

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082718\
 Data File : VN050897.D
 Acq On : 27 Aug 2018 14:33
 Operator : MD\SY
 Sample : J4280-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-05-082418-A

Quant Time: Aug 28 01:39:21 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	628938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1029990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	866592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	297495	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	410254	54.18	ug/l	0.00
Spiked Amount			Recovery	=	108.36%	
35) Dibromofluoromethane	7.59	113	389800	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	
50) Toluene-d8	10.09	98	1391707	45.43	ug/l	0.00
Spiked Amount			Recovery	=	90.86%	
62) 4-Bromofluorobenzene	12.40	95	378874	37.22	ug/l	0.00
Spiked Amount			Recovery	=	74.44%	

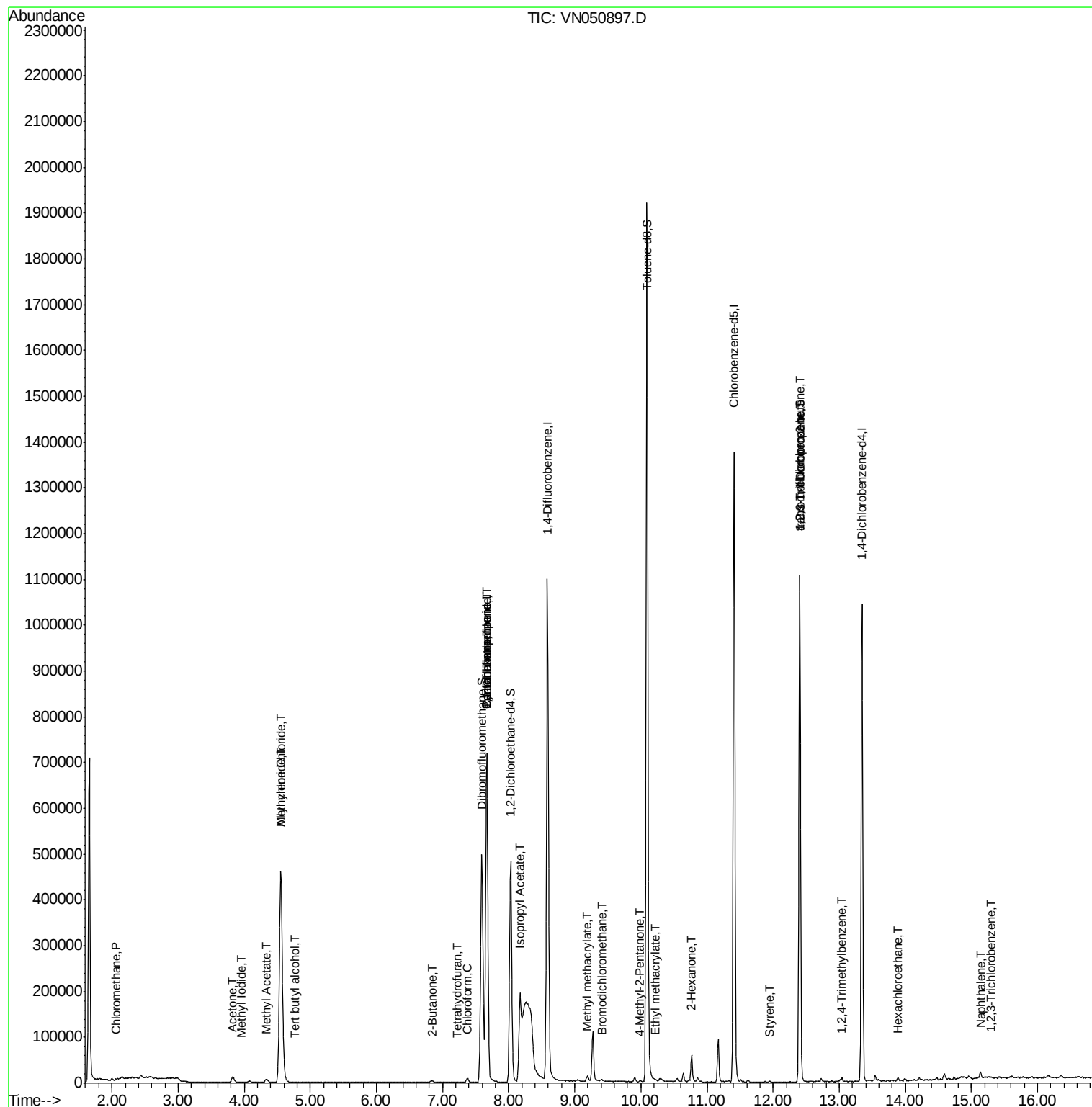
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2237	0.22	ug/l	94
5) Bromomethane	2.57	94	2568	Below Cal		83
10) Methyl Iodide	3.95	142	566	6.41	ug/l #	43
11) Tert butyl alcohol	4.76	59	97	0.20	ug/l #	72
14) Allyl chloride	4.56	41	13529	1.23	ug/l #	26
16) Acetone	3.82	43	22101	5.42	ug/l	99
18) Methyl Acetate	4.34	43	14552	2.04	ug/l #	79
20) Methylene Chloride	4.55	84	381085	44.66	ug/l	98
25) 2-Butanone	6.85	43	3028	0.99	ug/l #	47
29) Tetrahydrofuran	7.22	42	491	0.28	ug/l #	42
30) Chloroform	7.38	83	10239	0.73	ug/l	99
31) Cyclohexane	7.66	56	10753	1.29	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	42521	3.50	ug/l #	49
38) Carbon Tetrachloride	7.67	117	55164	4.49	ug/l #	16
43) Isopropyl Acetate	8.17	43	229577	19.12	ug/l #	91
47) Bromodichloromethane	9.40	83	2540	0.21	ug/l #	88
48) Methyl methacrylate	9.18	41	6979	1.14	ug/l #	14
51) 4-Methyl-2-Pentanone	9.99	43	2224	0.31	ug/l #	77
56) Ethyl methacrylate	10.23	69	2096	2.54	ug/l #	76
59) 2-Hexanone	10.77	43	8855	1.86	ug/l #	56
70) Styrene	11.96	104	29	1.27	ug/l #	26
75) 1,1,2,2-Tetrachloroethane	12.45	83	33	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	178030	34.17	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	178030	115.50	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	4816	0.24	ug/l	86
90) Hexachloroethane	13.89	117	588	0.34	ug/l #	4
95) Naphthalene	15.14	128	12572	6.34	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.31	180	30	3.30	ug/l #	1

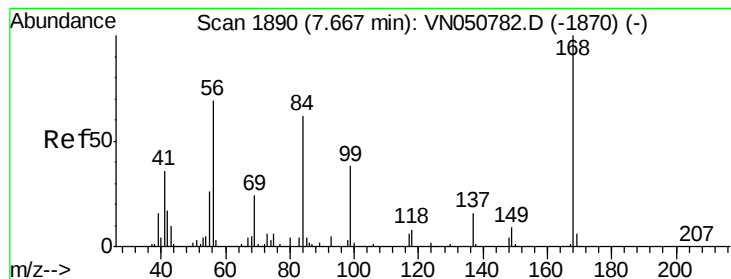
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082718\
Data File : VN050897.D
Acq On : 27 Aug 2018 14:33
Operator : MD\SY
Sample : J4280-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PL-05-082418-A

Quant Time: Aug 28 01:39:21 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050897.D

Acq: 27 Aug 2018 14:33

Instrument :

MSVOA_N

ClientSampleId :

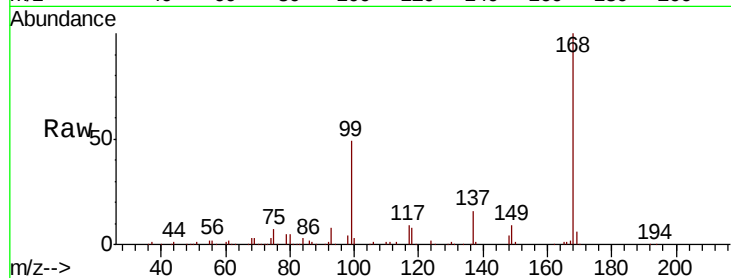
PL-05-082418-A

Tot Ion:168 Resp: 628938

Ion Ratio Lower Upper

168 100

99 49.4 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

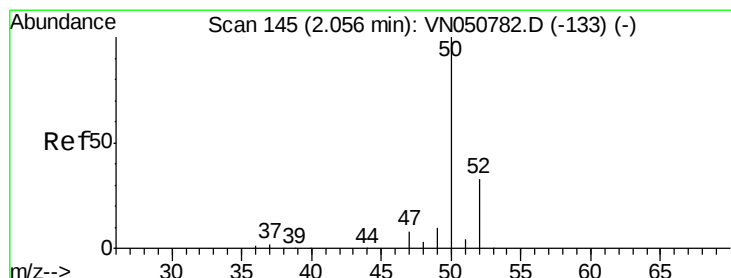
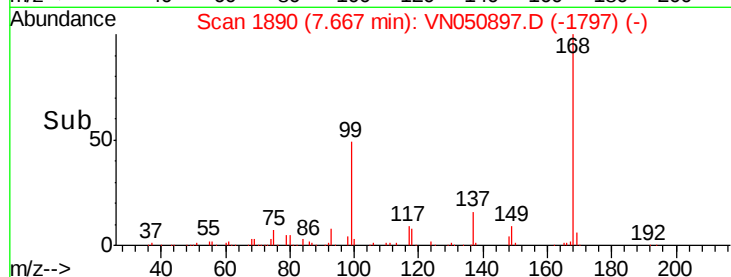
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.22 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050897.D

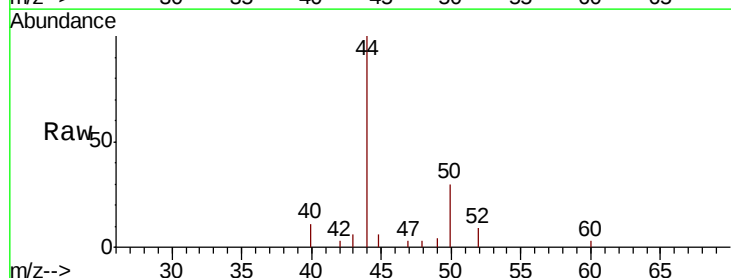
Acq: 27 Aug 2018 14:33

Tgt Ion: 50 Resp: 2237

Ion Ratio Lower Upper

50 100

52 29.5 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

2000

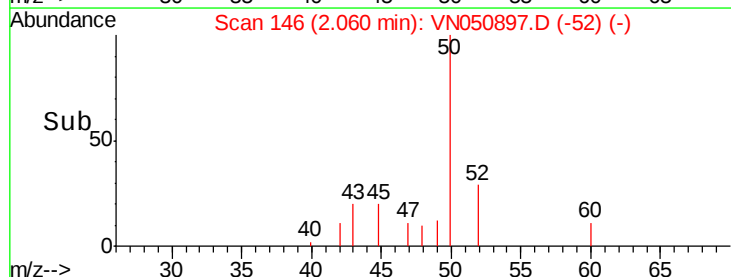
1500

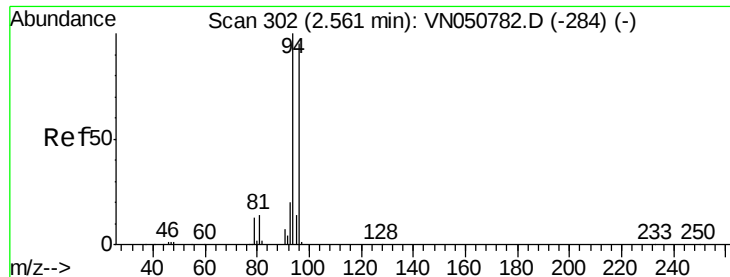
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN050897.D

Acq: 27 Aug 2018 14:33

Instrument :

MSVOA_N

ClientSampleId :

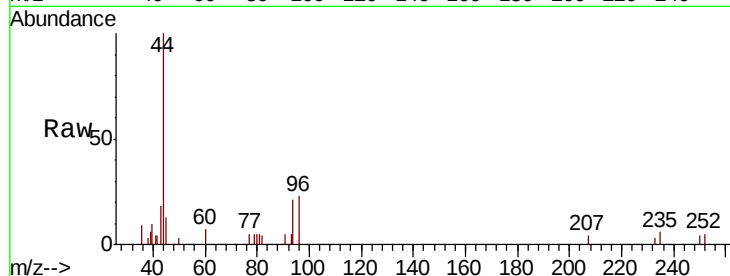
PL-05-082418-A

Tot Ion: 94 Resp: 2568

Ion Ratio Lower Upper

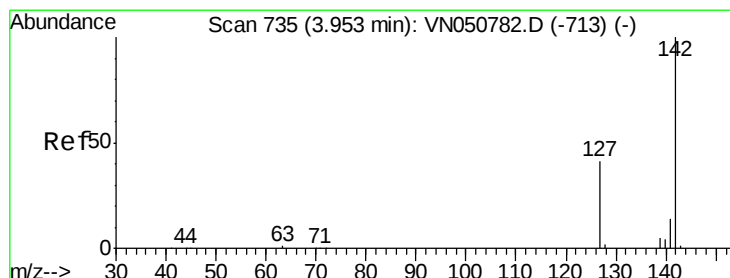
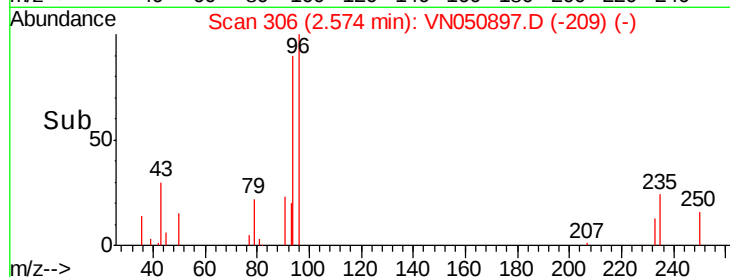
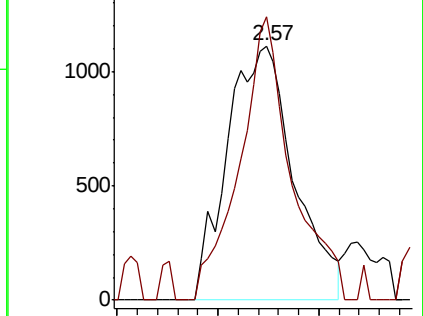
94 100

96 111.3 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN050897.D (-209) (-)

Ion 95.90 (95.60 to 96.60): VN050897.D (-209) (-)



#10

Methyl Iodide

Concen: 6.41 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN050897.D

Acq: 27 Aug 2018 14:33

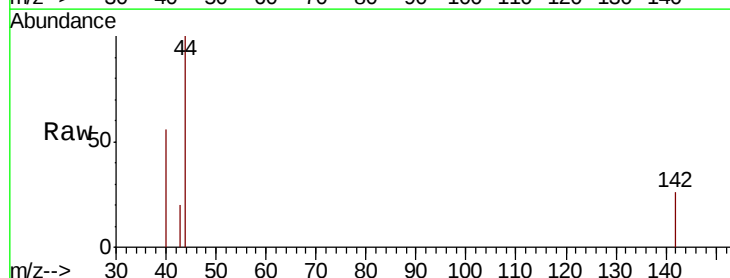
Tgt Ion: 142 Resp: 566

Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

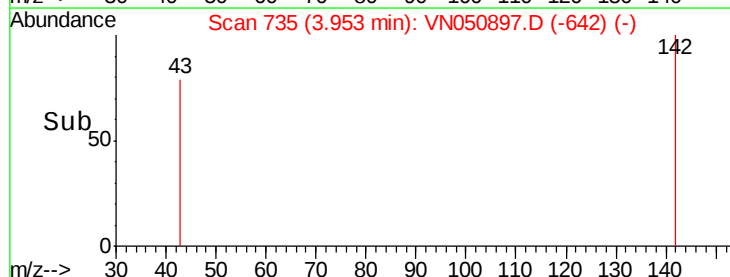
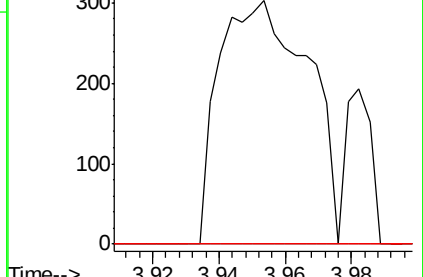
141 0.0 11.4 17.0#

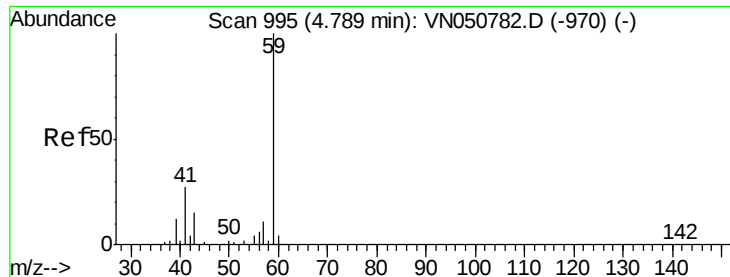


Abundance Ion 141.80 (141.50 to 142.50): VN050897.D (-642) (-)

Ion 126.80 (126.50 to 127.50): VN050897.D (-642) (-)

Ion 140.80 (140.50 to 141.50): VN050897.D (-642) (-)

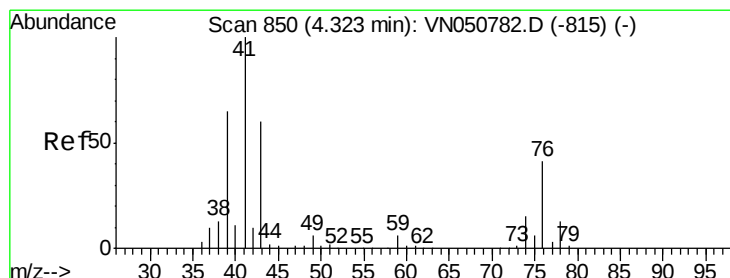
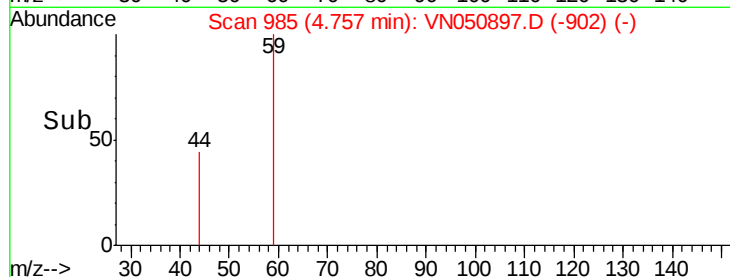
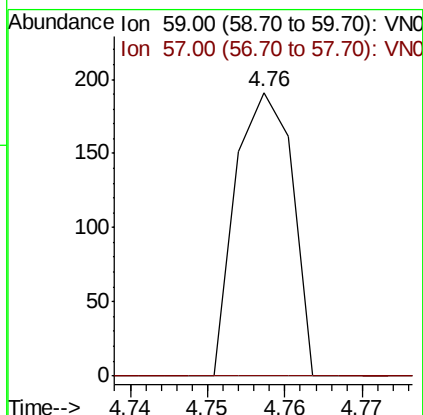
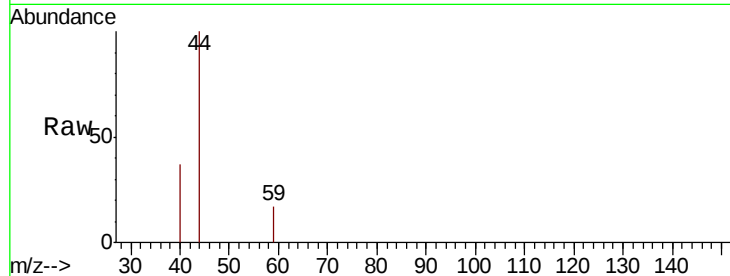




#11
Tert butyl alcohol
Concen: 0.20 ug/l
RT: 4.76 min Scan# 985
Delta R.T. -0.03 min
Lab File: VN050897.D
Acq: 27 Aug 2018 14:33

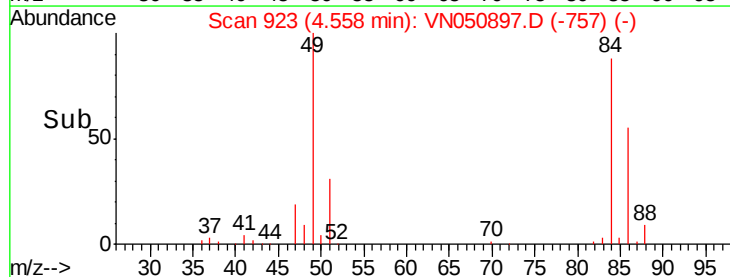
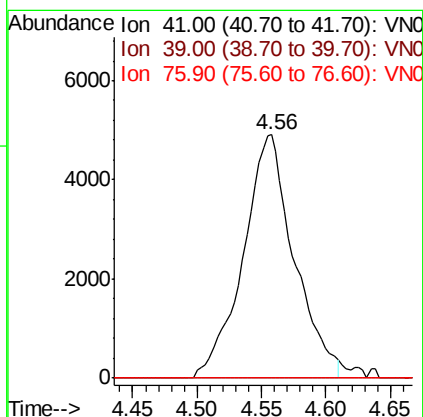
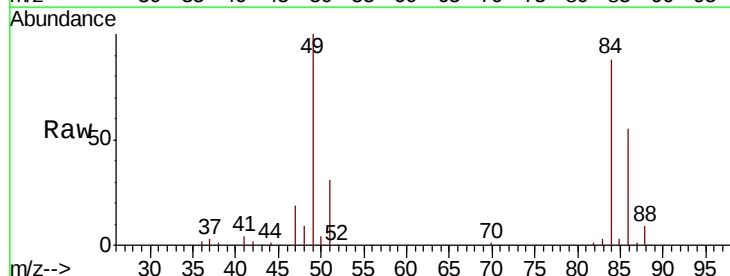
Instrument :
MSVOA_N
ClientSampleId :
PL-05-082418-A

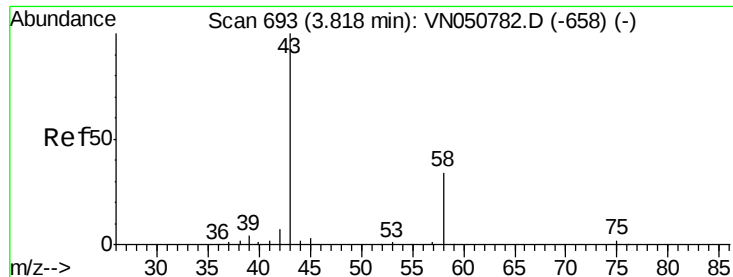
Tot Ion: 59 Resp: 97
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#14
Allyl chloride
Concen: 1.23 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.23 min
Lab File: VN050897.D
Acq: 27 Aug 2018 14:33

Tgt Ion: 41 Resp: 13529
Ion Ratio Lower Upper
41 100
39 0.0 50.2 75.2#
76 0.0 29.8 44.8#





#16

Acetone

Concen: 5.42 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050897.D

Acq: 27 Aug 2018 14:33

Instrument :

MSVOA_N

ClientSampleId :

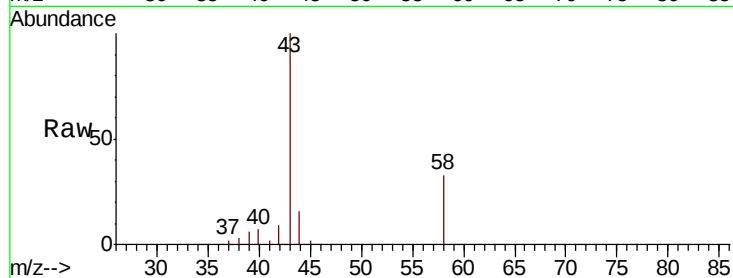
PL-05-082418-A

Tot Ion: 43 Resp: 22101

Ion Ratio Lower Upper

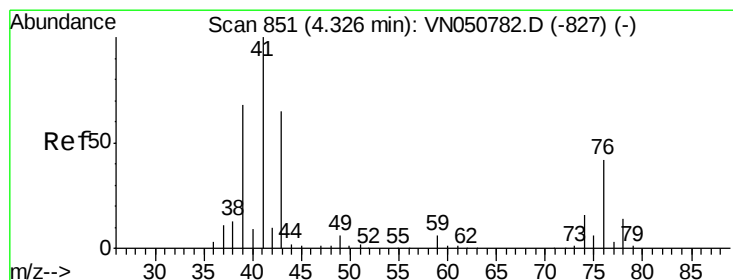
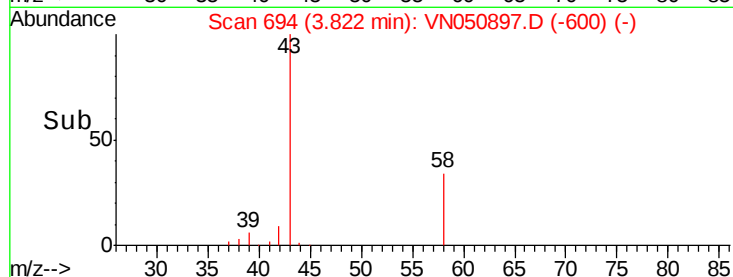
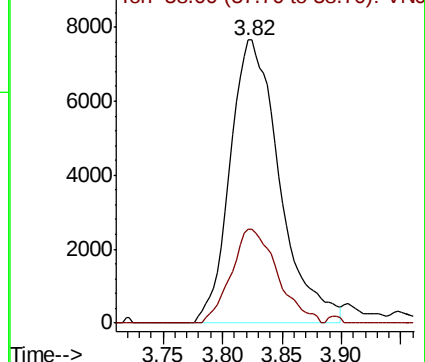
43 100

58 33.2 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 2.04 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN050897.D

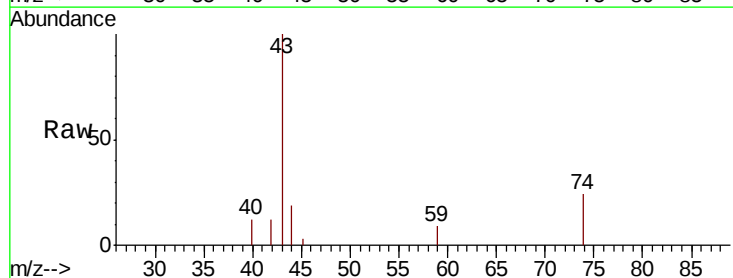
Acq: 27 Aug 2018 14:33

Tgt Ion: 43 Resp: 14552

Ion Ratio Lower Upper

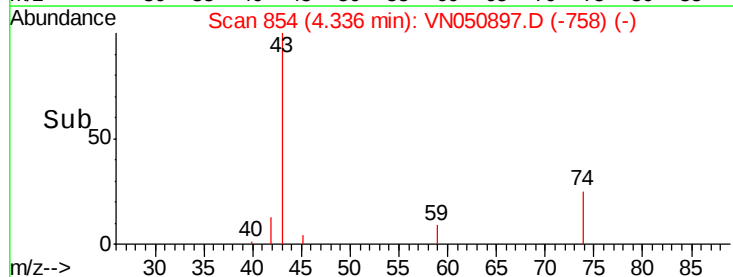
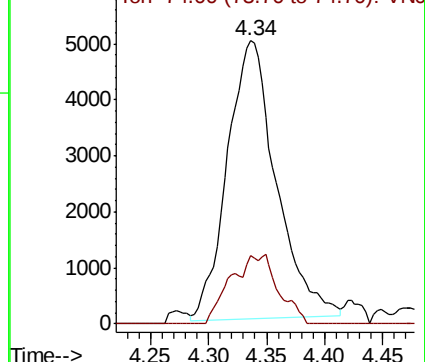
43 100

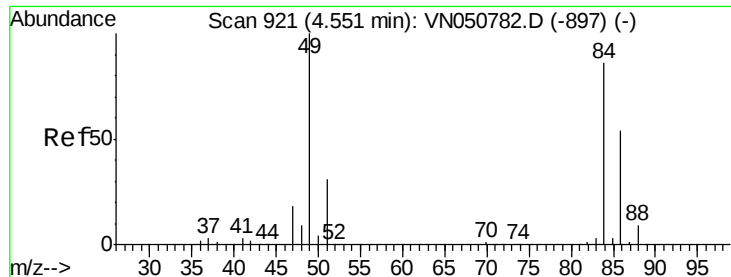
74 14.5 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

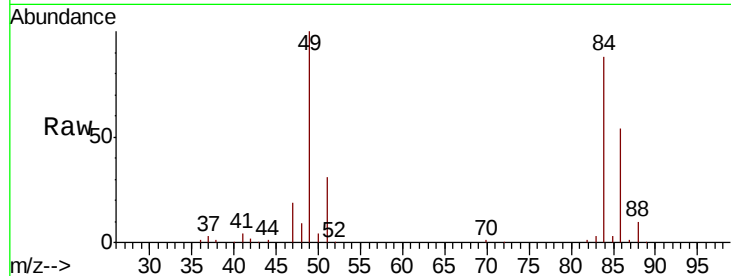




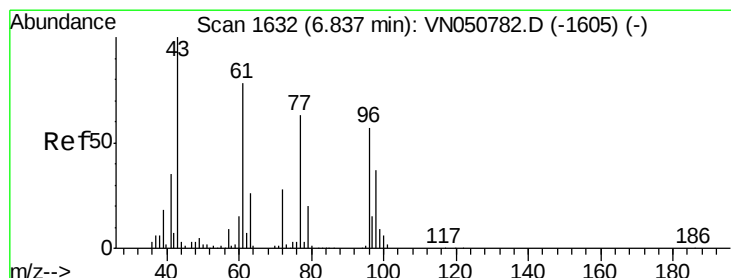
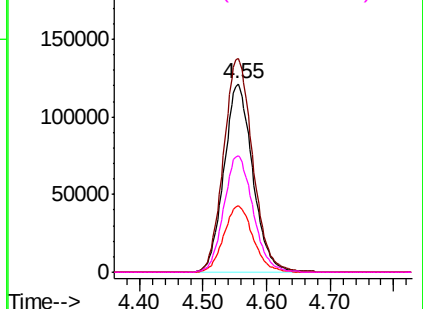
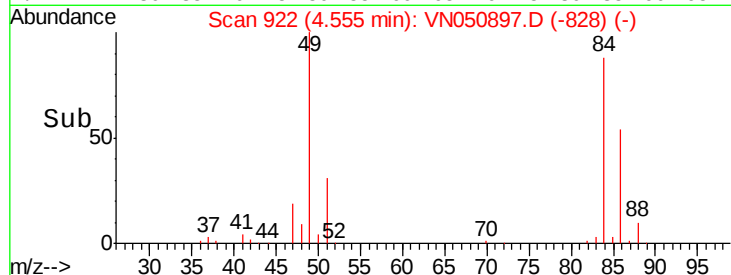
#20
Methvlene Chloride
Concen: 44.66 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050897.D
Acq: 27 Aug 2018 14:33

Instrument :
MSVOA_N
ClientSampleId :
PL-05-082418-A

Tot Ion: 84 Resp: 381085
Ion Ratio Lower Upper
84 100
49 113.5 93.2 139.8
51 35.1 29.0 43.6
86 61.8 49.8 74.8

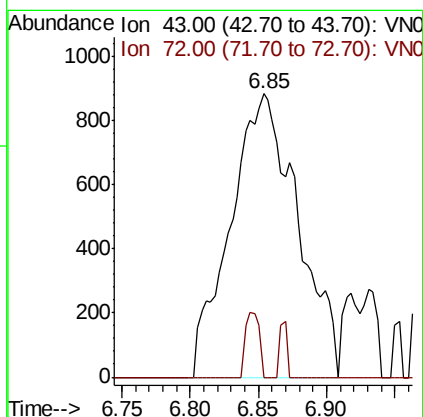
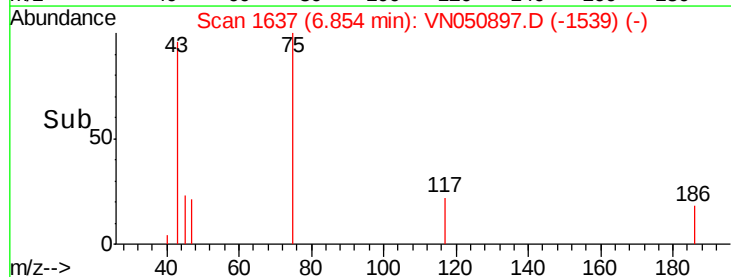
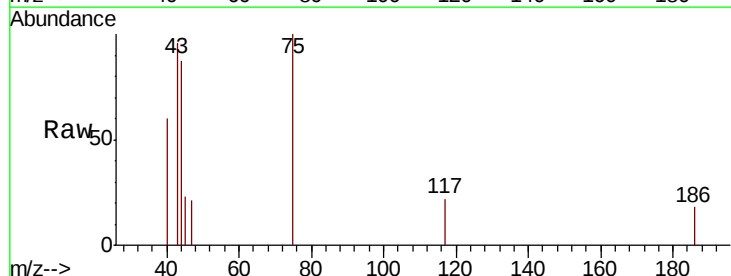


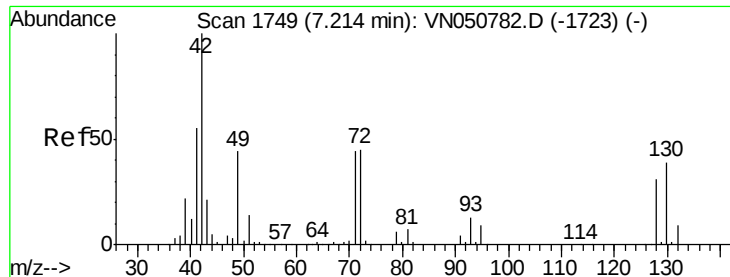
Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO



#25
2-Butanone
Concen: 0.99 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.02 min
Lab File: VN050897.D
Acq: 27 Aug 2018 14:33

Tgt Ion: 43 Resp: 3028
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#





#29

Tetrahydrofuran

Concen: 0.28 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050897.D

Acq: 27 Aug 2018 14:33

Instrument :

MSVOA_N

ClientSampleId :

PL-05-082418-A

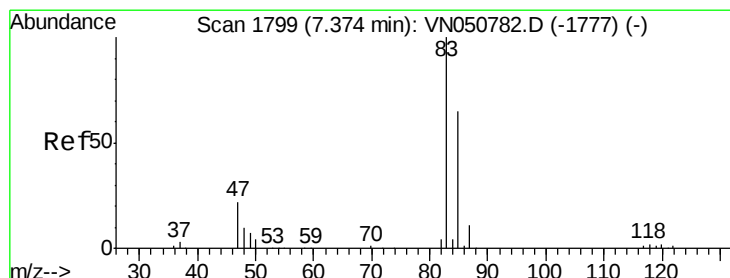
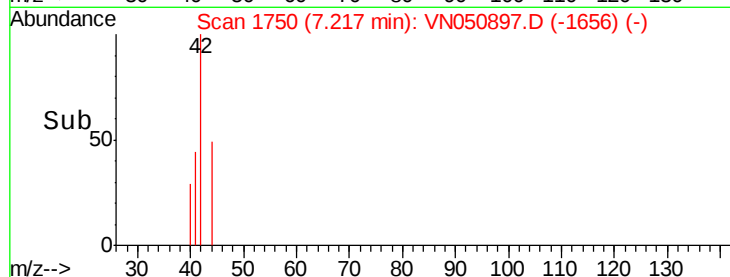
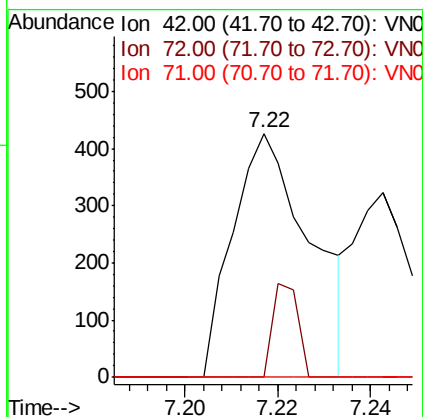
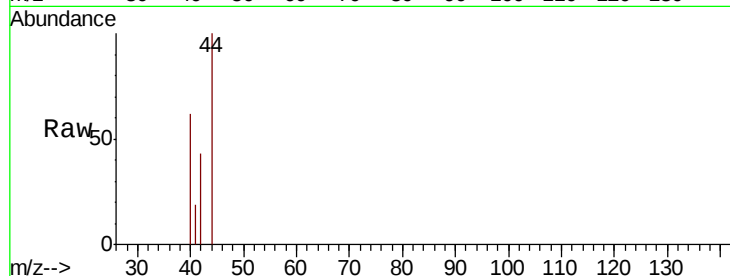
Tot Ion: 42 Resp: 491

Ion Ratio Lower Upper

42 100

72 12.4 35.5 53.3#

71 0.0 33.7 50.5#



#30

Chloroform

Concen: 0.73 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050897.D

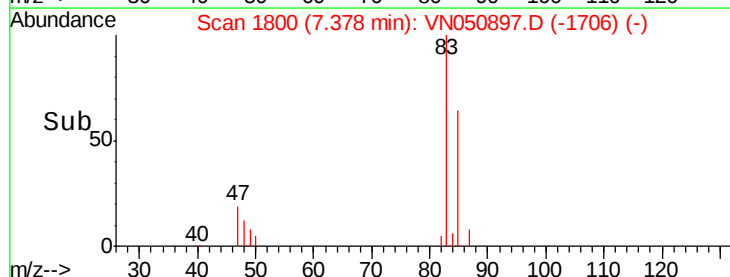
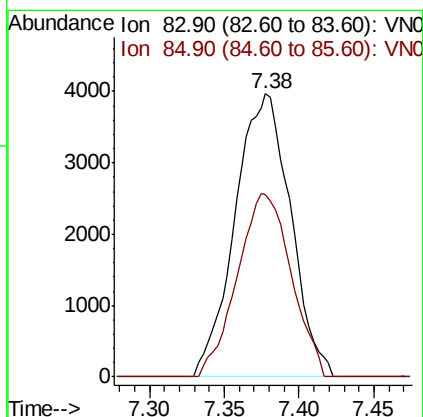
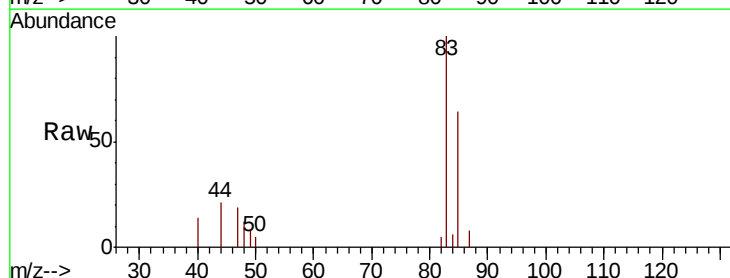
Acq: 27 Aug 2018 14:33

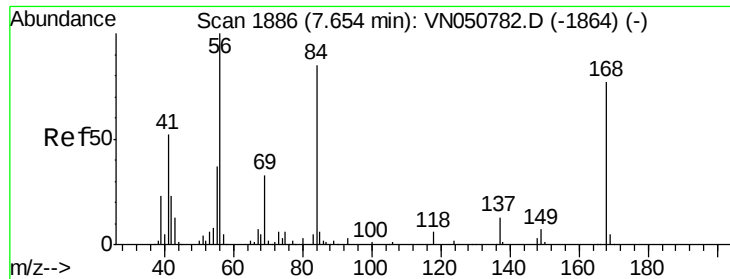
Tgt Ion: 83 Resp: 10239

Ion Ratio Lower Upper

83 100

85 64.3 52.2 78.4

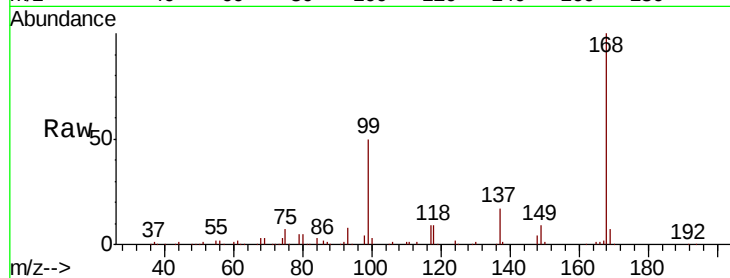




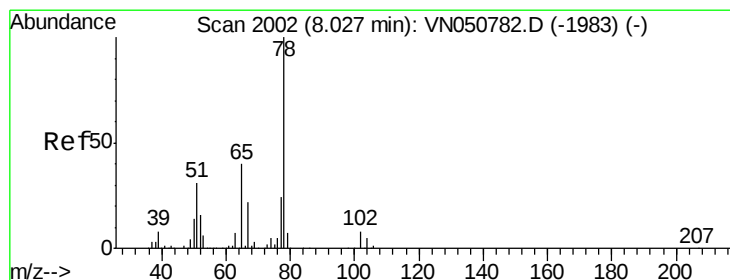
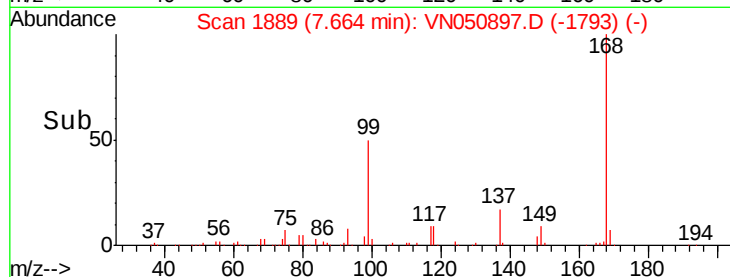
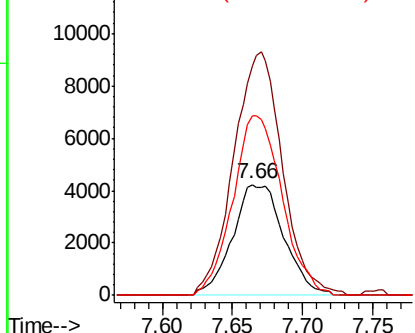
#31
Cyclohexane
Concen: 1.29 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN050897.D
Acq: 27 Aug 2018 14:33

Instrument :
MSVOA_N
ClientSampleId :
PL-05-082418-A

Tot Ion: 56 Resp: 10753
Ion Ratio Lower Upper
56 100
69 206.6 26.2 39.4#
84 161.6 68.3 102.5#

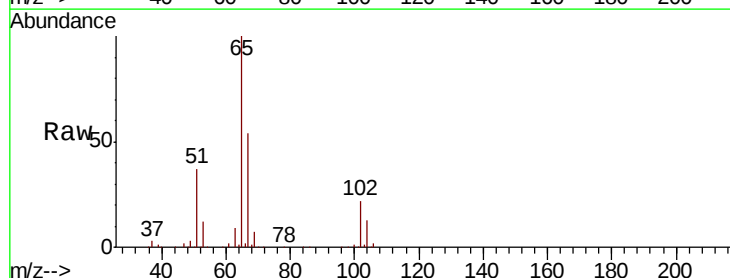


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

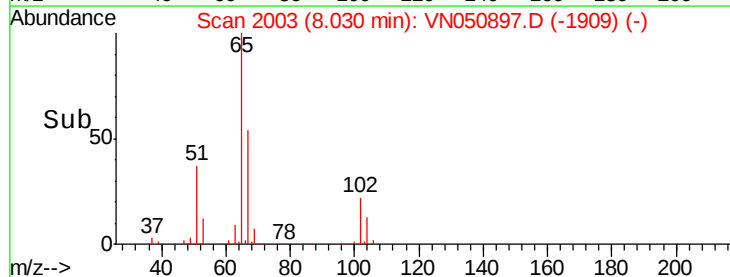
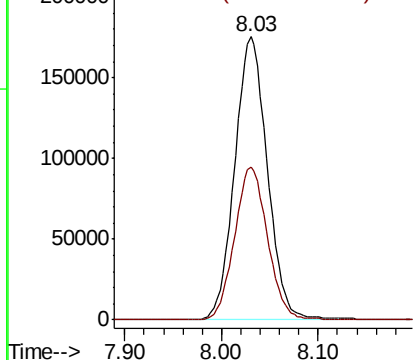


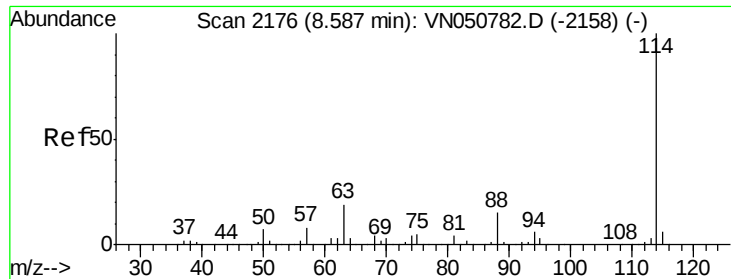
#33
1,2-Dichloroethane-d4
Concen: 54.18 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050897.D
Acq: 27 Aug 2018 14:33

Tgt Ion: 65 Resp: 410254
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.4



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

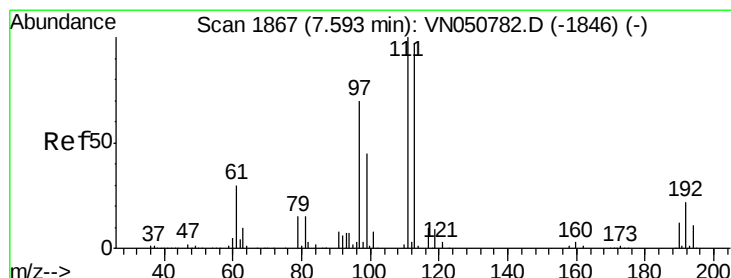
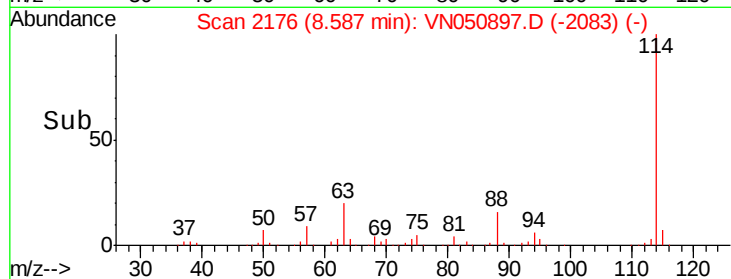
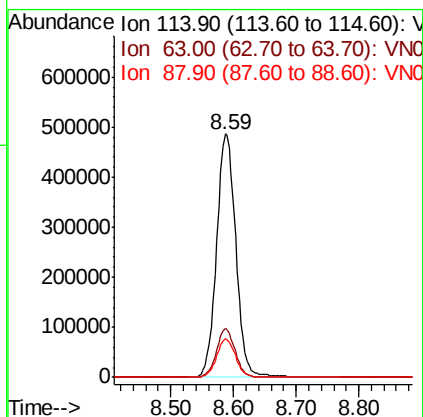
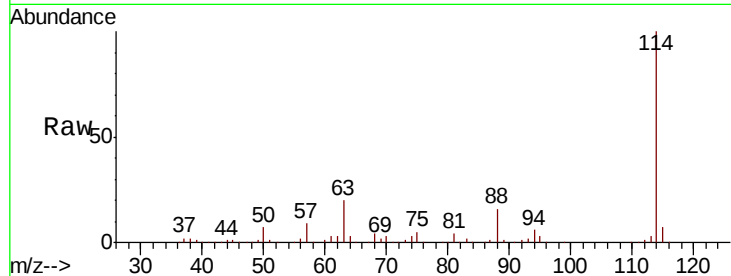




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050897.D
 Acq: 27 Aug 2018 14:33

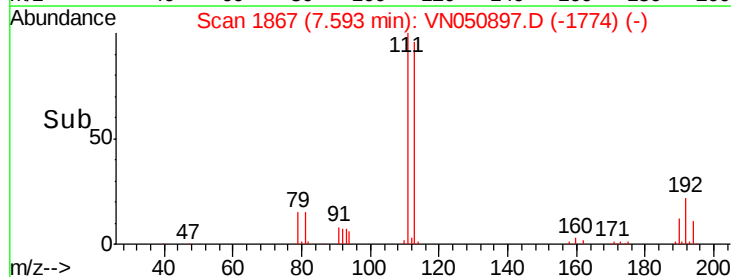
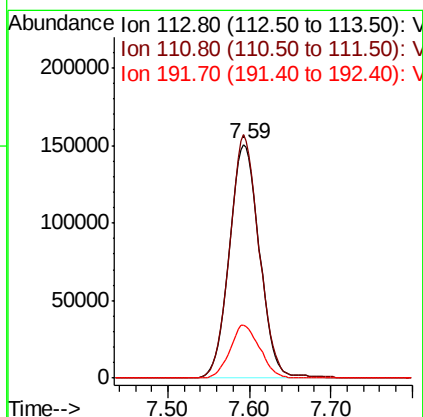
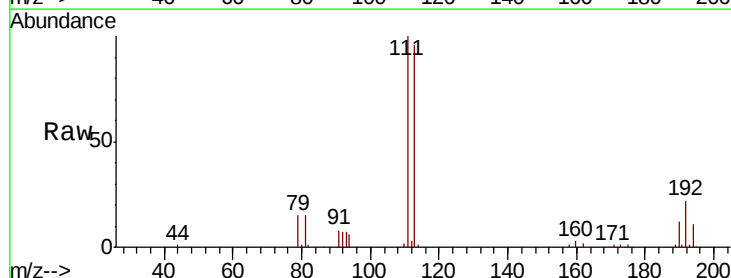
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-05-082418-A

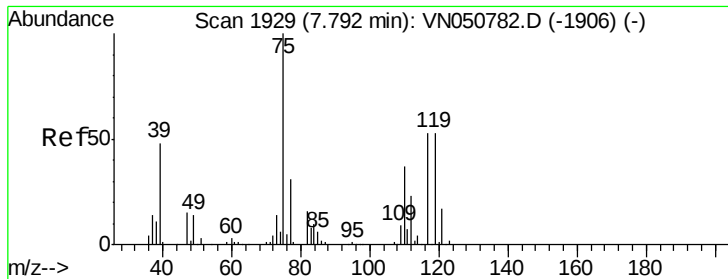
Tot Ion:114 Resp: 1029990
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.6
 88 15.7 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 47.57 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050897.D
 Acq: 27 Aug 2018 14:33

Tgt Ion:113 Resp: 389800
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.6 123.8
 192 22.2 18.0 27.0





#36

1,1-Dichloropropene

Concen: 3.50 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN050897.D

Acq: 27 Aug 2018 14:33

Instrument :

MSVOA_N

ClientSampleId :

PL-05-082418-A

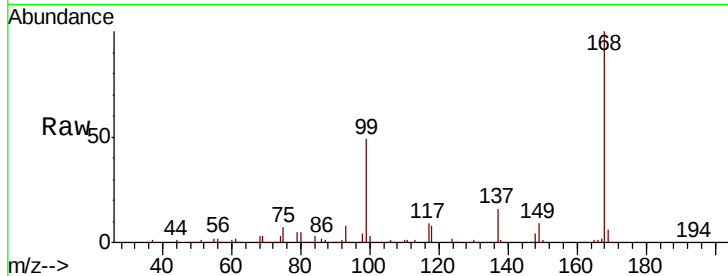
Tot Ion: 75 Resp: 42521

Ion Ratio Lower Upper

75 100

110 9.0 18.1 54.4#

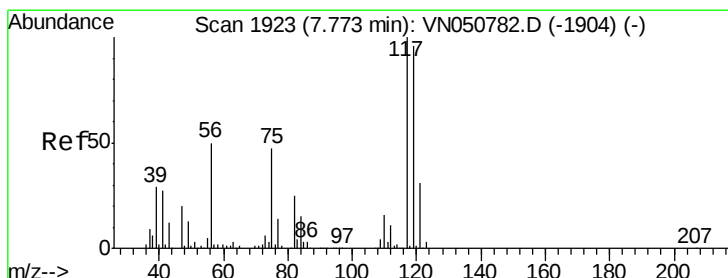
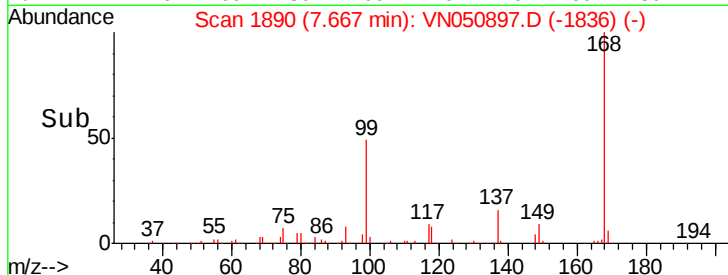
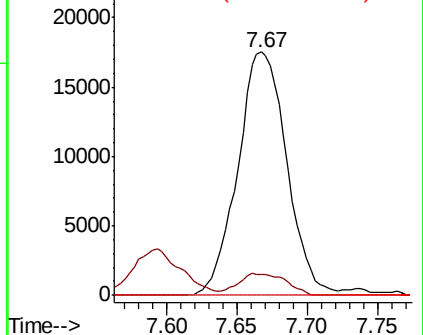
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VN050782.D (-1906) (-)

Ion 109.90 (109.60 to 110.60): VN050782.D (-1906) (-)

Ion 76.90 (76.60 to 77.60): VN050782.D (-1906) (-)



#38

Carbon Tetrachloride

Concen: 4.49 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050897.D

Acq: 27 Aug 2018 14:33

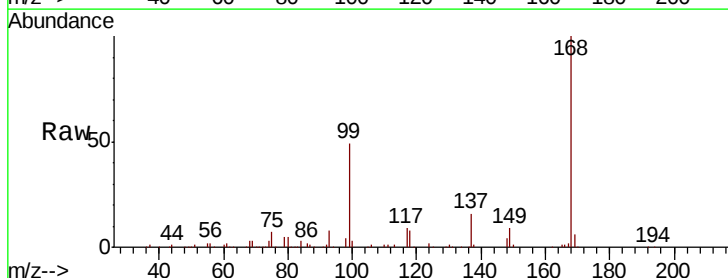
Tgt Ion: 117 Resp: 55164

Ion Ratio Lower Upper

117 100

119 4.9 76.3 114.5#

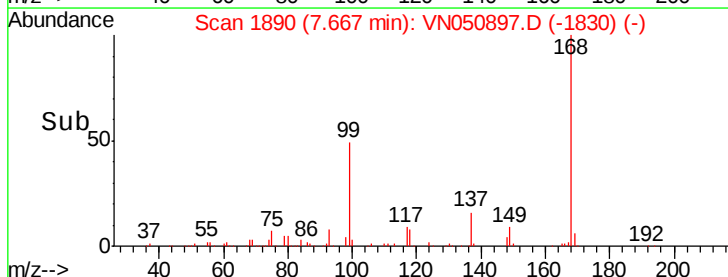
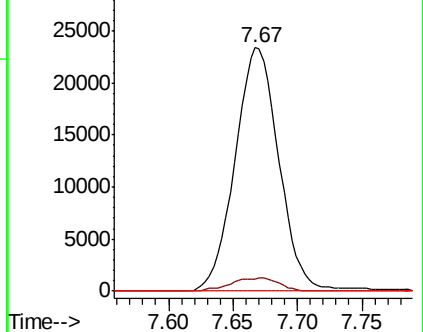
121 0.0 24.6 36.8#

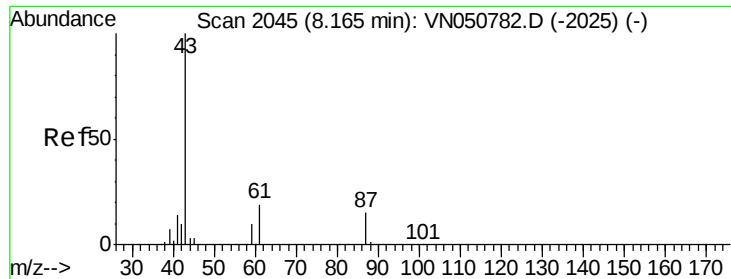


Abundance Ion 116.80 (116.50 to 117.50): VN050782.D (-1904) (-)

Ion 118.80 (118.50 to 119.50): VN050782.D (-1904) (-)

Ion 120.80 (120.50 to 121.50): VN050782.D (-1904) (-)





#43

Isopropyl Acetate

Concen: 19.12 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.01 min

Lab File: VN050897.D

Acq: 27 Aug 2018 14:33

Instrument :

MSVOA_N

ClientSampleId :

PL-05-082418-A

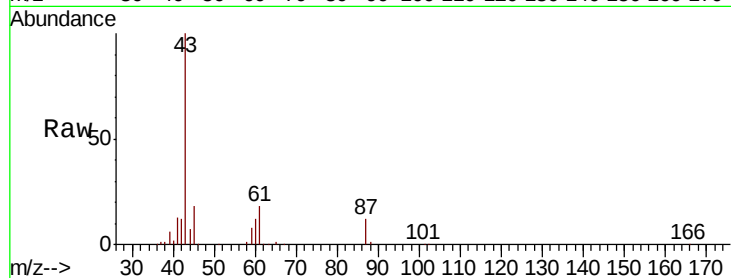
Tot Ion: 43 Resp: 229577

Ion Ratio Lower Upper

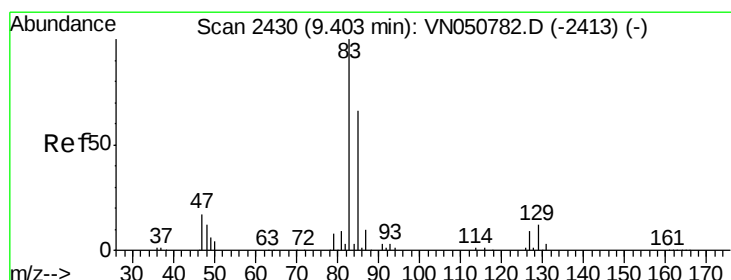
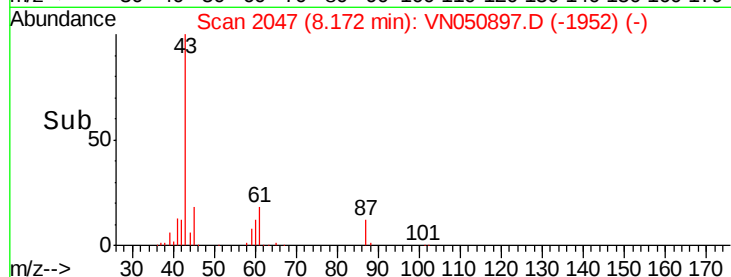
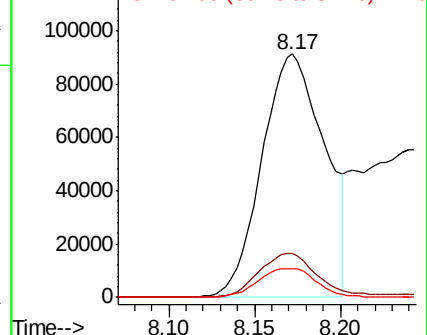
43 100

61 16.9 17.5 26.3#

87 11.0 11.3 16.9#



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



#47

Bromodichloromethane

Concen: 0.21 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN050897.D

Acq: 27 Aug 2018 14:33

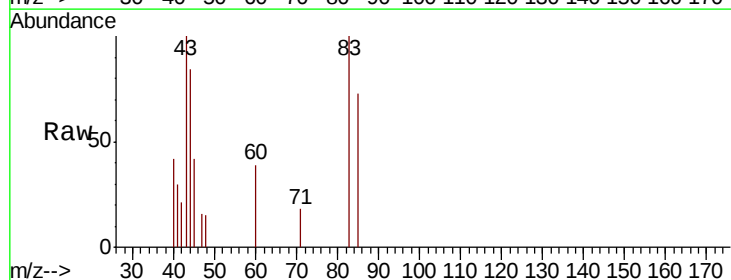
Tgt Ion: 83 Resp: 2540

Ion Ratio Lower Upper

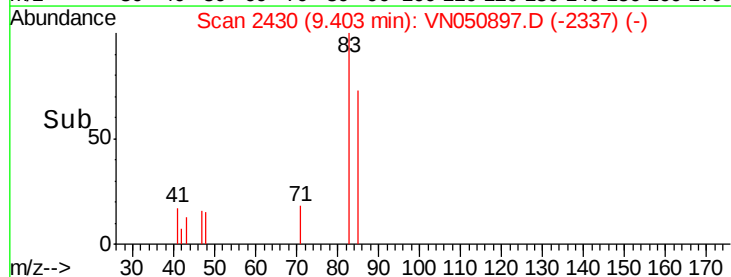
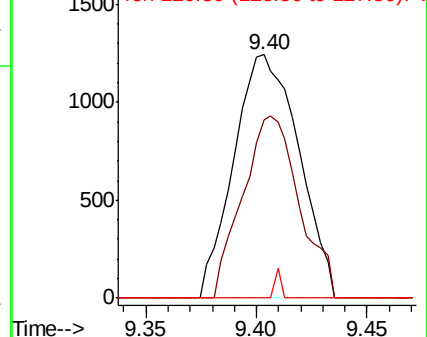
83 100

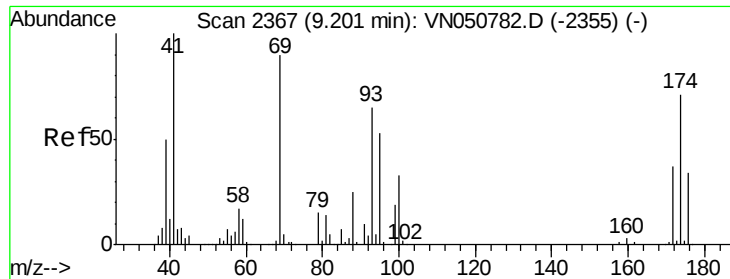
85 73.4 52.6 78.8

127 0.0 7.2 10.8#



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

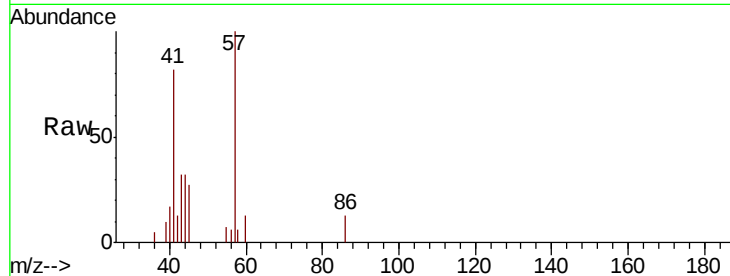




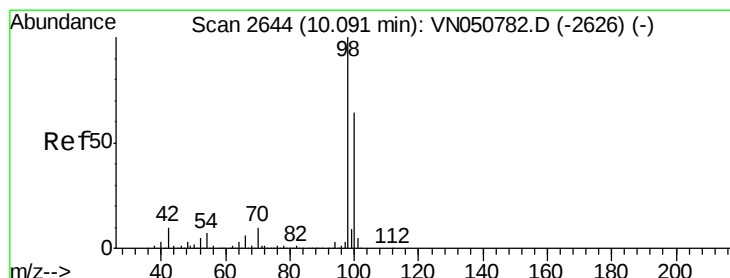
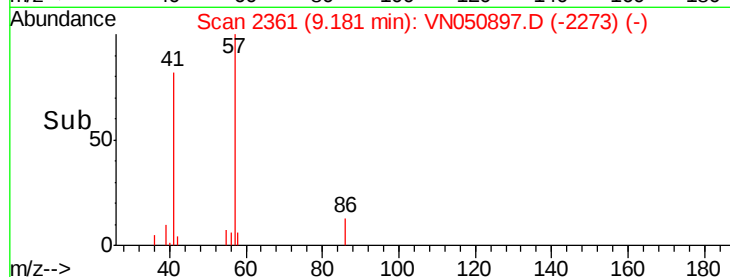
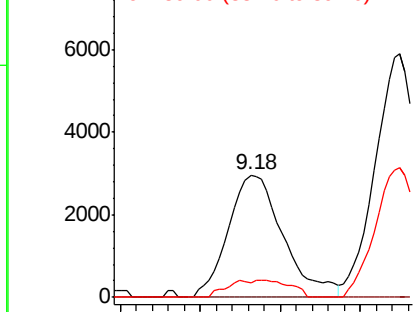
#48
Methyl methacrylate
Concen: 1.14 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050897.D
Acq: 27 Aug 2018 14:33

Instrument :
MSVOA_N
ClientSampleId :
PL-05-082418-A

Tot Ion: 41 Resp: 6979
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 6.4 42.2 63.2#

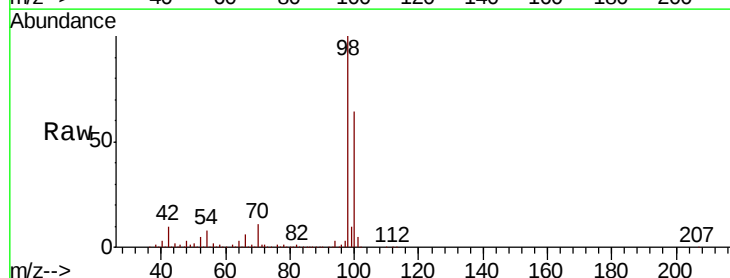


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

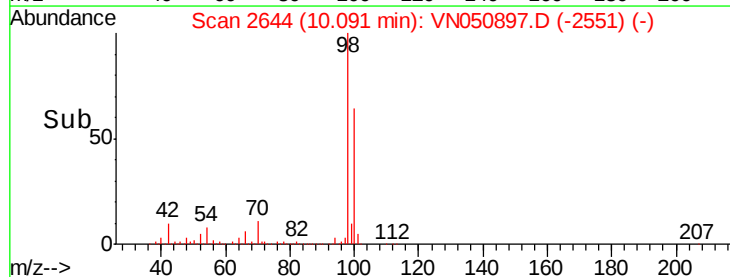
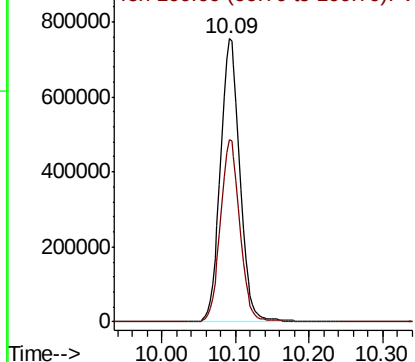


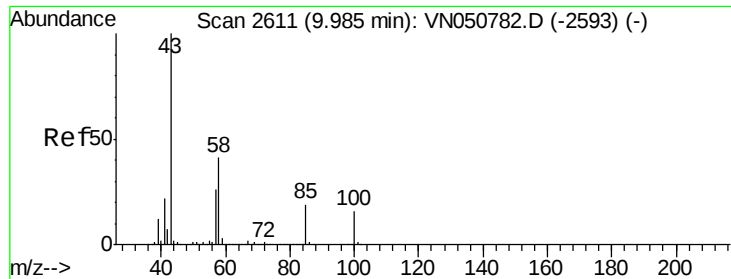
#50
Toluene-d8
Concen: 45.43 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050897.D
Acq: 27 Aug 2018 14:33

Tgt Ion: 98 Resp: 1391707
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



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





#51

4-Methyl-2-Pentanone

Concen: 0.31 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN050897.D

Acq: 27 Aug 2018 14:33

Instrument :

MSVOA_N

ClientSampleId :

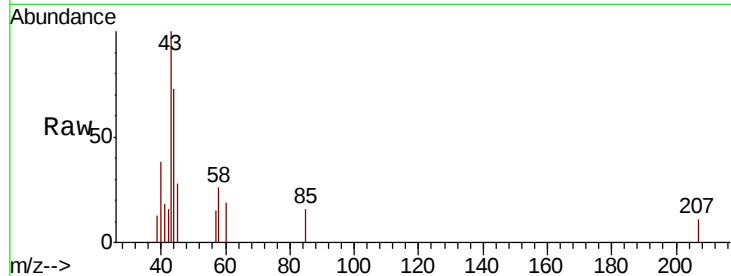
PL-05-082418-A

Tot Ion: 43 Resp: 2224

Ion Ratio Lower Upper

43 100

58 26.4 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3000

2500

2000

1500

1000

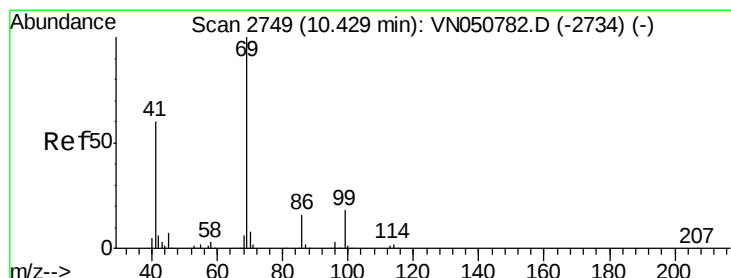
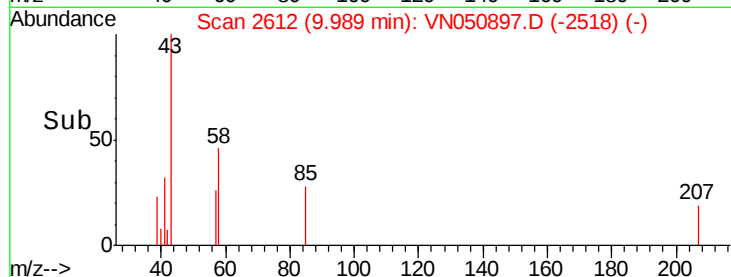
500

0

9.95

10.00

Time-->



#56

Ethyl methacrylate

Concen: 2.54 ug/l

RT: 10.23 min Scan# 2687

Delta R.T. -0.20 min

Lab File: VN050897.D

Acq: 27 Aug 2018 14:33

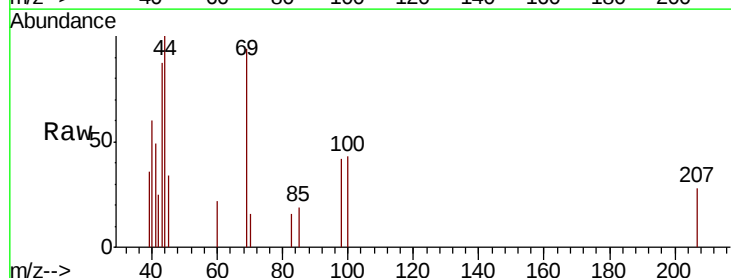
Tgt Ion: 69 Resp: 2096

Ion Ratio Lower Upper

69 100

41 39.4 48.3 72.5#

39 39.2 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

1000

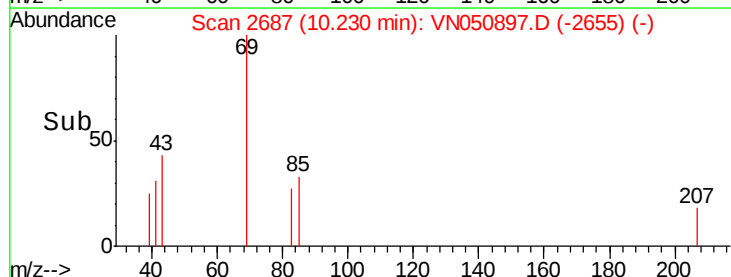
500

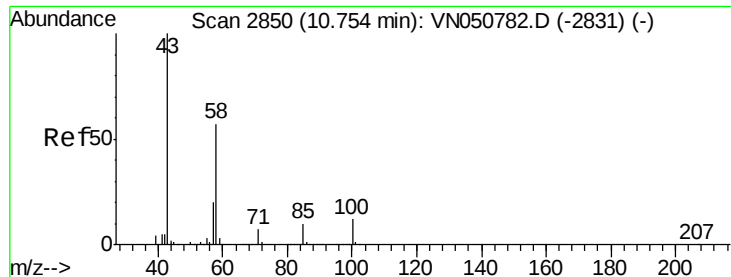
0

10.20

10.25

Time-->





#59

2-Hexanone

Concen: 1.86 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050897.D

Acq: 27 Aug 2018 14:33

Instrument :

MSVOA_N

ClientSampleId :

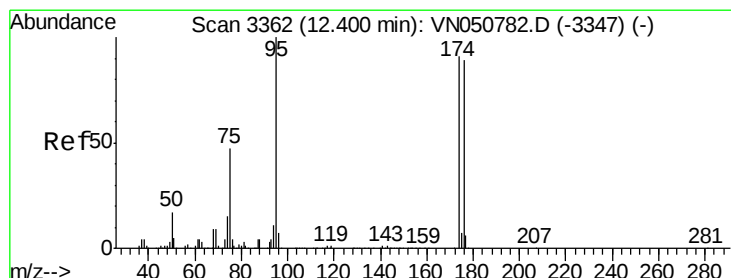
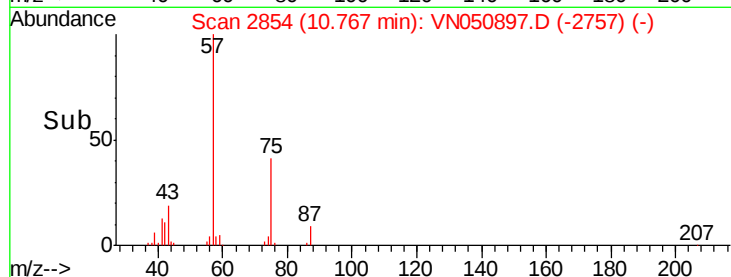
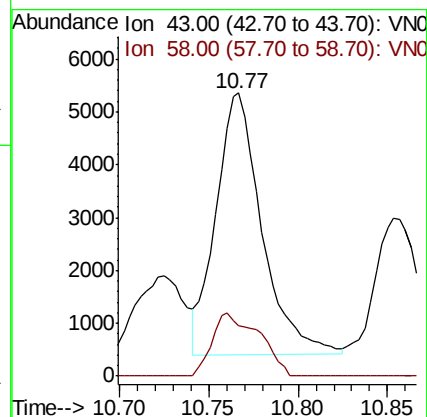
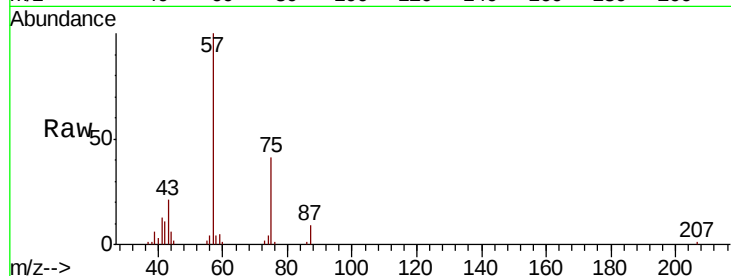
PL-05-082418-A

Tot Ion: 43 Resp: 8855

Ion Ratio Lower Upper

43 100

58 24.6 28.3 85.0#



#62

4-Bromofluorobenzene

Concen: 37.22 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050897.D

Acq: 27 Aug 2018 14:33

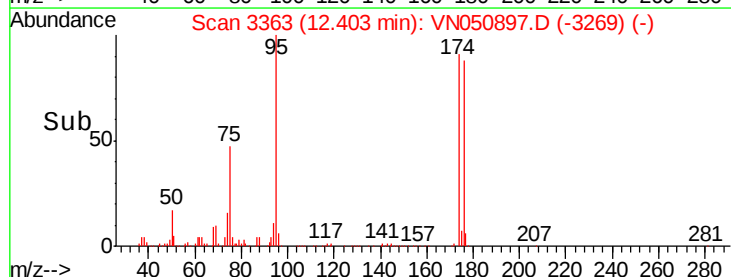
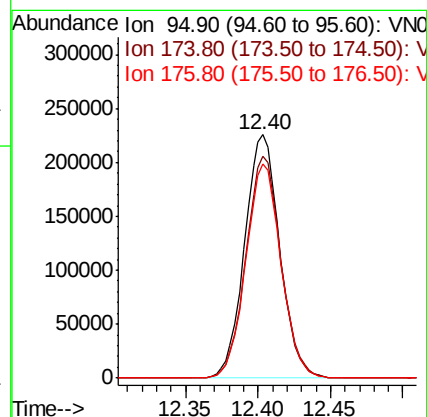
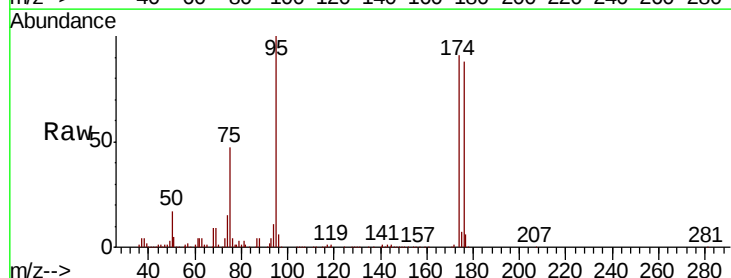
Tgt Ion: 95 Resp: 378874

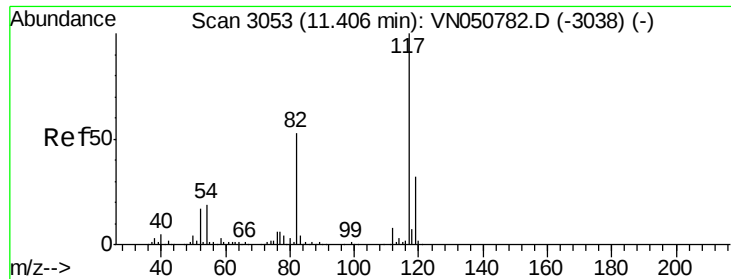
Ion Ratio Lower Upper

95 100

174 91.3 0.0 183.0

176 88.5 0.0 178.8

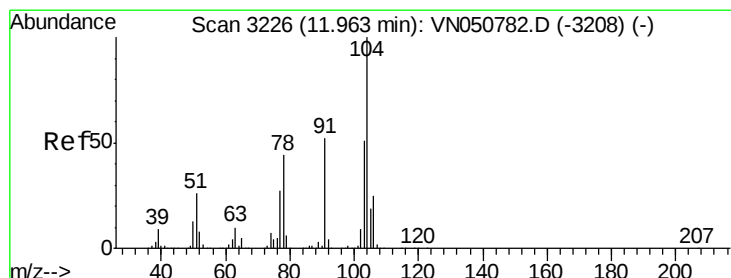
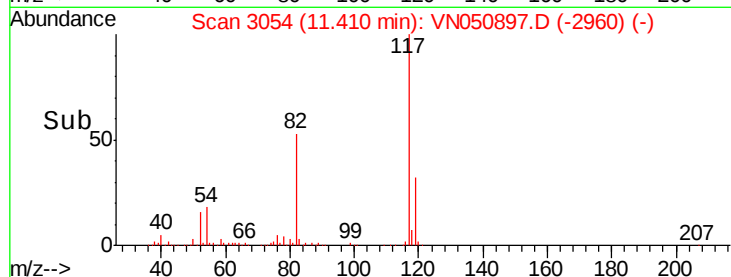
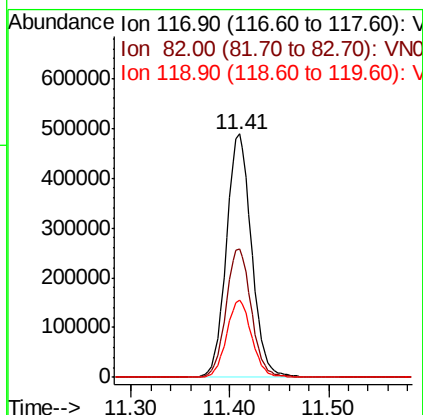
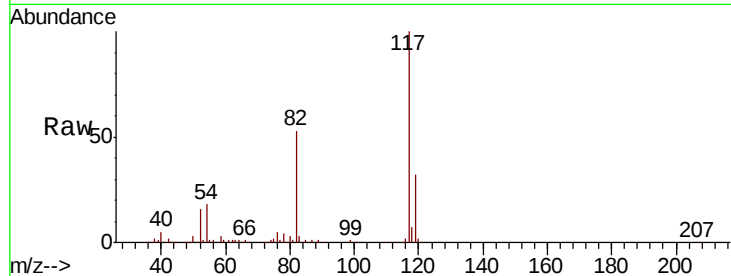




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050897.D
Acq: 27 Aug 2018 14:33

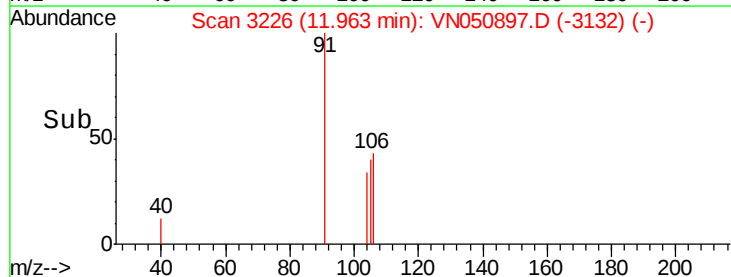
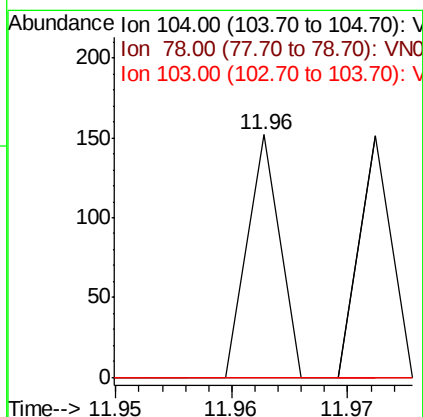
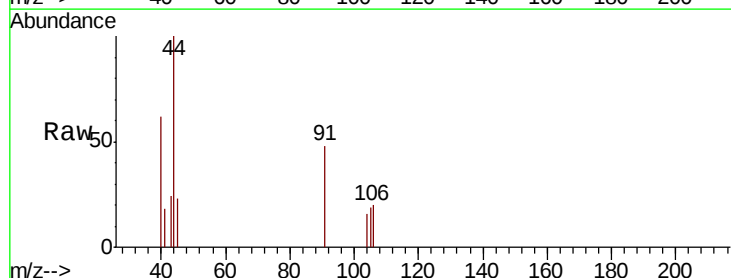
Instrument :
MSVOA_N
ClientSampleId :
PL-05-082418-A

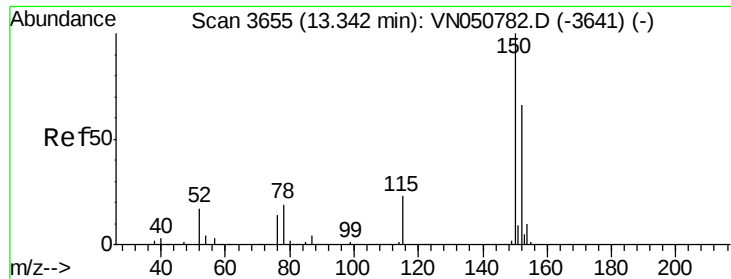
Tot Ion:117 Resp: 866592
Ion Ratio Lower Upper
117 100
82 52.9 42.6 64.0
119 31.8 25.8 38.6



#70
Styrene
Concen: 1.27 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050897.D
Acq: 27 Aug 2018 14:33

Tgt Ion:104 Resp: 29
Ion Ratio Lower Upper
104 100
78 0.0 38.2 57.4#
103 0.0 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: VN050897.D

Acq: 27 Aug 2018 14:33

Instrument :

MSVOA_N

ClientSampleId :

PL-05-082418-A

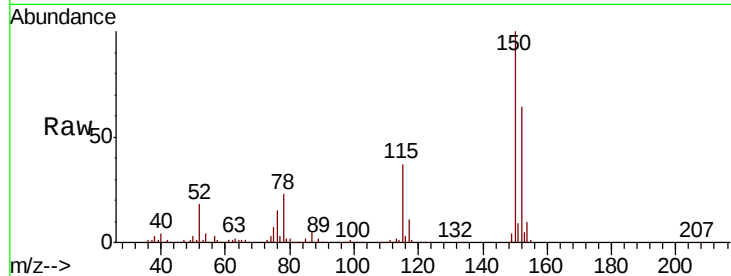
Tot Ion:152 Resp: 297495

Ion Ratio Lower Upper

152 100

115 56.7 27.8 83.4

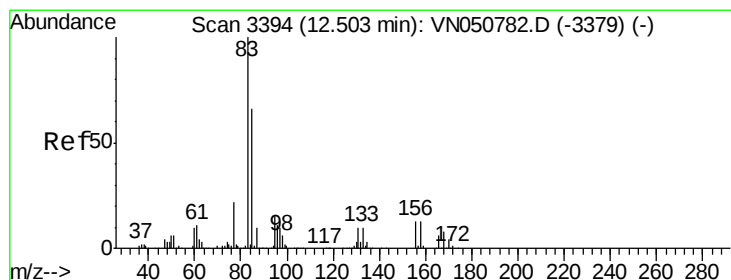
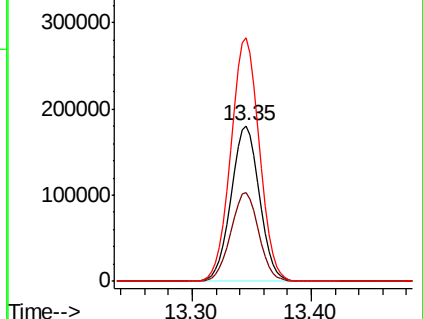
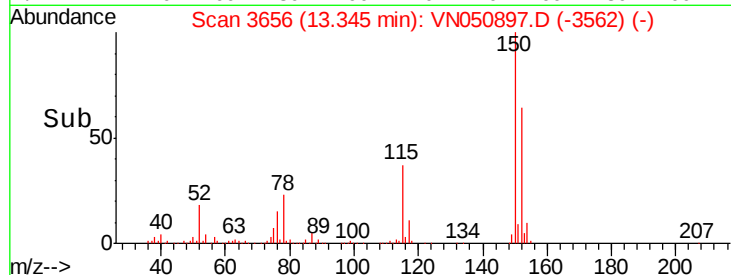
150 157.3 0.0 351.4



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: 12.45 min Scan# 3379

Delta R.T. -0.05 min

Lab File: VN050897.D

Acq: 27 Aug 2018 14:33

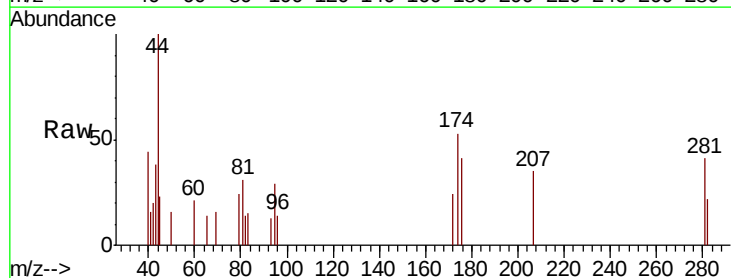
Tgt Ion: 83 Resp: 33

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

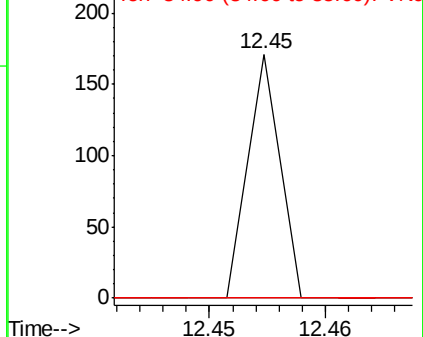
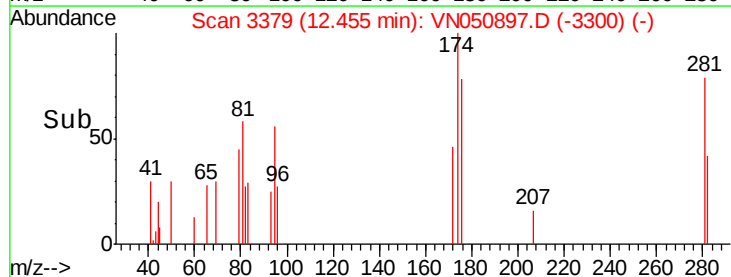
85 0.0 31.9 95.7#

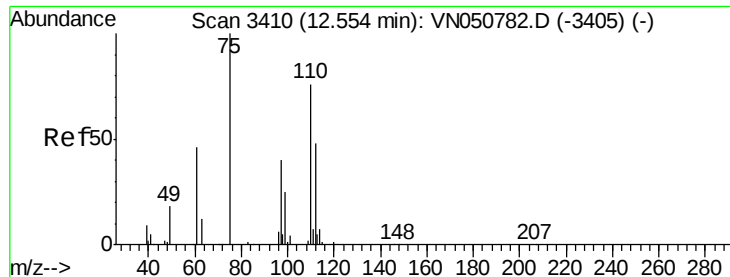


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 34.17 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050897.D

Acq: 27 Aug 2018 14:33

Instrument :

MSVOA_N

ClientSampleId :

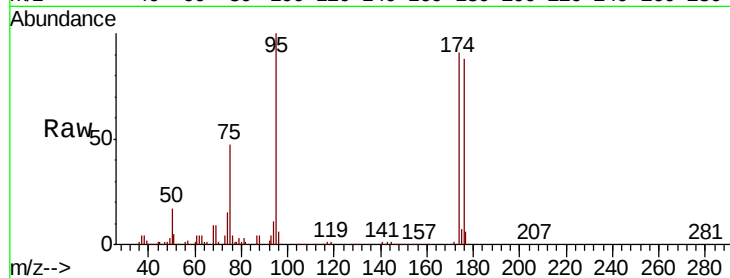
PL-05-082418-A

Tot Ion: 75 Resp: 178030

Ion Ratio Lower Upper

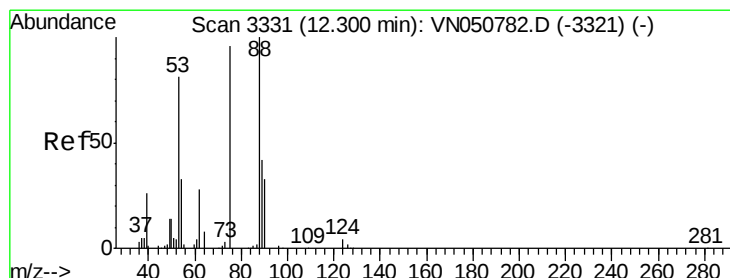
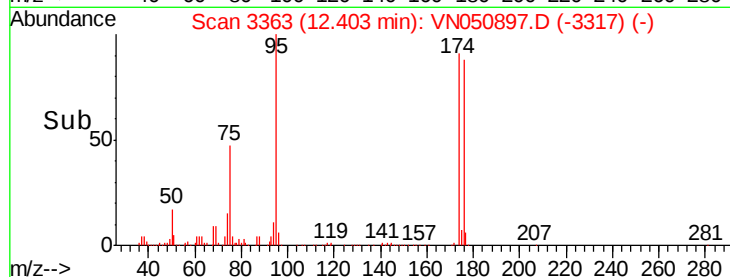
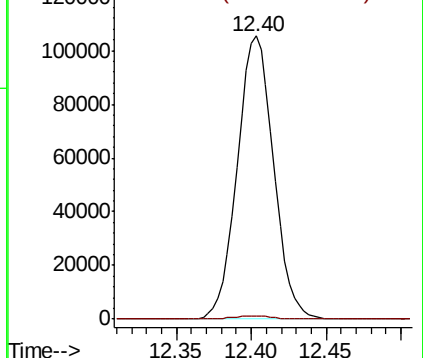
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 115.50 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050897.D

Acq: 27 Aug 2018 14:33

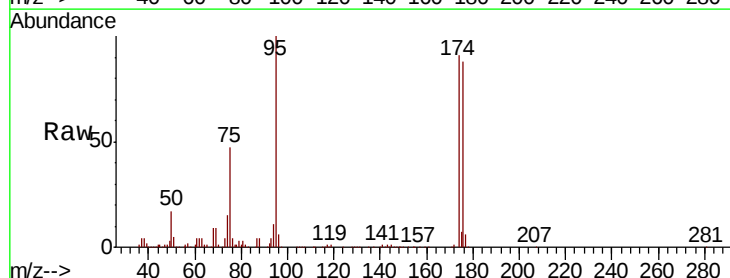
Tgt Ion: 75 Resp: 178030

Ion Ratio Lower Upper

75 100

53 0.2 68.9 103.3#

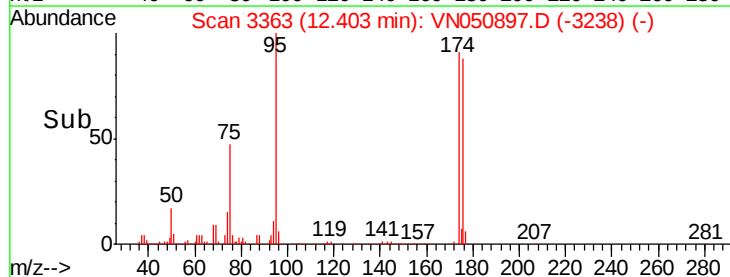
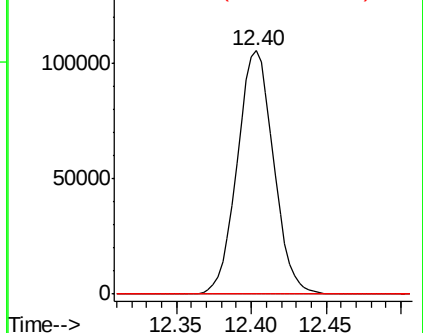
89 0.0 36.1 54.1#

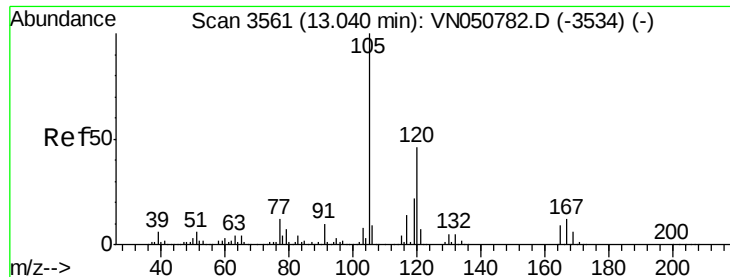


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#84

1,2,4-Trimethylbenzene

Concen: 0.24 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050897.D

Acq: 27 Aug 2018 14:33

Instrument :

MSVOA_N

ClientSampleId :

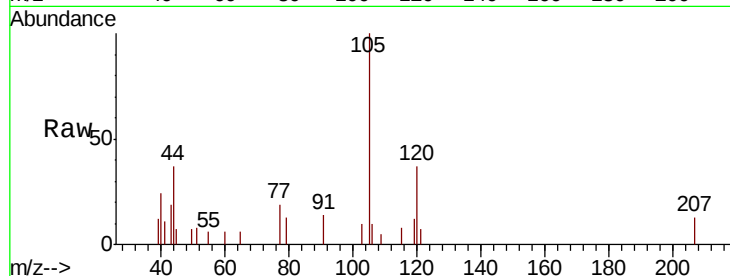
PL-05-082418-A

Tot Ion:105 Resp: 4816

Ion Ratio Lower Upper

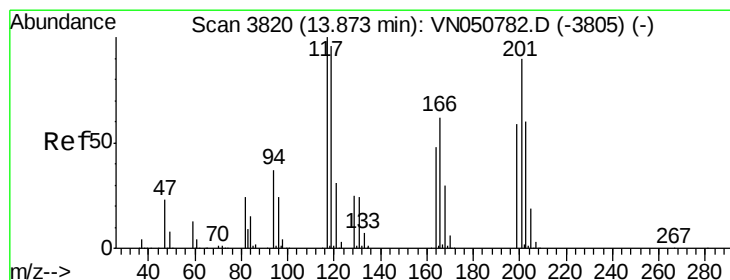
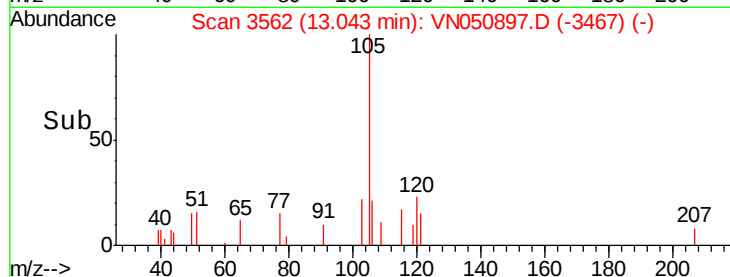
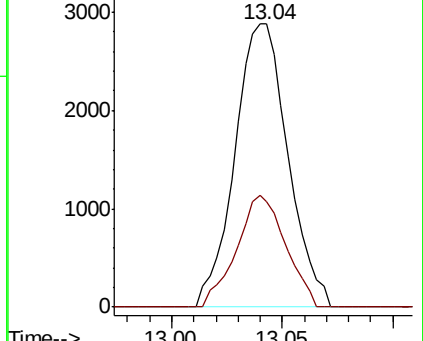
105 100

120 36.5 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#90

Hexachloroethane

Concen: 0.34 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050897.D

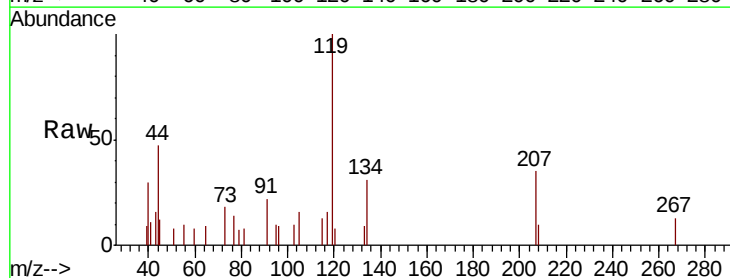
Acq: 27 Aug 2018 14:33

Tgt Ion:117 Resp: 588

Ion Ratio Lower Upper

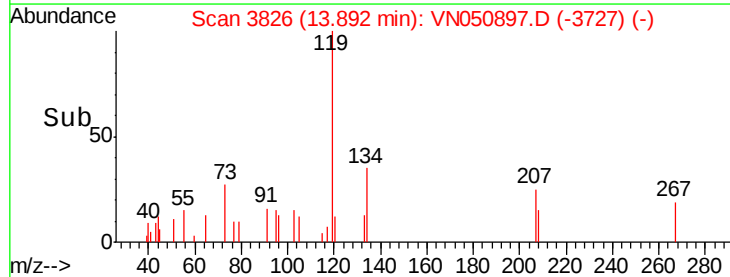
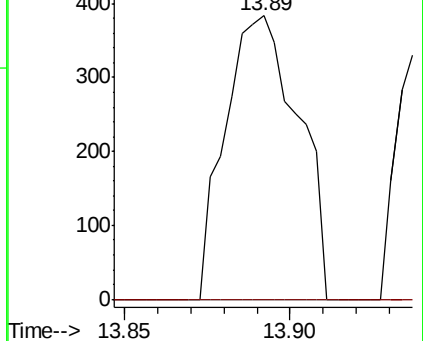
117 100

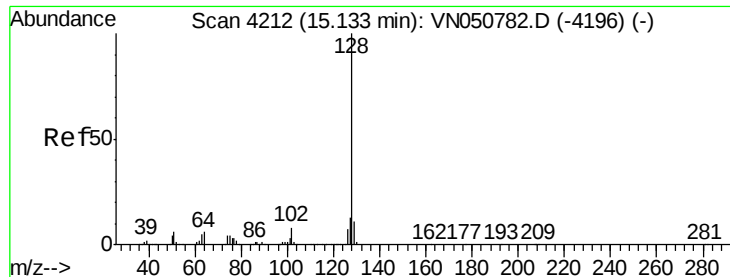
201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#95

Naphthalene

Concen: 6.34 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050897.D

Acq: 27 Aug 2018 14:33

Instrument :

MSVOA_N

ClientSampleId :

PL-05-082418-A

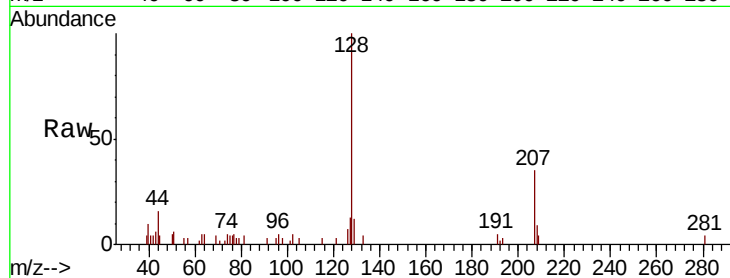
Tot Ion:128 Resp: 12572

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

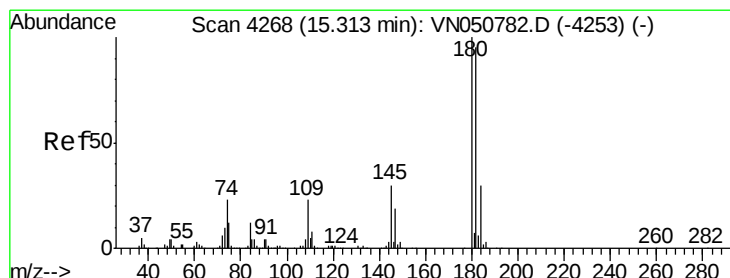
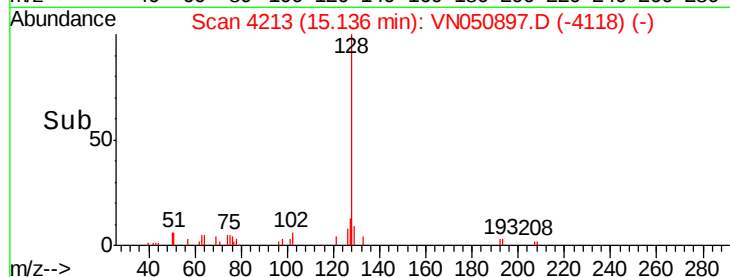
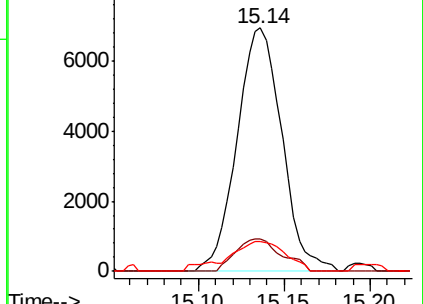
129 15.7 8.7 13.1#



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: 3.30 ug/l

RT: 15.31 min Scan# 4267

Delta R.T. -0.00 min

Lab File: VN050897.D

Acq: 27 Aug 2018 14:33

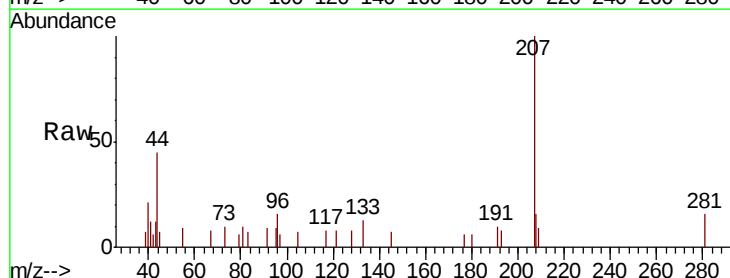
Tgt Ion:180 Resp: 30

Ion Ratio Lower Upper

180 100

182 0.0 48.0 144.2#

145 1693.3 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

