

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082718\
 Data File : VN050898.D
 Acq On : 27 Aug 2018 14:58
 Operator : MD\SY
 Sample : J4280-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 28 01:39:41 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	635020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1040231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	889492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	335601	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	415457	54.35	ug/l	0.00
Spiked Amount			Recovery	=	108.70%	
35) Dibromofluoromethane	7.59	113	392753	47.46	ug/l	0.00
Spiked Amount			Recovery	=	94.92%	
50) Toluene-d8	10.09	98	1418843	45.86	ug/l	0.00
Spiked Amount			Recovery	=	91.72%	
62) 4-Bromofluorobenzene	12.40	95	404660	39.36	ug/l	0.00
Spiked Amount			Recovery	=	78.72%	

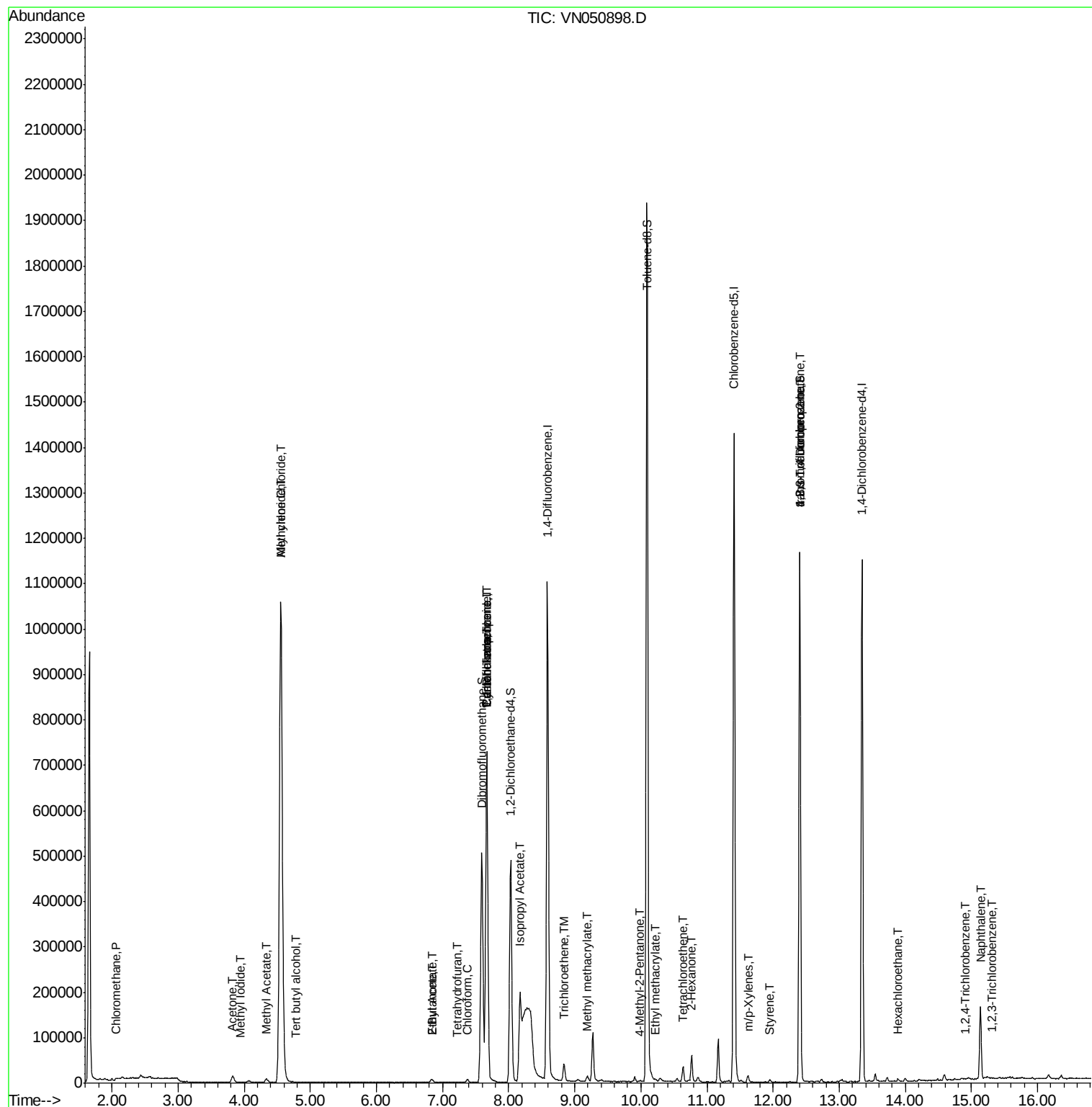
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2391	0.23	ug/l	99
5) Bromomethane	2.58	94	2265	Below Cal	#	79
10) Methyl Iodide	3.95	142	638	6.42	ug/l	# 43
11) Tert butyl alcohol	4.79	59	142	0.29	ug/l	# 72
14) Allyl chloride	4.55	41	31508	2.84	ug/l	# 26
16) Acetone	3.82	43	23845	6.29	ug/l	98
18) Methyl Acetate	4.34	43	16496	2.29	ug/l	93
20) Methylene Chloride	4.55	84	863359	100.20	ug/l	98
25) 2-Butanone	6.85	43	3503	1.14	ug/l	90
29) Tetrahydrofuran	7.22	42	741	0.42	ug/l	# 33
30) Chloroform	7.37	83	7441	0.53	ug/l	92
31) Cyclohexane	7.66	56	10457	1.26	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	42499	3.46	ug/l	# 48
37) Ethyl Acetate	6.85	43	3503	0.50	ug/l	# 73
38) Carbon Tetrachloride	7.67	117	54951	4.43	ug/l	# 17
43) Isopropyl Acetate	8.17	43	235904	19.46	ug/l	# 91
44) Trichloroethene	8.84	130	14344	1.47	ug/l	98
48) Methyl methacrylate	9.19	41	6522	1.06	ug/l	# 15
51) 4-Methyl-2-Pentanone	9.99	43	1698	0.23	ug/l	# 85
56) Ethyl methacrylate	10.23	69	2218	2.55	ug/l	# 72
59) 2-Hexanone	10.77	43	8566	1.78	ug/l	# 57
64) Tetrachloroethene	10.63	164	3806	0.45	ug/l	97
68) m/p-Xylenes	11.62	106	4531	0.32	ug/l	97
70) Styrene	11.96	104	533	1.29	ug/l	# 68
75) 1,1,2,2-Tetrachloroethane	12.40	83	302	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	189379	32.22	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.40	75	189379	108.92	ug/l	# 15
90) Hexachloroethane	13.89	117	286	0.25	ug/l	# 4
93) 1,2,4-Trichlorobenzene	14.91	180	29	4.09	ug/l	# 1
95) Naphthalene	15.14	128	139110	14.65	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	66	3.31	ug/l	# 1

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

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050898.D

Acq: 27 Aug 2018 14:58

Instrument :

MSVOA_N

ClientSampleId :

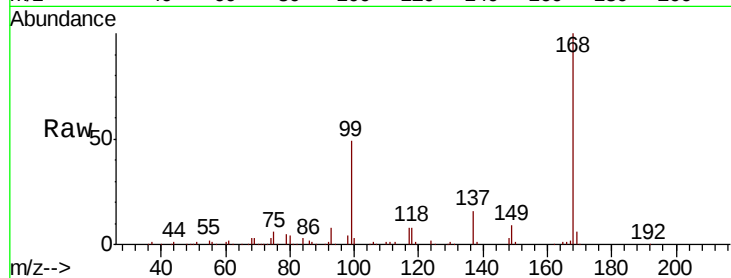
PL-05-082418-B

Tot Ion:168 Resp: 635020

Ion Ratio Lower Upper

168 100

99 49.4 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050782.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050782.D (-1870) (-)

7.67

250000

200000

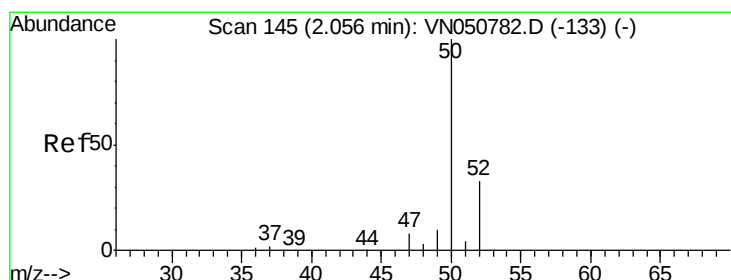
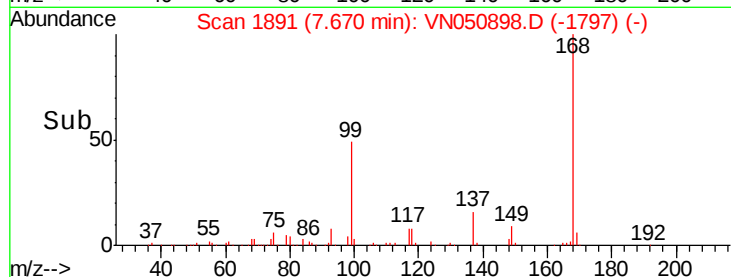
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.23 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050898.D

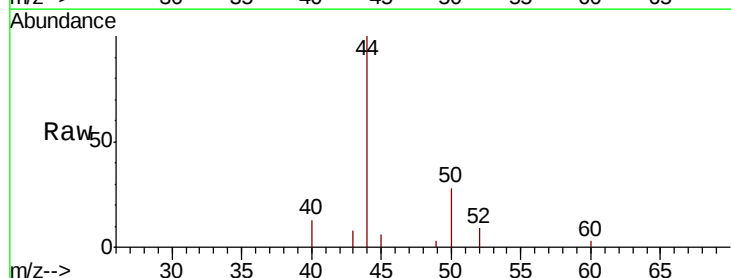
Acq: 27 Aug 2018 14:58

Tgt Ion: 50 Resp: 2391

Ion Ratio Lower Upper

50 100

52 33.4 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN050782.D (-133) (-)

Ion 51.90 (51.60 to 52.60): VN050782.D (-133) (-)

2000

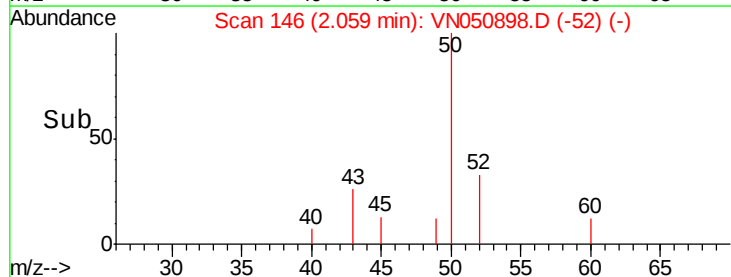
1500

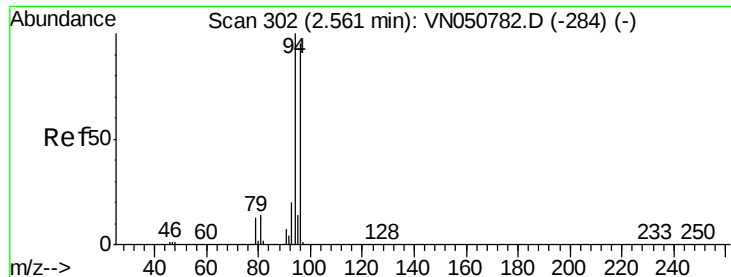
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 307

Delta R.T. 0.02 min

Lab File: VN050898.D

Acq: 27 Aug 2018 14:58

Instrument :

MSVOA_N

ClientSampleId :

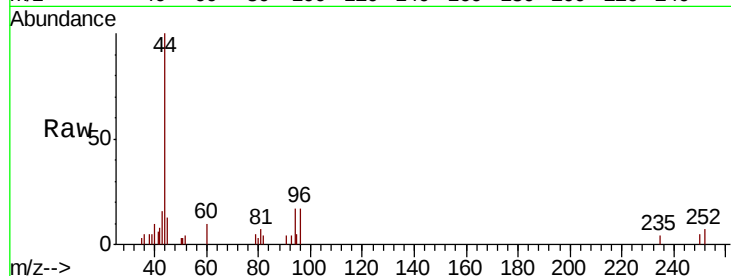
PL-05-082418-B

Tot Ion: 94 Resp: 2265

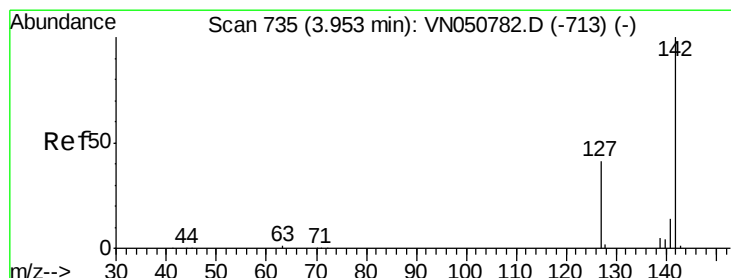
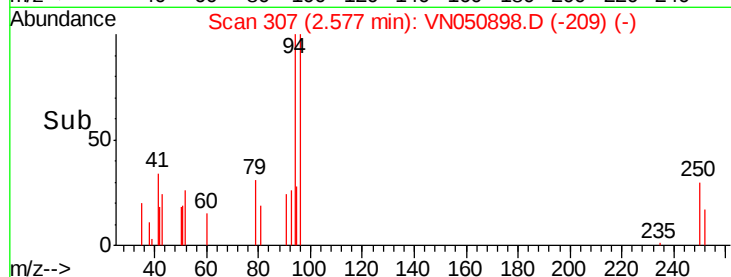
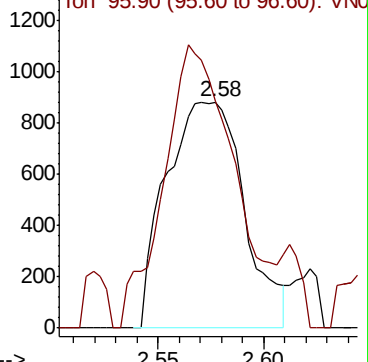
Ion Ratio Lower Upper

94 100

96 75.1 76.2 114.2#



Abundance Ion 93.90 (93.60 to 94.60): VN050898.D (-209) (-)



#10

Methyl Iodide

Concen: 6.42 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050898.D

Acq: 27 Aug 2018 14:58

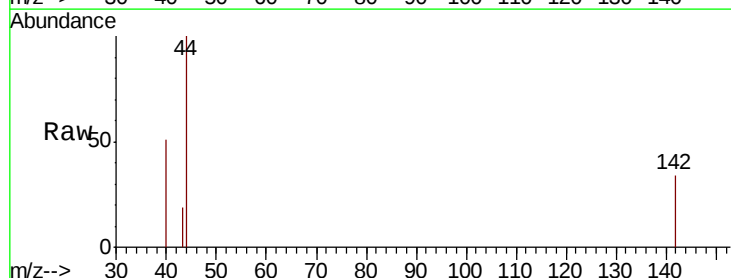
Tgt Ion: 142 Resp: 638

Ion Ratio Lower Upper

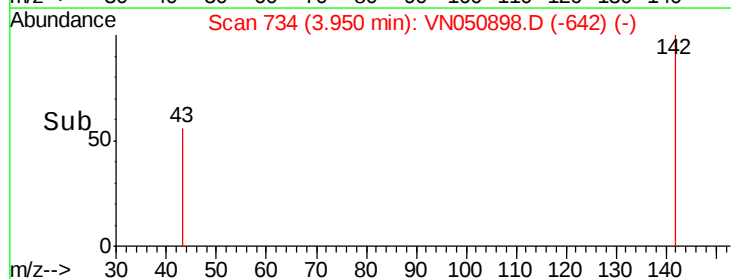
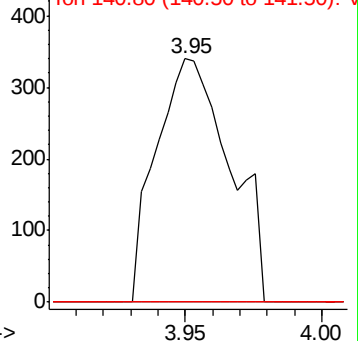
142 100

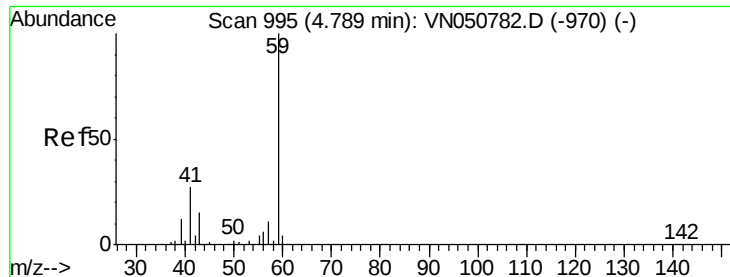
127 0.0 31.7 47.5#

141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): VN050898.D (-642) (-)





#11

Tert butyl alcohol

Concen: 0.29 ug/l

RT: 4.79 min Scan# 996

Delta R.T. 0.00 min

Lab File: VN050898.D

Acq: 27 Aug 2018 14:58

Instrument :

MSVOA_N

ClientSampleId :

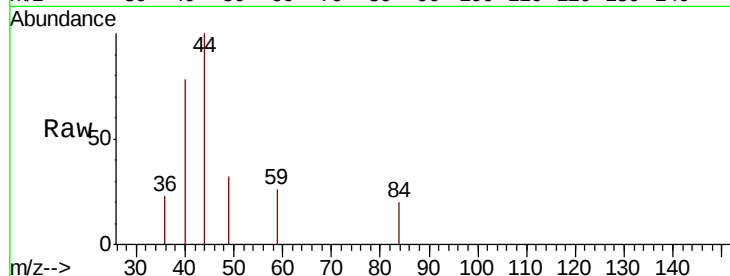
PL-05-082418-B

Tot Ion: 59 Resp: 142

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.79

200

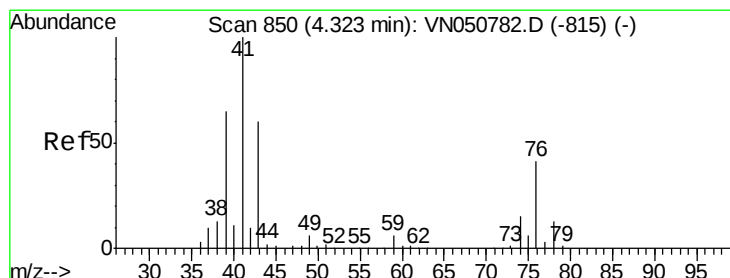
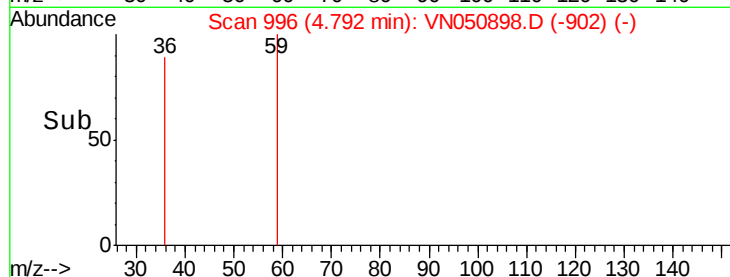
150

100

50

0

Time-->



#14

Allyl chloride

Concen: 2.84 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.23 min

Lab File: VN050898.D

Acq: 27 Aug 2018 14:58

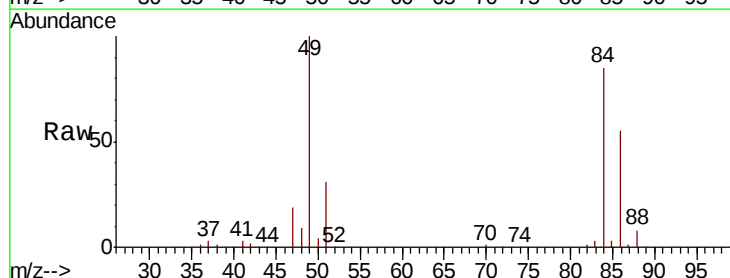
Tgt Ion: 41 Resp: 31508

Ion Ratio Lower Upper

41 100

39 0.5 50.2 75.2#

76 0.0 29.8 44.8#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

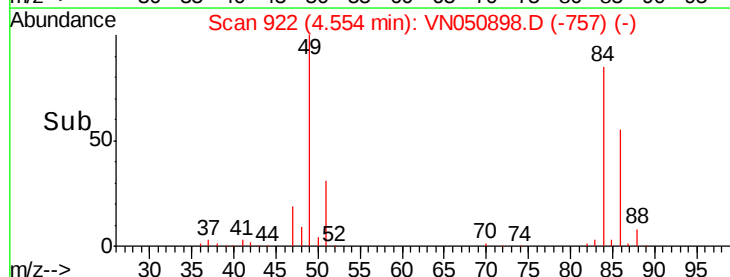
4.55

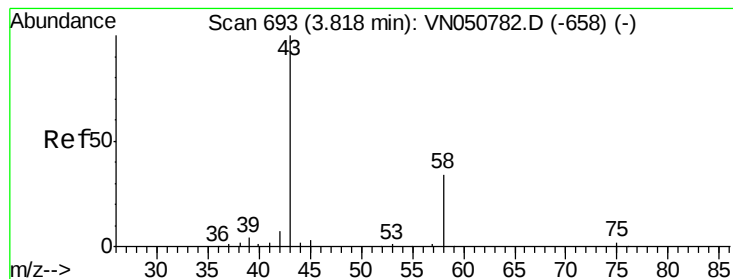
10000

5000

0

Time-->





#16

Acetone

Concen: 6.29 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050898.D

Acq: 27 Aug 2018 14:58

Instrument :

MSVOA_N

ClientSampleId :

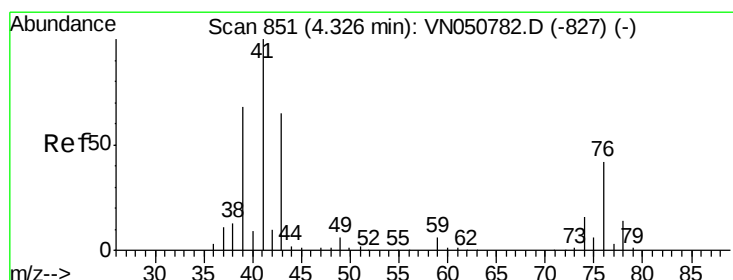
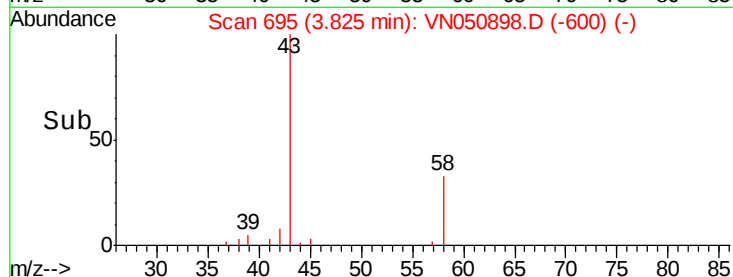
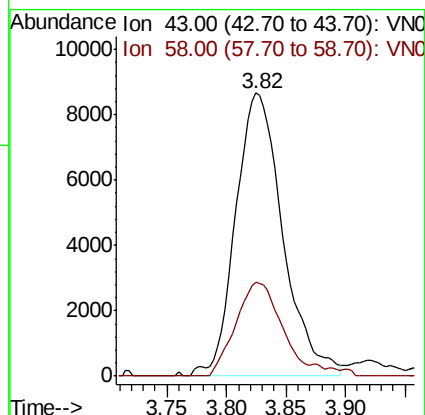
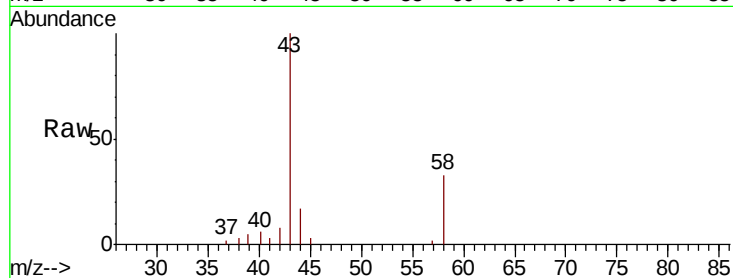
PL-05-082418-B

Tot Ion: 43 Resp: 23845

Ion Ratio Lower Upper

43 100

58 33.0 27.2 40.8



#18

Methyl Acetate

Concen: 2.29 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN050898.D

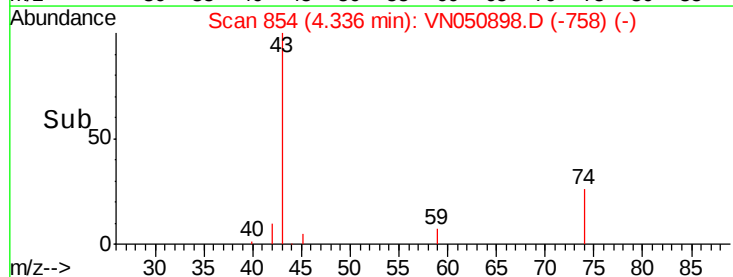
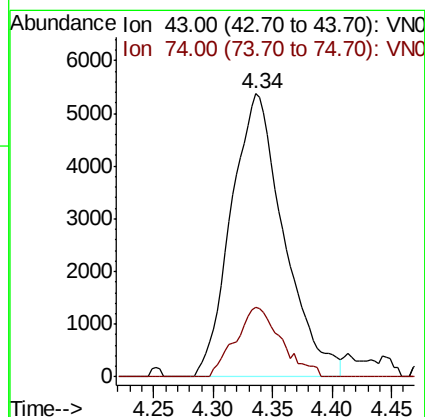
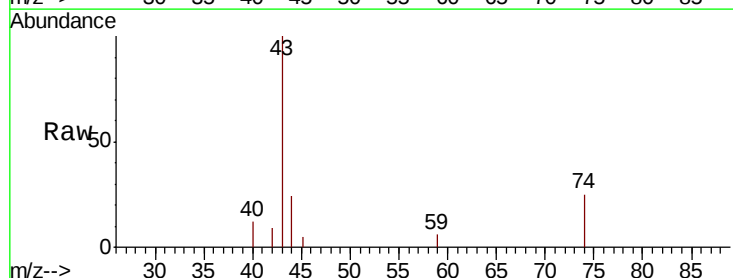
Acq: 27 Aug 2018 14:58

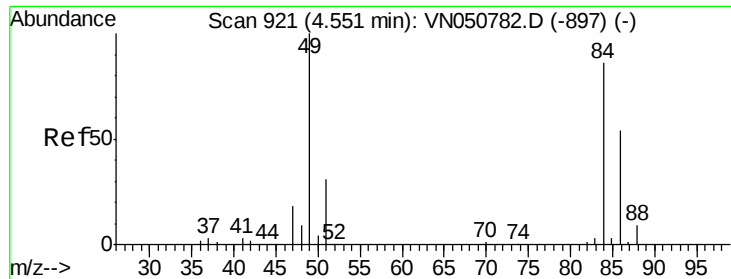
Tgt Ion: 43 Resp: 16496

Ion Ratio Lower Upper

43 100

74 21.4 19.8 29.8

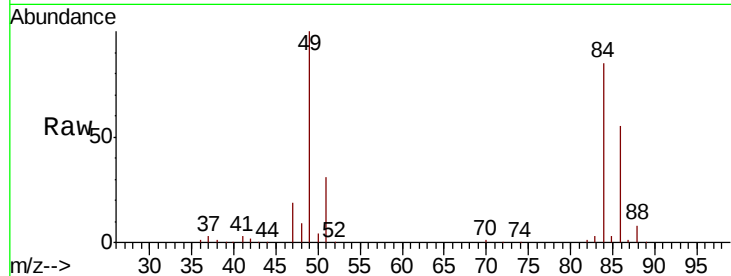




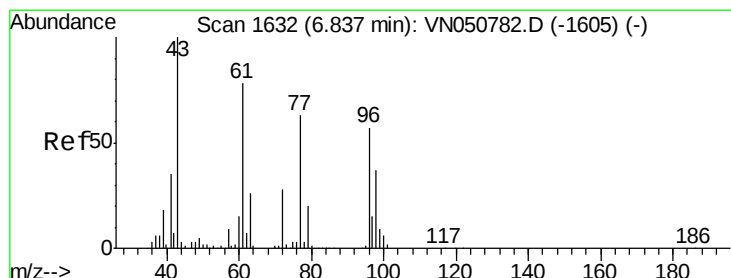
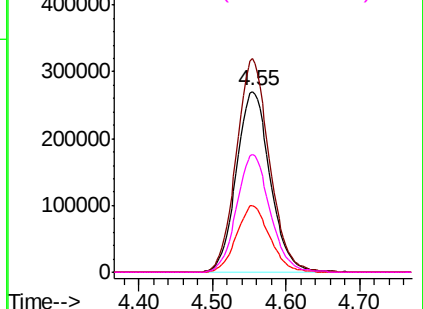
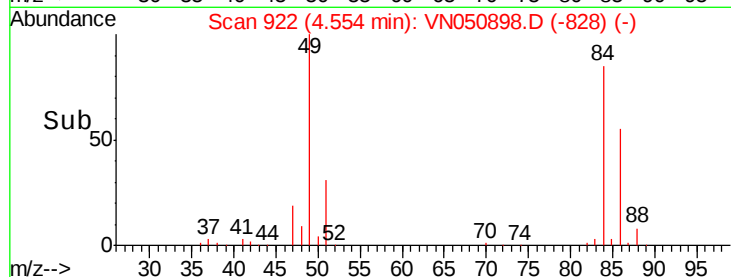
#20
Methvlene Chloride
Concen: 100.20 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050898.D
Acq: 27 Aug 2018 14:58

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

Tot Ion:	84	Resp:	863359
Ion	Ratio	Lower	Upper
84	100		
49	118.1	93.2	139.8
51	36.8	29.0	43.6
86	65.1	49.8	74.8

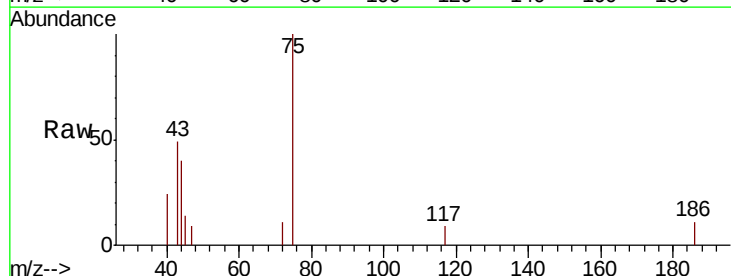


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

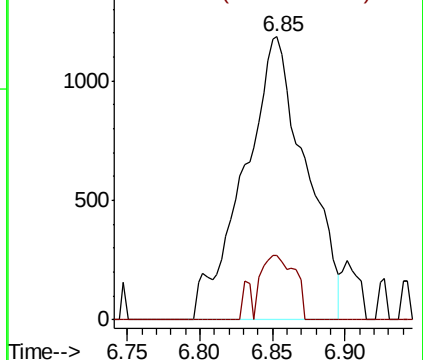
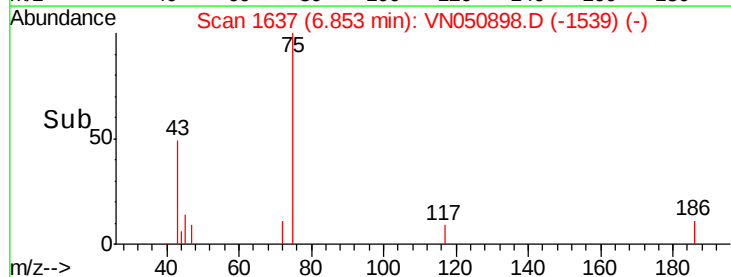


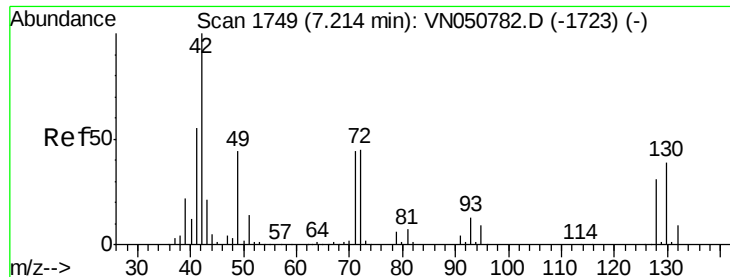
#25
2-Butanone
Concen: 1.14 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.02 min
Lab File: VN050898.D
Acq: 27 Aug 2018 14:58

Tgt Ion:	43	Resp:	3503
Ion	Ratio	Lower	Upper
43	100		
72	22.8	22.3	33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO





#29

Tetrahydrofuran

Concen: 0.42 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VN050898.D

Acq: 27 Aug 2018 14:58

Instrument :

MSVOA_N

ClientSampleId :

PL-05-082418-B

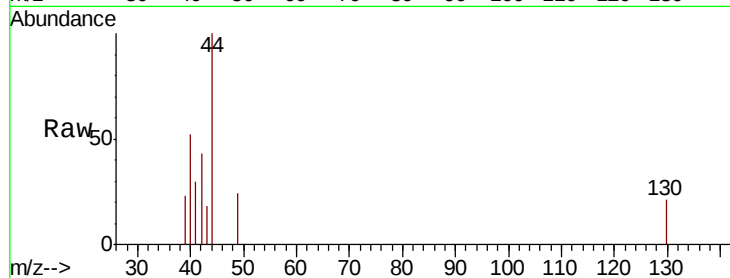
Tot Ion: 42 Resp: 741

Ion Ratio Lower Upper

42 100

72 0.0 35.5 53.3#

71 0.0 33.7 50.5#

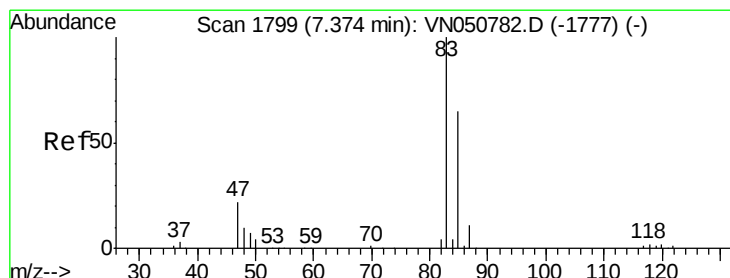
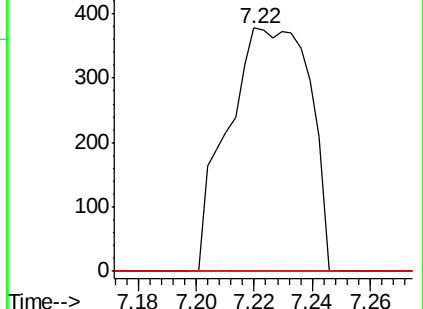
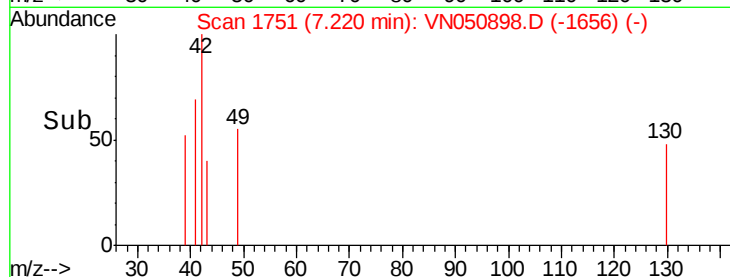


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

Time-->



#30

Chloroform

Concen: 0.53 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN050898.D

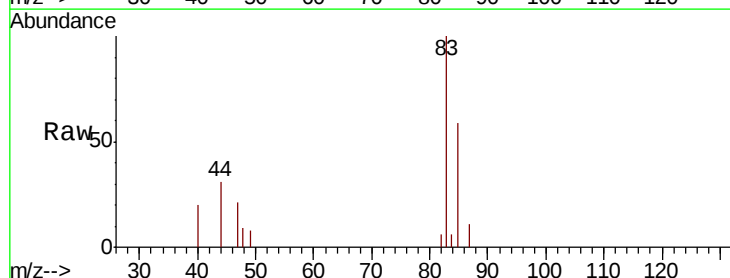
Acq: 27 Aug 2018 14:58

Tgt Ion: 83 Resp: 7441

Ion Ratio Lower Upper

83 100

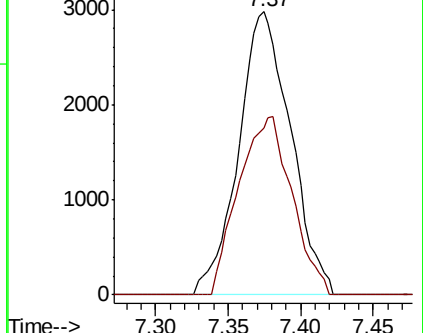
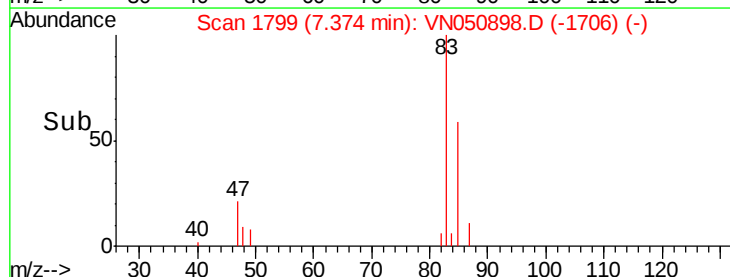
85 59.1 52.2 78.4

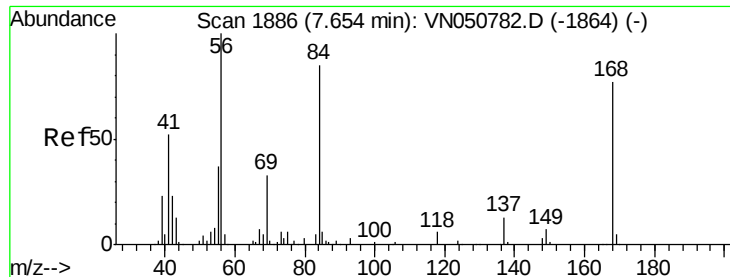


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Time-->

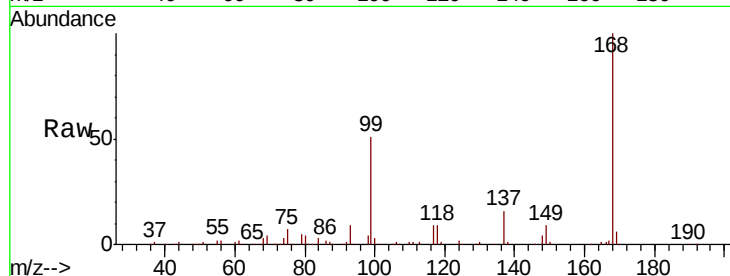




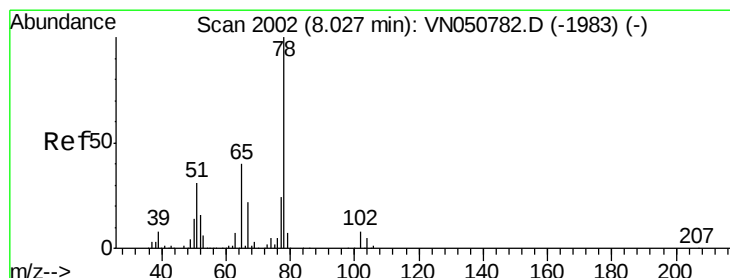
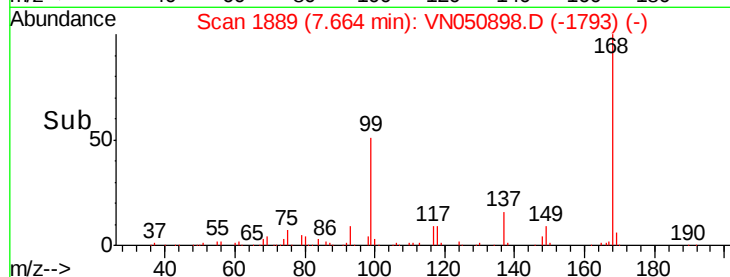
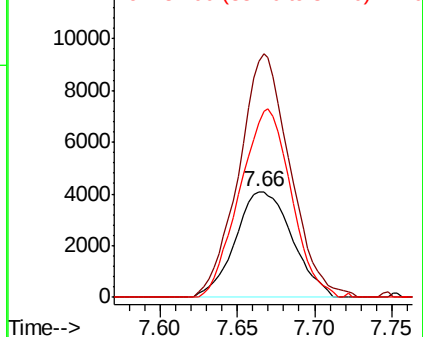
#31
Cyclohexane
Concen: 1.26 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN050898.D
Acq: 27 Aug 2018 14:58

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

Tot Ion: 56 Resp: 10457
Ion Ratio Lower Upper
56 100
69 223.1 26.2 39.4#
84 164.2 68.3 102.5#

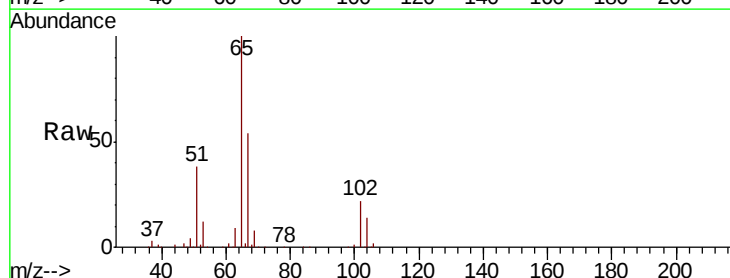


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

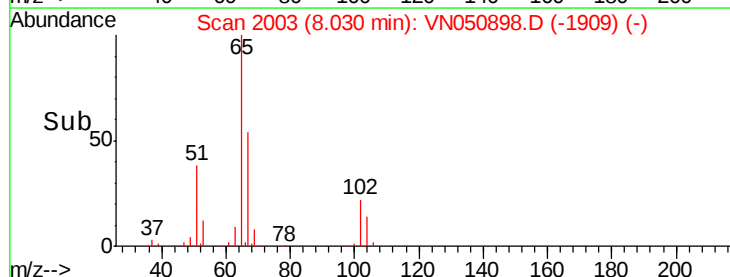
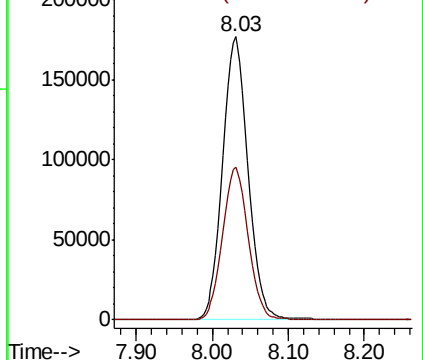


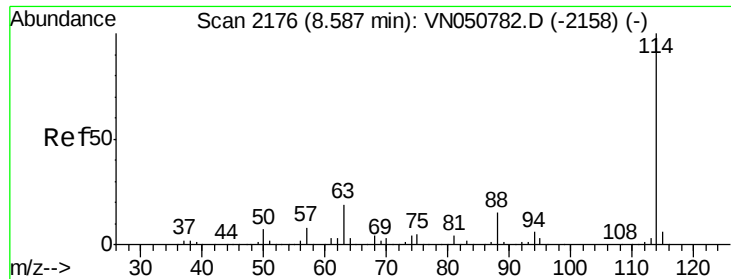
#33
1,2-Dichloroethane-d4
Concen: 54.35 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050898.D
Acq: 27 Aug 2018 14:58

Tgt Ion: 65 Resp: 415457
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.4



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

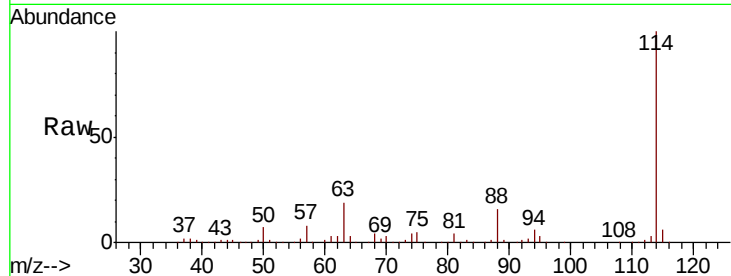




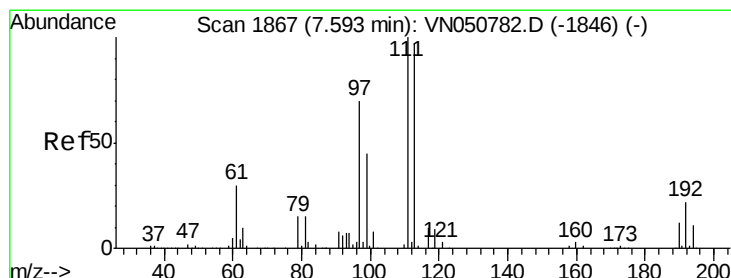
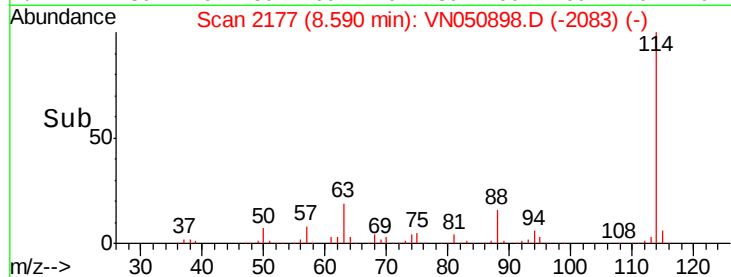
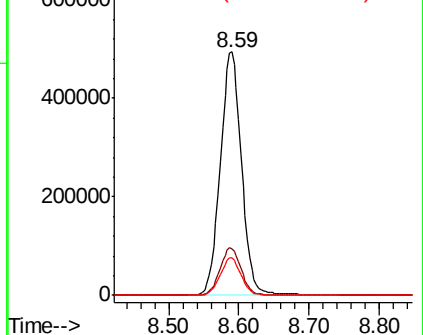
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050898.D
 Acq: 27 Aug 2018 14:58

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

Tot Ion:114 Resp: 1040231
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.5 0.0 30.6

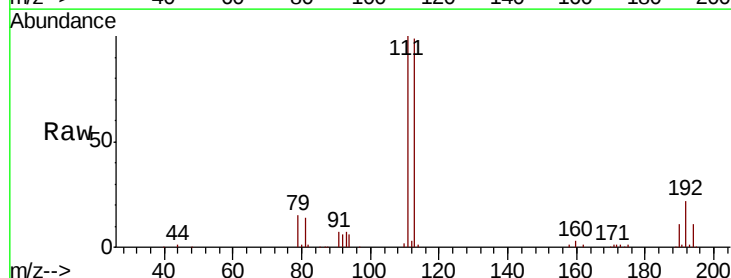


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

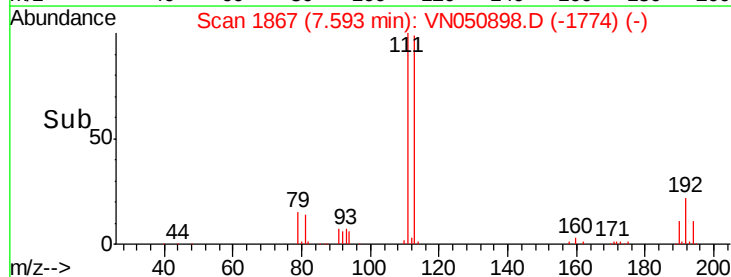
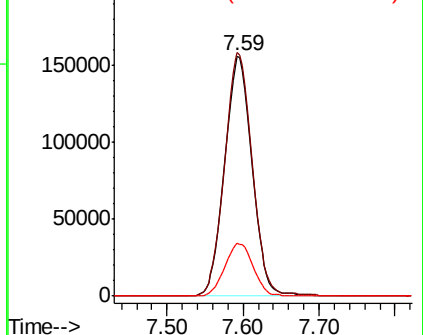


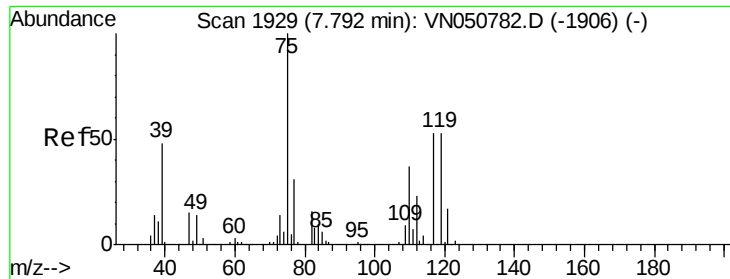
#35
 Dibromofluoromethane
 Concen: 47.46 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050898.D
 Acq: 27 Aug 2018 14:58

Tgt Ion:113 Resp: 392753
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.6 123.8
 192 22.7 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: 3.46 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN050898.D

Acq: 27 Aug 2018 14:58

Instrument :

MSVOA_N

ClientSampleId :

PL-05-082418-B

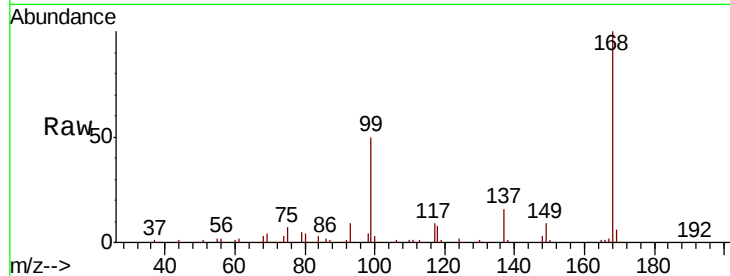
Tot Ion: 75 Resp: 42499

Ion Ratio Lower Upper

75 100

110 8.3 18.1 54.4#

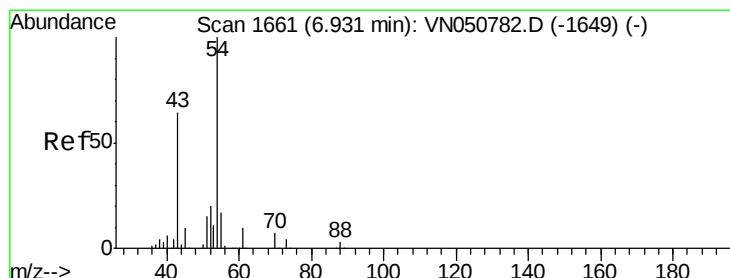
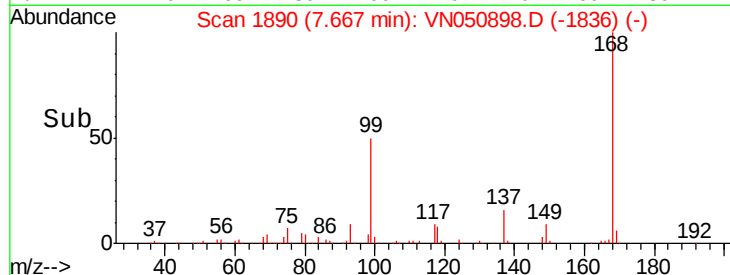
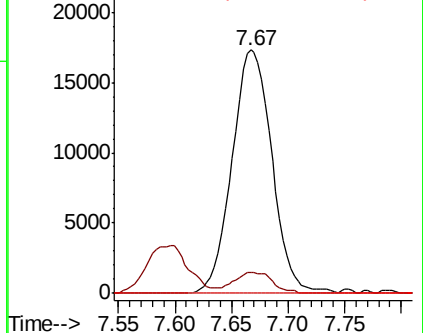
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 0.50 ug/l

RT: 6.85 min Scan# 1637

Delta R.T. -0.08 min

Lab File: VN050898.D

Acq: 27 Aug 2018 14:58

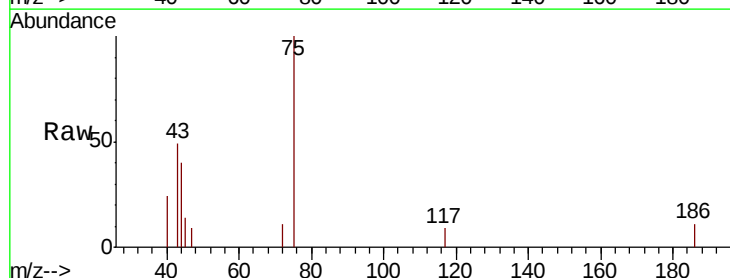
Tgt Ion: 43 Resp: 3503

Ion Ratio Lower Upper

43 100

61 4.4 12.0 18.0#

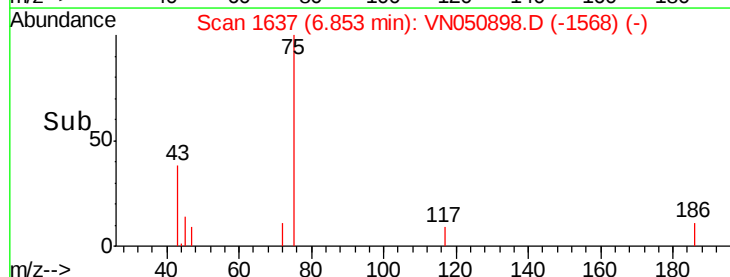
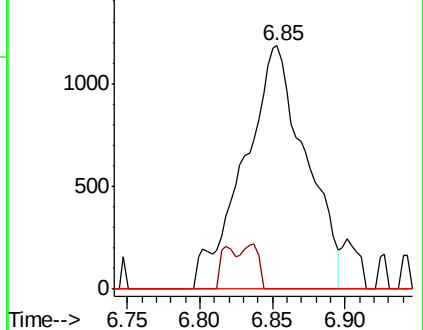
70 0.0 8.6 13.0#

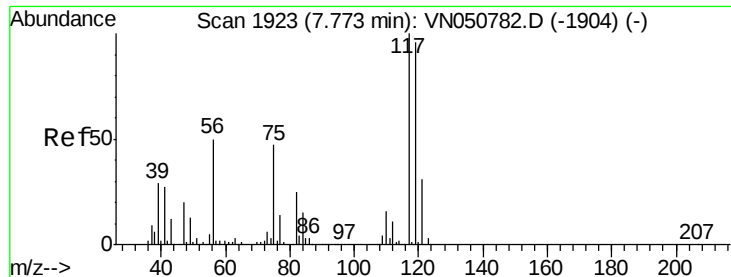


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 4.43 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.10 min

Lab File: VN050898.D

Acq: 27 Aug 2018 14:58

Instrument :

MSVOA_N

ClientSampleId :

PL-05-082418-B

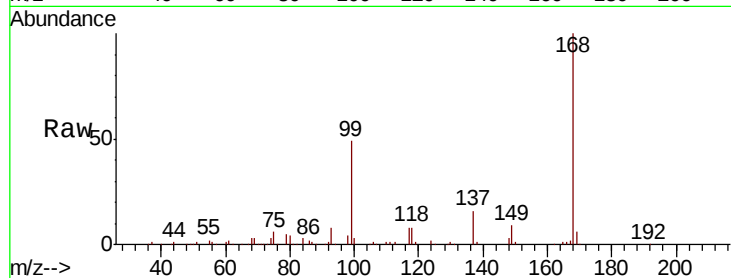
Tot Ion:117 Resp: 54951

Ion Ratio Lower Upper

117 100

119 6.3 76.3 114.5#

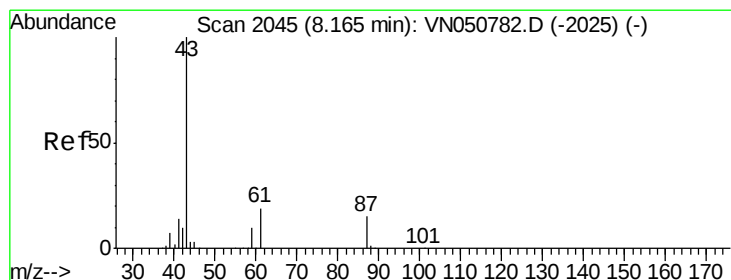
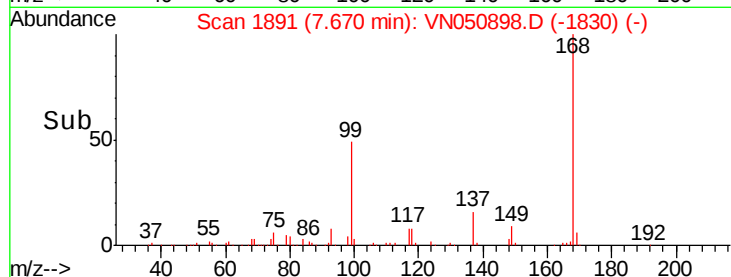
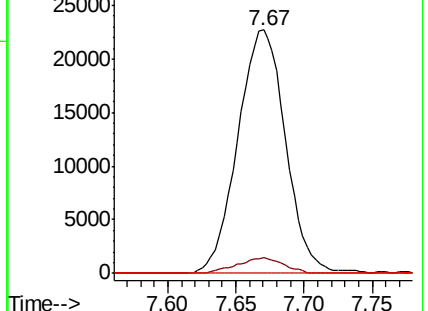
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 19.46 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.01 min

Lab File: VN050898.D

Acq: 27 Aug 2018 14:58

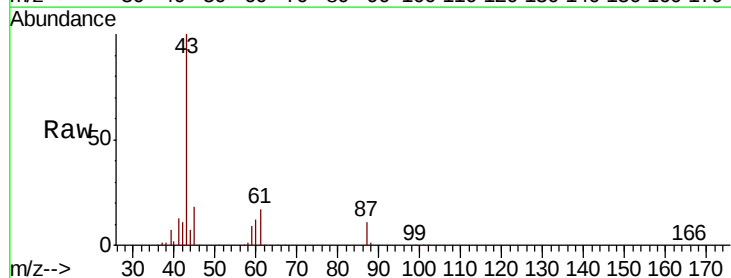
Tgt Ion: 43 Resp: 235904

Ion Ratio Lower Upper

43 100

61 17.0 17.5 26.3#

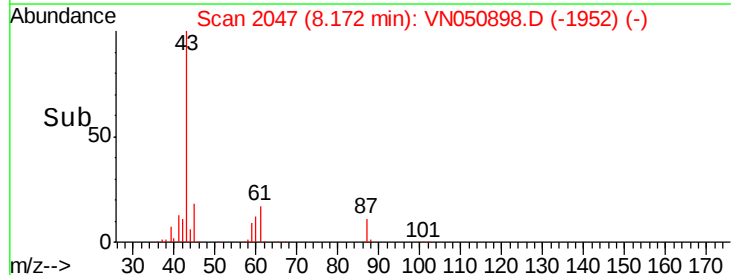
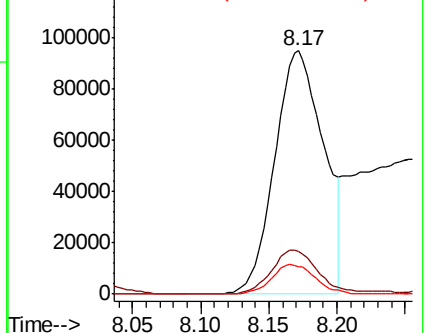
87 10.9 11.3 16.9#

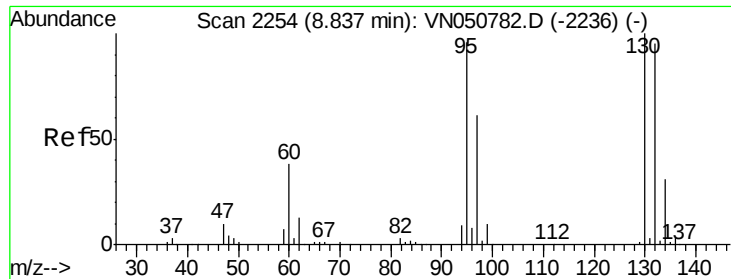


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#44

Trichloroethene

Concen: 1.47 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN050898.D

Acq: 27 Aug 2018 14:58

Instrument :

MSVOA_N

ClientSampleId :

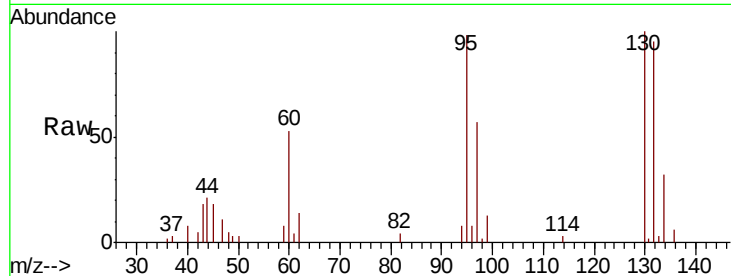
PL-05-082418-B

Tot Ion:130 Resp: 14344

Ion Ratio Lower Upper

130 100

95 98.0 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.84

8000

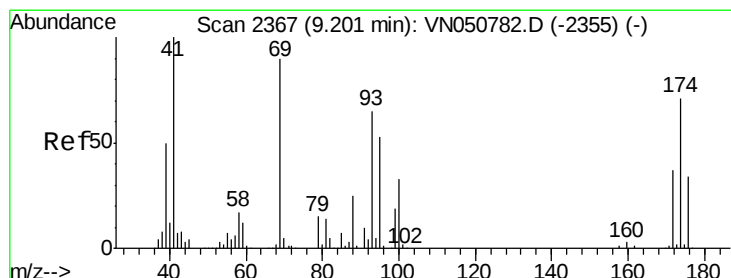
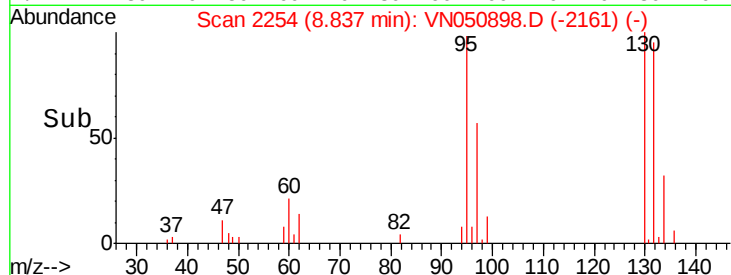
6000

4000

2000

0

Time--> 8.75 8.80 8.85 8.90



#48

Methyl methacrylate

Concen: 1.06 ug/l

RT: 9.19 min Scan# 2363

Delta R.T. -0.01 min

Lab File: VN050898.D

Acq: 27 Aug 2018 14:58

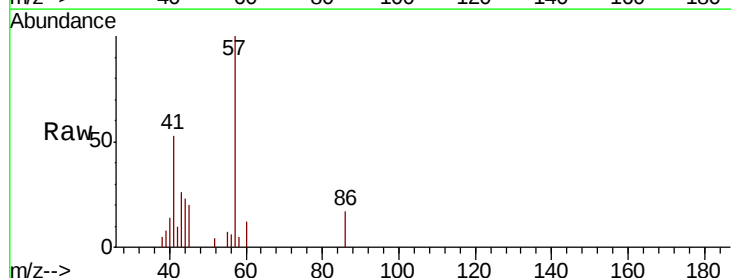
Tgt Ion: 41 Resp: 6522

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

39 7.2 42.2 63.2#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 39.00 (38.70 to 39.70): VN

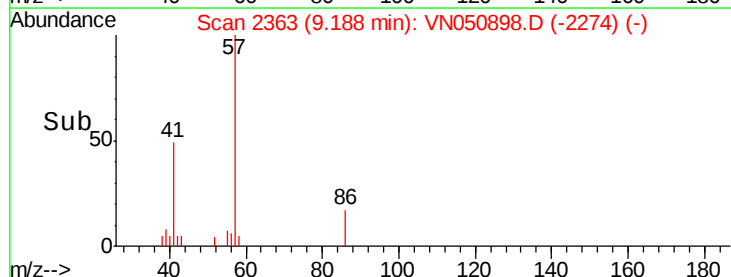
6000

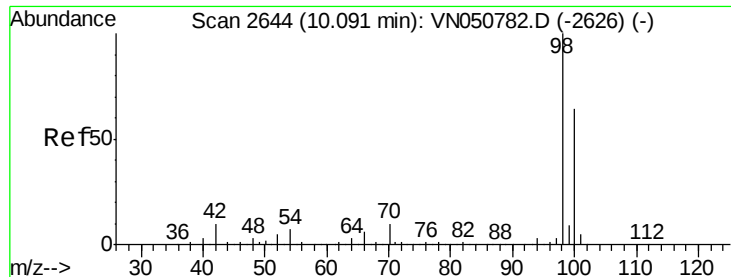
4000

2000

0

Time--> 9.10 9.15 9.20 9.25





#50

Toluene-d8

Concen: 45.86 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050898.D

Acq: 27 Aug 2018 14:58

Instrument :

MSVOA_N

ClientSampleId :

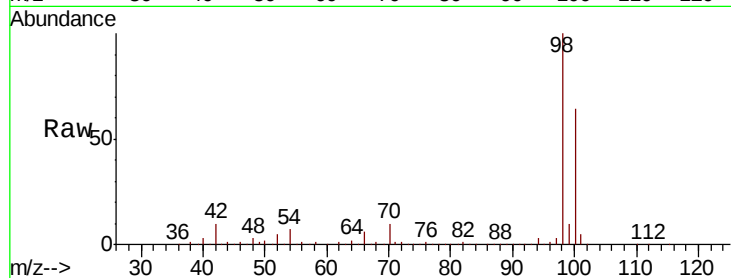
PL-05-082418-B

Tot Ion: 98 Resp: 1418843

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN050782.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN050782.D (-2626) (-)

10.09

800000

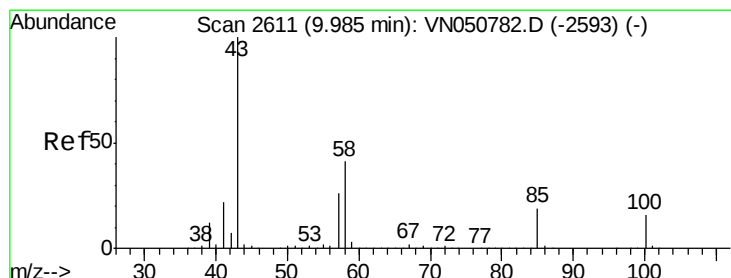
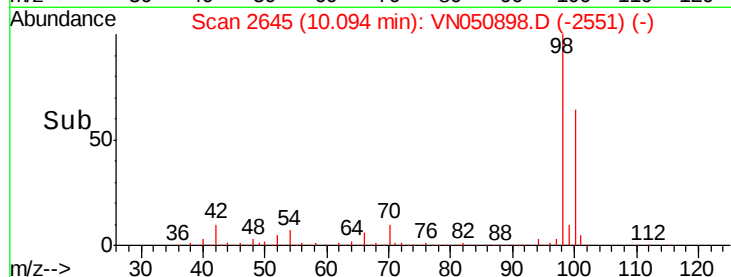
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.23 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN050898.D

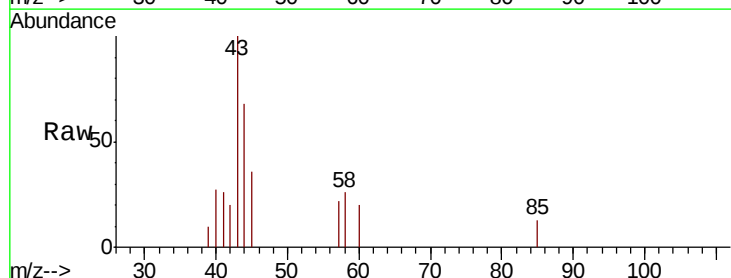
Acq: 27 Aug 2018 14:58

Tgt Ion: 43 Resp: 1698

Ion Ratio Lower Upper

43 100

58 49.7 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) (-)

9.99

2000

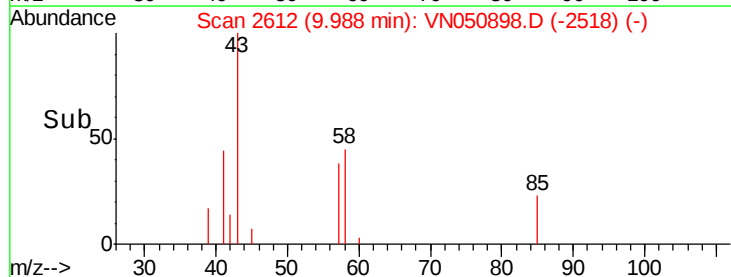
1500

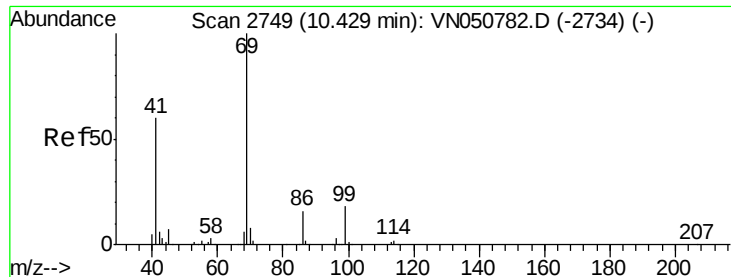
1000

500

0

Time-->





#56

Ethyl methacrylate

Concen: 2.55 ug/l

RT: 10.23 min Scan# 2687

Delta R.T. -0.20 min

Lab File: VN050898.D

Acq: 27 Aug 2018 14:58

Instrument :

MSVOA_N

ClientSampled :

PL-05-082418-B

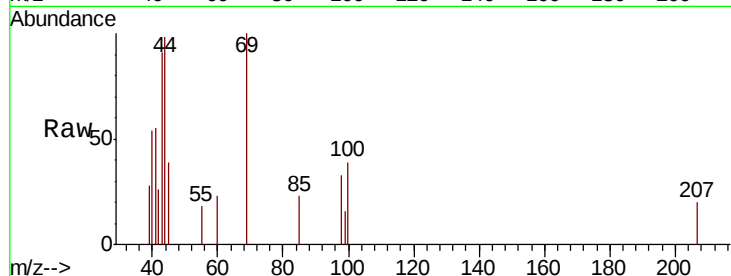
Tot Ion: 69 Resp: 2218

Ion Ratio Lower Upper

69 100

41 41.6 48.3 72.5#

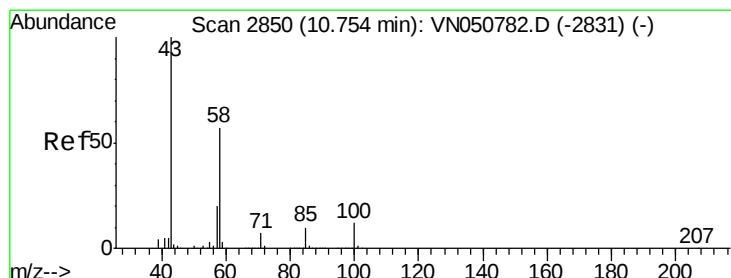
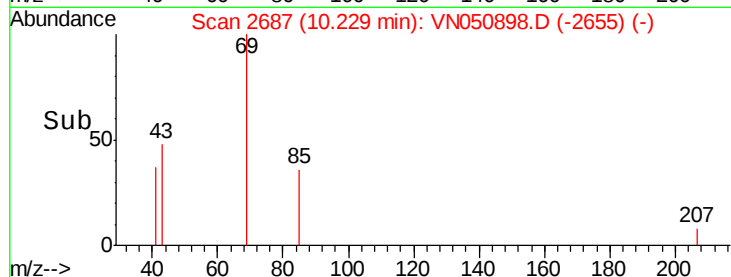
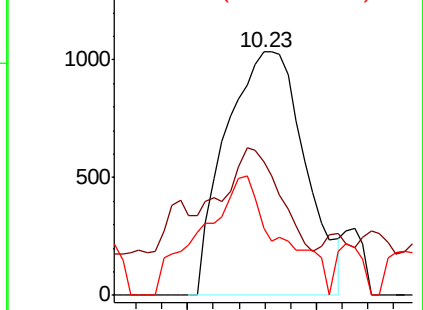
39 47.9 24.0 36.0#



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: 1.78 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050898.D

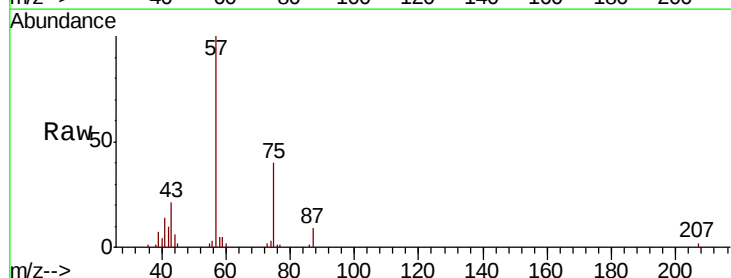
Acq: 27 Aug 2018 14:58

Tgt Ion: 43 Resp: 8566

Ion Ratio Lower Upper

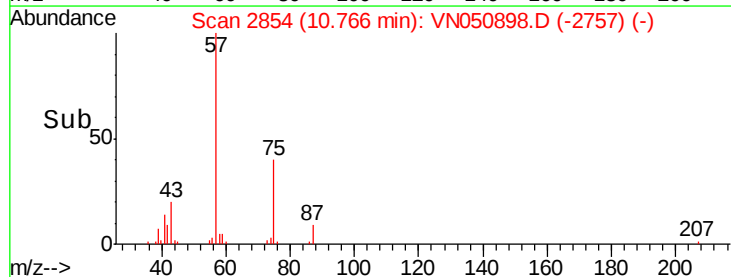
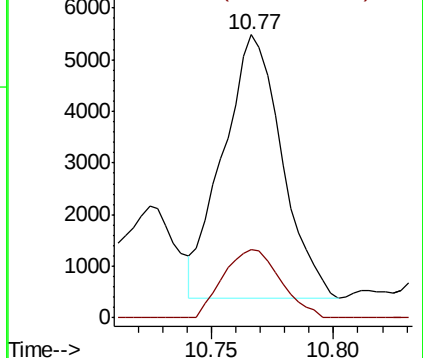
43 100

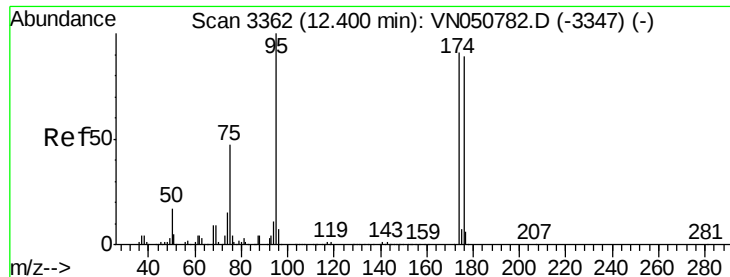
58 25.3 28.3 85.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

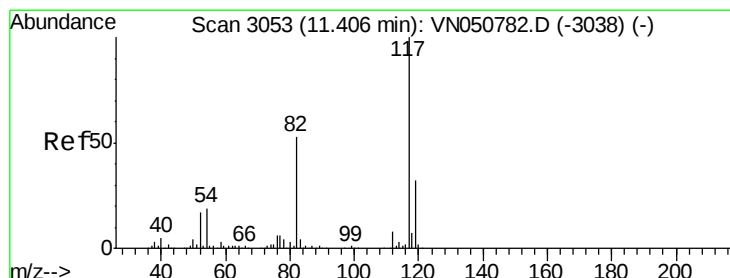
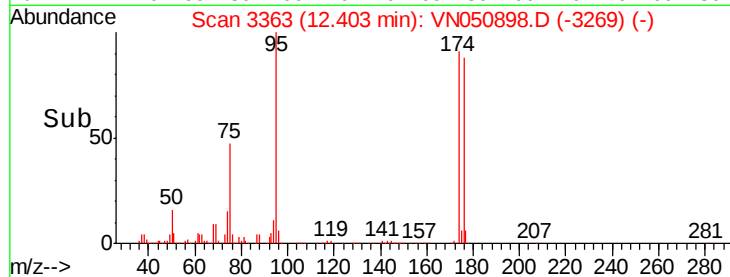
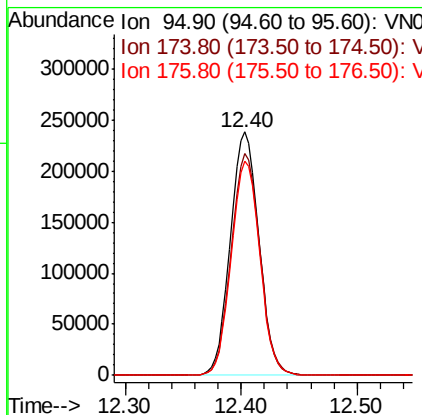
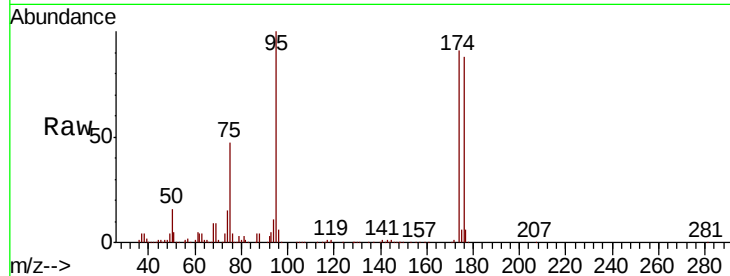




#62
4-Bromofluorobenzene
Concen: 39.36 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050898.D
Acq: 27 Aug 2018 14:58

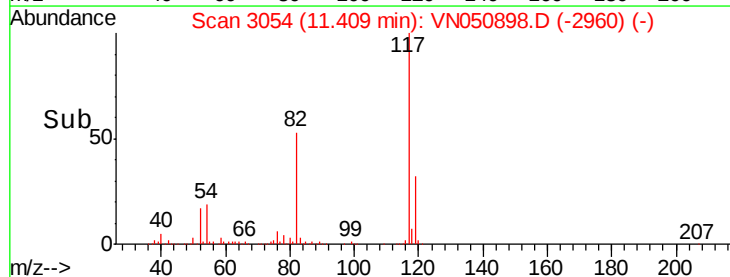
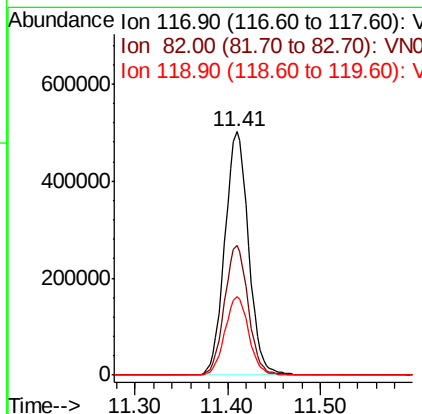
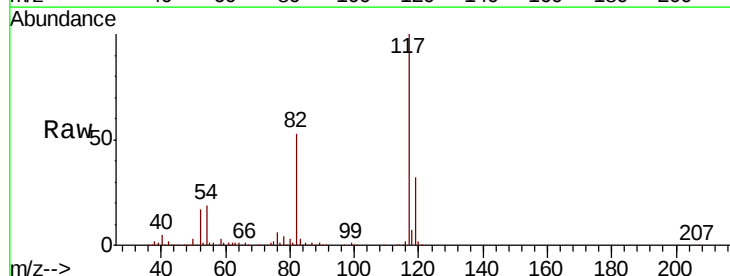
Instrument :
MSVOA_N
ClientSampleId :
PL-05-082418-B

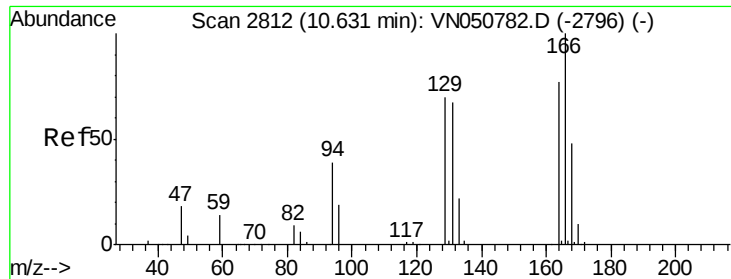
Tot Ion: 95 Resp: 404660
Ion Ratio Lower Upper
95 100
174 91.7 0.0 183.0
176 88.1 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050898.D
Acq: 27 Aug 2018 14:58

Tgt Ion: 117 Resp: 889492
Ion Ratio Lower Upper
117 100
82 53.2 42.6 64.0
119 32.1 25.8 38.6





#64

Tetrachloroethene

Concen: 0.45 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN050898.D

Acq: 27 Aug 2018 14:58

Instrument :

MSVOA_N

ClientSampleId :

PL-05-082418-B

Tot Ion:164 Resp: 3806

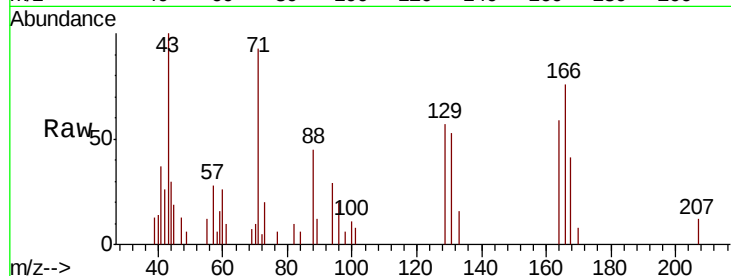
Ion Ratio Lower Upper

164 100

166 128.8 103.5 155.3

129 97.1 72.7 109.1

131 90.8 69.5 104.3

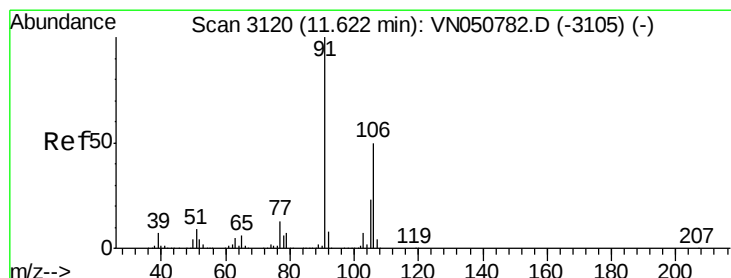
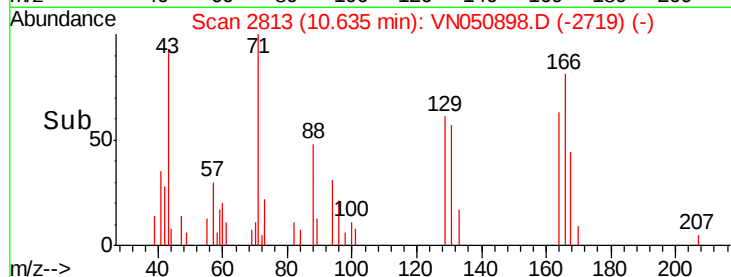
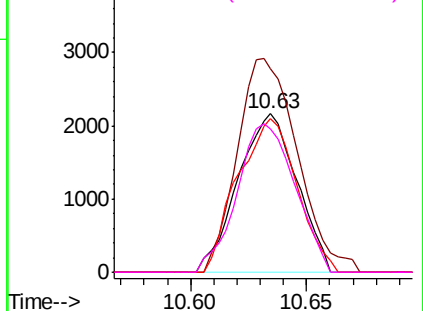


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#68

m/p-Xylenes

Concen: 0.32 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN050898.D

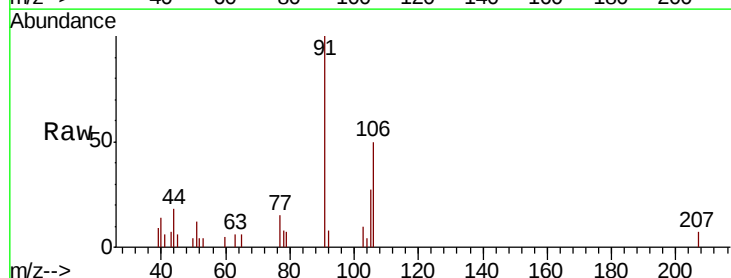
Acq: 27 Aug 2018 14:58

Tgt Ion:106 Resp: 4531

Ion Ratio Lower Upper

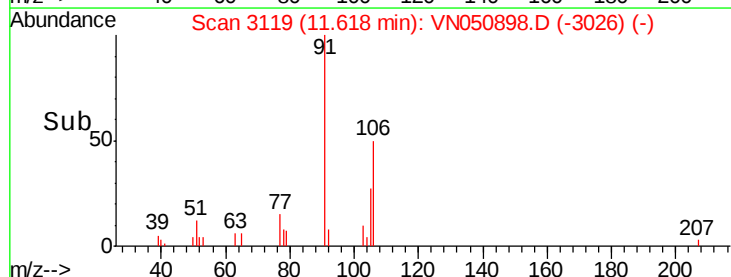
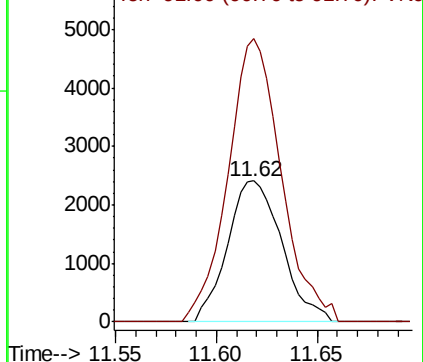
106 100

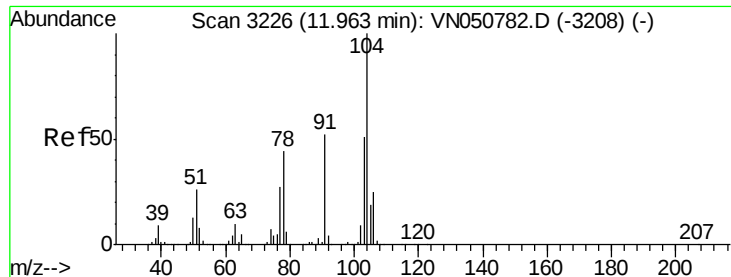
91 196.6 161.0 241.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

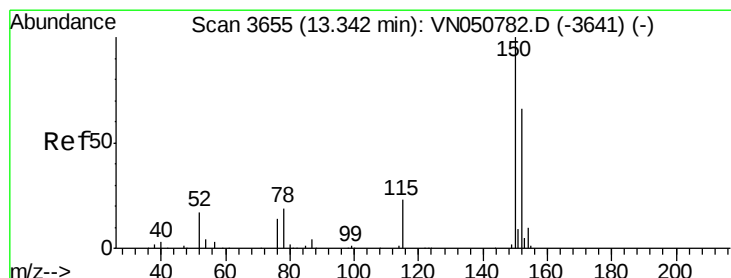
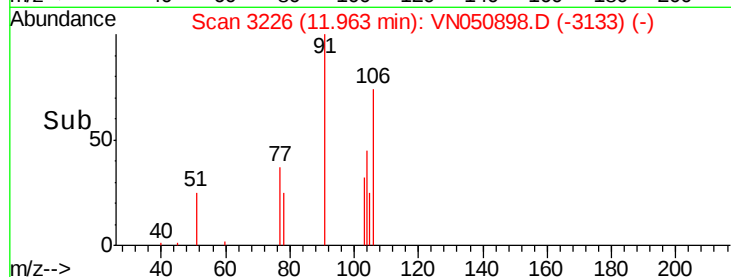
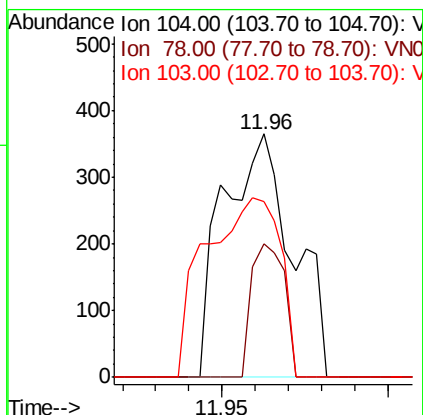
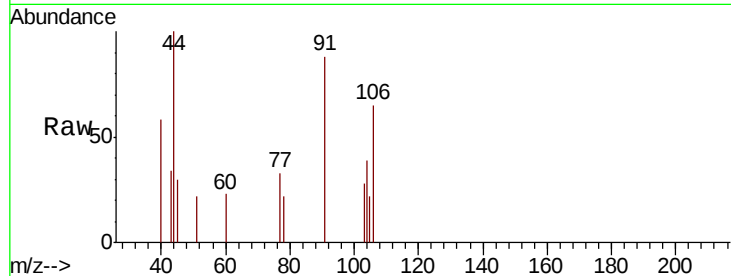




#70
Stvrene
Concen: 1.29 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050898.D
Acq: 27 Aug 2018 14:58

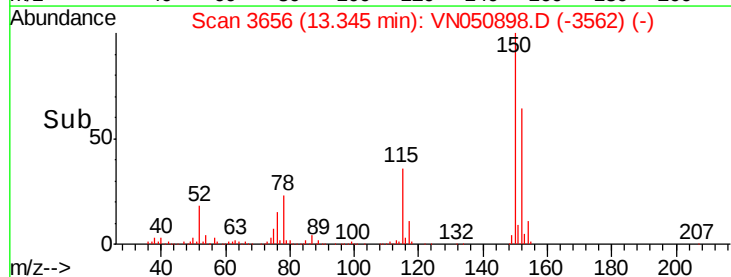
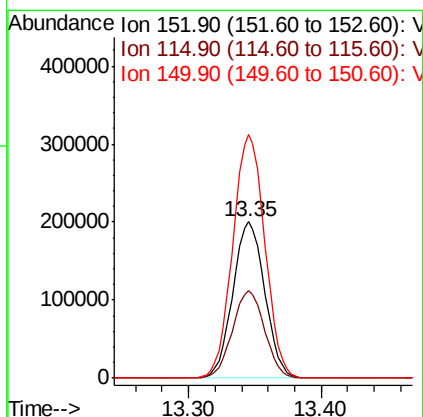
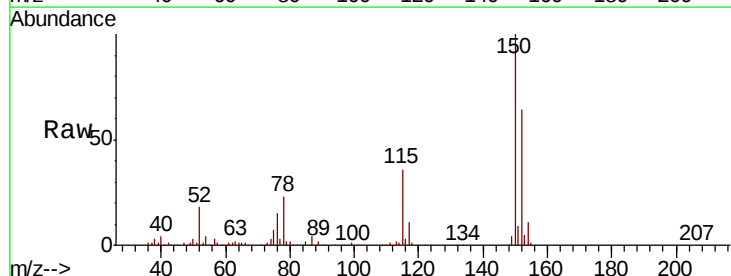
Instrument :
MSVOA_N
ClientSampleId :
PL-05-082418-B

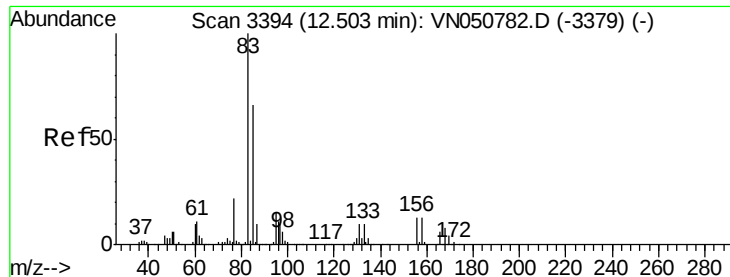
Tot Ion:104 Resp: 533
Ion Ratio Lower Upper
104 100
78 25.7 38.2 57.4#
103 78.8 44.4 66.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050898.D
Acq: 27 Aug 2018 14:58

Tgt Ion:152 Resp: 335601
Ion Ratio Lower Upper
152 100
115 56.1 27.8 83.4
150 156.0 0.0 351.4





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3363

Delta R.T. -0.10 min

Lab File: VN050898.D

Acq: 27 Aug 2018 14:58

Instrument :

MSVOA_N

ClientSampleId :

PL-05-082418-B

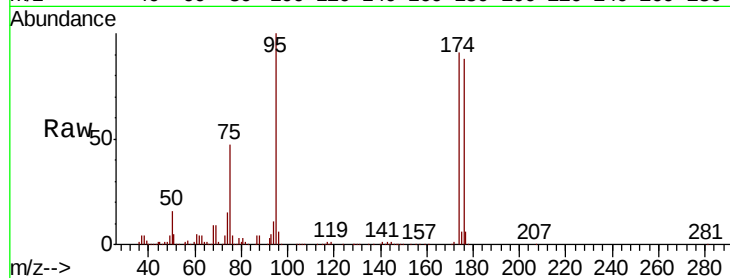
Tot Ion: 83 Resp: 302

Ion Ratio Lower Upper

83 100

131 215.6 5.3 15.9#

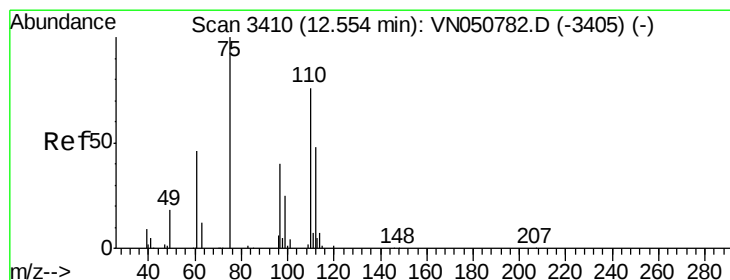
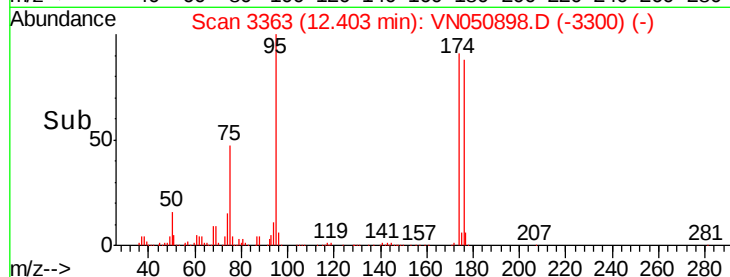
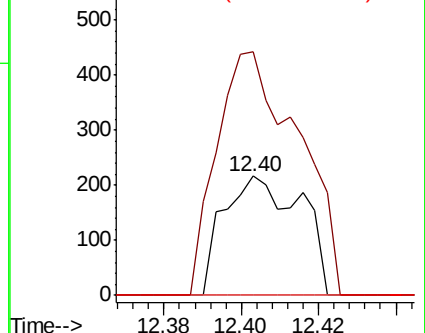
85 0.0 31.9 95.7#



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: 32.22 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050898.D

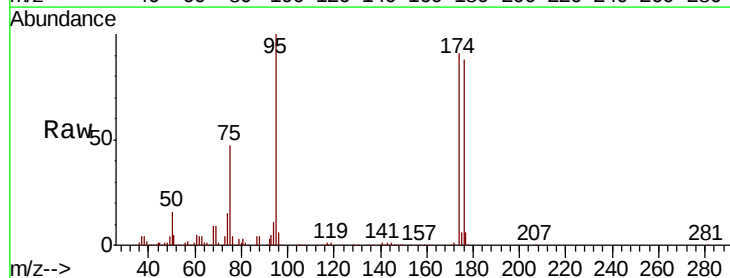
Acq: 27 Aug 2018 14:58

Tgt Ion: 75 Resp: 189379

Ion Ratio Lower Upper

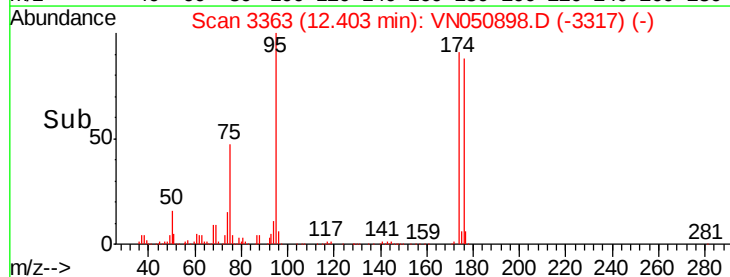
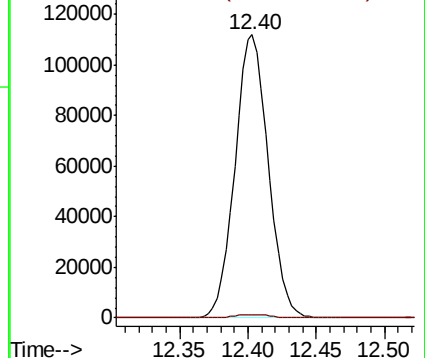
75 100

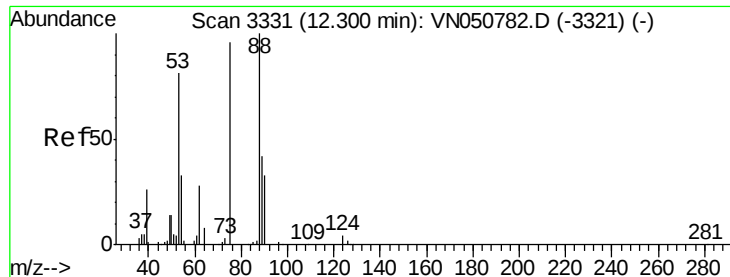
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 108.92 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050898.D

Acq: 27 Aug 2018 14:58

Instrument :

MSVOA_N

ClientSampleId :

PL-05-082418-B

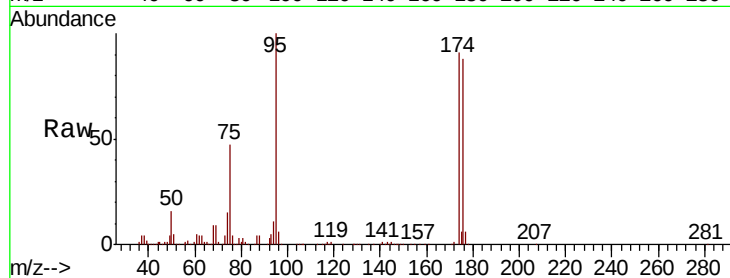
Tot Ion: 75 Resp: 189379

Ion Ratio Lower Upper

75 100

53 0.2 68.9 103.3#

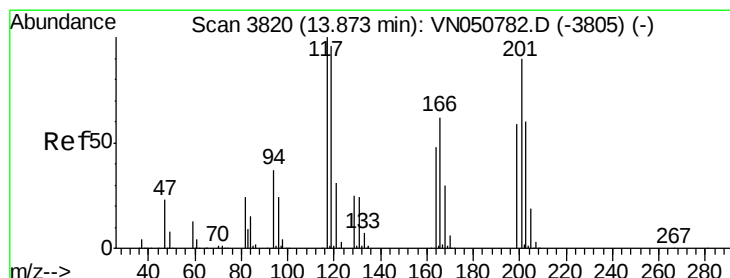
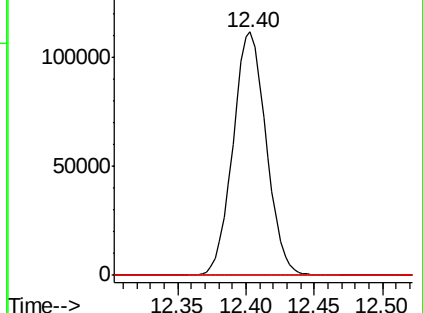
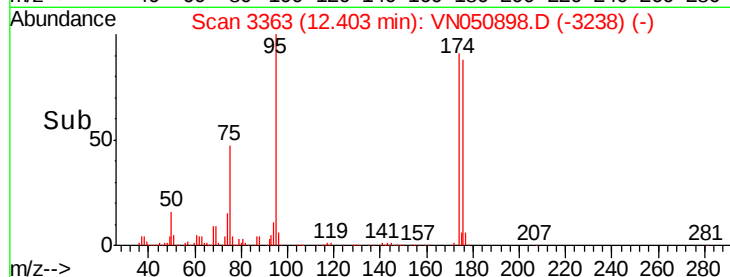
89 0.0 36.1 54.1#



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



#90

Hexachloroethane

Concen: 0.25 ug/l

RT: 13.89 min Scan# 3825

Delta R.T. 0.02 min

Lab File: VN050898.D

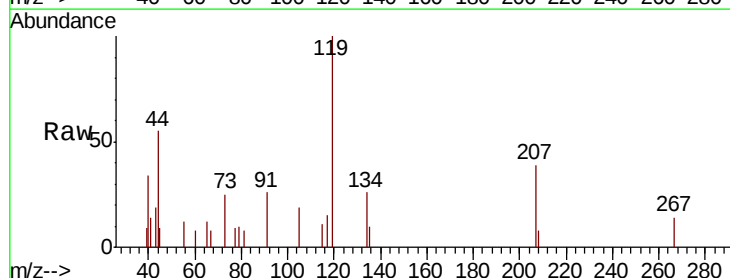
Acq: 27 Aug 2018 14:58

Tgt Ion: 117 Resp: 286

Ion Ratio Lower Upper

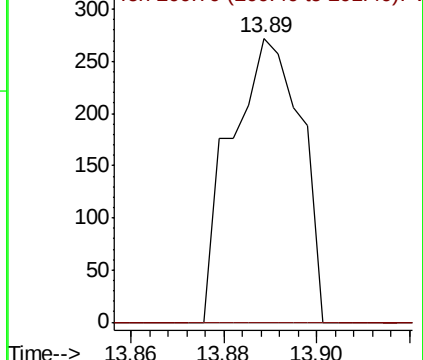
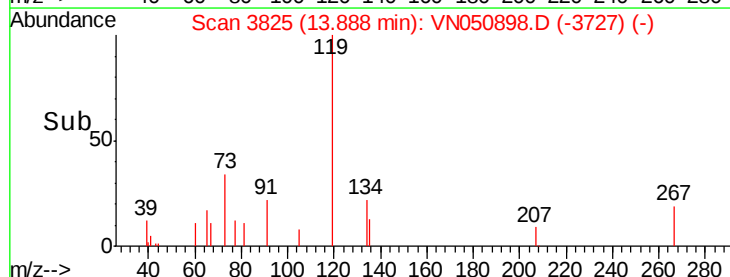
117 100

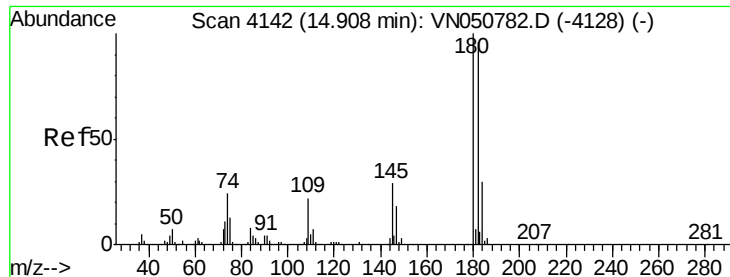
201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

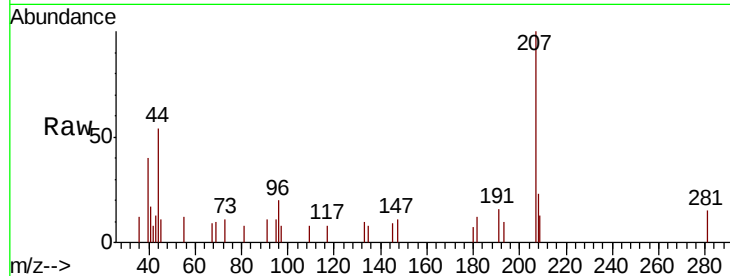




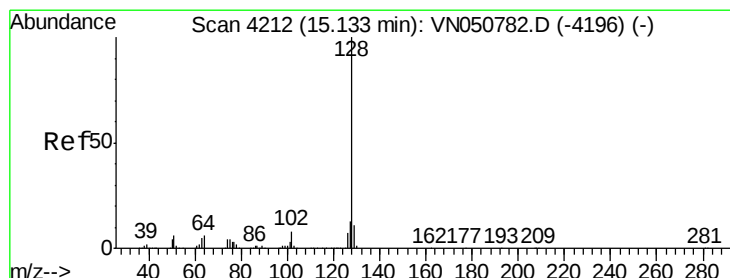
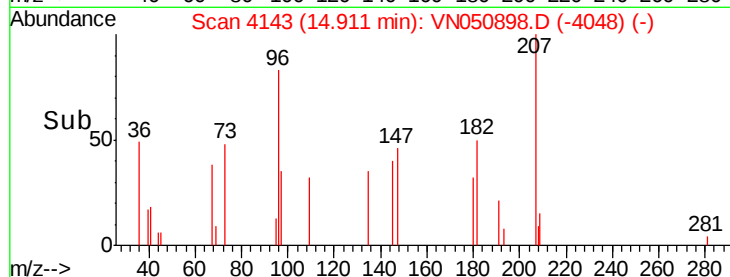
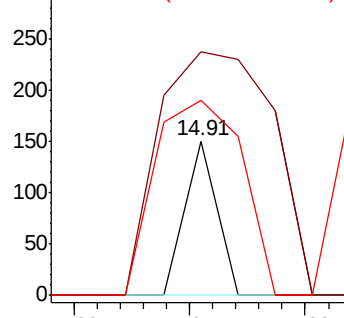
#93
 1,2,4-Trichlorobenzene
 Concen: 4.09 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050898.D
 Acq: 27 Aug 2018 14:58

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

Tot Ion:180 Resp: 29
 Ion Ratio Lower Upper
 180 100
 182 562.1 48.2 144.6#
 145 341.4 14.1 42.2#

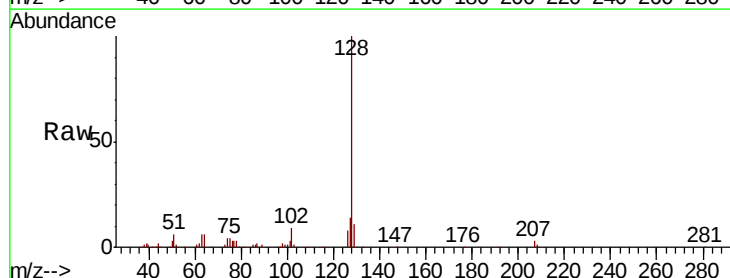


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

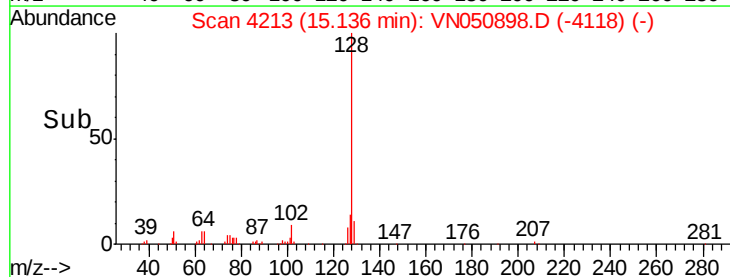
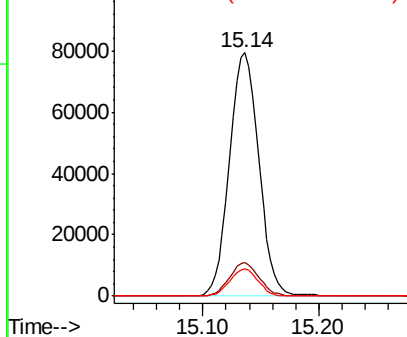


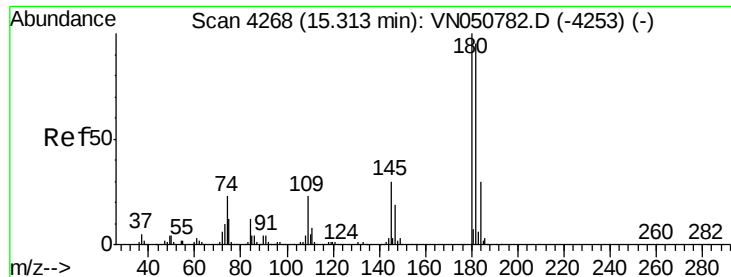
#95
 Naphthalene
 Concen: 14.65 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050898.D
 Acq: 27 Aug 2018 14:58

Tgt Ion:128 Resp: 139110
 Ion Ratio Lower Upper
 128 100
 127 14.0 10.5 15.7
 129 10.8 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: 3.31 ug/l
 RT: 15.31 min Scan# 4267
 Delta R.T. -0.00 min
 Lab File: VN050898.D
 Acq: 27 Aug 2018 14:58

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

Tot Ion:	180	Resp:	66
Ion Ratio	Lower	Upper	
180	100		
182	0.0	48.0	144.2#
145	368.2	15.2	45.6#

