

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083018\
 Data File : VN050955.D
 Acq On : 30 Aug 2018 12:08
 Operator : MD\SY
 Sample : PB112481TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112481TB

Quant Time: Aug 31 01:34:11 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	624743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	989004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	839389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	272743	50.00	ug/l	0.00

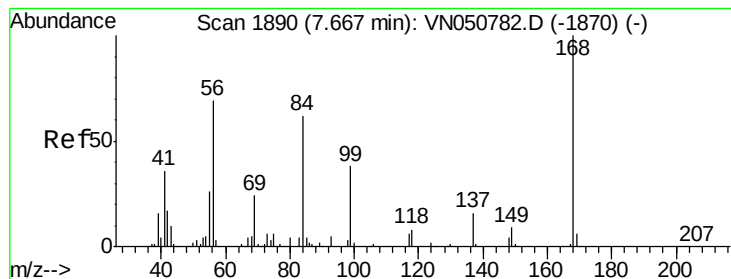
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	398344	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
35) Dibromofluoromethane	7.59	113	377459	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
50) Toluene-d8	10.09	98	1359330	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
62) 4-Bromofluorobenzene	12.40	95	357961	36.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.24%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	2518	0.24	ug/l	91
5) Bromomethane	2.57	94	3031	Below	Cal	94
10) Methyl Iodide	3.96	142	1357	6.51	ug/l #	59
16) Acetone	3.83	43	13972	0.80	ug/l	97
17) Carbon Disulfide	4.05	76	5000	0.21	ug/l	97
18) Methyl Acetate	4.34	43	10277	1.45	ug/l #	69
20) Methylene Chloride	4.56	84	47667	5.62	ug/l	97
25) 2-Butanone	6.85	43	2899	0.96	ug/l	90
29) Tetrahydrofuran	7.23	42	1026	0.59	ug/l #	84
31) Cyclohexane	7.67	56	10504	1.28	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	42658	3.66	ug/l #	49
38) Carbon Tetrachloride	7.67	117	54414	4.61	ug/l #	16
43) Isopropyl Acetate	8.17	43	263698	22.88	ug/l	98
48) Methyl methacrylate	9.18	41	8551	1.46	ug/l #	20
51) 4-Methyl-2-Pentanone	9.99	43	2252	0.33	ug/l	88
56) Ethyl methacrylate	10.43	69	100	2.36	ug/l #	1
59) 2-Hexanone	10.76	43	18400	4.02	ug/l	61
70) Styrene	11.97	104	1269	1.32	ug/l #	85
71) Bromoform	12.40	173	2774	0.50	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.51	83	493	Below	Cal #	50
76) 1,2,3-Trichloropropane	12.40	75	167335	35.03	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	3759	0.21	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	167335	118.42	ug/l #	15
88) 1,4-Dichlorobenzene	13.29	146	2051	0.20	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	2316	0.23	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.27	75	236	0.29	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.91	180	2843	4.58	ug/l	99
94) Hexachlorobutadiene	15.01	225	1571	Below	Cal	85
95) Naphthalene	15.14	128	6721	5.95	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	3356	3.94	ug/l	96

(#) = 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: VN050955.D

Acq: 30 Aug 2018 12:08

Instrument :

MSVOA_N

ClientSampled :

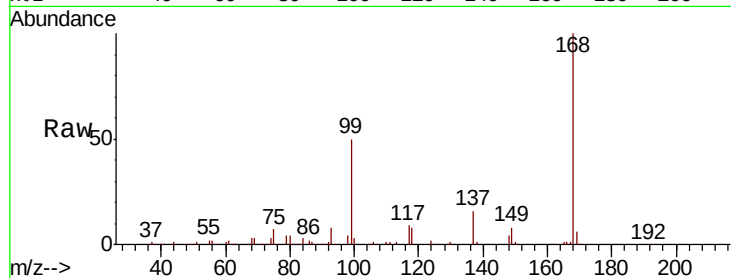
PB112481TB

Tot Ion:168 Resp: 624743

Ion Ratio Lower Upper

168 100

99 49.6 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050955.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050955.D (-1797) (-)

7.67

250000

200000

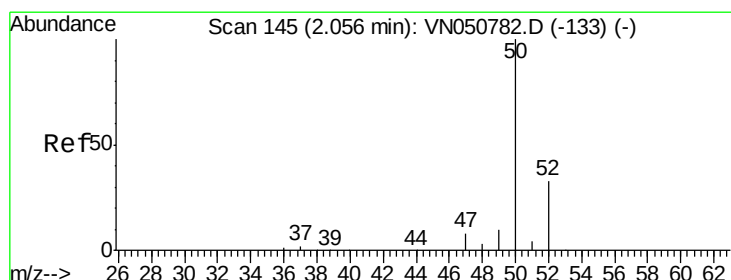
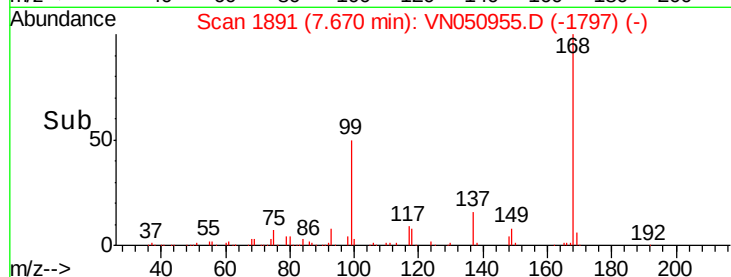
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.24 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050955.D

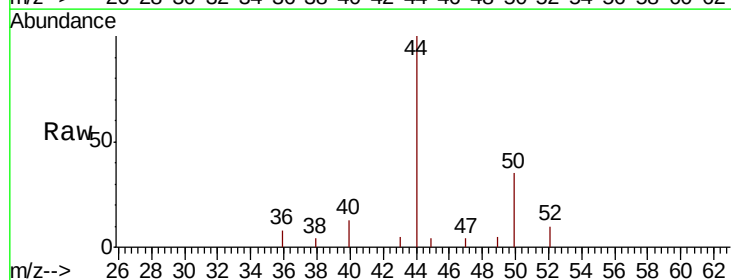
Acq: 30 Aug 2018 12:08

Tgt Ion: 50 Resp: 2518

Ion Ratio Lower Upper

50 100

52 27.9 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN050955.D (-52) (-)

Ion 51.90 (51.60 to 52.60): VN050955.D (-52) (-)

2000

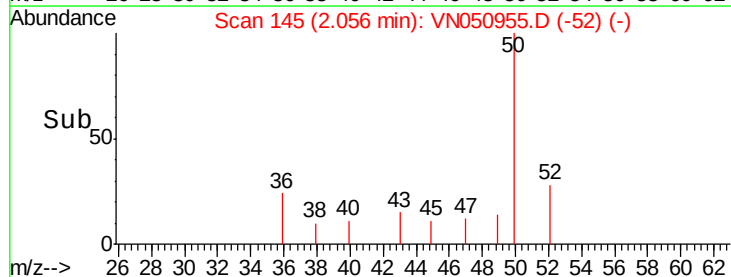
1500

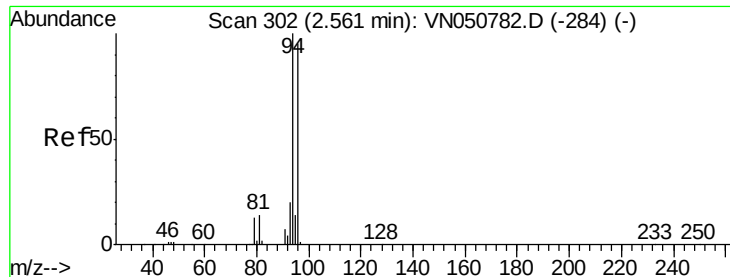
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050955.D

Acq: 30 Aug 2018 12:08

Instrument :

MSVOA_N

ClientSampleId :

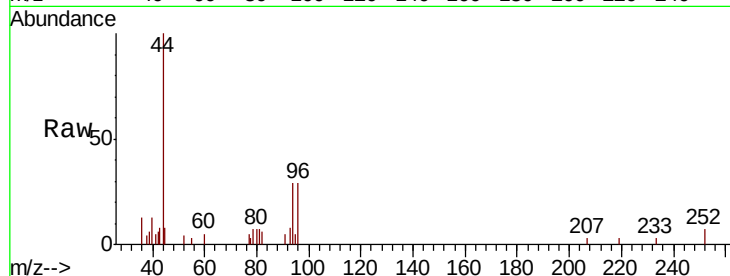
PB112481TB

Tot Ion: 94 Resp: 3031

Ion Ratio Lower Upper

94 100

96 100.8 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN050955.D (-284) (-)

Ion 95.90 (95.60 to 96.60): VN050955.D (-284) (-)

Time-->

2.57

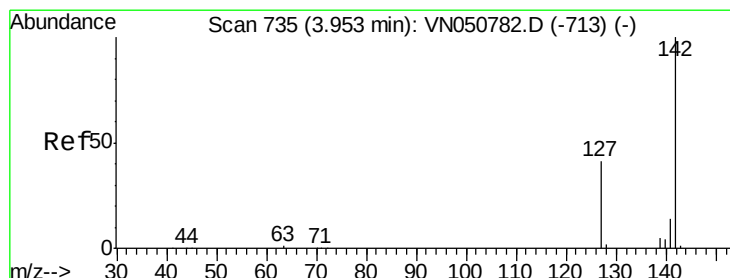
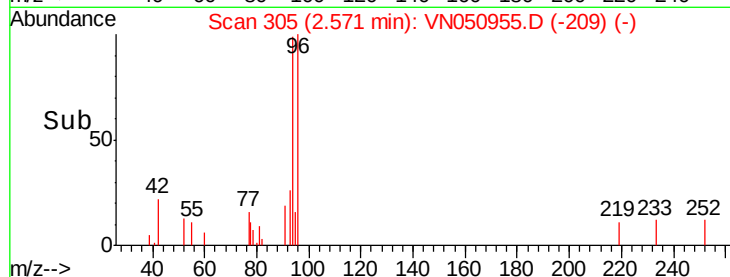
1500

1000

500

0

2.50 2.55 2.60



#10

Methyl Iodide

Concen: 6.51 ug/l

RT: 3.96 min Scan# 737

Delta R.T. 0.01 min

Lab File: VN050955.D

Acq: 30 Aug 2018 12:08

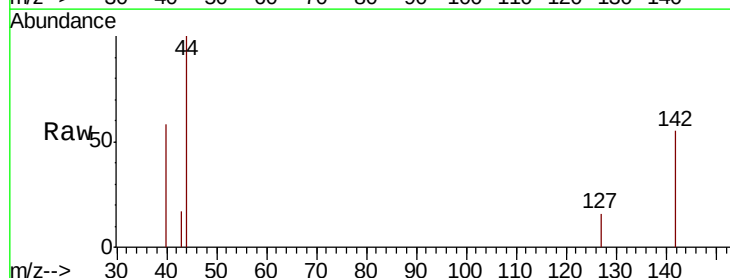
Tgt Ion: 142 Resp: 1357

Ion Ratio Lower Upper

142 100

127 13.1 31.7 47.5#

141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): VN050955.D (-713) (-)

Ion 126.80 (126.50 to 127.50): VN050955.D (-713) (-)

Ion 140.80 (140.50 to 141.50): VN050955.D (-713) (-)

Time-->

3.96

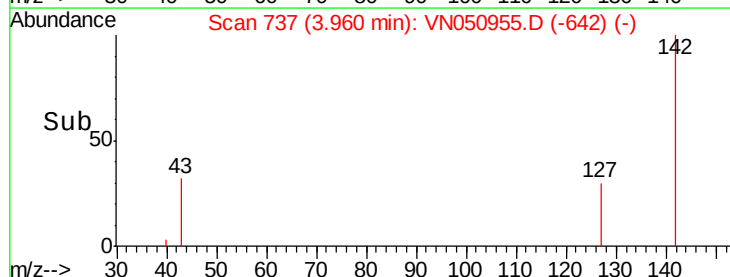
600

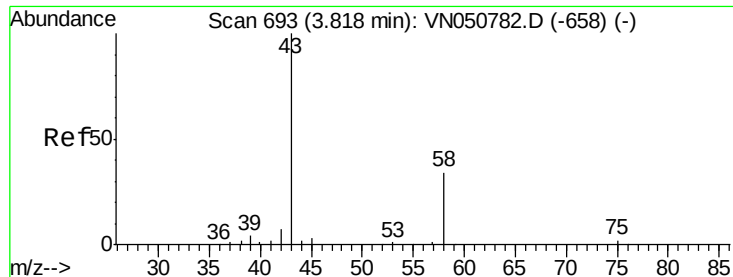
400

200

0

3.90 3.95 4.00





#16

Acetone

Concen: 0.80 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050955.D

Acq: 30 Aug 2018 12:08

Instrument :

MSVOA_N

ClientSampled :

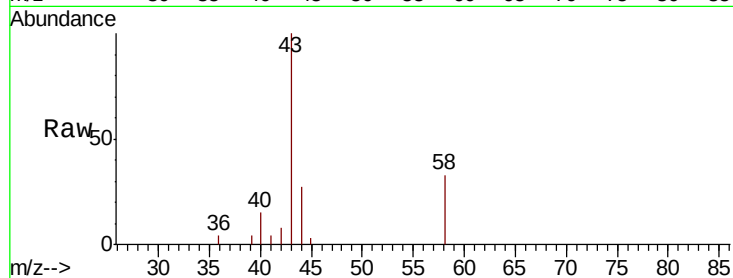
PB112481TB

Tot Ion: 43 Resp: 13972

Ion Ratio Lower Upper

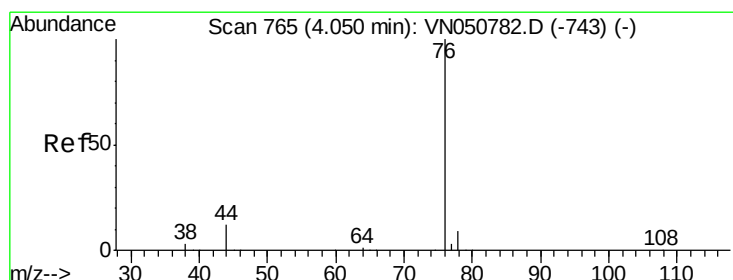
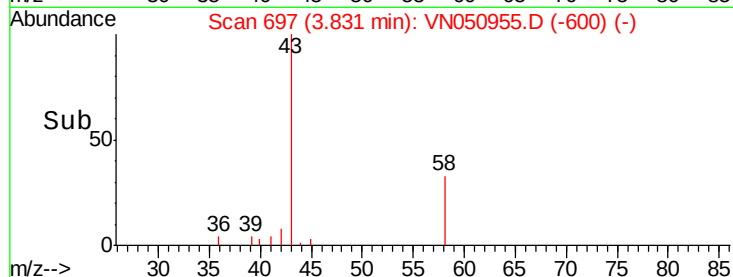
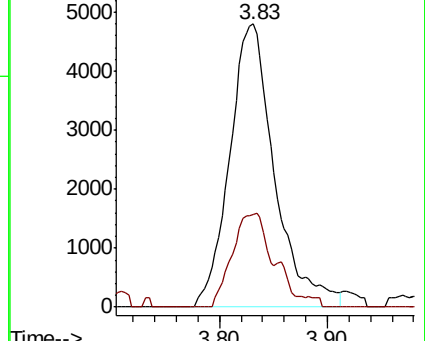
43 100

58 32.5 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.21 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN050955.D

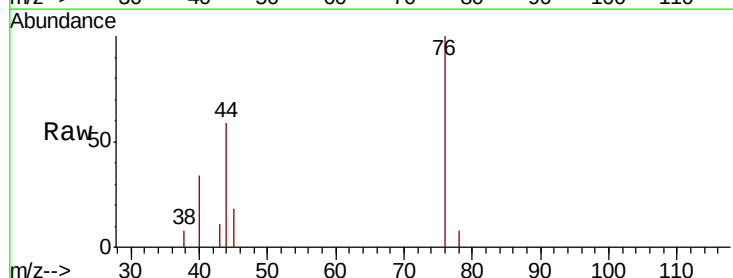
Acq: 30 Aug 2018 12:08

Tgt Ion: 76 Resp: 5000

Ion Ratio Lower Upper

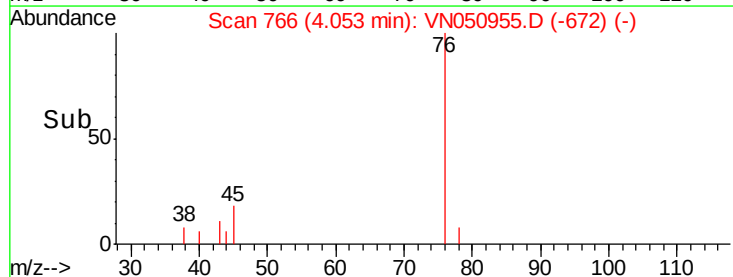
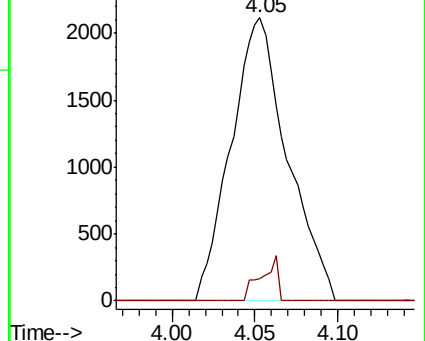
76 100

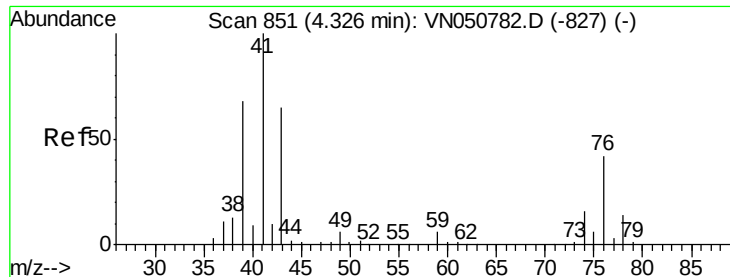
78 7.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

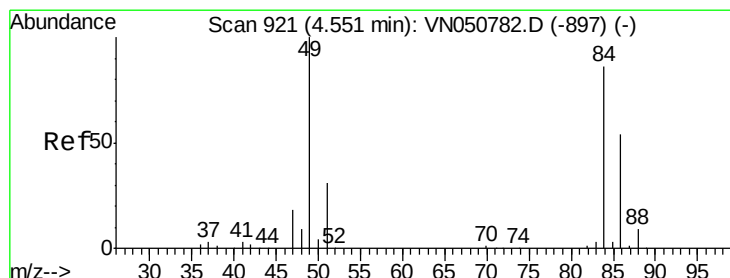
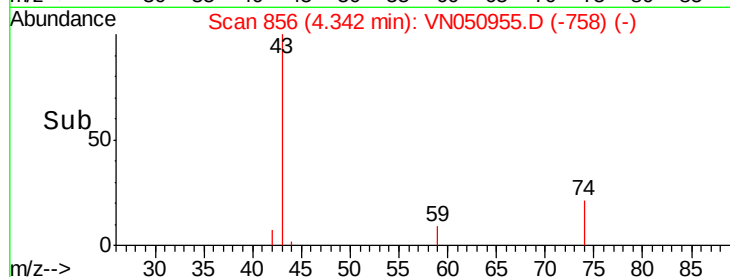
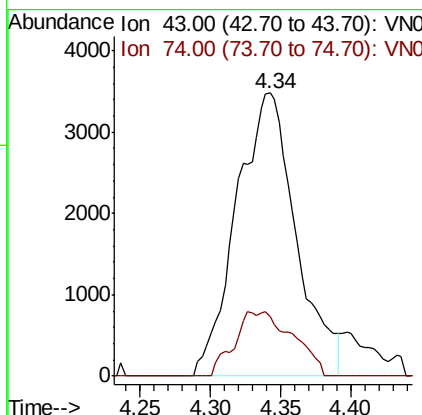
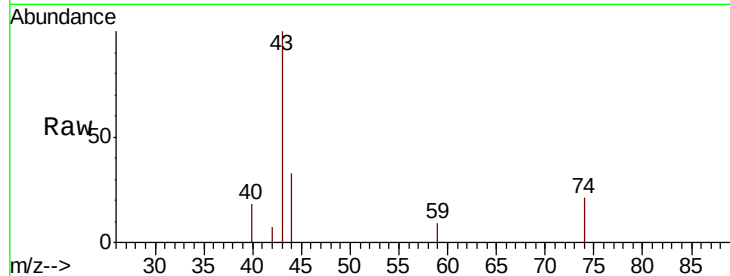




#18
Methyl Acetate
Concen: 1.45 ug/l
RT: 4.34 min Scan# 856
Delta R.T. 0.02 min
Lab File: VN050955.D
Acq: 30 Aug 2018 12:08

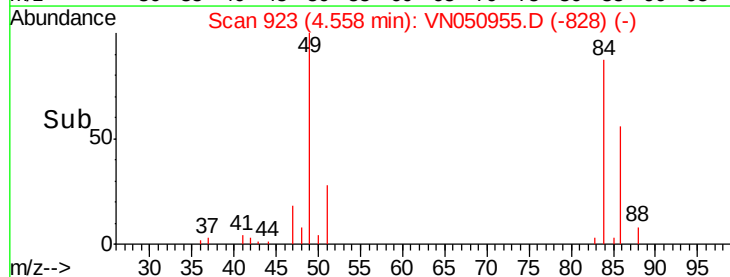
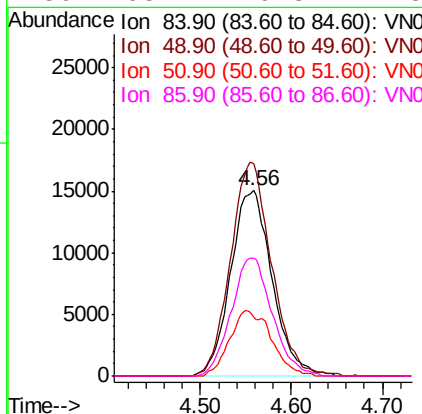
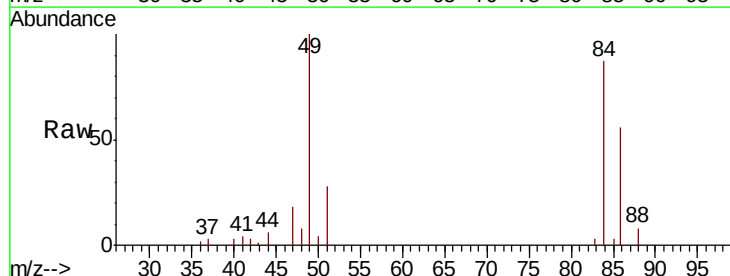
Instrument :
MSVOA_N
ClientSampleId :
PB112481TB

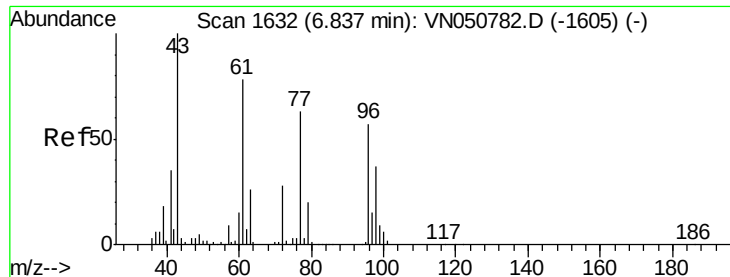
Tot Ion: 43 Resp: 10277
Ion Ratio Lower Upper
43 100
74 9.1 19.8 29.8#



#20
Methylene Chloride
Concen: 5.62 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050955.D
Acq: 30 Aug 2018 12:08

Tgt Ion: 84 Resp: 47667
Ion Ratio Lower Upper
84 100
49 114.4 93.2 139.8
51 31.8 29.0 43.6
86 63.7 49.8 74.8

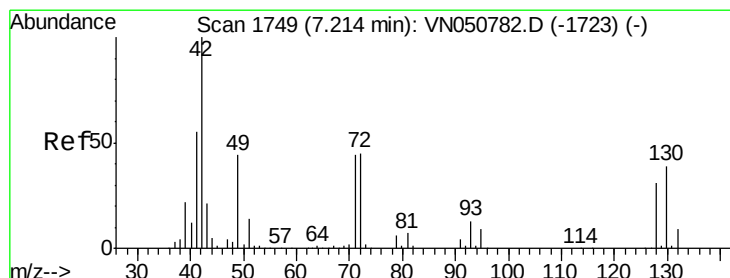
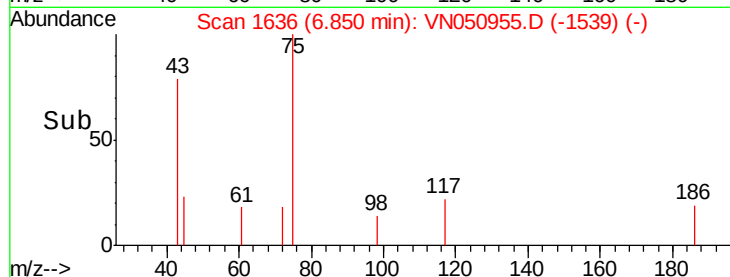
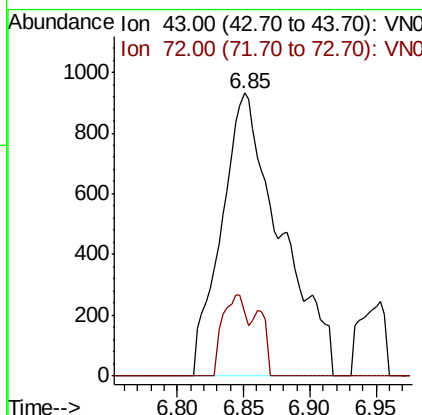
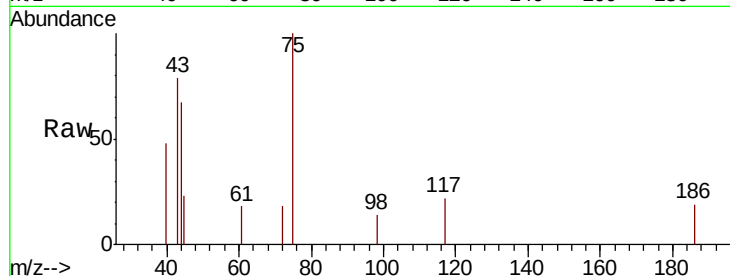




#25
2-Butanone
Concen: 0.96 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050955.D
Acq: 30 Aug 2018 12:08

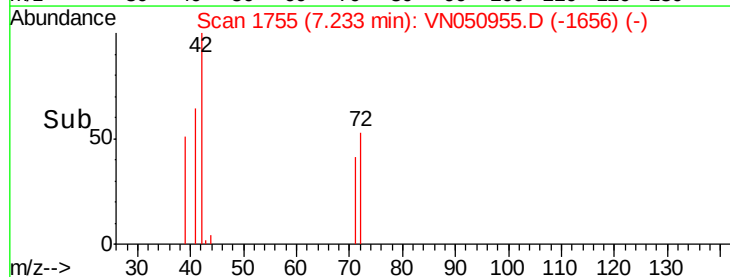
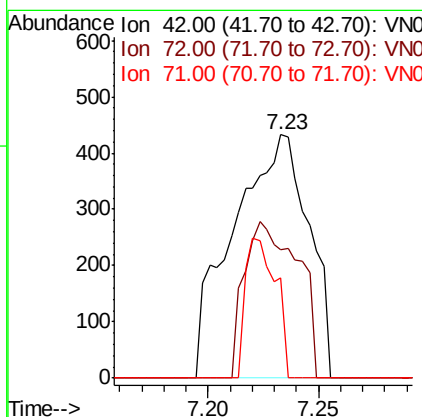
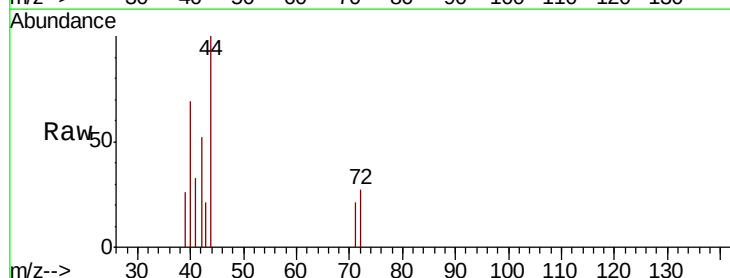
Instrument :
MSVOA_N
ClientSampled :
PB112481TB

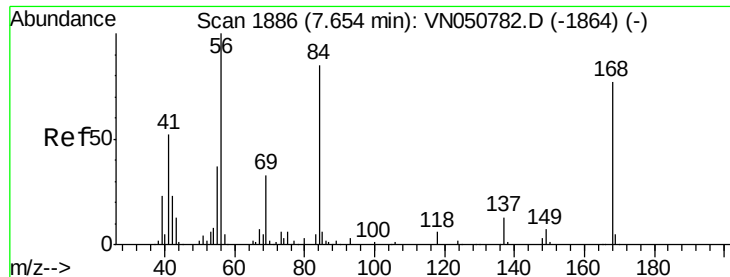
Tot Ion: 43 Resp: 2899
Ion Ratio Lower Upper
43 100
72 22.5 22.3 33.5



#29
Tetrahydrofuran
Concen: 0.59 ug/l
RT: 7.23 min Scan# 1755
Delta R.T. 0.02 min
Lab File: VN050955.D
Acq: 30 Aug 2018 12:08

Tgt Ion: 42 Resp: 1026
Ion Ratio Lower Upper
42 100
72 45.9 35.5 53.3
71 23.3 33.7 50.5#

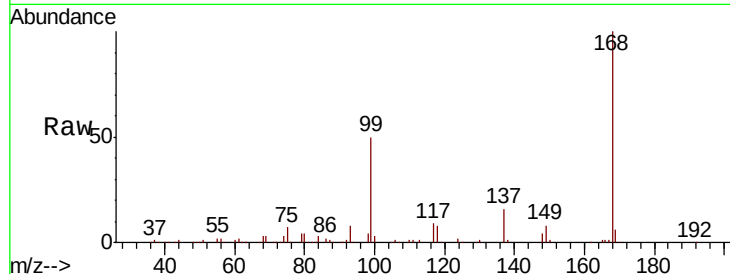




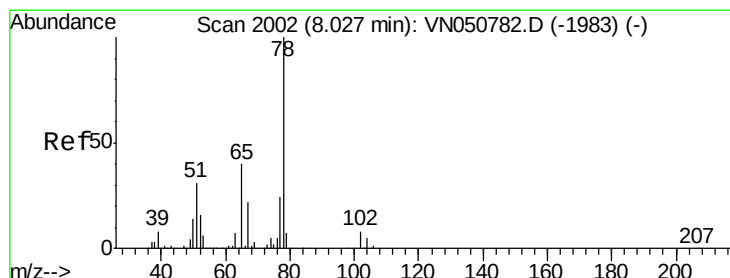
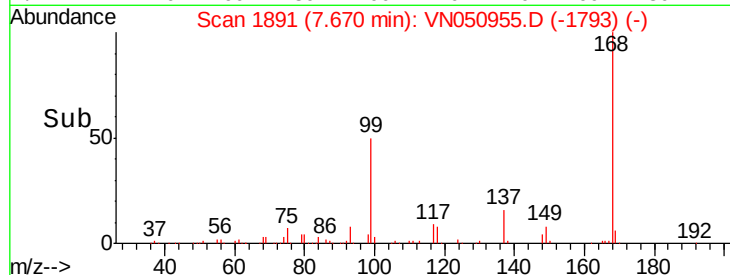
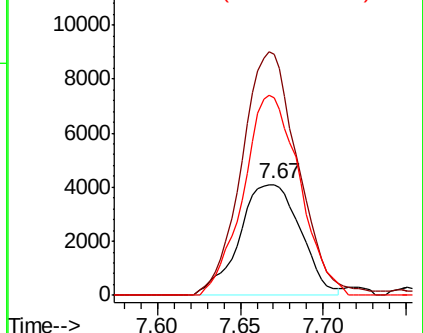
#31
Cyclohexane
Concen: 1.28 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VN050955.D
Acq: 30 Aug 2018 12:08

Instrument :
MSVOA_N
ClientSampled :
PB112481TB

Tot Ion: 56 Resp: 10504
Ion Ratio Lower Upper
56 100
69 217.7 26.2 39.4#
84 178.0 68.3 102.5#

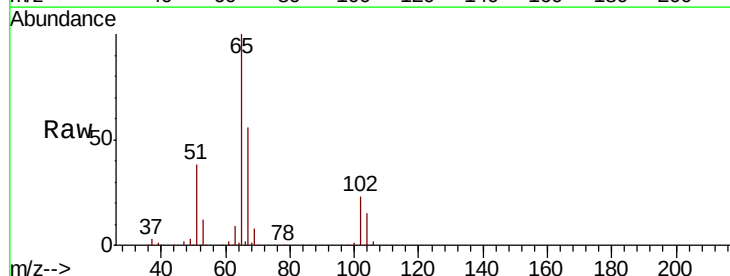


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

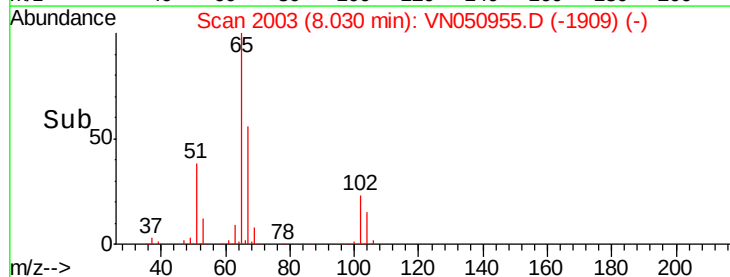
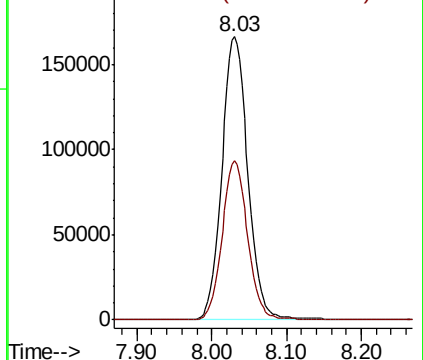


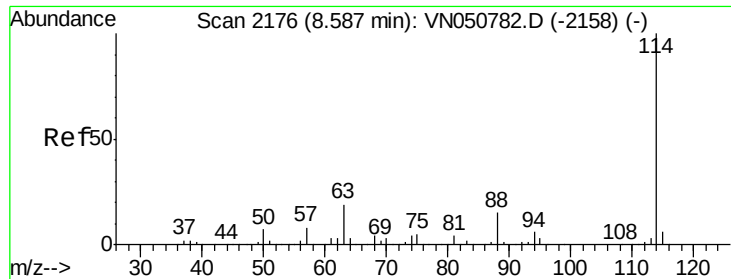
#33
1,2-Dichloroethane-d4
Concen: 52.96 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050955.D
Acq: 30 Aug 2018 12:08

Tgt Ion: 65 Resp: 398344
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.4



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

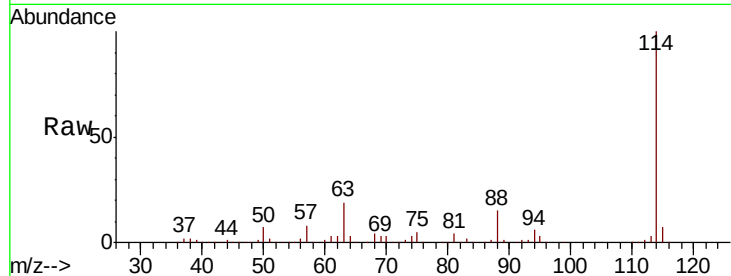




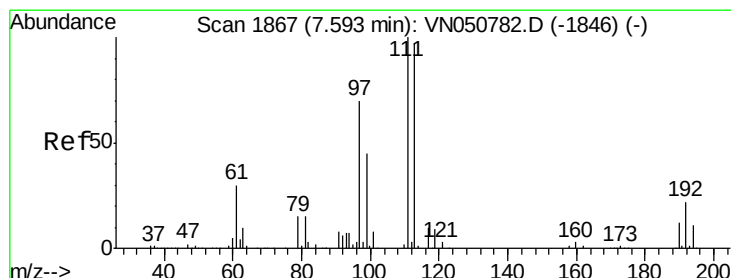
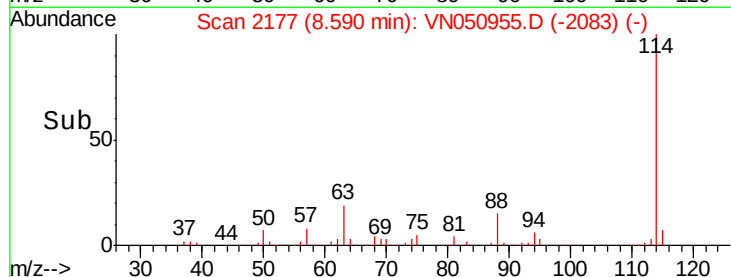
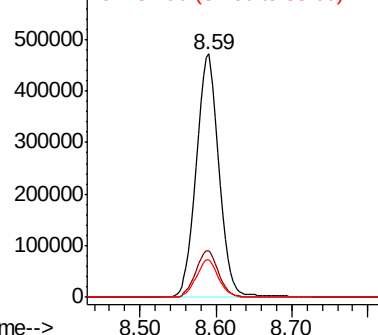
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050955.D
 Acq: 30 Aug 2018 12:08

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112481TB

Tot Ion:114 Resp: 989004
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.5 0.0 30.6

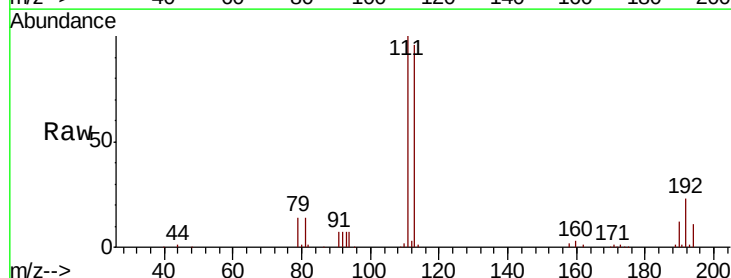


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

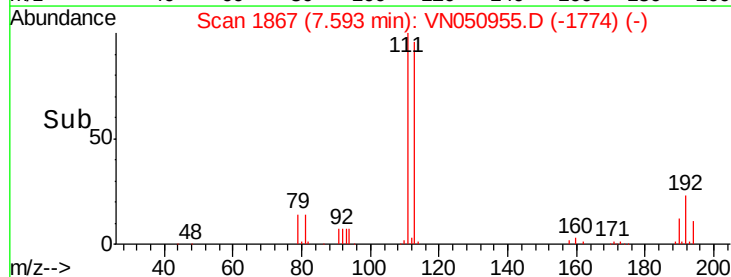
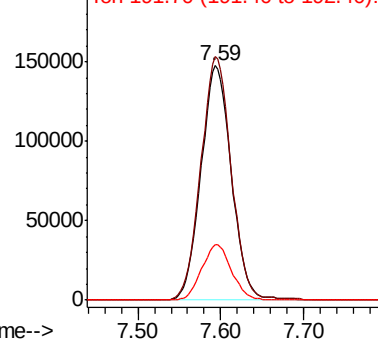


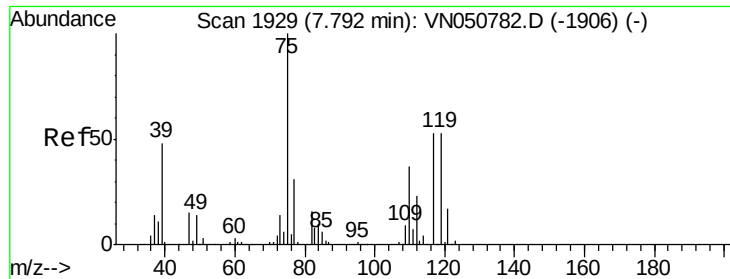
#35
 Dibromofluoromethane
 Concen: 47.97 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050955.D
 Acq: 30 Aug 2018 12:08

Tgt Ion:113 Resp: 377459
 Ion Ratio Lower Upper
 113 100
 111 103.9 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

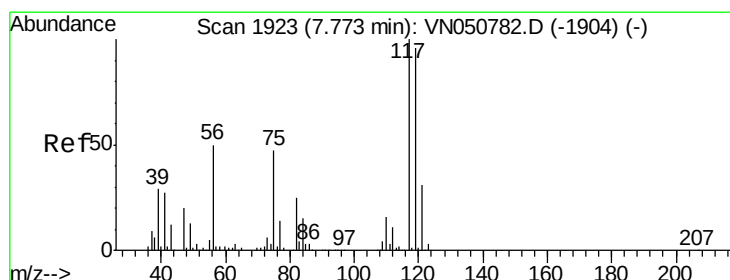
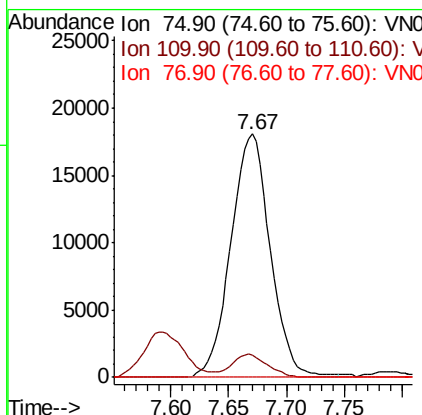
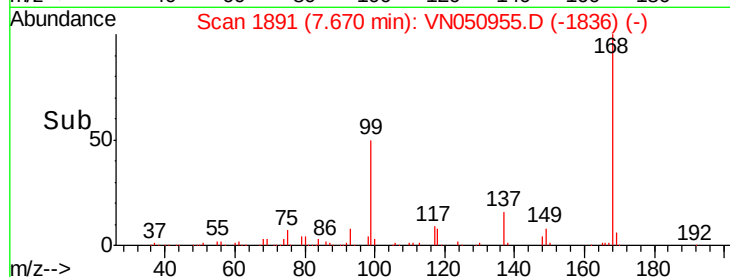
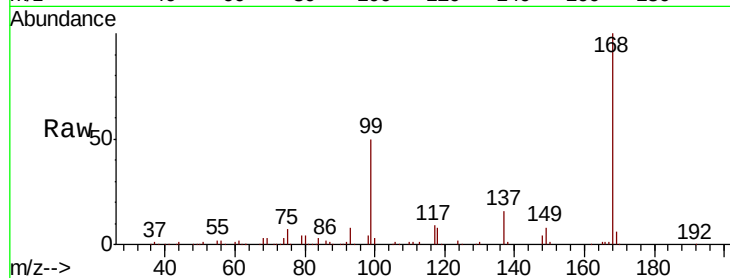




#36
 1,1-Dichloropropene
 Concen: 3.66 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.12 min
 Lab File: VN050955.D
 Acq: 30 Aug 2018 12:08

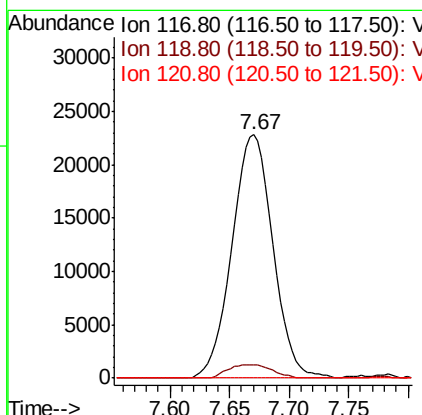
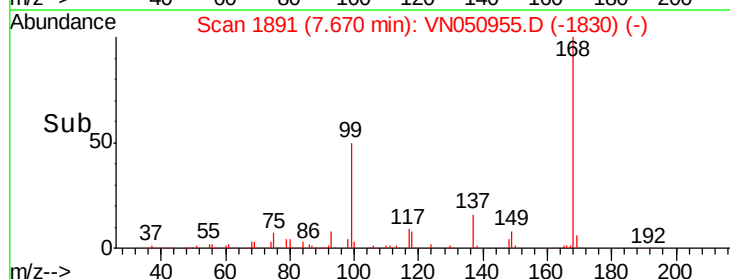
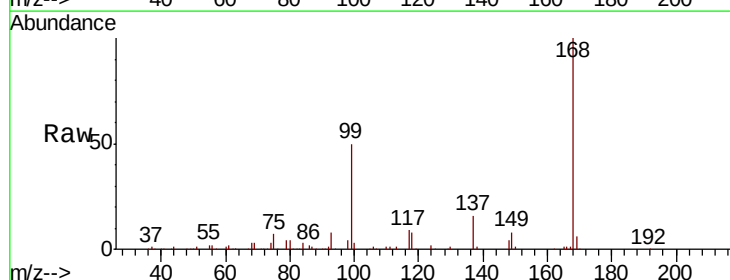
Instrument :
 MSVOA_N
 ClientSampleID :
 PB112481TB

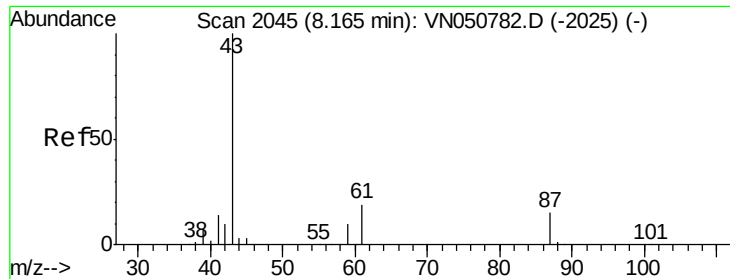
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.4#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 4.61 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.10 min
 Lab File: VN050955.D
 Acq: 30 Aug 2018 12:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.3	114.5#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 22.88 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050955.D

Acq: 30 Aug 2018 12:08

Instrument :

MSVOA_N

ClientSampled :

PB112481TB

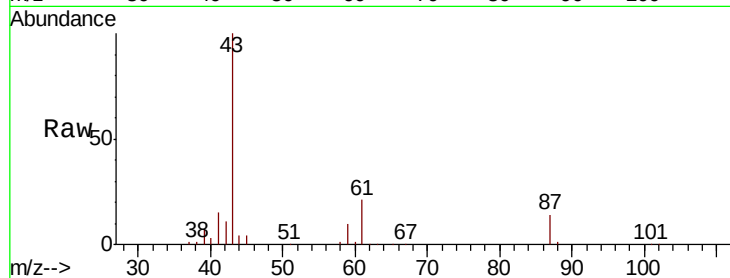
Tot Ion: 43 Resp: 263698

Ion Ratio Lower Upper

43 100

61 20.8 17.5 26.3

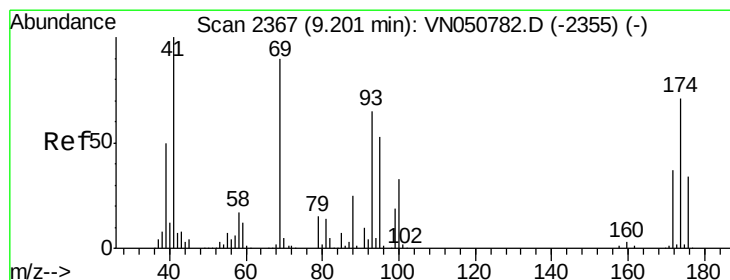
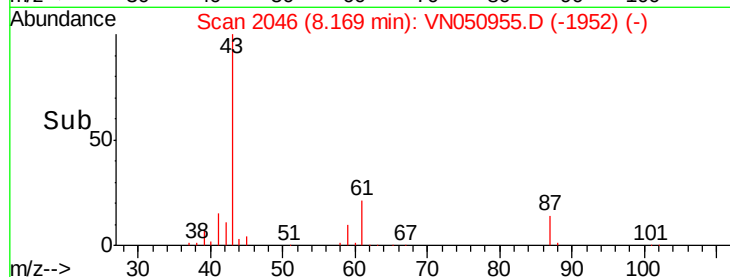
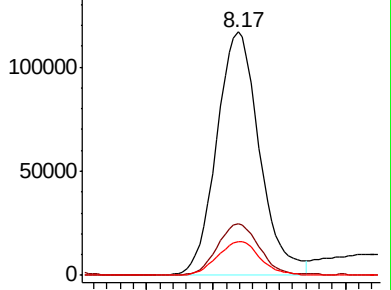
87 13.9 11.3 16.9



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: 1.46 ug/l

RT: 9.18 min Scan# 2361

Delta R.T. -0.02 min

Lab File: VN050955.D

Acq: 30 Aug 2018 12:08

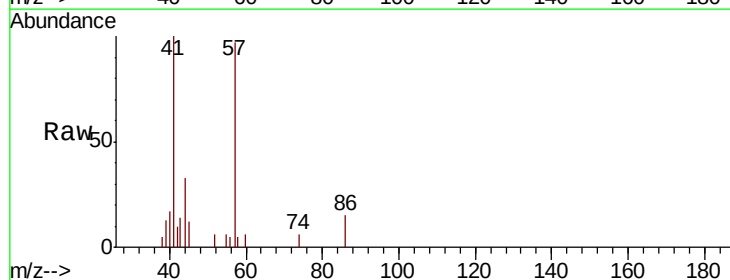
Tgt Ion: 41 Resp: 8551

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

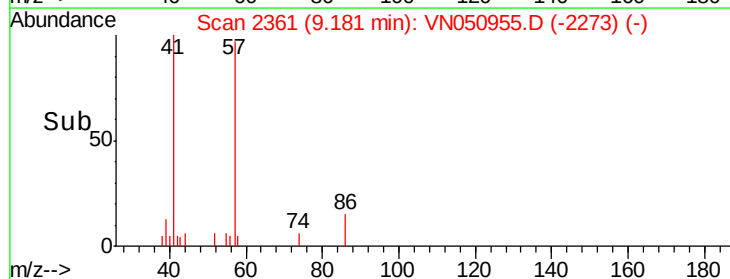
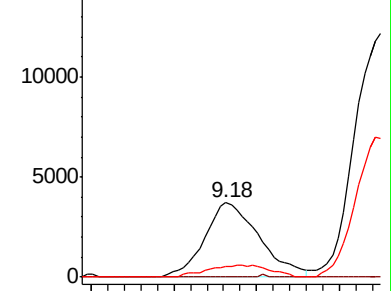
39 18.1 42.2 63.2#

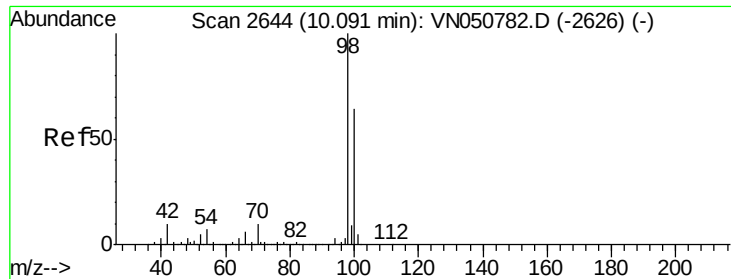


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

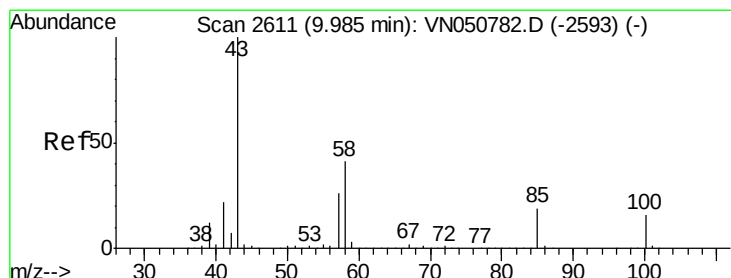
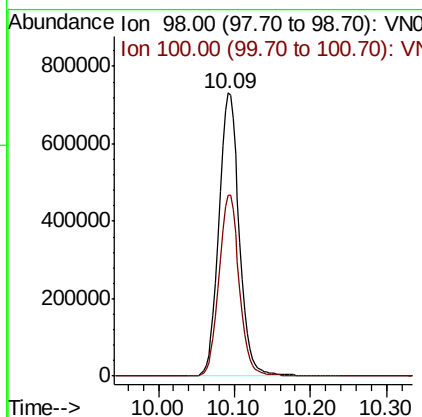
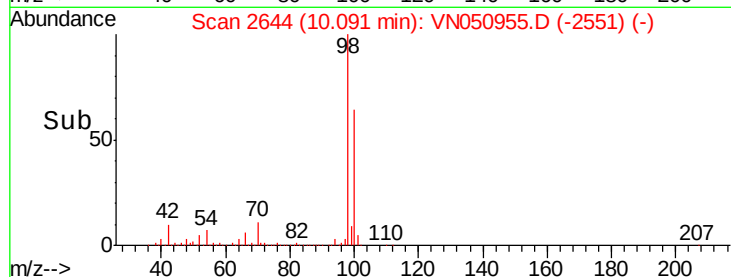
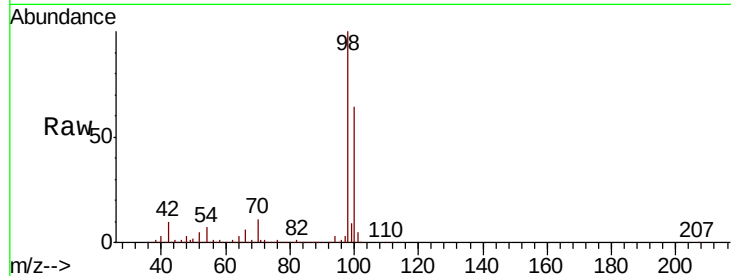




#50
Toluene-d8
Concen: 46.21 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050955.D
Acq: 30 Aug 2018 12:08

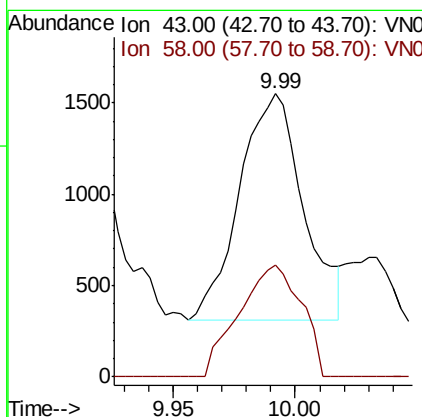
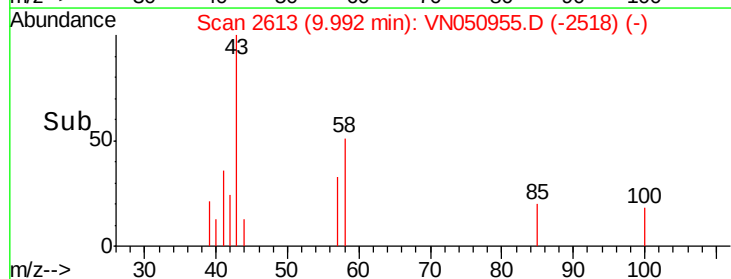
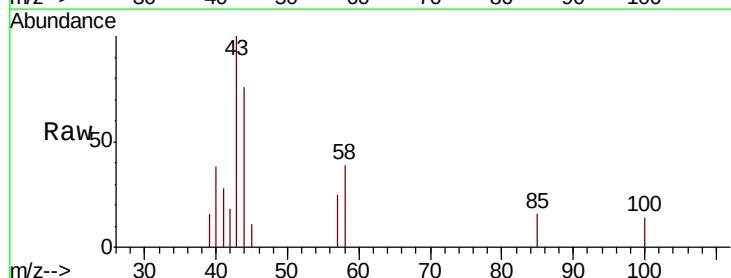
Instrument :
MSVOA_N
ClientSampleId :
PB112481TB

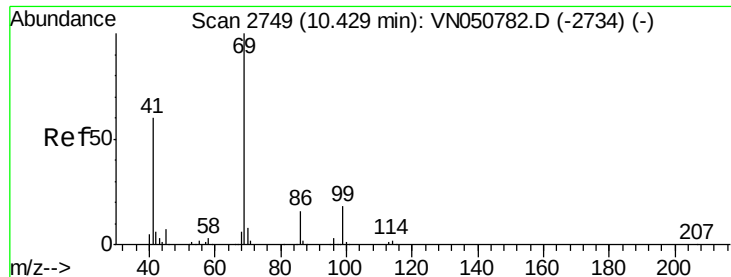
Tot Ion: 98 Resp: 1359330
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.33 ug/l
RT: 9.99 min Scan# 2613
Delta R.T. 0.01 min
Lab File: VN050955.D
Acq: 30 Aug 2018 12:08

Tgt Ion: 43 Resp: 2252
Ion Ratio Lower Upper
43 100
58 48.1 32.4 48.6





#56

Ethyl methacrylate

Concen: 2.36 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050955.D

Acq: 30 Aug 2018 12:08

Instrument :

MSVOA_N

ClientSampled :

PB112481TB

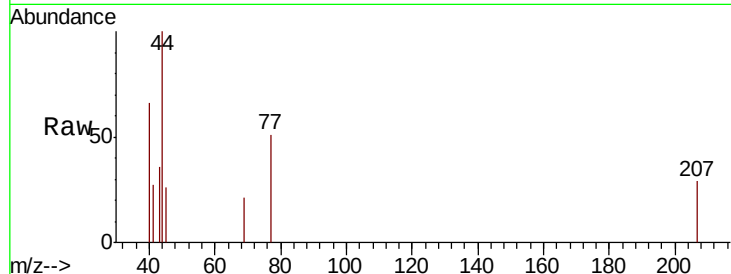
Tot Ion: 69 Resp: 100

Ion Ratio Lower Upper

69 100

41 157.0 48.3 72.5#

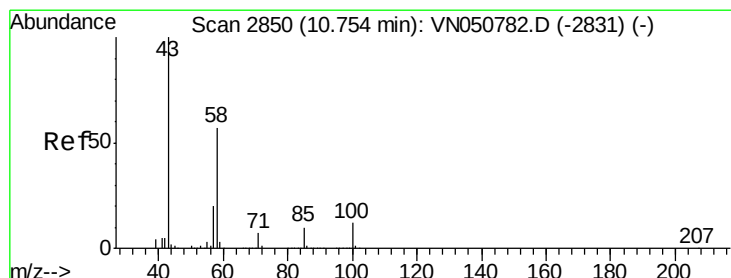
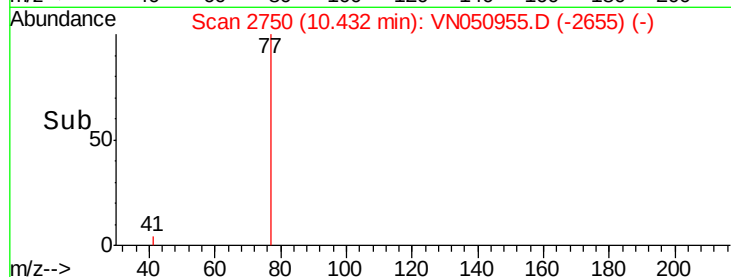
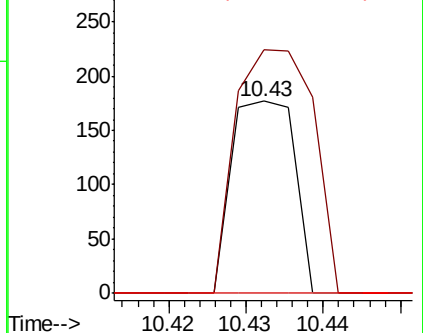
39 0.0 24.0 36.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 4.02 ug/l

RT: 10.76 min Scan# 2853

Delta R.T. 0.01 min

Lab File: VN050955.D

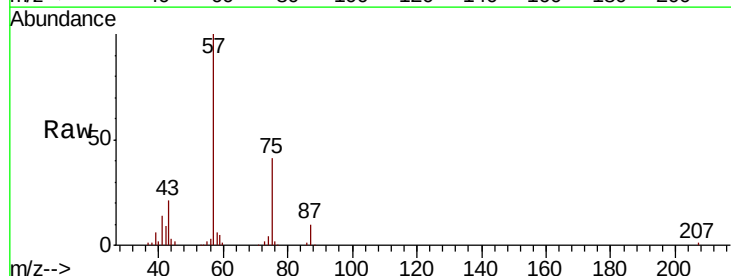
Acq: 30 Aug 2018 12:08

Tgt Ion: 43 Resp: 18400

Ion Ratio Lower Upper

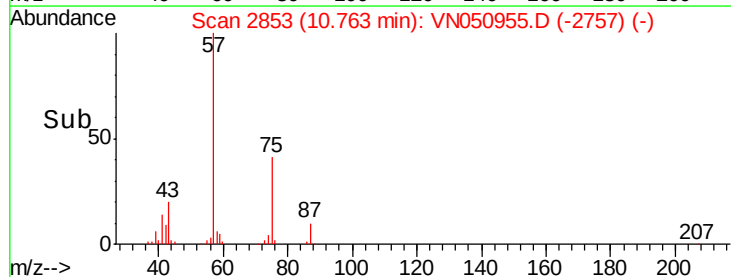
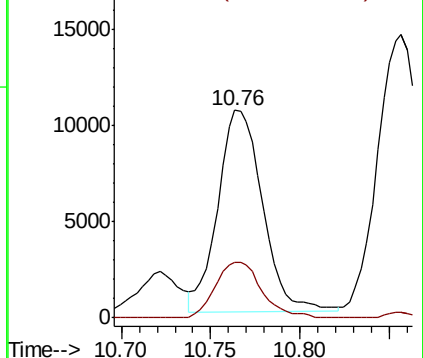
43 100

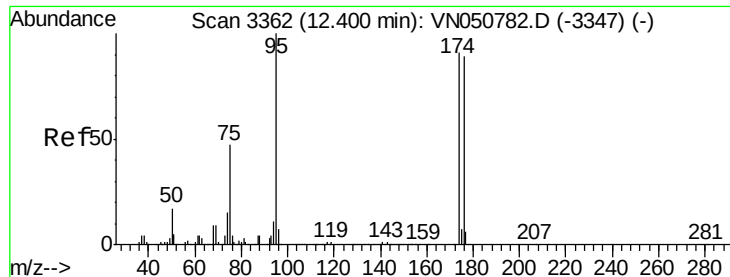
58 28.4 28.3 85.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 36.62 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050955.D

Acq: 30 Aug 2018 12:08

Instrument :

MSVOA_N

ClientSampled :

PB112481TB

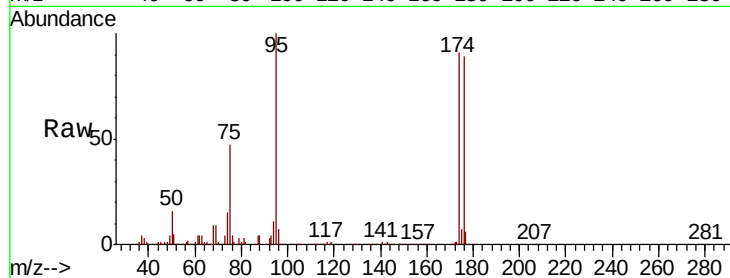
Tot Ion: 95 Resp: 357961

Ion Ratio Lower Upper

95 100

174 92.7 0.0 183.0

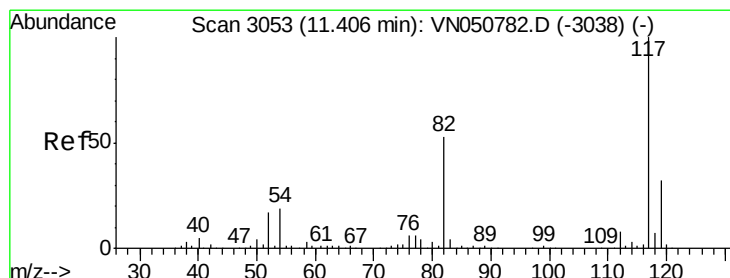
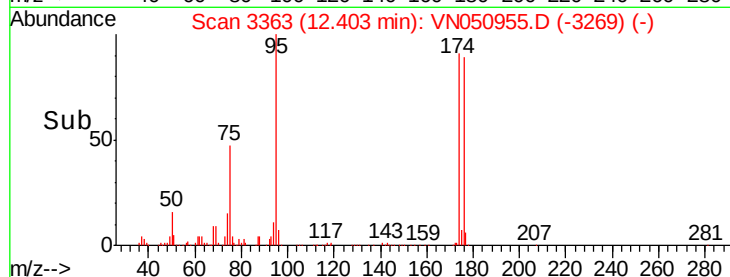
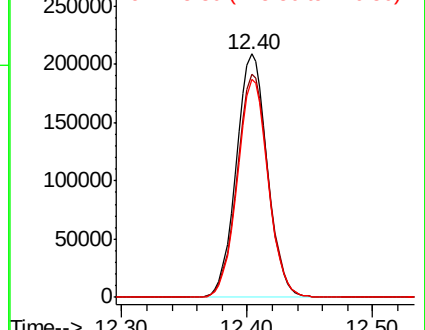
176 88.9 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050955.D

Acq: 30 Aug 2018 12:08

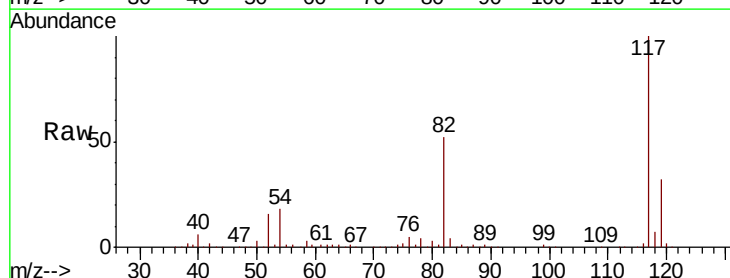
Tgt Ion: 117 Resp: 839389

Ion Ratio Lower Upper

117 100

82 52.2 42.6 64.0

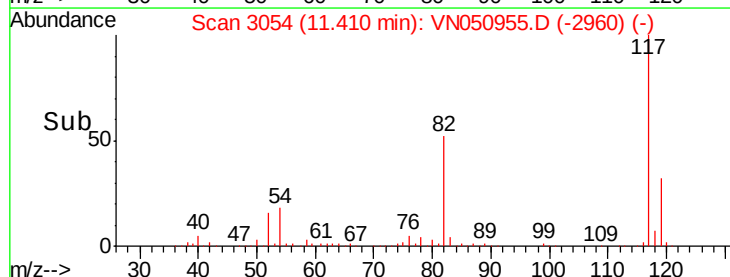
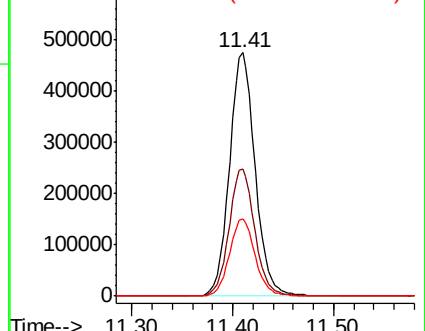
119 31.8 25.8 38.6

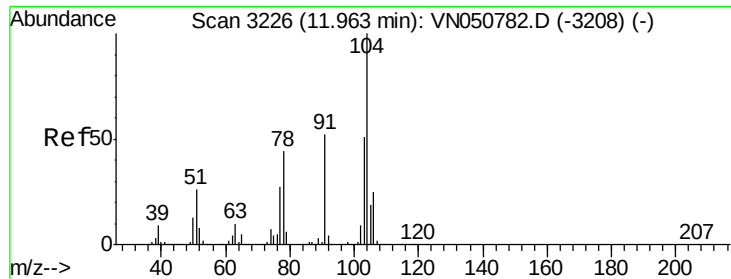


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#70

Stvrene

Concen: 1.32 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN050955.D

Acq: 30 Aug 2018 12:08

Instrument :

MSVOA_N

ClientSampleId :

PB112481TB

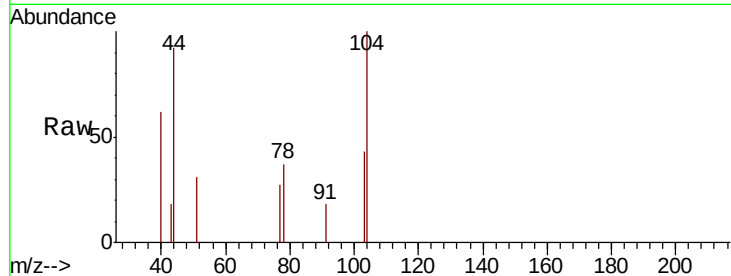
Tot Ion:104 Resp: 1269

Ion Ratio Lower Upper

104 100

78 31.1 38.2 57.4#

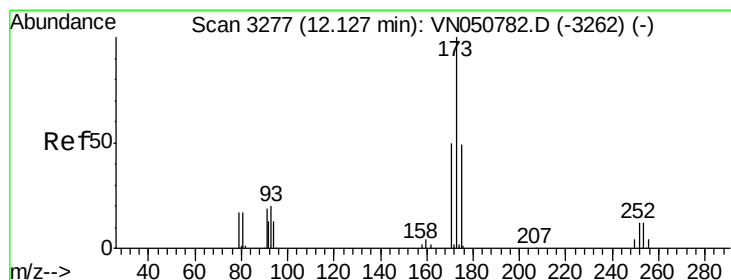
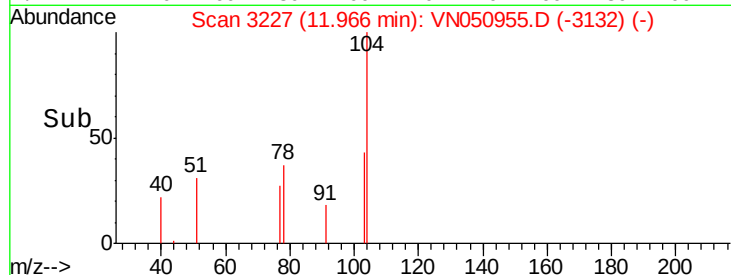
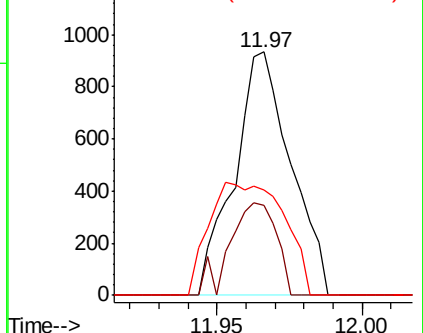
103 60.9 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.50 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN050955.D

Acq: 30 Aug 2018 12:08

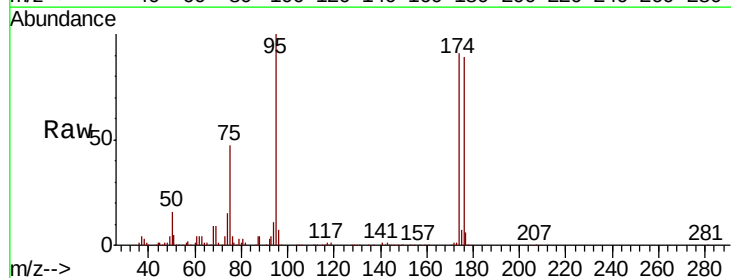
Tgt Ion:173 Resp: 2774

Ion Ratio Lower Upper

173 100

175 720.5 24.4 73.4#

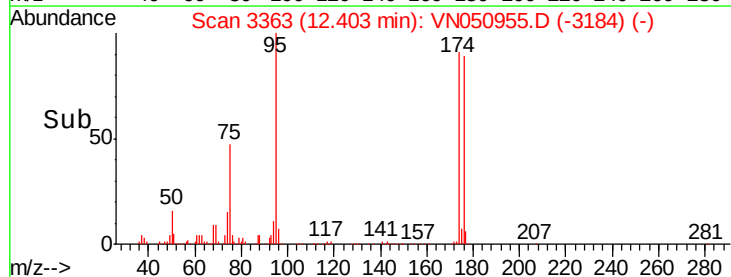
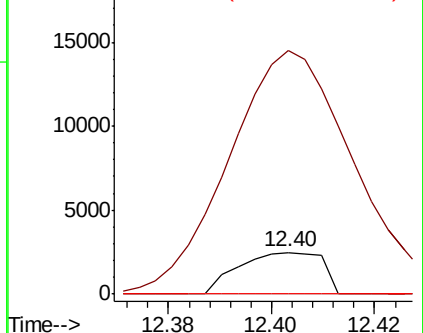
254 0.0 0.1 0.1#

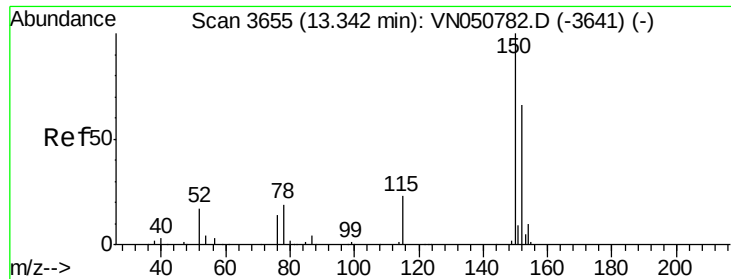


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN050955.D

Acq: 30 Aug 2018 12:08

Instrument :

MSVOA_N

ClientSampled :

PB112481TB

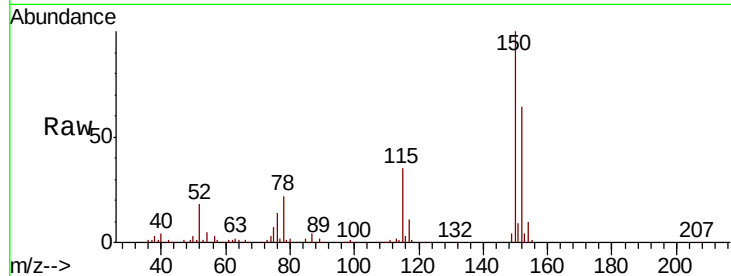
Tot Ion:152 Resp: 272743

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.4

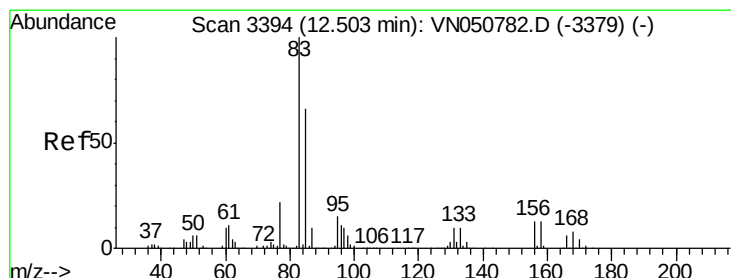
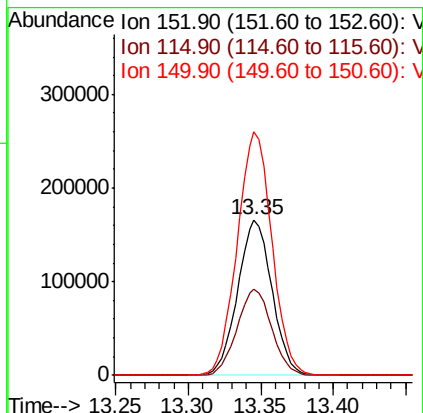
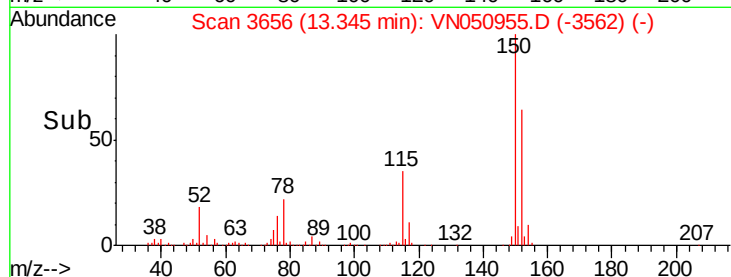
150 158.2 0.0 351.4



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: 12.51 min Scan# 3396

Delta R.T. 0.01 min

Lab File: VN050955.D

Acq: 30 Aug 2018 12:08

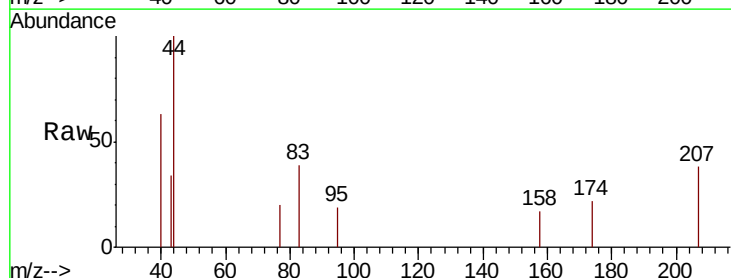
Tgt Ion: 83 Resp: 493

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

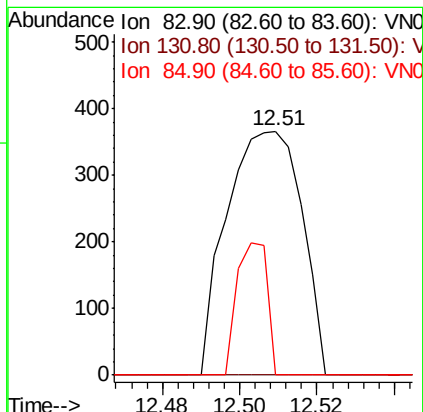
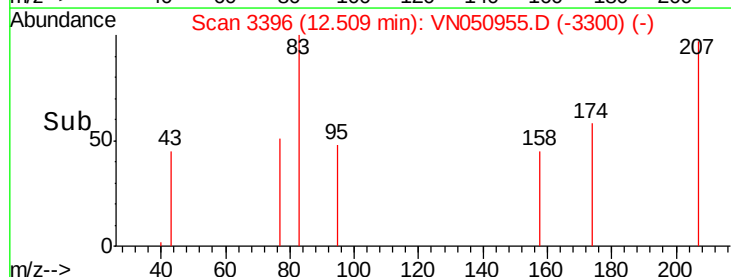
85 21.7 31.9 95.7#

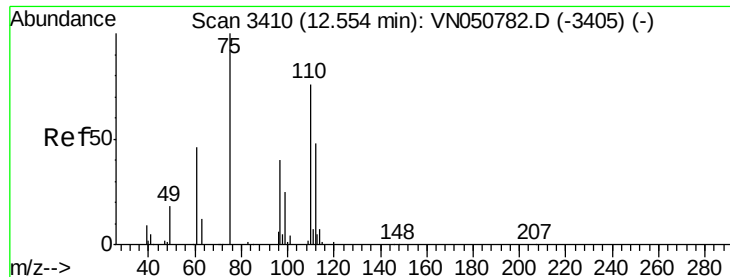


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 35.03 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050955.D

Acq: 30 Aug 2018 12:08

Instrument :

MSVOA_N

ClientSampled :

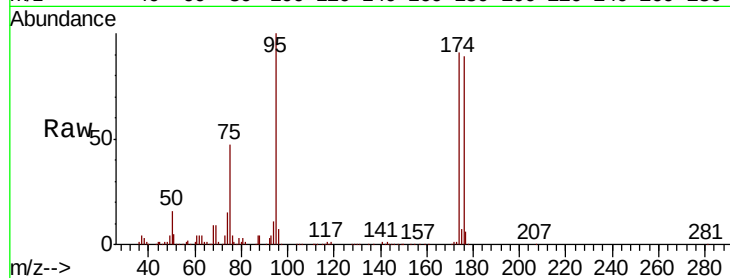
PB112481TB

Tot Ion: 75 Resp: 167335

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



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

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

12.40

100000

80000

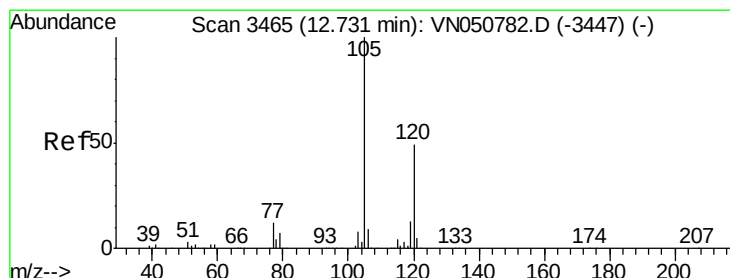
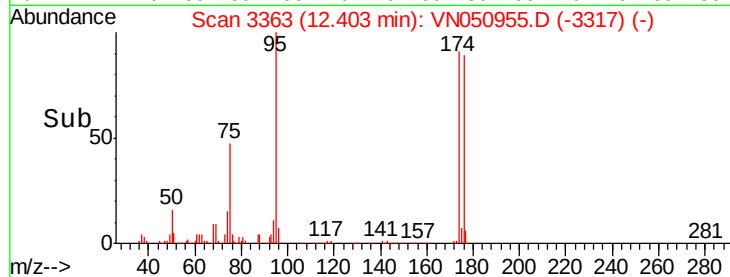
60000

40000

20000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.21 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050955.D

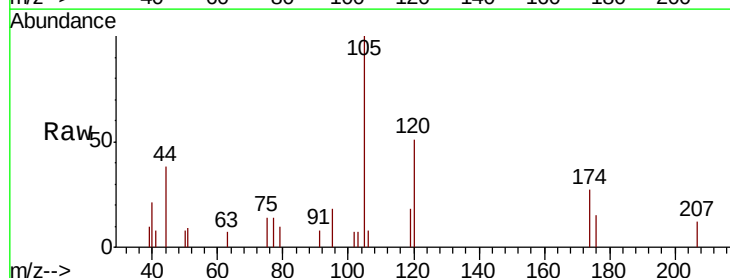
Acq: 30 Aug 2018 12:08

Tgt Ion: 105 Resp: 3759

Ion Ratio Lower Upper

105 100

120 51.3 24.6 74.0



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

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

12.73

2500

2000

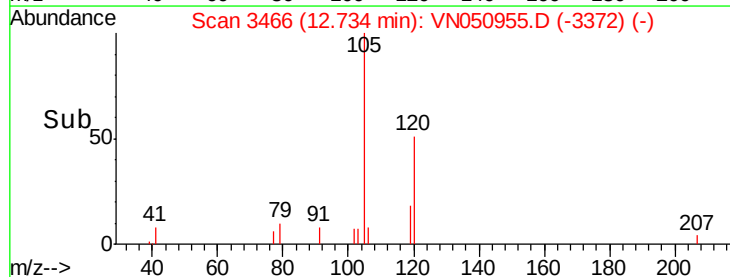
1500

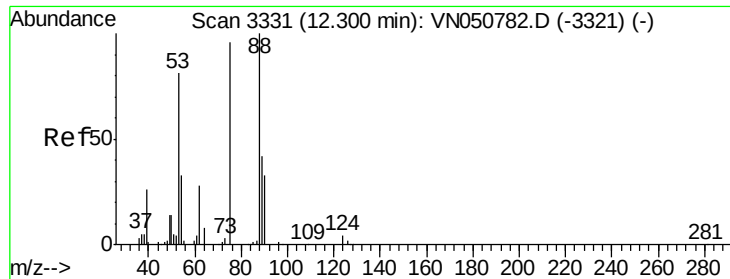
1000

500

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 118.42 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050955.D

Acq: 30 Aug 2018 12:08

Instrument :

MSVOA_N

ClientSampled :

PB112481TB

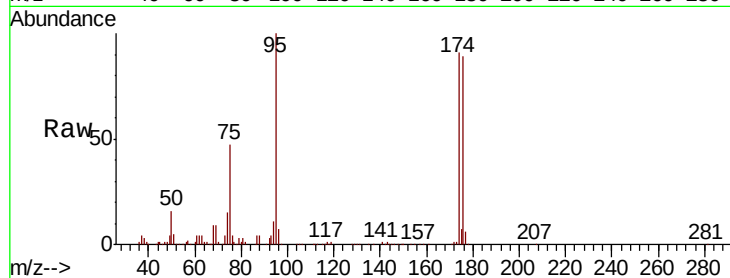
Tot Ion: 75 Resp: 167335

Ion Ratio Lower Upper

75 100

53 0.1 68.9 103.3#

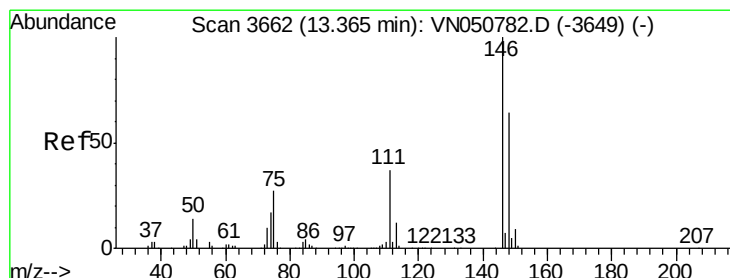
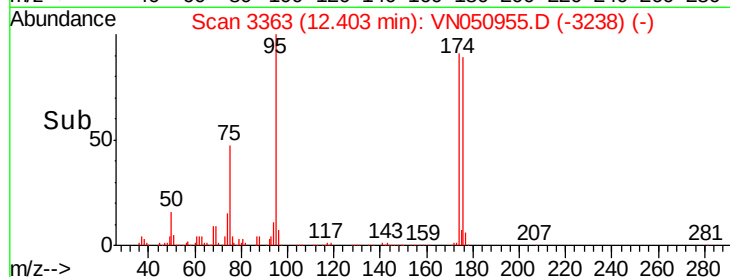
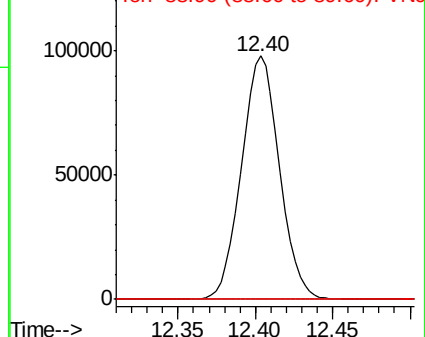
89 0.0 36.1 54.1#



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



#88

1,4-Dichlorobenzene

Concen: 0.20 ug/l

RT: 13.29 min Scan# 3638

Delta R.T. -0.08 min

Lab File: VN050955.D

Acq: 30 Aug 2018 12:08

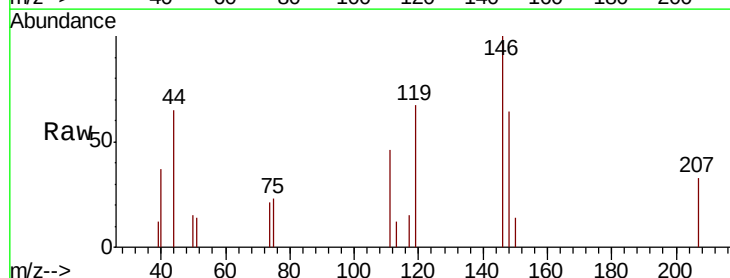
Tgt Ion: 146 Resp: 2051

Ion Ratio Lower Upper

146 100

111 41.0 18.8 56.3

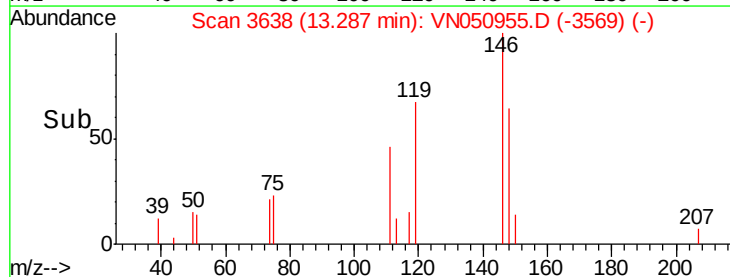
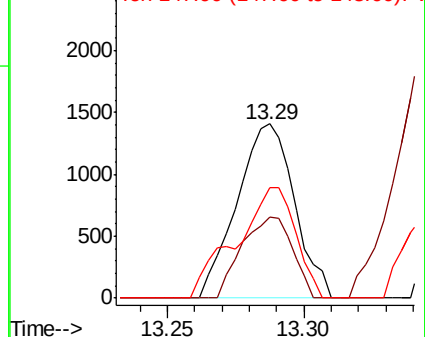
148 66.0 32.2 96.6

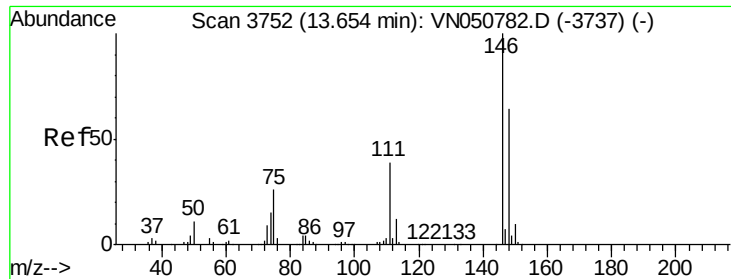


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

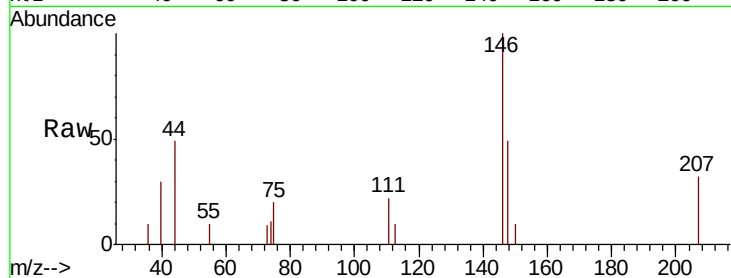




#91
 1,2-Dichlorobenzene
 Concen: 0.23 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN050955.D
 Acq: 30 Aug 2018 12:08

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112481TB

Tot Ion	Ratio	Lower	Upper
146	100		
111	32.2	19.8	59.3
148	59.3	32.3	96.8

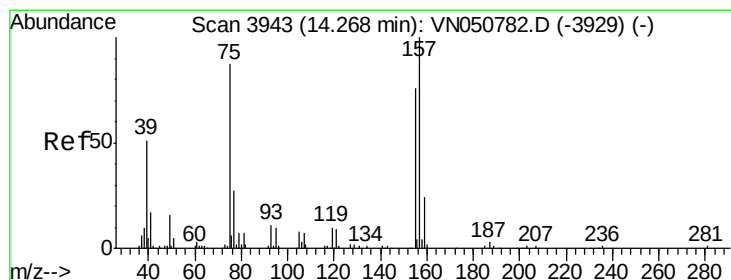
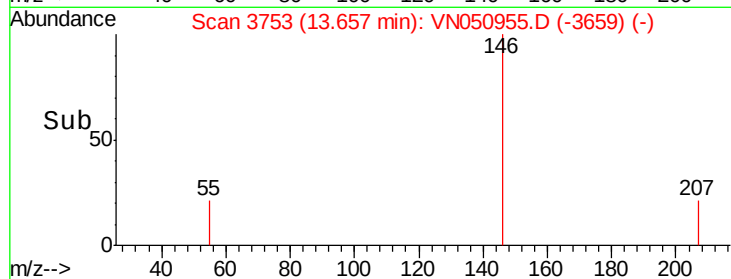
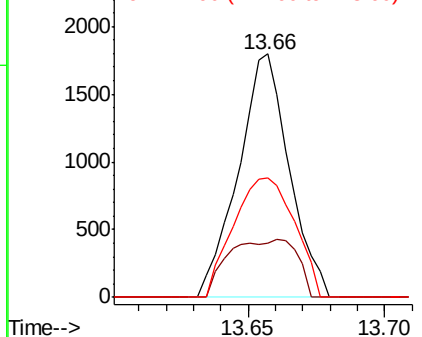


Abundance

Ion 145.90 (145.60 to 146.60): V

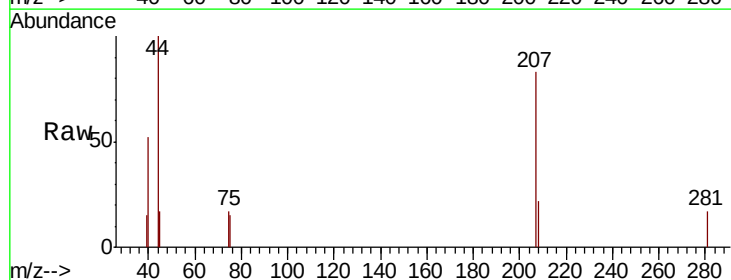
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.29 ug/l
 RT: 14.27 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VN050955.D
 Acq: 30 Aug 2018 12:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	12.3	46.4	139.1#
157	0.0	60.7	182.0#

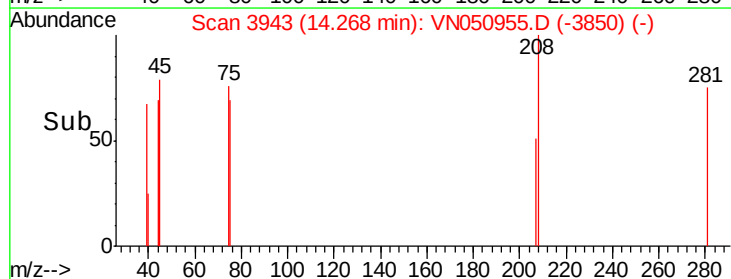
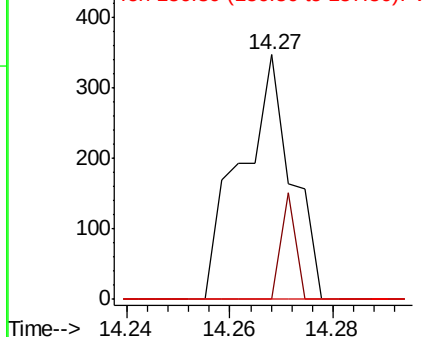


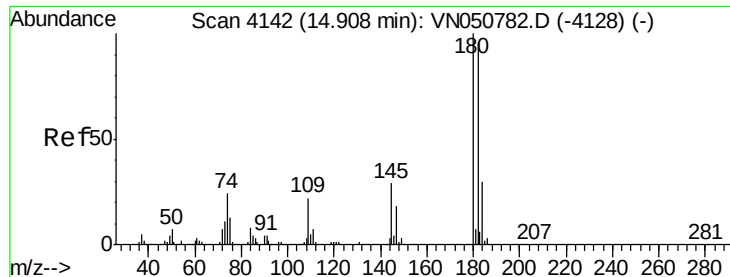
Abundance

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

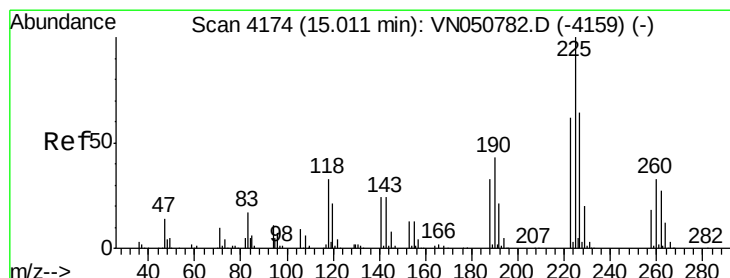
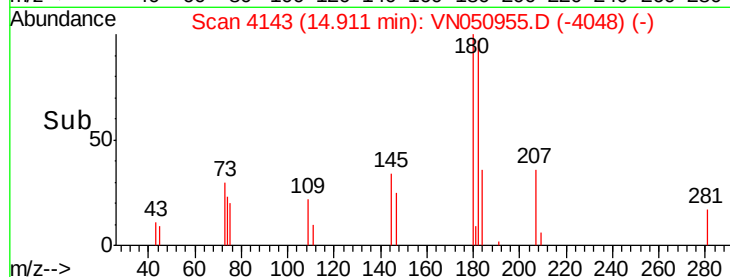
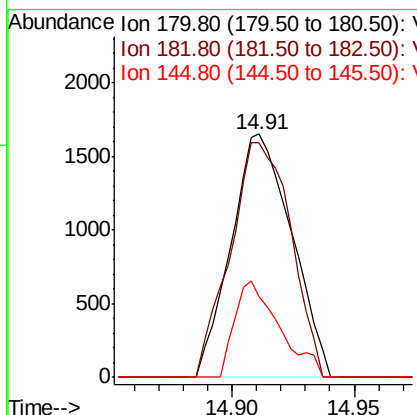
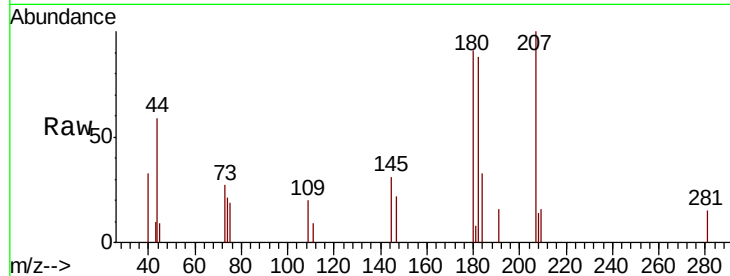




#93
 1,2,4-Trichlorobenzene
 Concen: 4.58 ua/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050955.D
 Acq: 30 Aug 2018 12:08

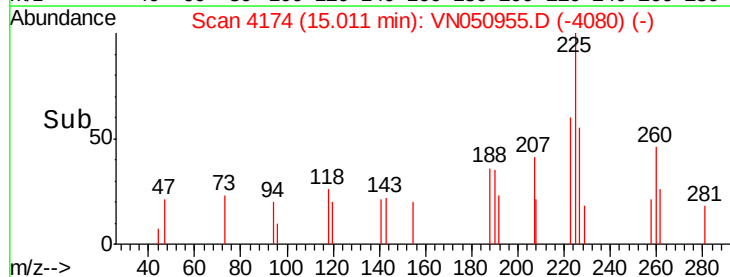
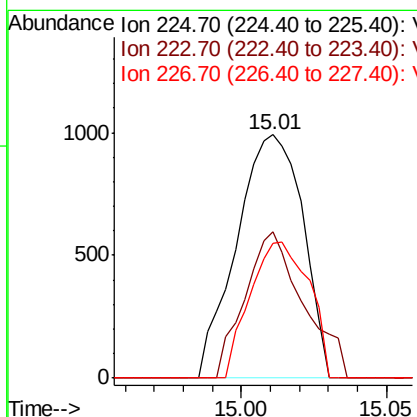
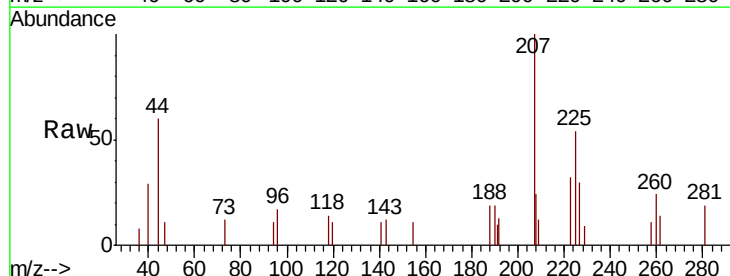
Instrument :
 MSVOA_N
 ClientSampled :
 PB112481TB

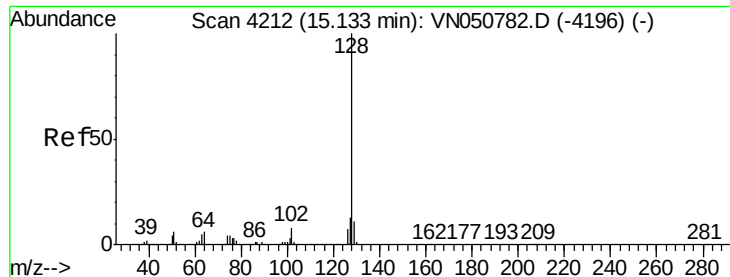
Tot Ion:180 Resp: 2843
 Ion Ratio Lower Upper
 180 100
 182 96.6 48.2 144.6
 145 29.2 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN050955.D
 Acq: 30 Aug 2018 12:08

Tgt Ion:225 Resp: 1571
 Ion Ratio Lower Upper
 225 100
 223 53.2 31.3 93.8
 227 49.7 32.0 96.2





#95

Naphthalene

Concen: 5.95 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.01 min

Lab File: VN050955.D

Acq: 30 Aug 2018 12:08

Instrument :

MSVOA_N

ClientSampleId :

PB112481TB

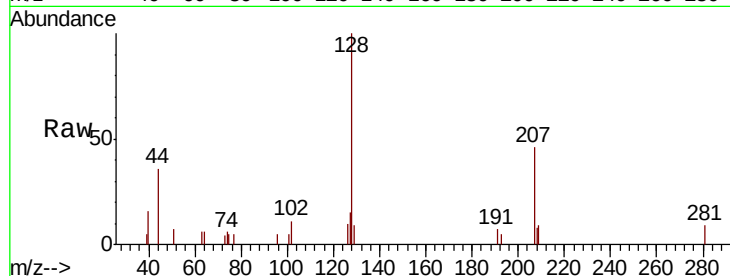
Tot Ion:128 Resp: 6721

Ion Ratio Lower Upper

128 100

127 14.5 10.5 15.7

129 9.8 8.7 13.1

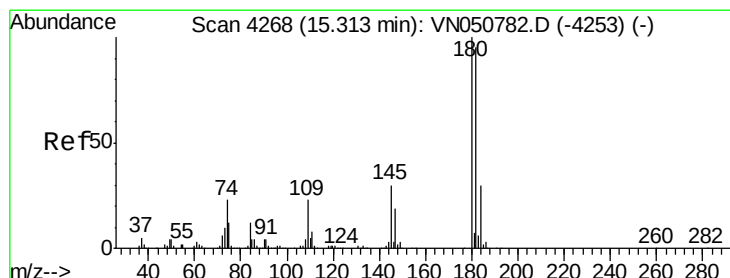
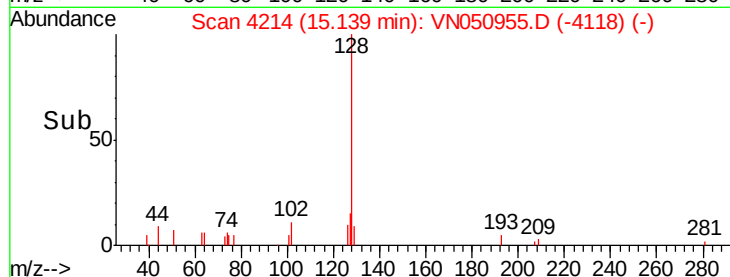
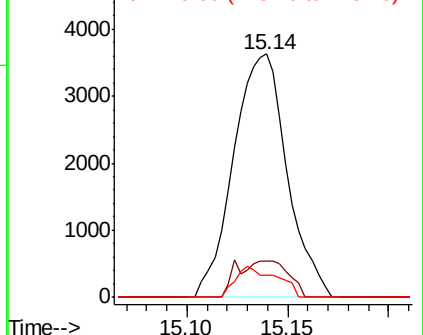


Abundance

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: 3.94 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.01 min

Lab File: VN050955.D

Acq: 30 Aug 2018 12:08

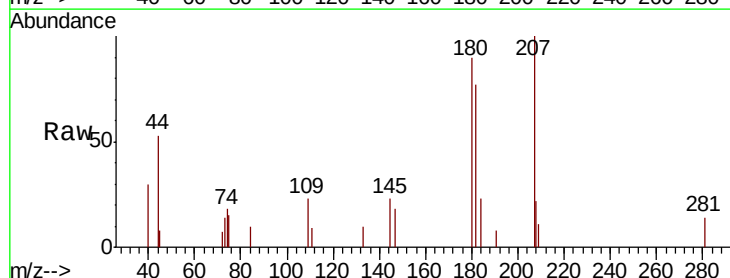
Tgt Ion:180 Resp: 3356

Ion Ratio Lower Upper

180 100

182 98.6 48.0 144.2

145 24.6 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

