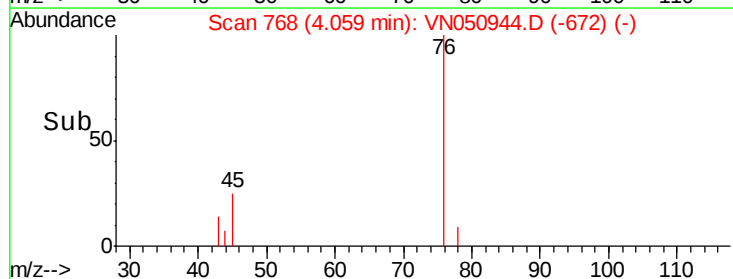
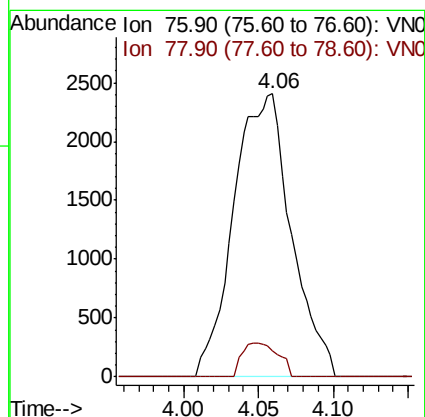
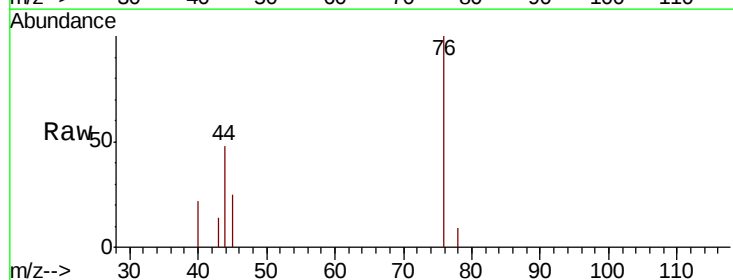
Acq: 29 Aug 2018 12:24

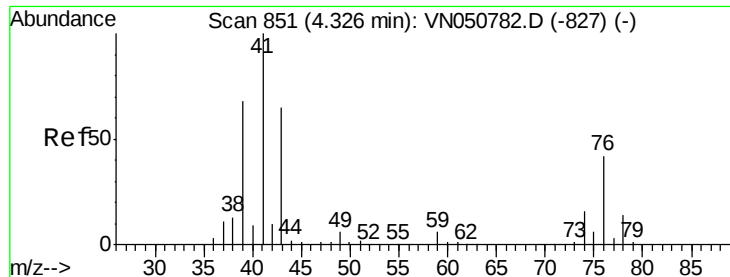
Tgt Ion: 76 Resp: 6431

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

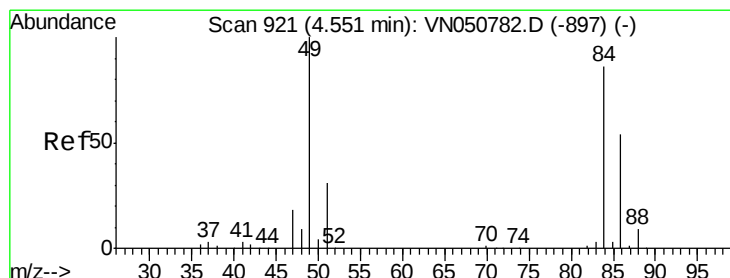
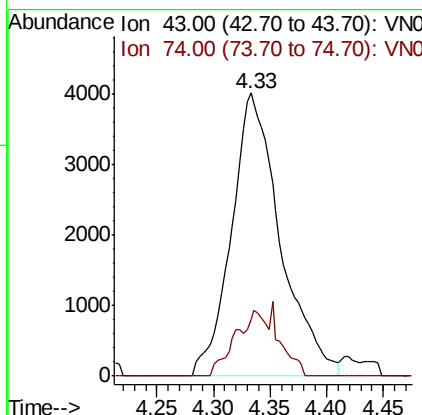
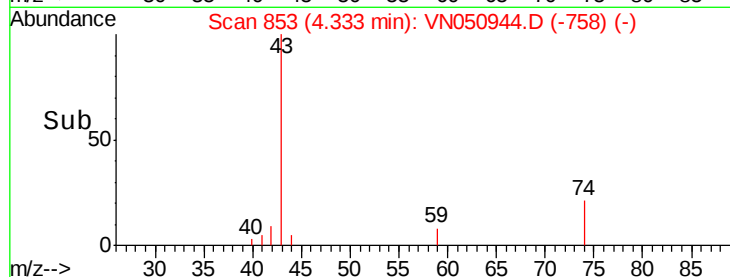
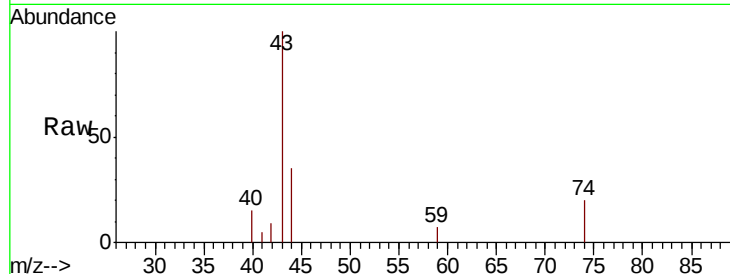




#18
Methyl Acetate
Concen: 1.65 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050944.D
Acq: 29 Aug 2018 12:24

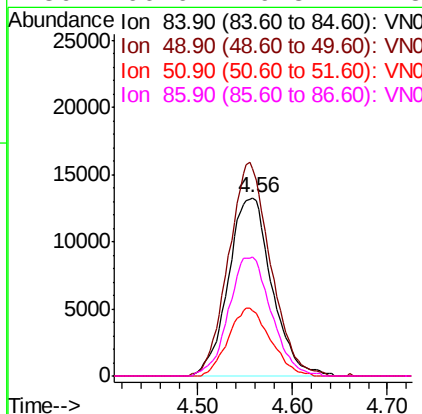
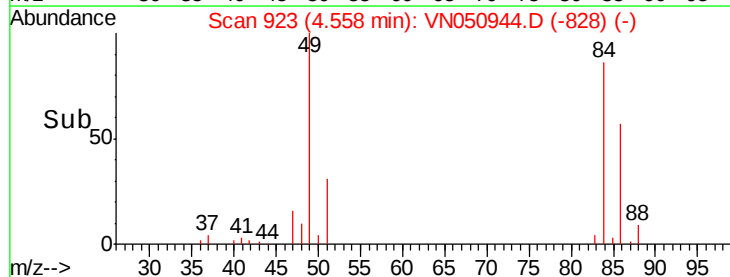
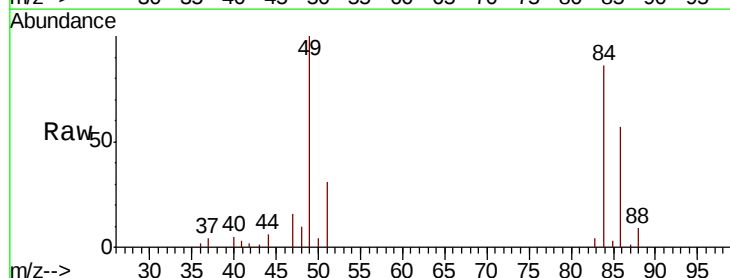
Instrument :
MSVOA_N
ClientSampled :
PB112452TB

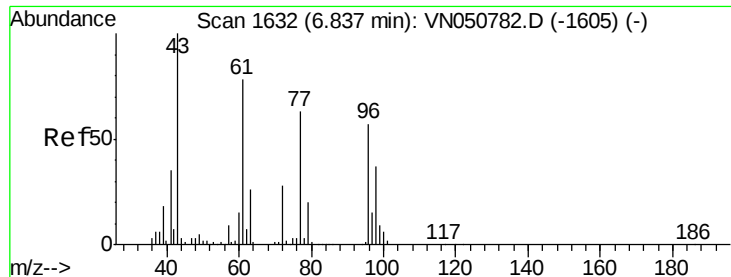
Tot Ion: 43 Resp: 12072
Ion Ratio Lower Upper
43 100
74 14.7 19.8 29.8#



#20
Methylene Chloride
Concen: 4.87 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050944.D
Acq: 29 Aug 2018 12:24

Tgt Ion: 84 Resp: 42376
Ion Ratio Lower Upper
84 100
49 116.7 93.2 139.8
51 36.7 29.0 43.6
86 66.6 49.8 74.8

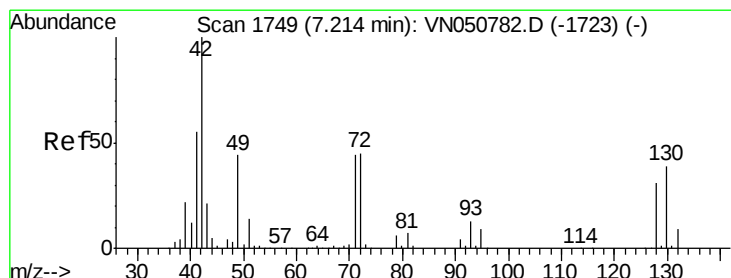
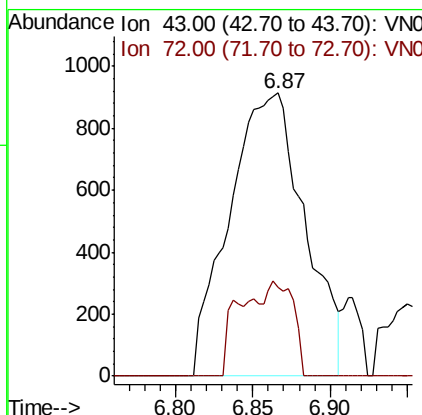
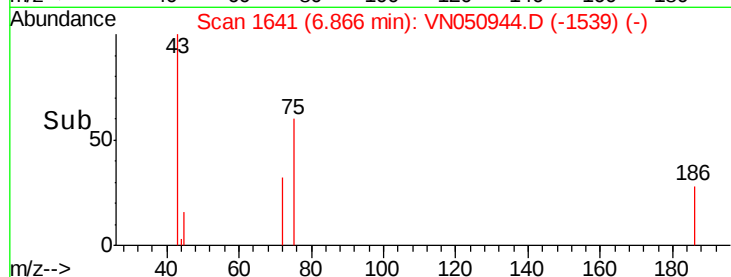
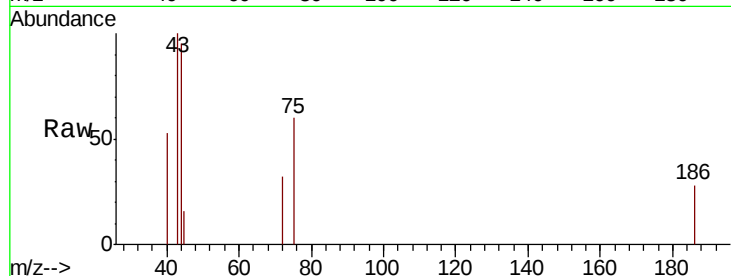




#25
 2-Butanone
 Concen: 0.99 ug/l
 RT: 6.87 min Scan# 1641
 Delta R.T. 0.03 min
 Lab File: VN050944.D
 Acq: 29 Aug 2018 12:24

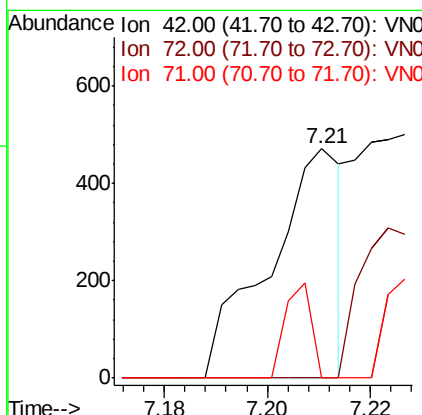
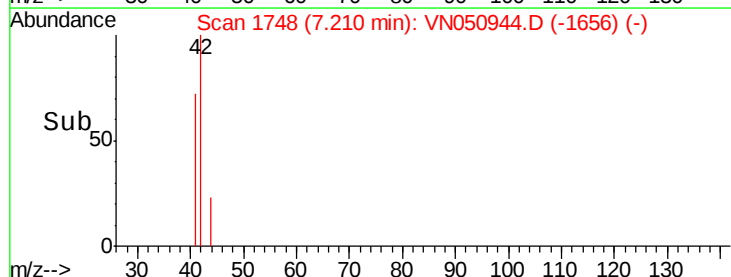
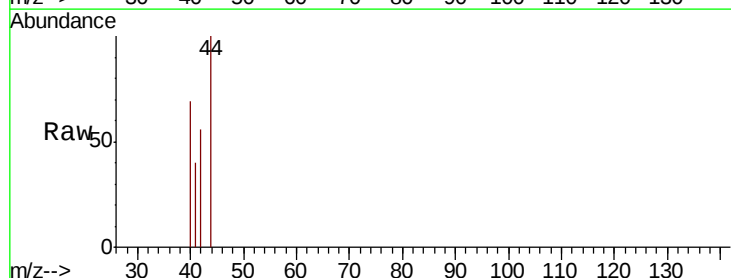
Instrument :
 MSVOA_N
 ClientSampled :
 PB112452TB

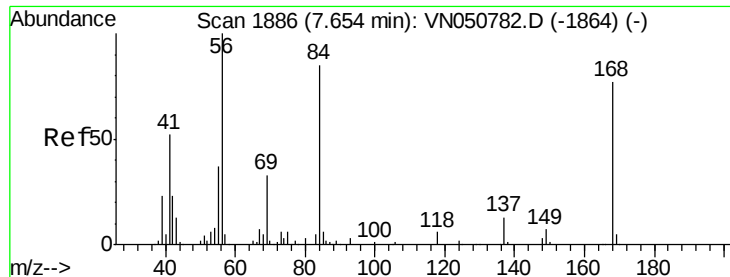
Tot Ion: 43 Resp: 3096
 Ion Ratio Lower Upper
 43 100
 72 31.5 22.3 33.5



#29
 Tetrahydrofuran
 Concen: 0.26 ug/l
 RT: 7.21 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VN050944.D
 Acq: 29 Aug 2018 12:24

Tgt Ion: 42 Resp: 458
 Ion Ratio Lower Upper
 42 100
 72 0.0 35.5 53.3#
 71 14.8 33.7 50.5#

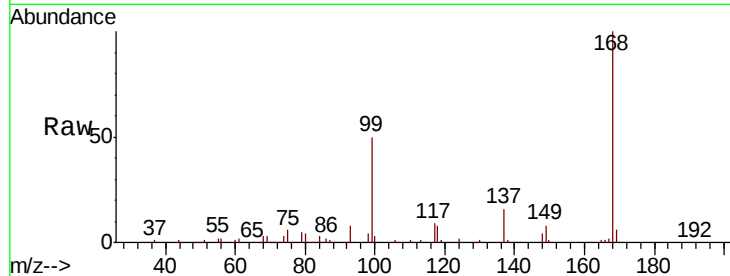




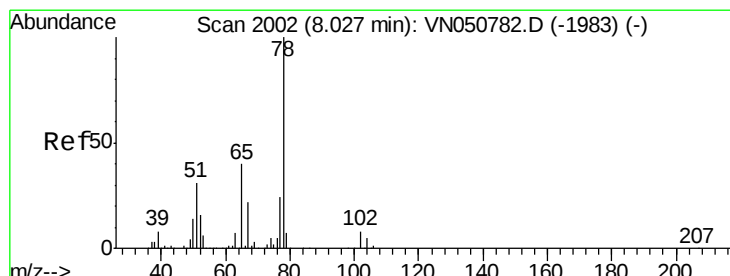
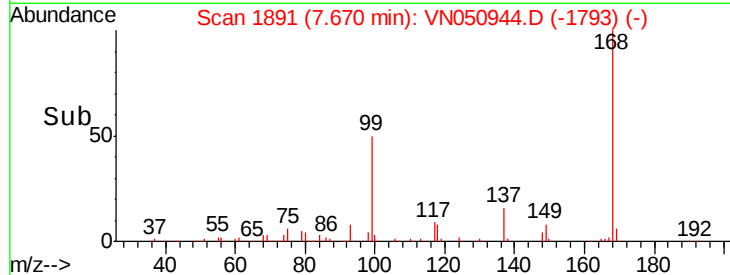
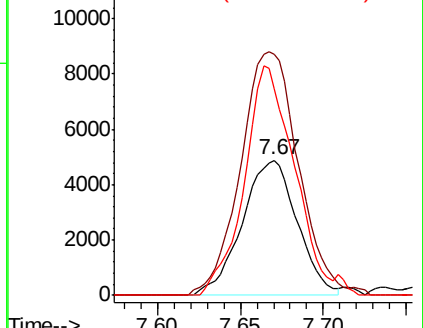
#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VN050944.D
Acq: 29 Aug 2018 12:24

Instrument :
MSVOA_N
ClientSampled :
PB112452TB

Tot Ion: 56 Resp: 11289
Ion Ratio Lower Upper
56 100
69 179.0 26.2 39.4#
84 152.9 68.3 102.5#

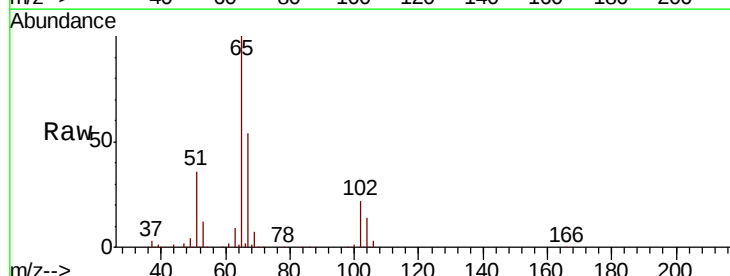


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

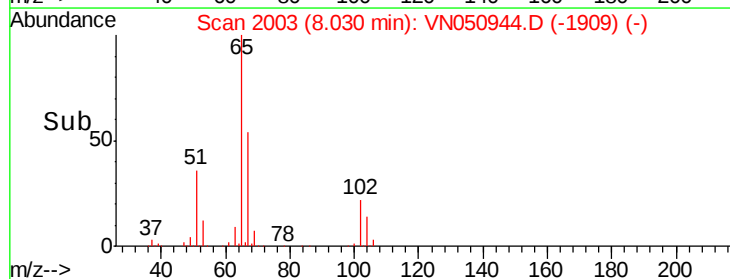
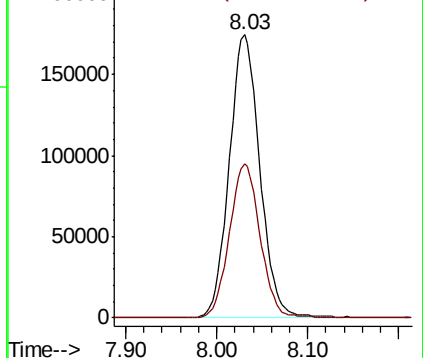


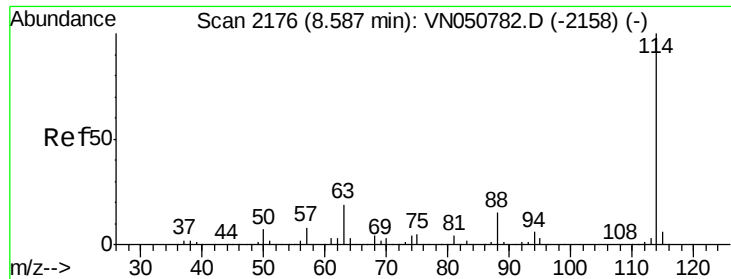
#33
1,2-Dichloroethane-d4
Concen: 52.74 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050944.D
Acq: 29 Aug 2018 12:24

Tgt Ion: 65 Resp: 407576
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.4



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

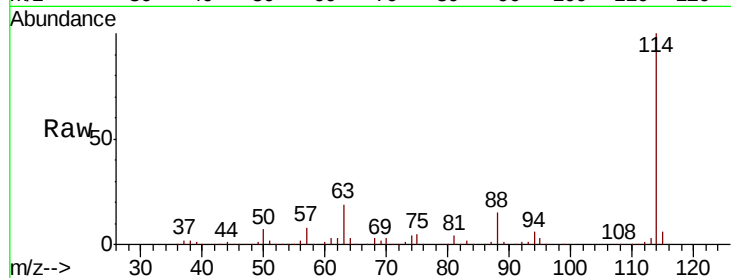




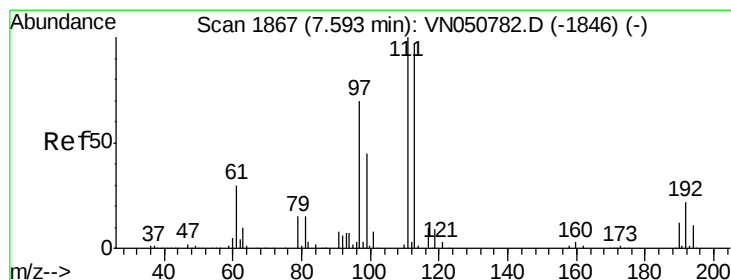
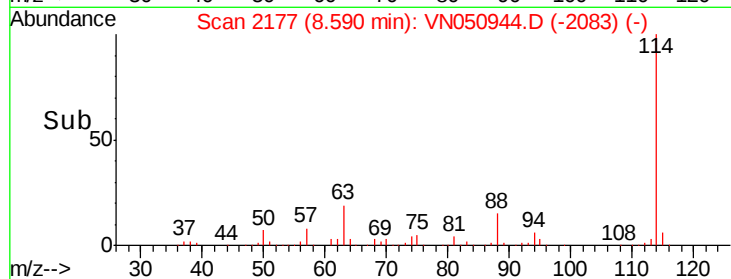
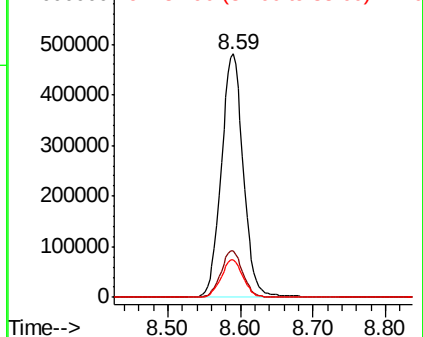
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050944.D
 Acq: 29 Aug 2018 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112452TB

Tot Ion:114 Resp: 1012641
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.6
 88 15.2 0.0 30.6

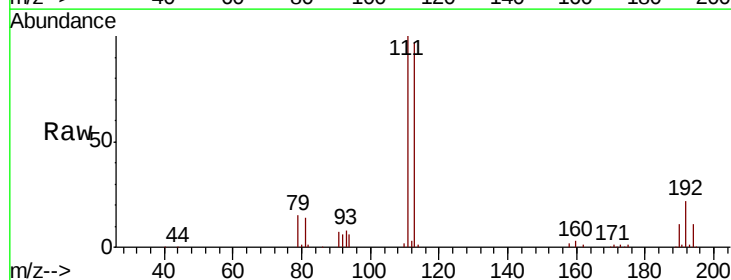


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

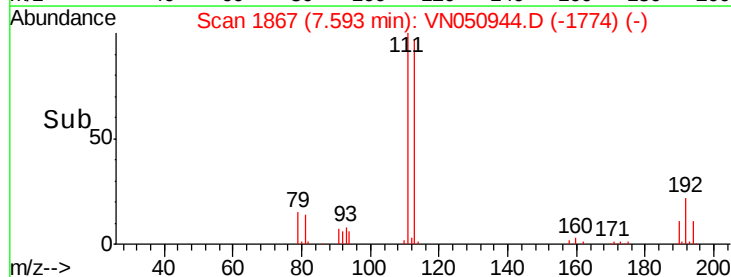
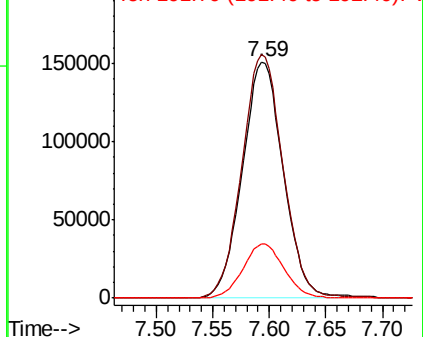


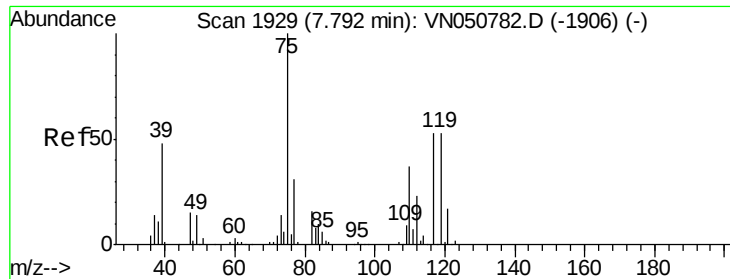
#35
 Dibromofluoromethane
 Concen: 47.05 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050944.D
 Acq: 29 Aug 2018 12:24

Tgt Ion:113 Resp: 379007
 Ion Ratio Lower Upper
 113 100
 111 104.5 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

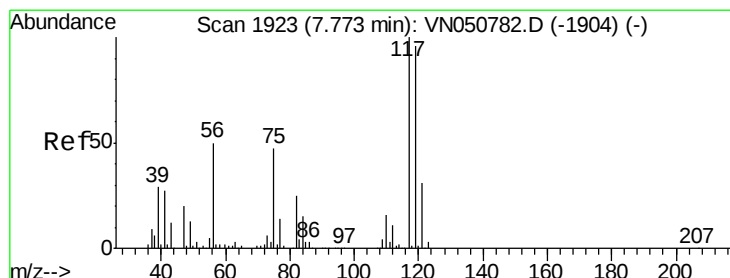
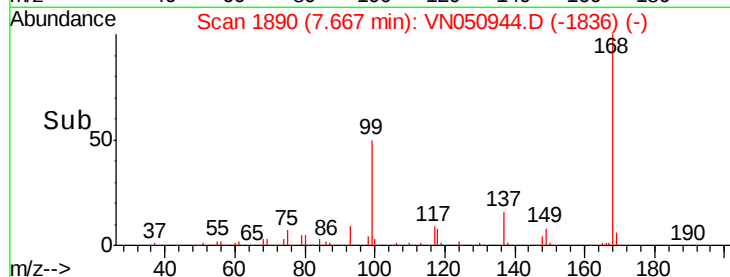
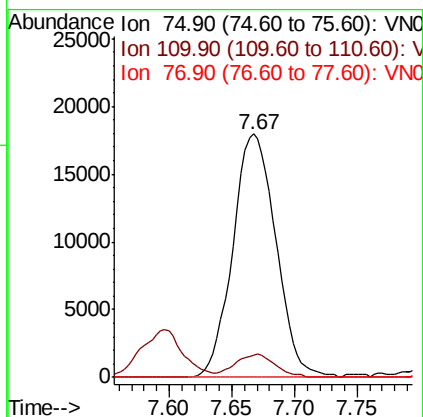
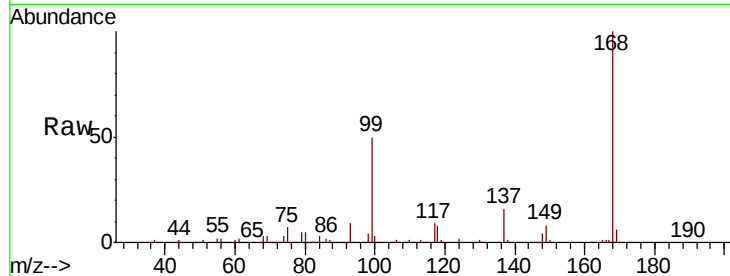




#36
 1,1-Dichloropropene
 Concen: 3.59 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050944.D
 Acq: 29 Aug 2018 12:24

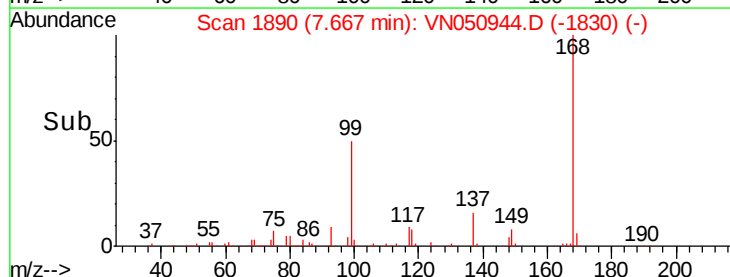
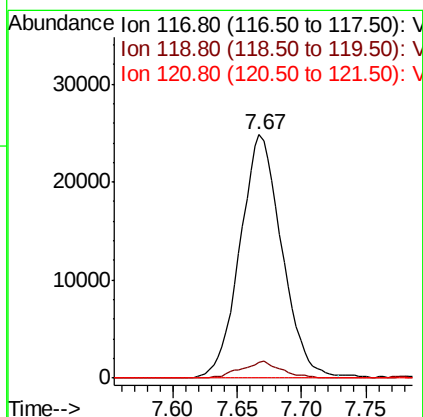
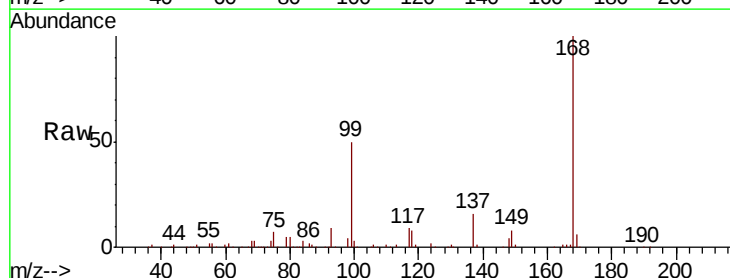
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112452TB

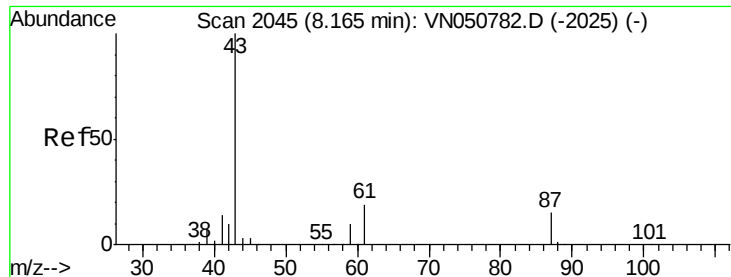
Tot Ion	75	Resp	42951
Ion Ratio	Lower	Upper	
75	100		
110	9.0	18.1	54.4#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 4.64 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050944.D
 Acq: 29 Aug 2018 12:24

Tgt Ion	117	Resp	56065
Ion Ratio	Lower	Upper	
117	100		
119	6.7	76.3	114.5#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 24.52 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050944.D

Acq: 29 Aug 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

PB112452TB

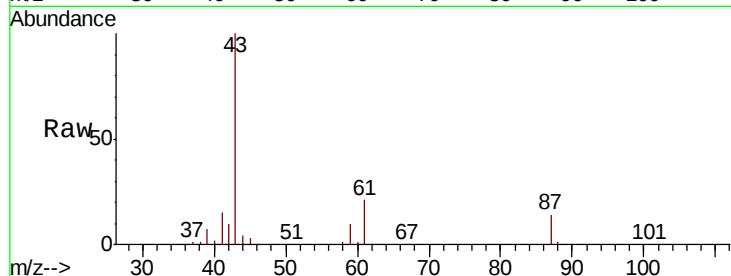
Tot Ion: 43 Resp: 289420

Ion Ratio Lower Upper

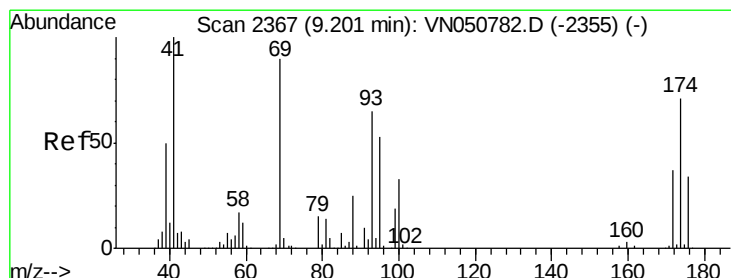
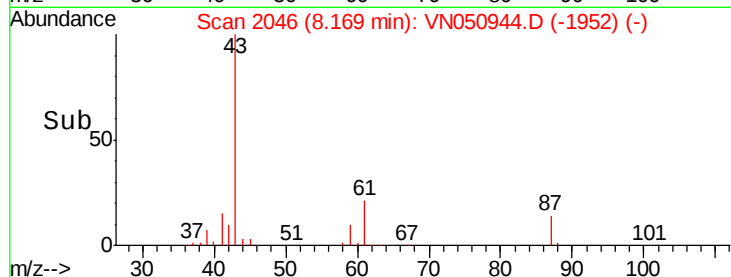
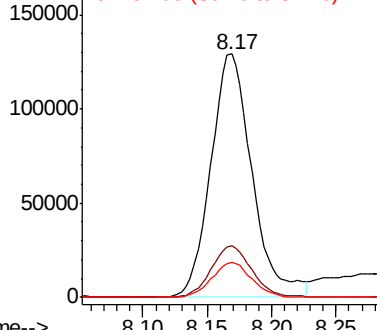
43 100

61 20.7 17.5 26.3

87 13.7 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 1.55 ug/l

RT: 9.18 min Scan# 2361

Delta R.T. -0.02 min

Lab File: VN050944.D

Acq: 29 Aug 2018 12:24

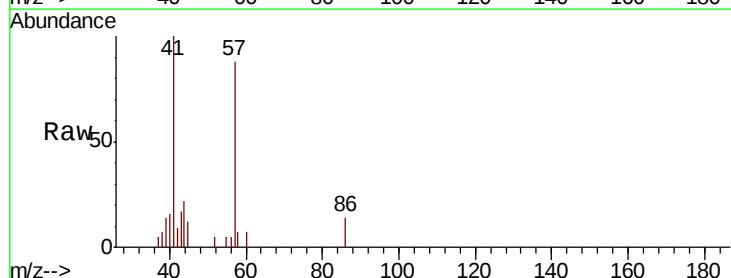
Tgt Ion: 41 Resp: 9305

Ion Ratio Lower Upper

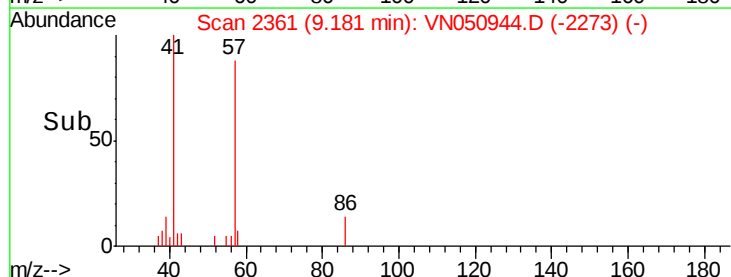
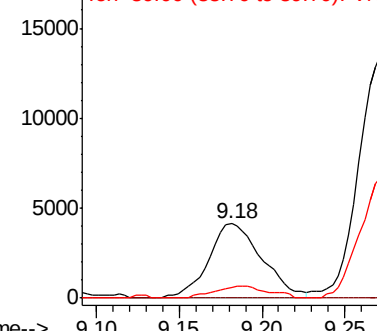
41 100

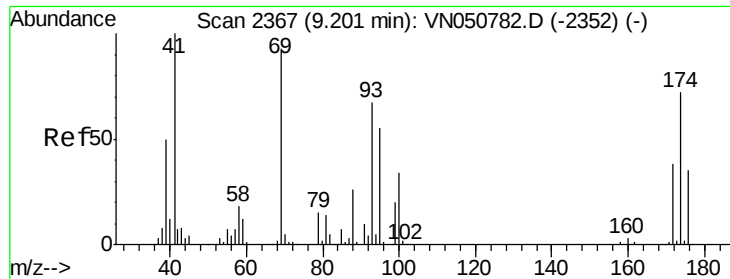
69 0.0 74.7 112.1#

39 16.3 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





#49

1,4-Dioxane

Concen: 0.38 ug/l

RT: 9.27 min Scan# 2389

Delta R.T. 0.07 min

Lab File: VN050944.D

Acq: 29 Aug 2018 12:24

Instrument :

MSVOA_N

ClientSampled :

PB112452TB

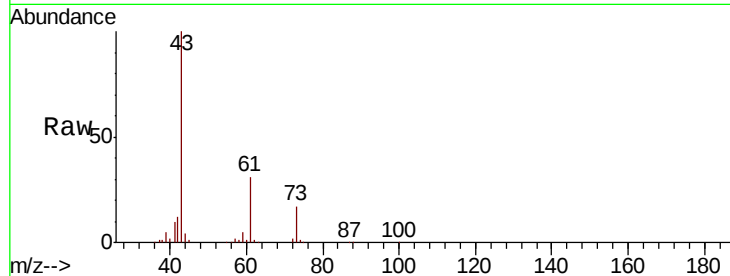
Tot Ion: 88 Resp: 31

Ion Ratio Lower Upper

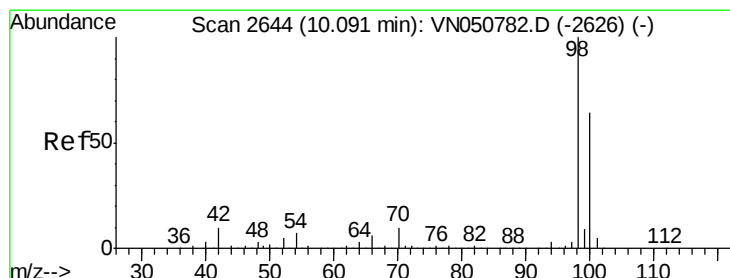
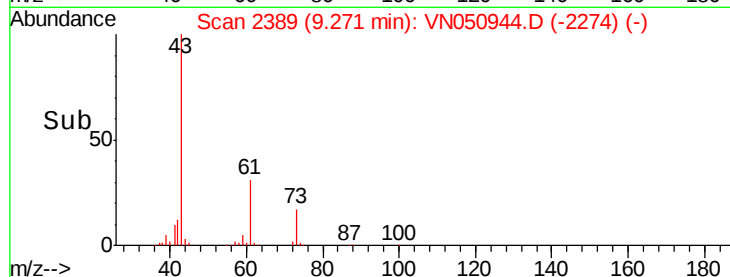
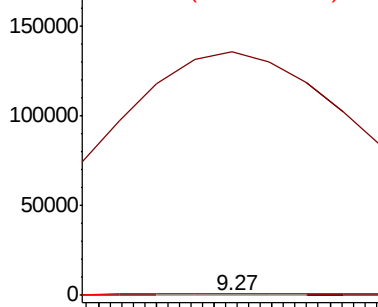
88 100

43 854358.1 25.9 38.9#

58 7829.0 55.0 82.4#



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



#50

Toluene-d8

Concen: 46.72 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050944.D

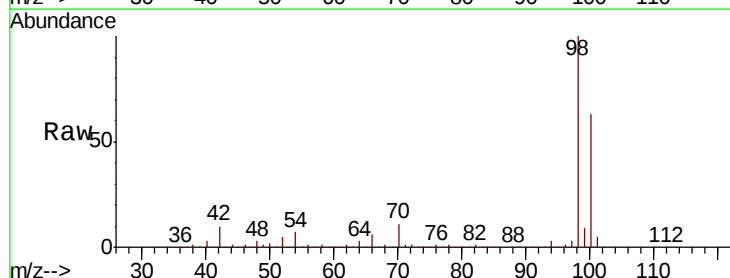
Acq: 29 Aug 2018 12:24

Tgt Ion: 98 Resp: 1407123

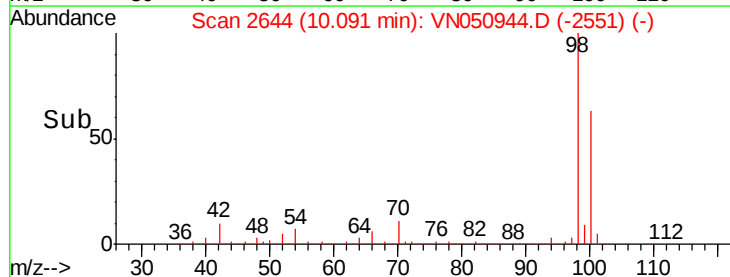
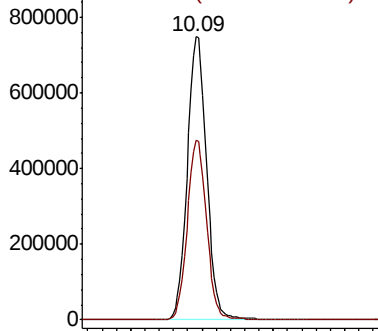
Ion Ratio Lower Upper

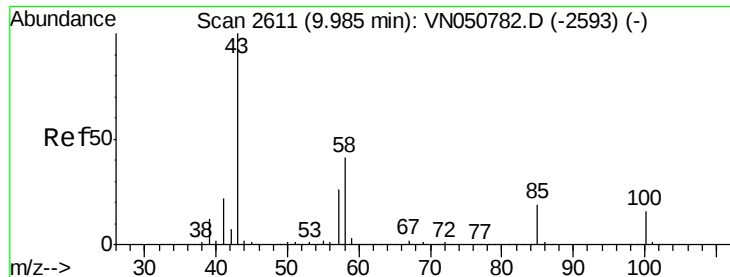
98 100

100 63.4 51.5 77.3



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





#51

4-Methyl-2-Pentanone

Concen: 0.50 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN050944.D

Acq: 29 Aug 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

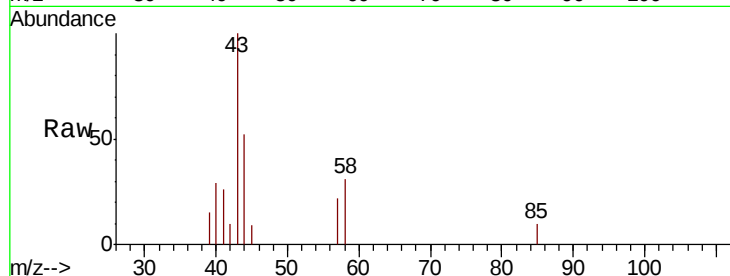
PB112452TB

Tot Ion: 43 Resp: 3492

Ion Ratio Lower Upper

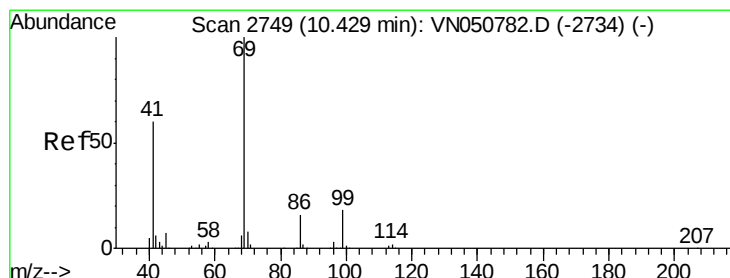
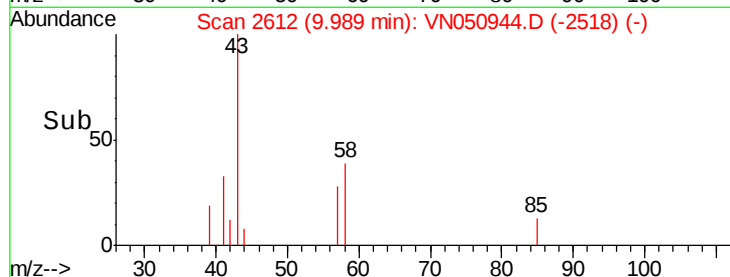
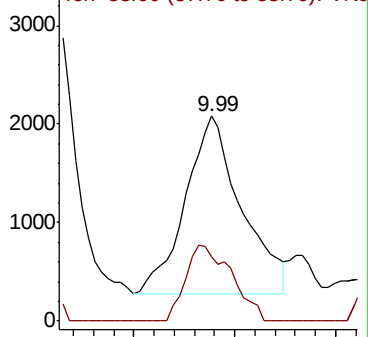
43 100

58 35.2 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN050782.D (-2593) (-)

Ion 58.00 (57.70 to 58.70): VN050782.D (-2593) (-)



#56

Ethyl methacrylate

Concen: 2.37 ug/l

RT: 10.44 min Scan# 2751

Delta R.T. 0.01 min

Lab File: VN050944.D

Acq: 29 Aug 2018 12:24

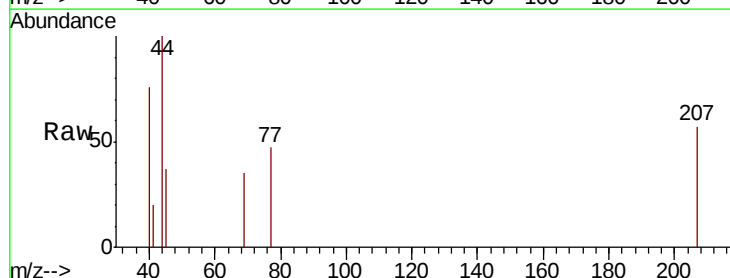
Tgt Ion: 69 Resp: 243

Ion Ratio Lower Upper

69 100

41 103.7 48.3 72.5#

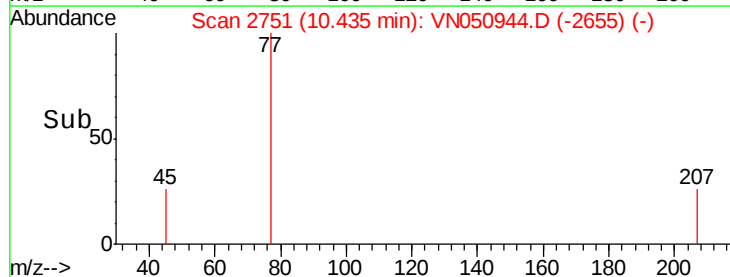
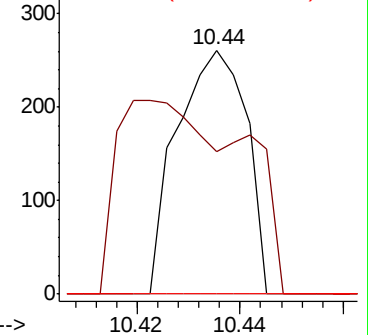
39 0.0 24.0 36.0#

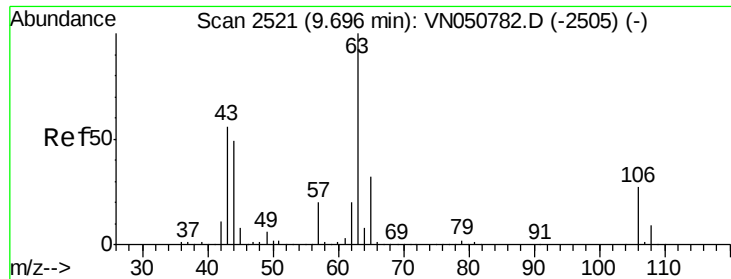


Abundance Ion 69.00 (68.70 to 69.70): VN050782.D (-2734) (-)

Ion 41.00 (40.70 to 41.70): VN050782.D (-2734) (-)

Ion 39.00 (38.70 to 39.70): VN050782.D (-2734) (-)

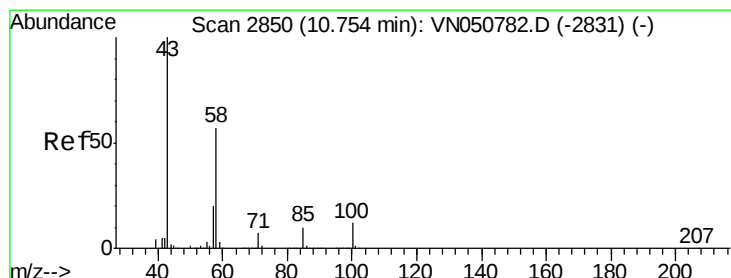
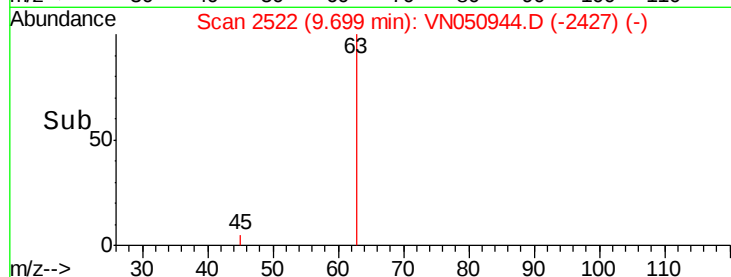
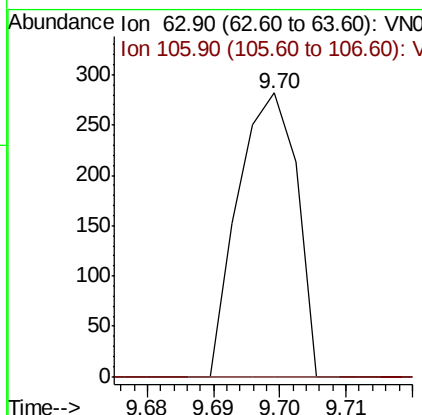
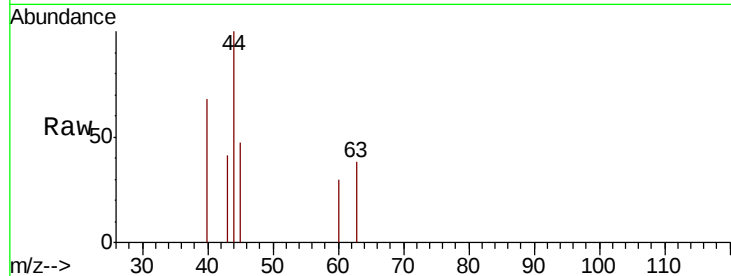




#58
2-Chloroethyl Vinyl ether
Concen: 12.26 ug/l
RT: 9.70 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VN050944.D
Acq: 29 Aug 2018 12:24

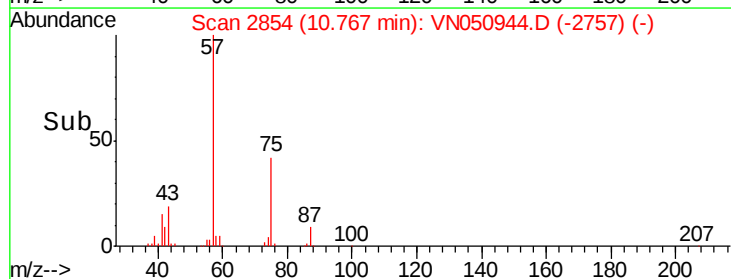
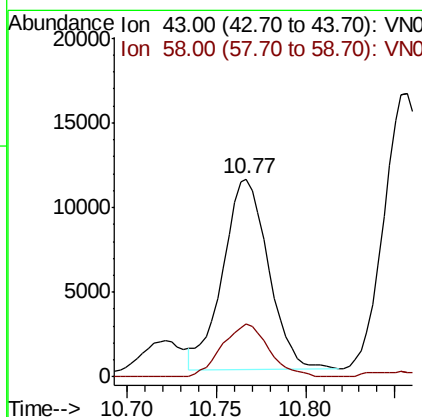
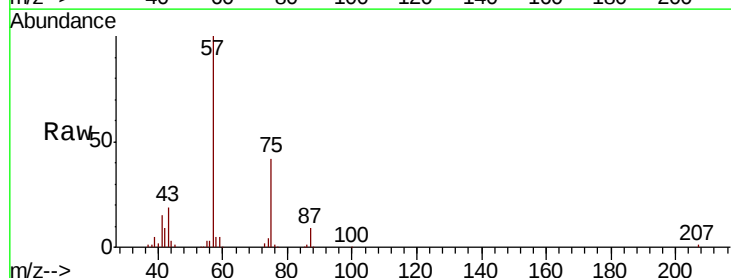
Instrument :
MSVOA_N
ClientSampled :
PB112452TB

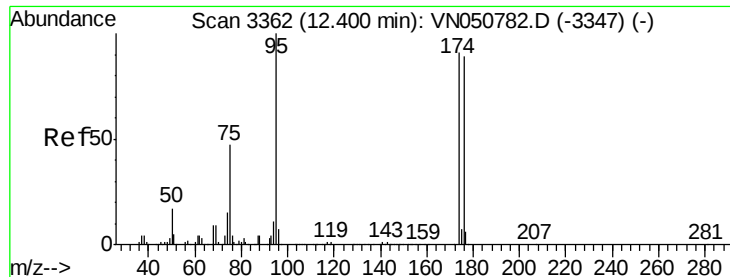
Tot Ion: 63 Resp: 173
Ion Ratio Lower Upper
63 100
106 0.0 21.9 32.9#



#59
2-Hexanone
Concen: 4.24 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050944.D
Acq: 29 Aug 2018 12:24

Tgt Ion: 43 Resp: 19875
Ion Ratio Lower Upper
43 100
58 28.9 28.3 85.0





#62

4-Bromofluorobenzene

Concen: 37.96 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050944.D

Acq: 29 Aug 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

PB112452TB

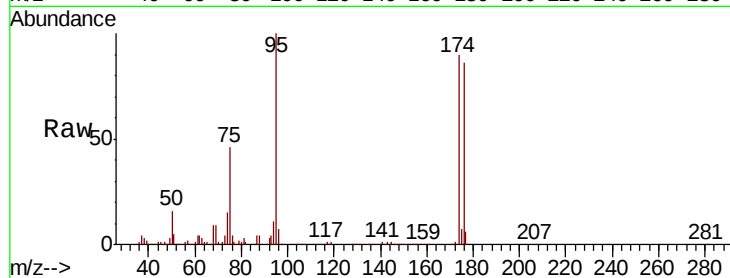
Tot Ion: 95 Resp: 379919

Ion Ratio Lower Upper

95 100

174 92.1 0.0 183.0

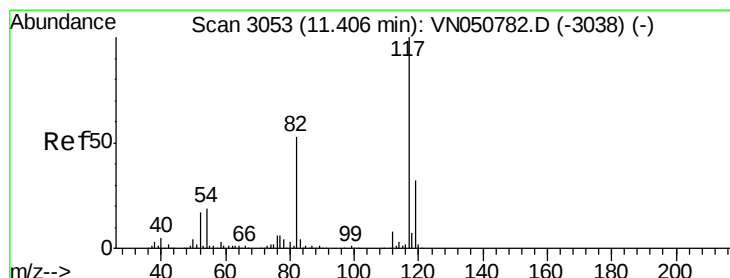
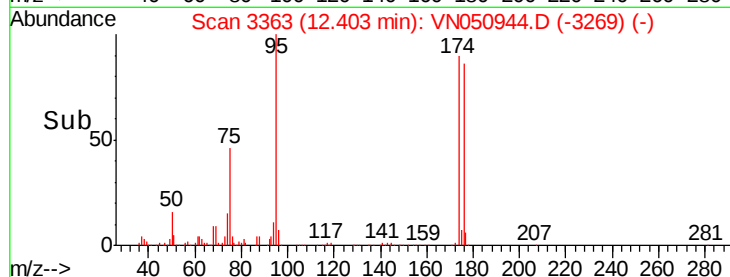
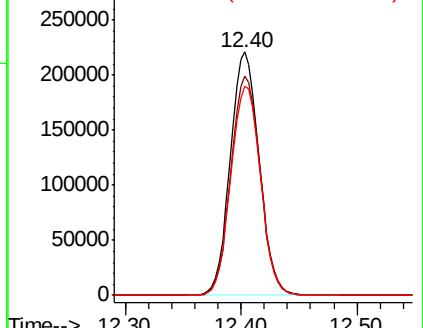
176 88.0 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050944.D

Acq: 29 Aug 2018 12:24

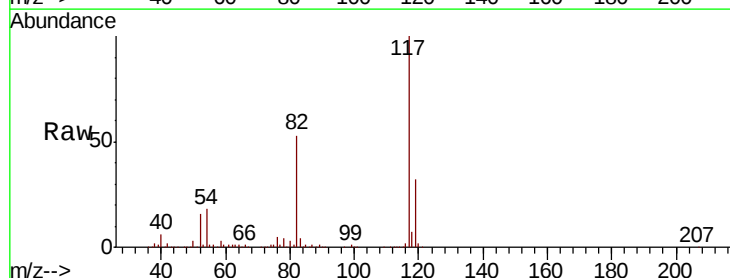
Tgt Ion: 117 Resp: 874377

Ion Ratio Lower Upper

117 100

82 52.9 42.6 64.0

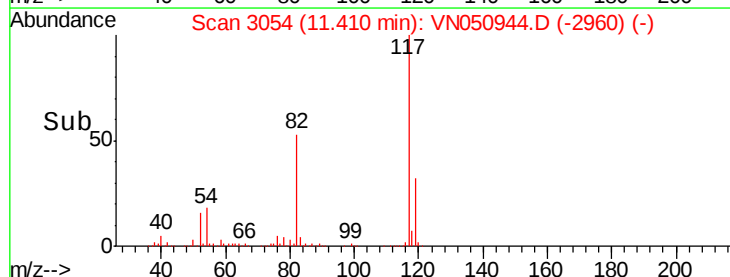
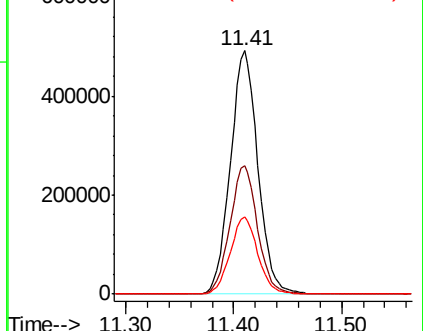
119 31.7 25.8 38.6

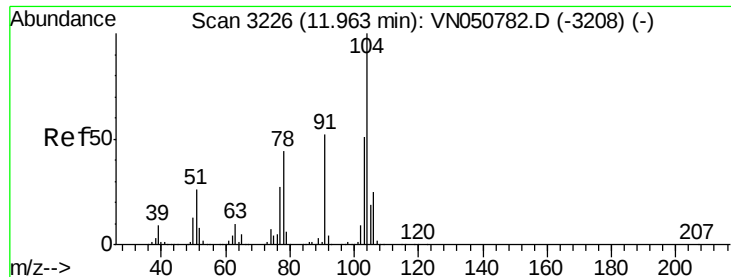


Abundance Ion 116.90 (116.60 to 117.60): VN050782.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050782.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050782.D (-3038) (-)

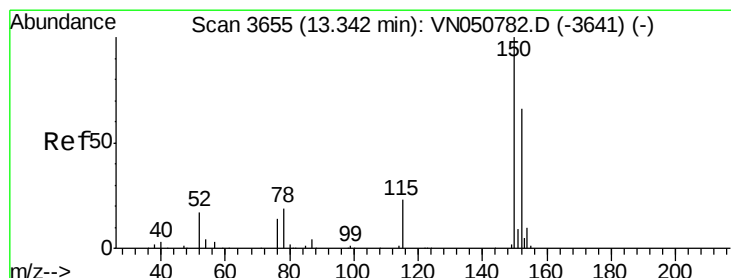
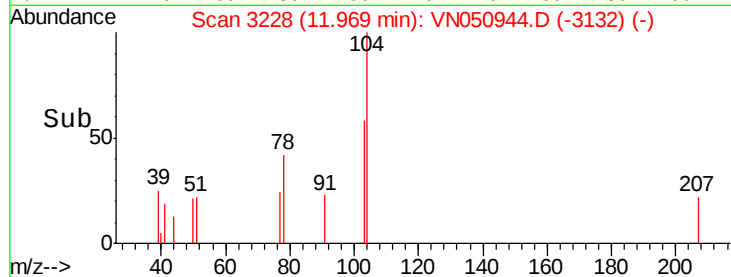
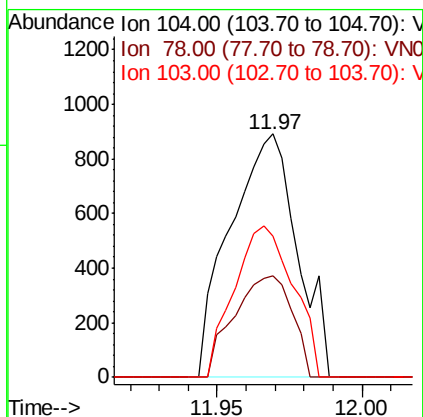
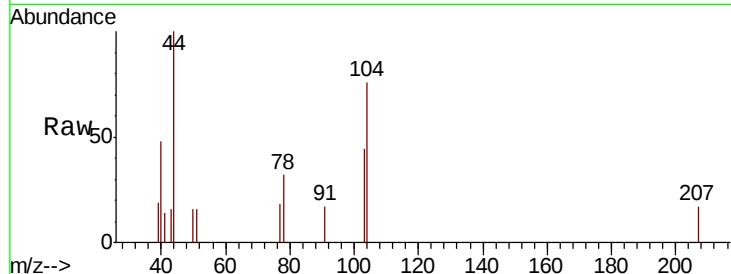




#70
Stvrene
Concen: 1.33 ug/l
RT: 11.97 min Scan# 3228
Delta R.T. 0.01 min
Lab File: VN050944.D
Acq: 29 Aug 2018 12:24

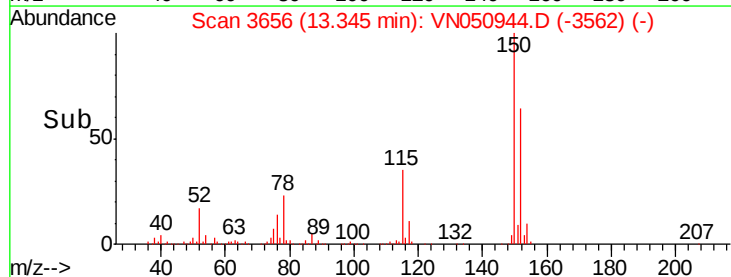
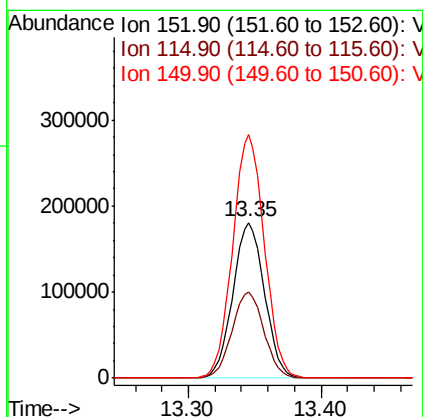
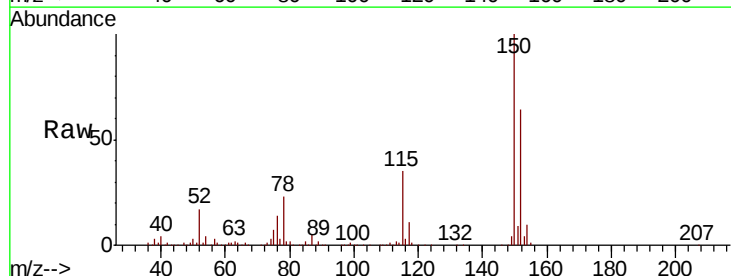
Instrument :
MSVOA_N
ClientSampleId :
PB112452TB

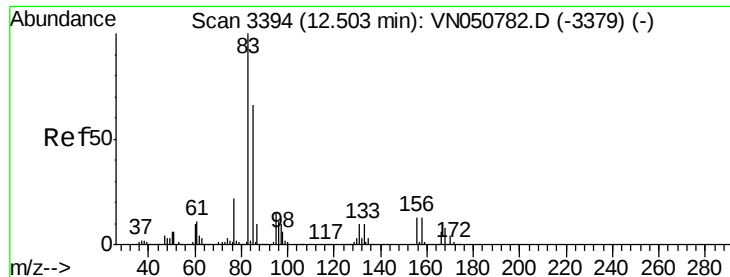
Tot Ion:104 Resp: 1436
Ion Ratio Lower Upper
104 100
78 36.1 38.2 57.4#
103 54.7 44.4 66.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050944.D
Acq: 29 Aug 2018 12:24

Tgt Ion:152 Resp: 299145
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.4
150 156.6 0.0 351.4





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050944.D

Acq: 29 Aug 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

PB112452TB

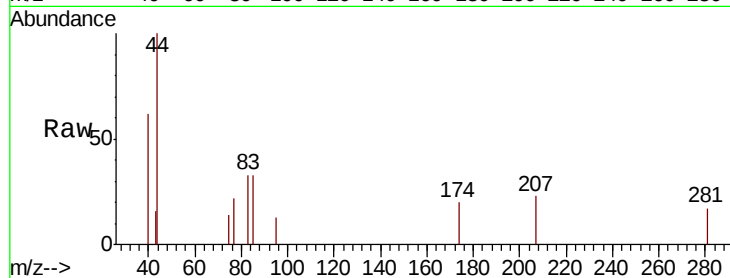
Tot Ion: 83 Resp: 530

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

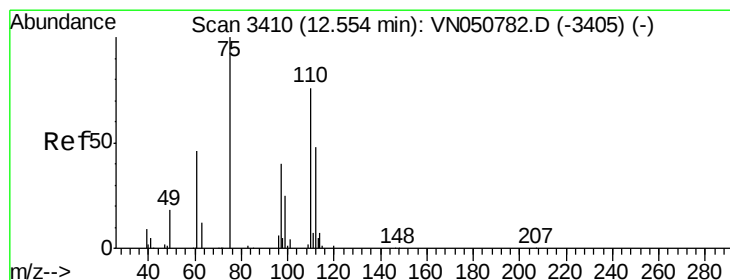
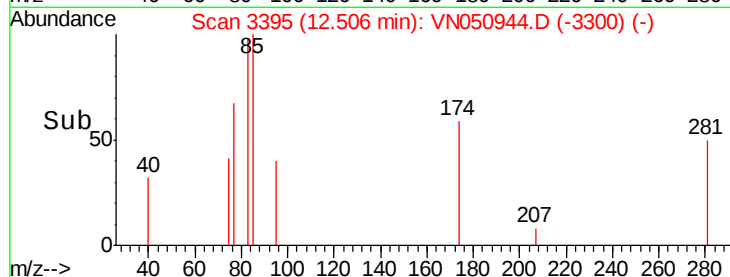
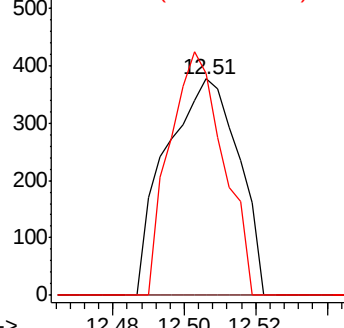
85 83.2 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 33.92 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050944.D

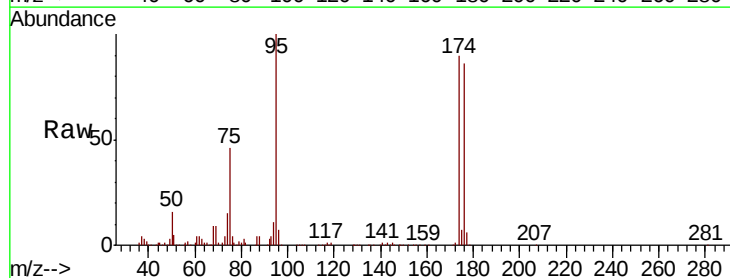
Acq: 29 Aug 2018 12:24

Tgt Ion: 75 Resp: 177727

Ion Ratio Lower Upper

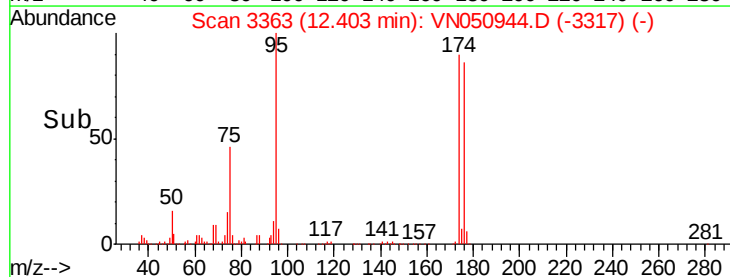
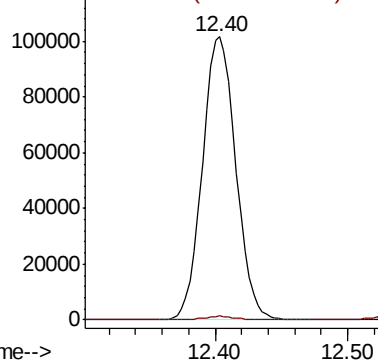
75 100

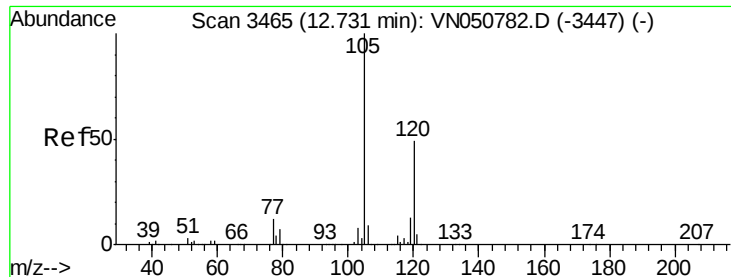
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.23 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050944.D

Acq: 29 Aug 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

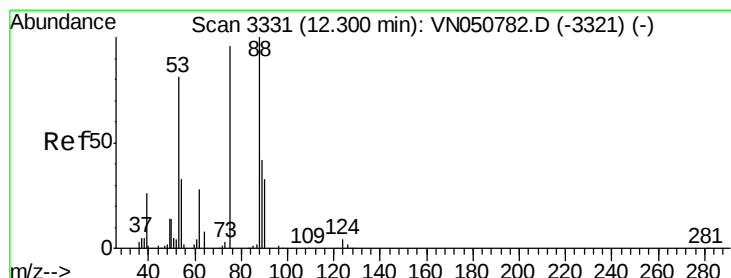
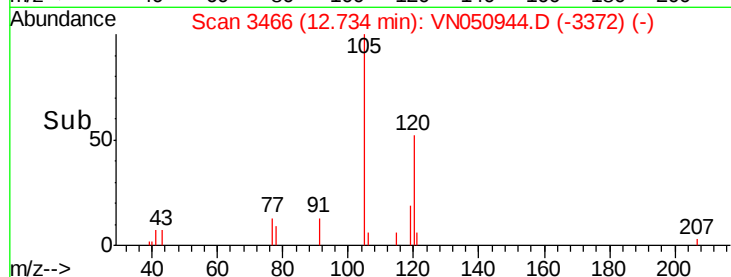
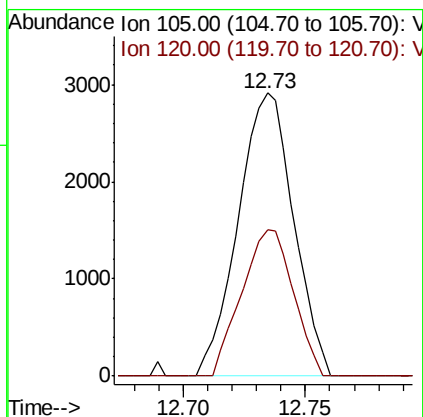
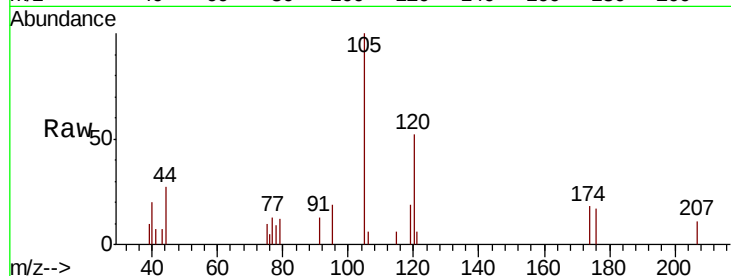
PB112452TB

Tot Ion:105 Resp: 4585

Ion Ratio Lower Upper

105 100

120 48.0 24.6 74.0



#81

trans-1,4-Dichloro-2-butene

Concen: 114.67 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050944.D

Acq: 29 Aug 2018 12:24

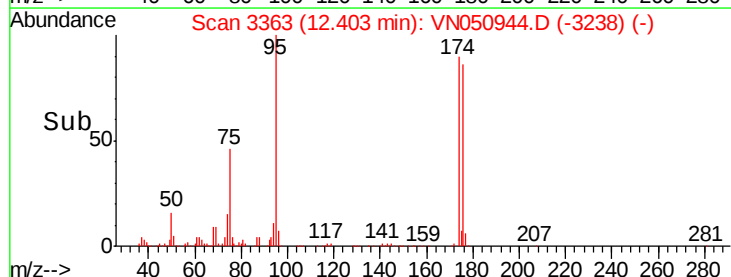
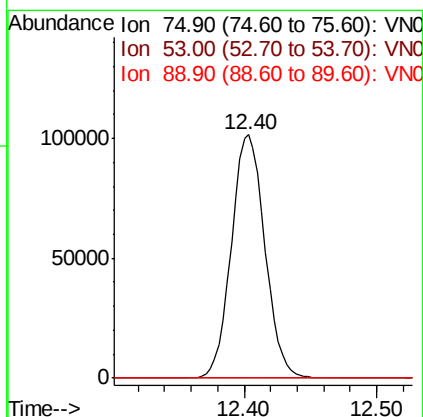
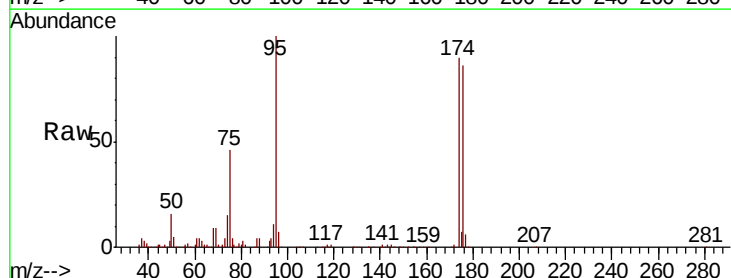
Tgt Ion: 75 Resp: 177727

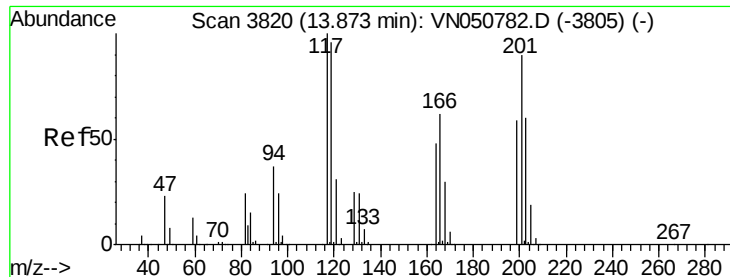
Ion Ratio Lower Upper

75 100

53 0.2 68.9 103.3#

89 0.0 36.1 54.1#





#90

Hexachloroethane

Concen: 0.21 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN050944.D

Acq: 29 Aug 2018 12:24

Instrument :

MSVOA_N

ClientSampled :

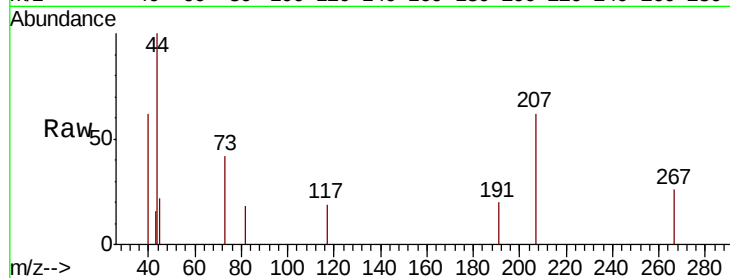
PB112452TB

Tot Ion:117 Resp: 104

Ion Ratio Lower Upper

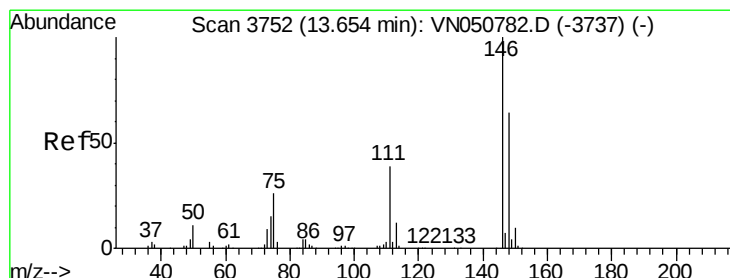
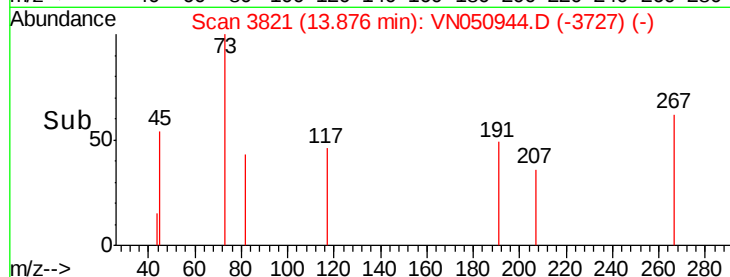
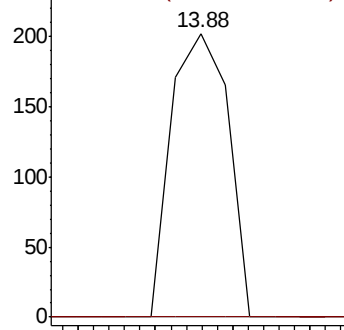
117 100

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: 0.24 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

Lab File: VN050944.D

Acq: 29 Aug 2018 12:24

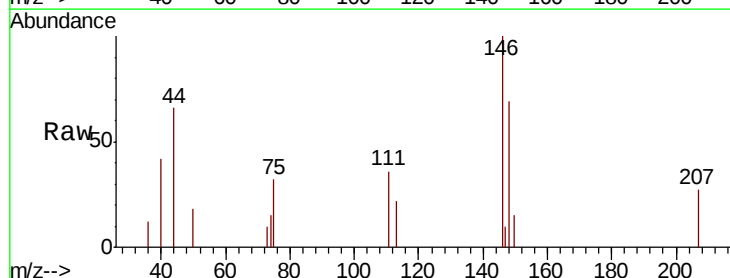
Tgt Ion:146 Resp: 2678

Ion Ratio Lower Upper

146 100

111 33.0 19.8 59.3

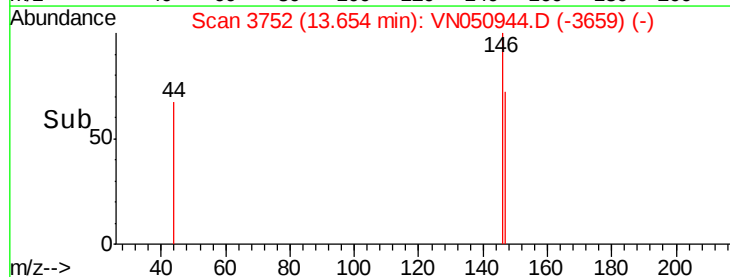
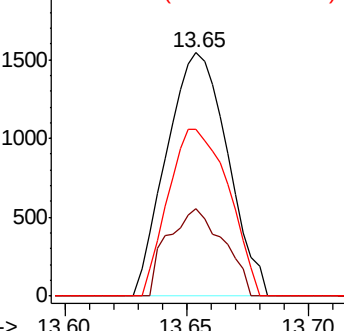
148 68.1 32.3 96.8

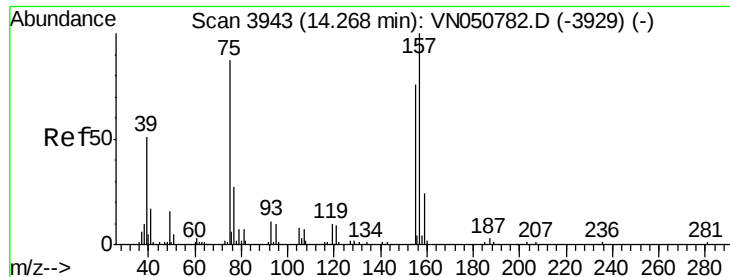


Abundance Ion 145.90 (145.60 to 146.60): V

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: 0.35 ug/l

RT: 14.26 min Scan# 3941

Delta R.T. -0.01 min

Lab File: VN050944.D

Acq: 29 Aug 2018 12:24

Instrument :

MSVOA_N

ClientSampled :

PB112452TB

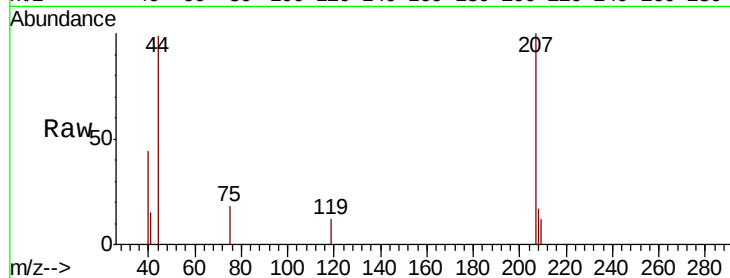
Tot Ion: 75 Resp: 308

Ion Ratio Lower Upper

75 100

155 42.2 46.4 139.1#

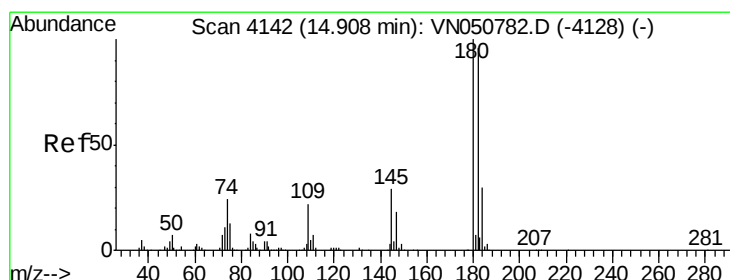
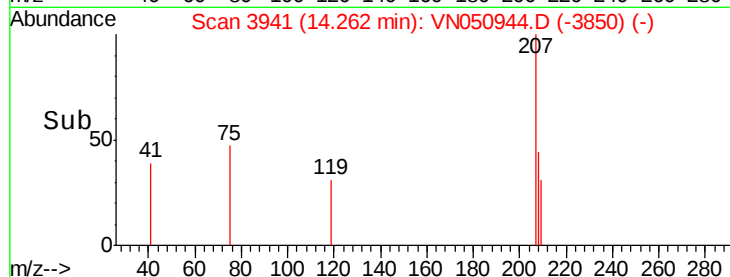
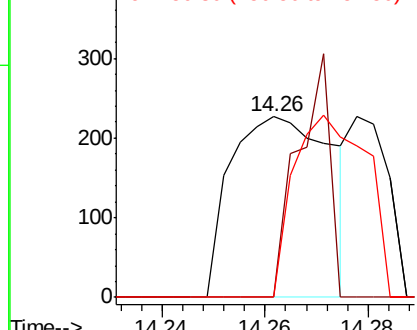
157 72.4 60.7 182.0



Abundance Ion 74.90 (74.60 to 75.60): VN050944.D (-3850) (-)

Ion 154.80 (154.50 to 155.50): VN050944.D (-3850) (-)

Ion 156.80 (156.50 to 157.50): VN050944.D (-3850) (-)



#93

1,2,4-Trichlorobenzene

Concen: 4.57 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN050944.D

Acq: 29 Aug 2018 12:24

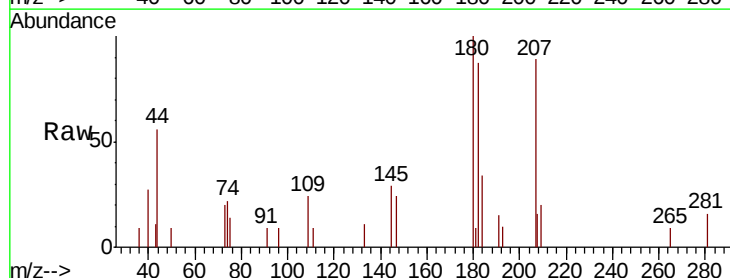
Tgt Ion: 180 Resp: 3066

Ion Ratio Lower Upper

180 100

182 102.2 48.2 144.6

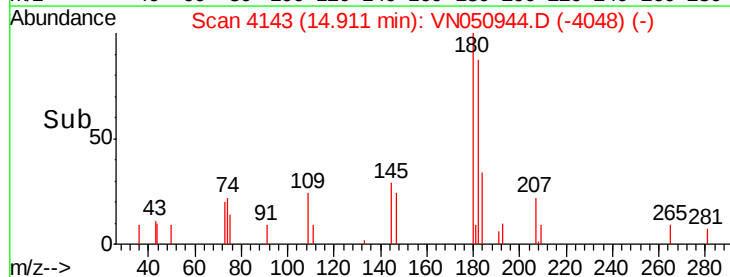
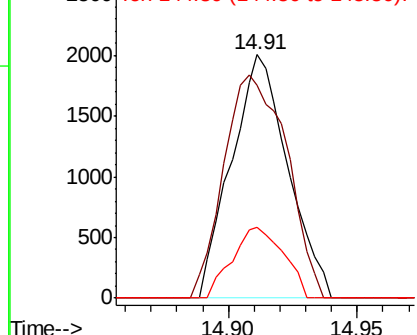
145 26.3 14.1 42.2

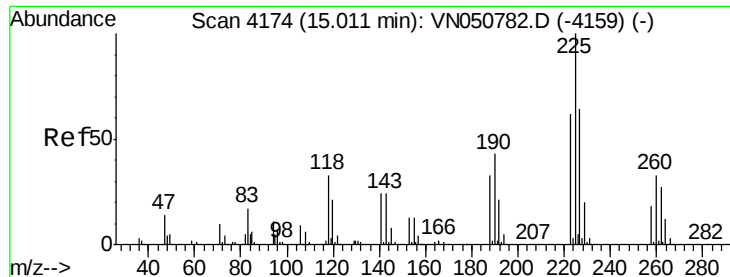


Abundance Ion 179.80 (179.50 to 180.50): VN050944.D (-4048) (-)

Ion 181.80 (181.50 to 182.50): VN050944.D (-4048) (-)

Ion 144.80 (144.50 to 145.50): VN050944.D (-4048) (-)





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4175

Delta R.T. 0.00 min

Lab File: VN050944.D

Acq: 29 Aug 2018 12:24

Instrument :

MSVOA_N

ClientSampled :

PB112452TB

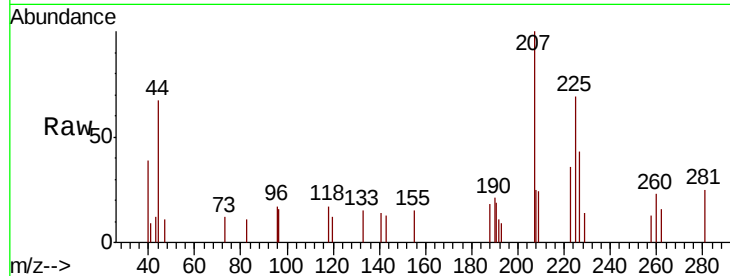
Tot Ion:225 Resp: 1815

Ion Ratio Lower Upper

225 100

223 57.2 31.3 93.8

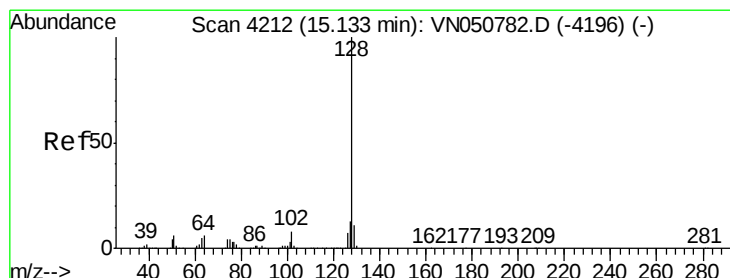
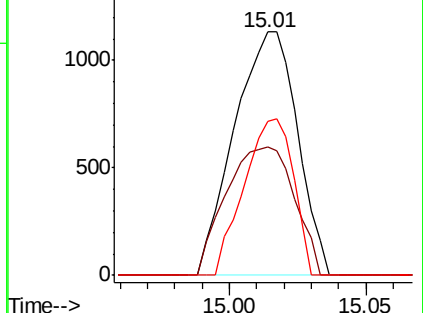
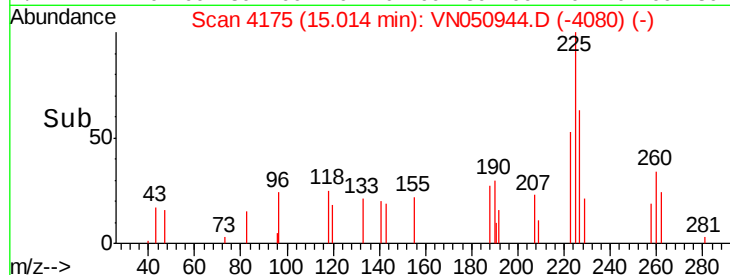
227 50.1 32.0 96.2



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: 6.10 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050944.D

Acq: 29 Aug 2018 12:24

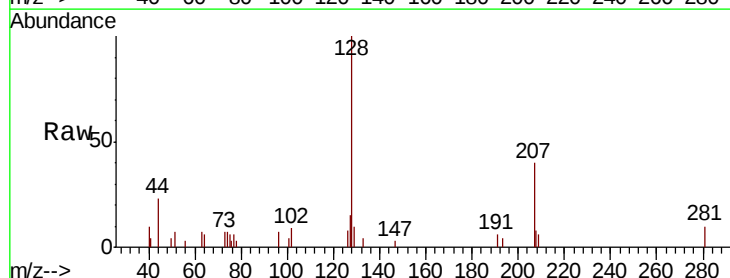
Tgt Ion:128 Resp: 9441

Ion Ratio Lower Upper

128 100

127 14.0 10.5 15.7

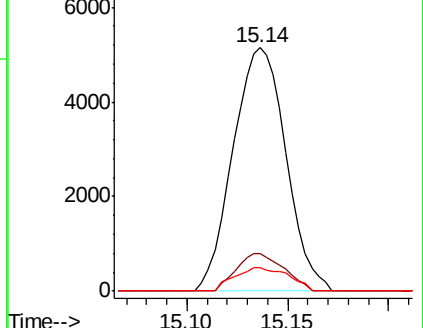
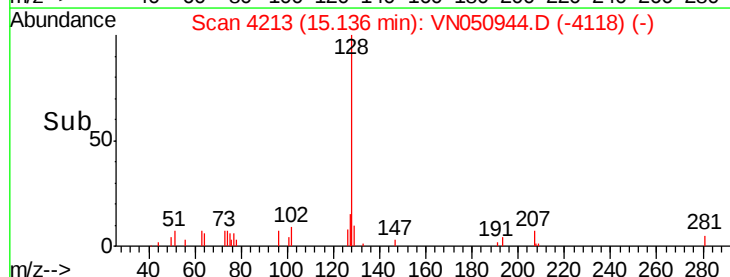
129 9.8 8.7 13.1

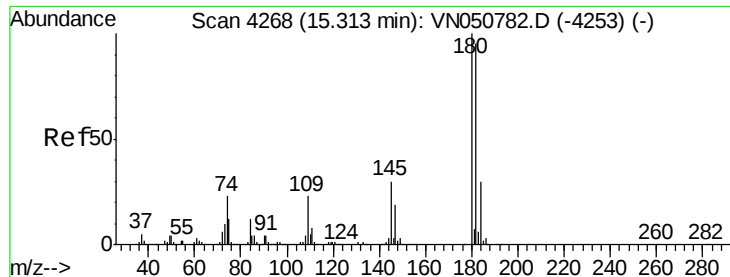


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

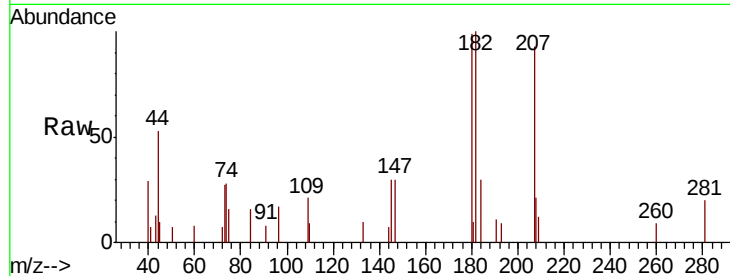




#96
 1,2,3-Trichlorobenzene
 Concen: 3.98 ug/l
 RT: 15.32 min Scan# 4269
 Delta R.T. 0.00 min
 Lab File: VN050944.D
 Acq: 29 Aug 2018 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112452TB

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.0	144.2
145	30.0	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

