

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082218\
 Data File : VN050827.D
 Acq On : 22 Aug 2018 18:20
 Operator : MD\SY
 Sample : PB112269ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112269ZHE#03

Quant Time: Aug 23 01:08:16 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	721681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1176436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	991700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	383743	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	463355	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
35) Dibromofluoromethane	7.59	113	439520	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
50) Toluene-d8	10.09	98	1581328	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	
62) 4-Bromofluorobenzene	12.40	95	462498	39.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.56%	

Target Compounds

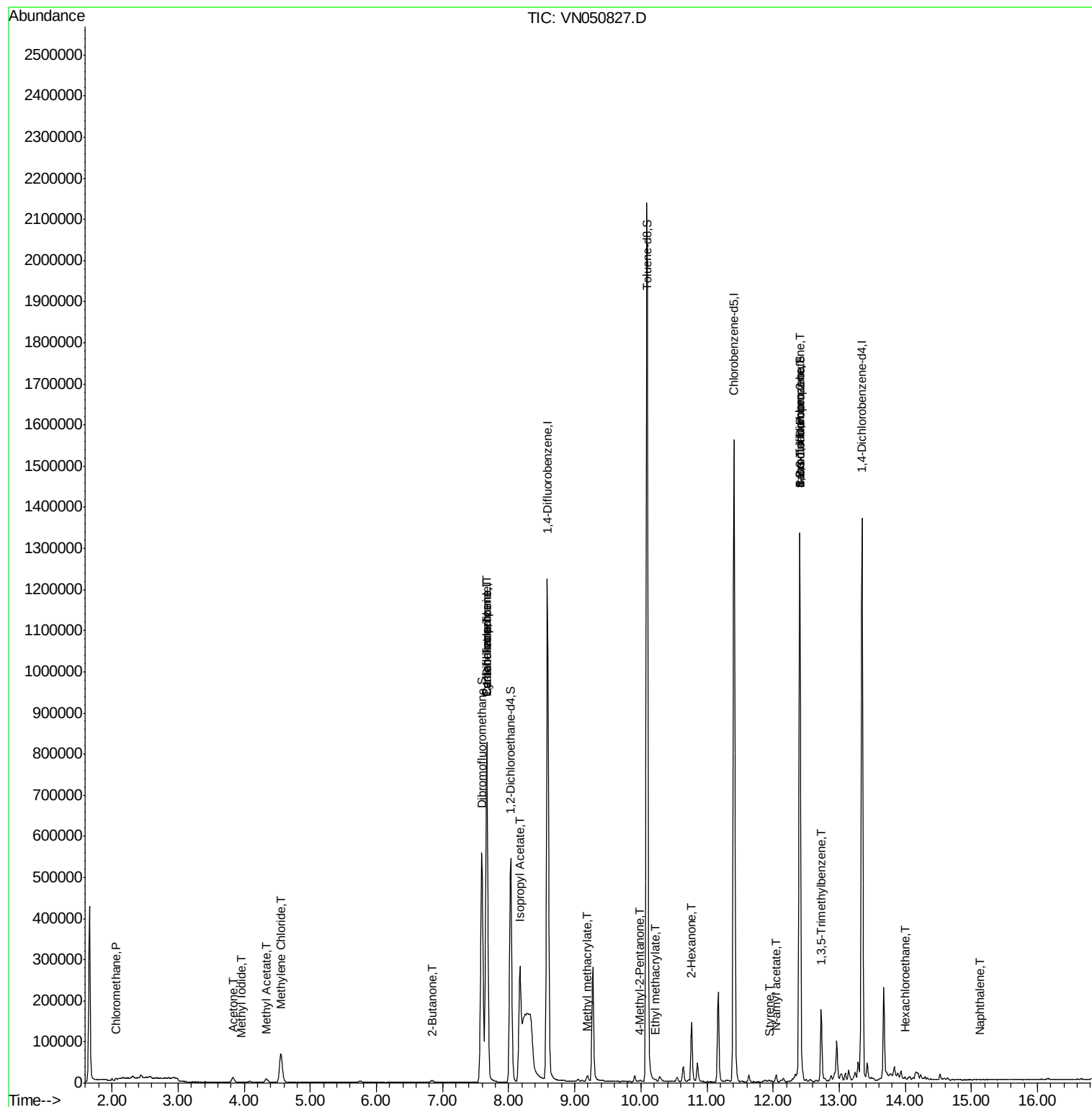
						Qvalue
3) Chloromethane	2.06	50	2547	0.21	ug/l	97
5) Bromomethane	2.58	94	2729	Below	Cal #	67
10) Methyl Iodide	3.96	142	729	6.42	ug/l #	53
16) Acetone	3.82	43	21667	3.57	ug/l	93
18) Methyl Acetate	4.33	43	16468	2.01	ug/l #	74
20) Methylene Chloride	4.55	84	56265	5.75	ug/l	97
25) 2-Butanone	6.85	43	3803	1.09	ug/l	98
31) Cyclohexane	7.67	56	12611	1.31	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	48539	3.50	ug/l #	49
38) Carbon Tetrachloride	7.67	117	63421	4.52	ug/l #	17
43) Isopropyl Acetate	8.17	43	357275	26.06	ug/l	92
48) Methyl methacrylate	9.18	41	9032	1.29	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	2801	0.34	ug/l	94
56) Ethyl methacrylate	10.23	69	2039	2.51	ug/l #	60
59) 2-Hexanone	10.77	43	20552	3.77	ug/l #	57
70) Styrene	11.96	104	325	1.28	ug/l #	26
71) Bromoform	12.40	173	1801	0.28	ug/l #	1
74) N-amyl acetate	12.04	43	3175	0.40	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.45	83	414	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.40	75	218883	32.57	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6714	0.26	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	218883	110.09	ug/l #	15
90) Hexachloroethane	13.99	117	156	0.22	ug/l #	4
95) Naphthalene	15.13	128	1251	5.47	ug/l #	69

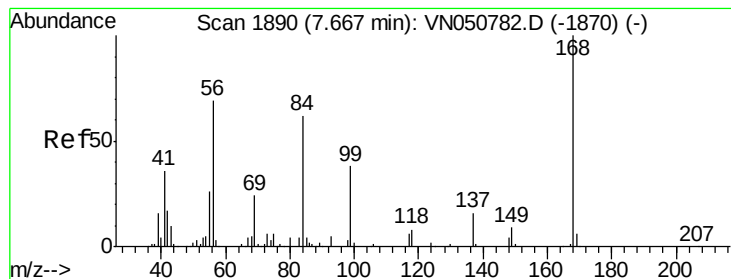
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN050827.D
Acq On : 22 Aug 2018 18:20
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Sample : PB112269ZHE#03
Misc : 5.00mL/MSVOA N/WATER
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Quant Time: Aug 23 01:08:16 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: VN050827.D

Acq: 22 Aug 2018 18:20

Instrument :

MSVOA_N

ClientSampleId :

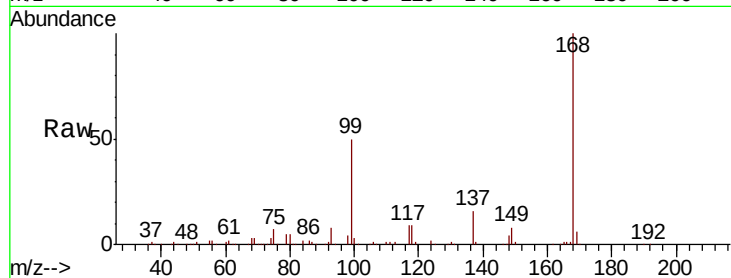
PB112269ZHE#03

Tot Ion:168 Resp: 721681

Ion Ratio Lower Upper

168 100

99 49.5 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

300000

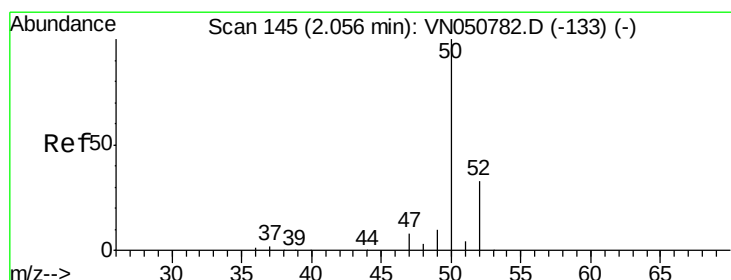
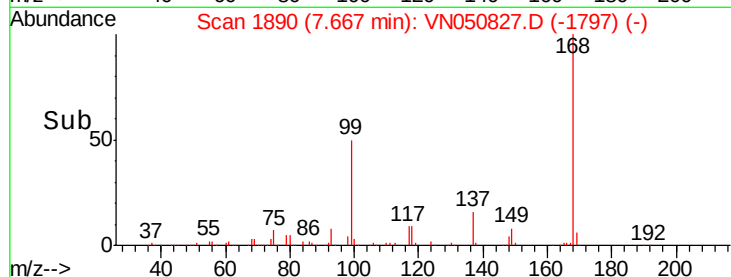
200000

100000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: 0.21 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050827.D

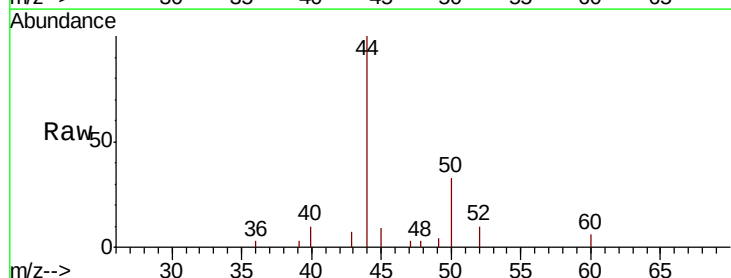
Acq: 22 Aug 2018 18:20

Tgt Ion: 50 Resp: 2547

Ion Ratio Lower Upper

50 100

52 31.2 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

2000

1500

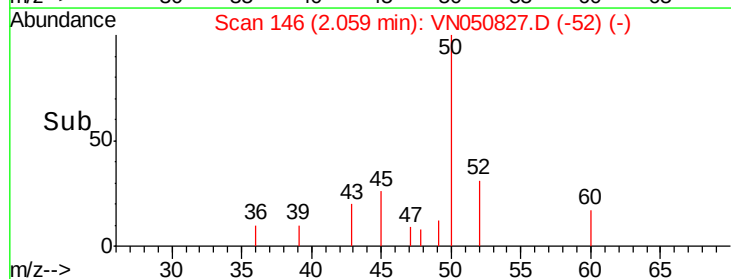
1000

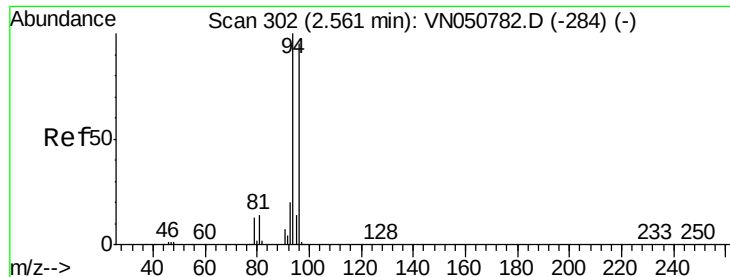
500

0

2.05 2.10

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 307

Delta R.T. 0.02 min

Lab File: VN050827.D

Acq: 22 Aug 2018 18:20

Instrument :

MSVOA_N

ClientSampleId :

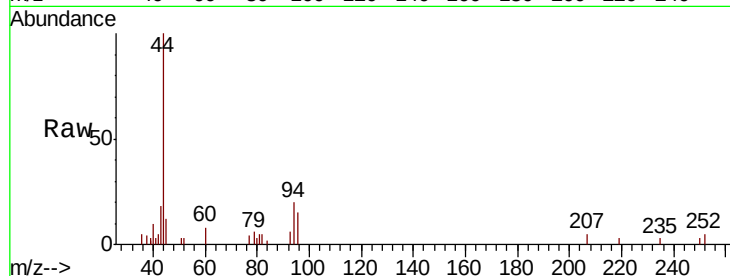
PB112269ZHE#03

Tot Ion: 94 Resp: 2729

Ion Ratio Lower Upper

94 100

96 62.9 76.2 114.2#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.58

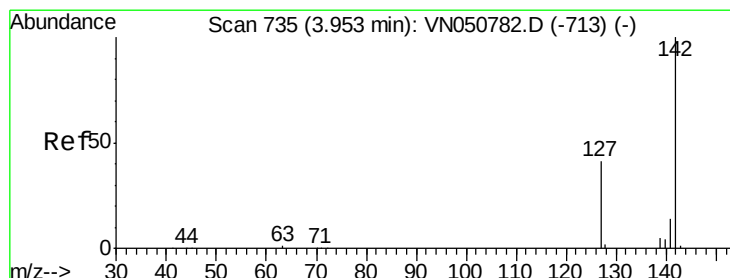
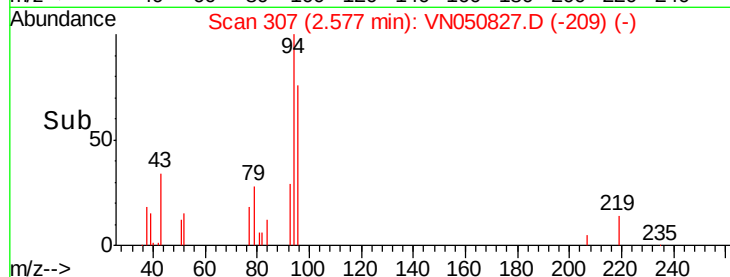
1000

500

0

Time-->

2.50 2.55 2.60 2.65



#10

Methyl Iodide

Concen: 6.42 ug/l

RT: 3.96 min Scan# 737

Delta R.T. 0.01 min

Lab File: VN050827.D

Acq: 22 Aug 2018 18:20

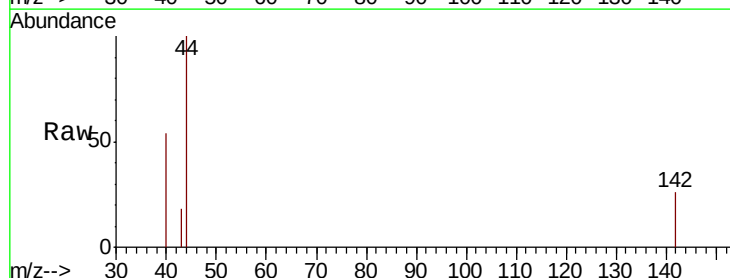
Tgt Ion: 142 Resp: 729

Ion Ratio Lower Upper

142 100

127 8.4 31.7 47.5#

141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

400

300

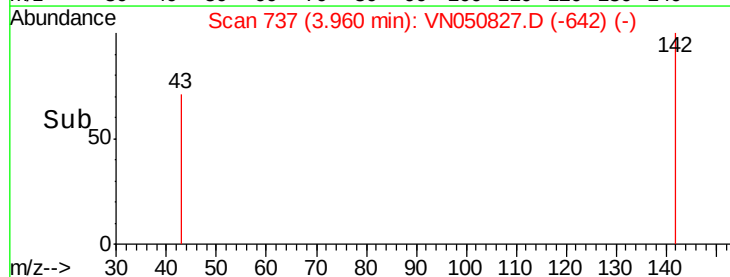
200

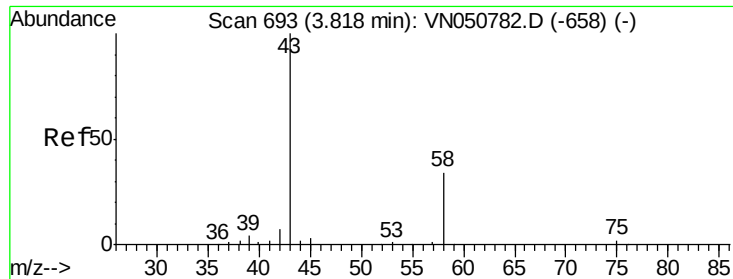
100

0

Time-->

3.95 3.96 4.00





#16

Acetone

Concen: 3.57 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050827.D

Acq: 22 Aug 2018 18:20

Instrument :

MSVOA_N

ClientSampleId :

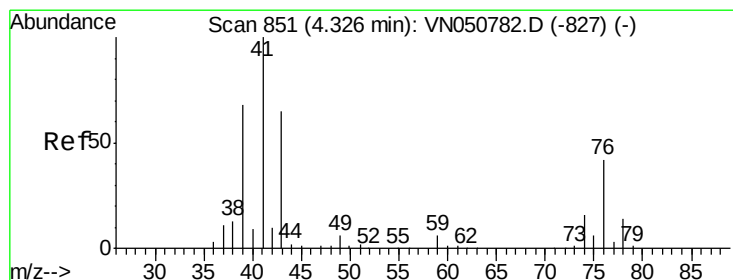
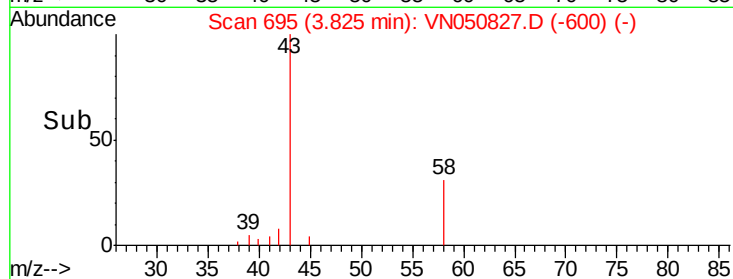
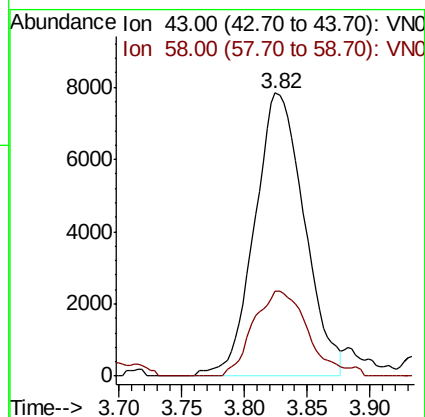
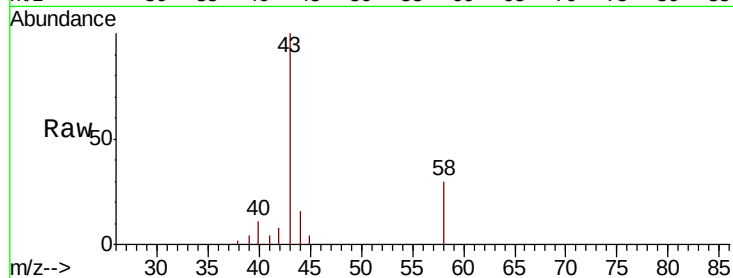
PB112269ZHE#03

Tot Ion: 43 Resp: 21667

Ion Ratio Lower Upper

43 100

58 30.0 27.2 40.8



#18

Methyl Acetate

Concen: 2.01 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN050827.D

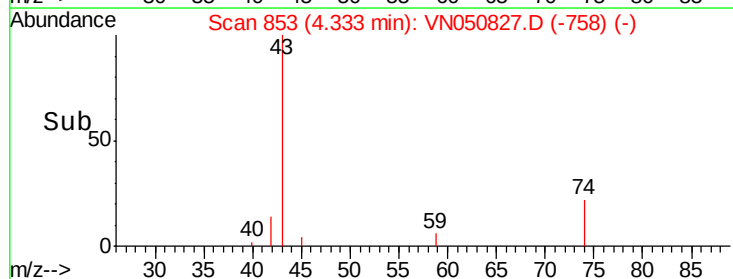
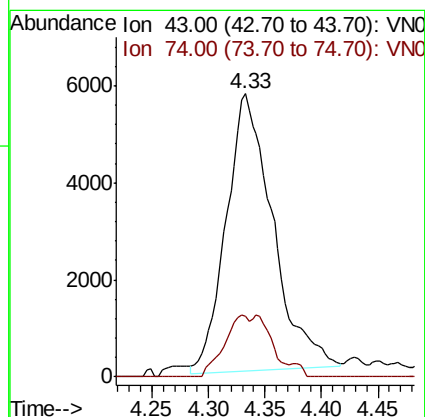
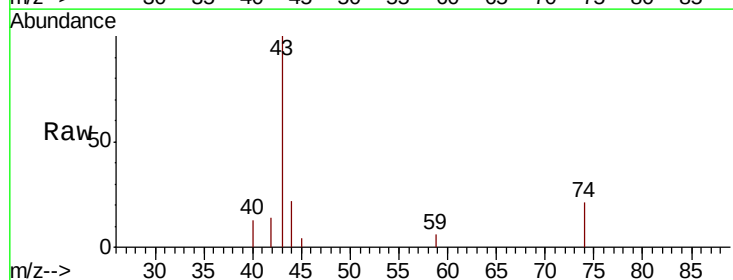
Acq: 22 Aug 2018 18:20

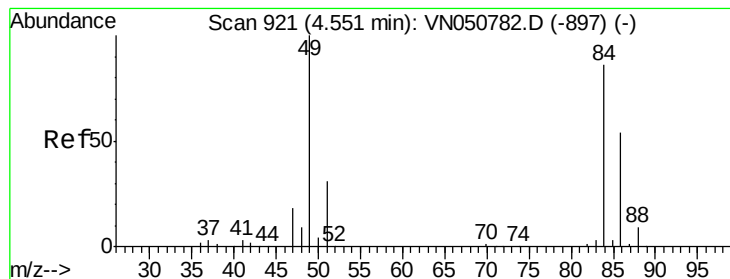
Tgt Ion: 43 Resp: 16468

Ion Ratio Lower Upper

43 100

74 11.8 19.8 29.8#





#20

Methvlene Chloride

Concen: 5.75 ug/l

RT: 4.55 min Scan# 921

Delta R.T. -0.00 min

Lab File: VN050827.D

Acq: 22 Aug 2018 18:20

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#03

Tot Ion: 84 Resp: 56265

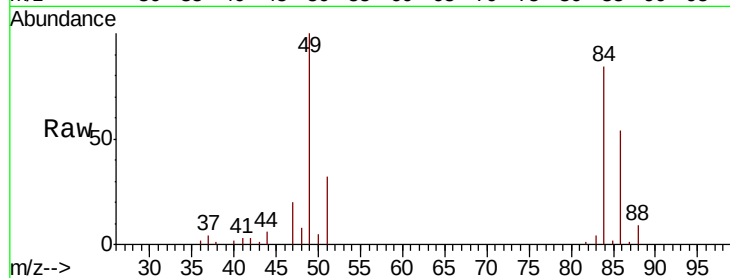
Ion Ratio Lower Upper

84 100

49 119.6 93.2 139.8

51 37.8 29.0 43.6

86 64.6 49.8 74.8

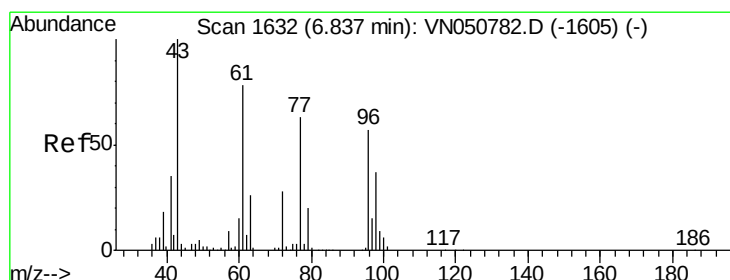
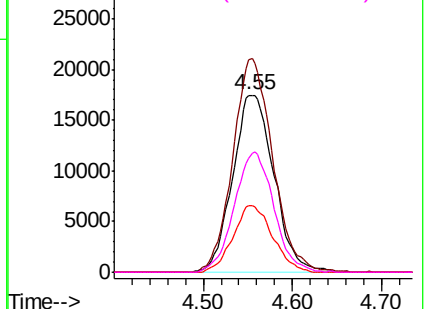
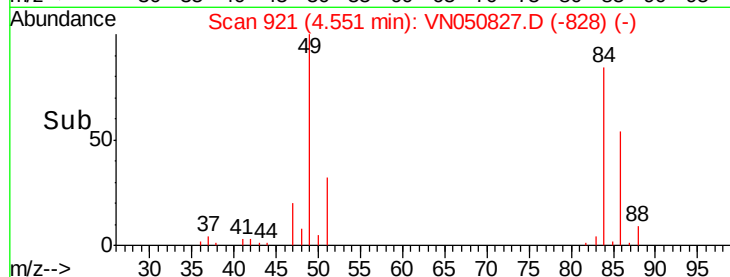


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 1.09 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VN050827.D

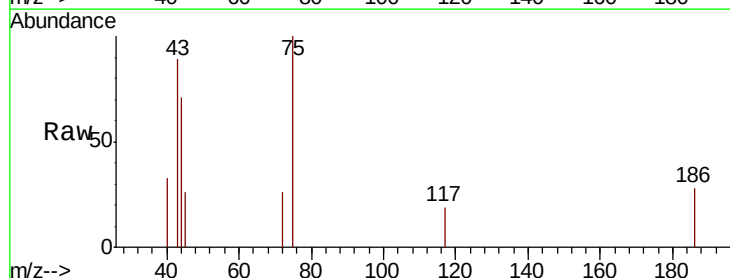
Acq: 22 Aug 2018 18:20

Tgt Ion: 43 Resp: 3803

Ion Ratio Lower Upper

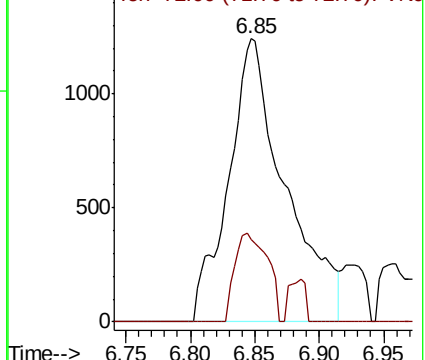
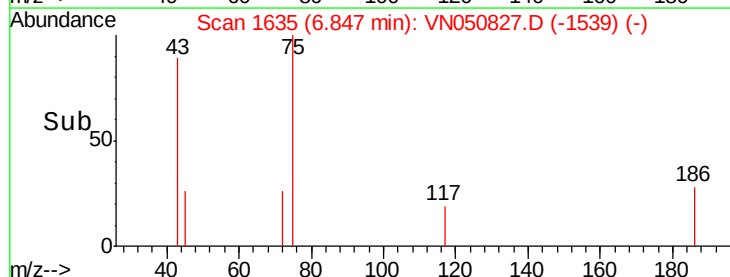
43 100

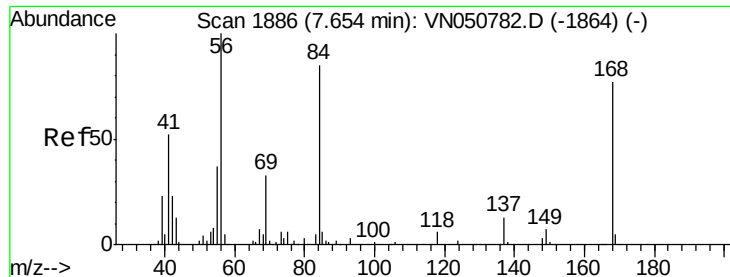
72 29.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

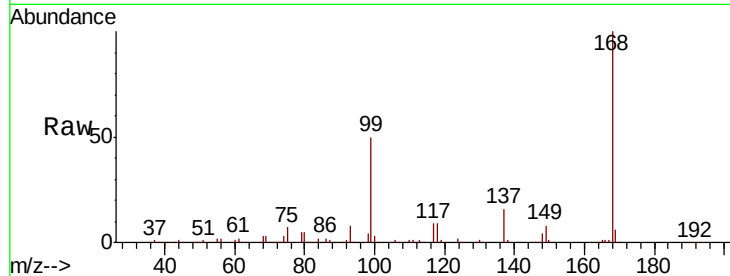




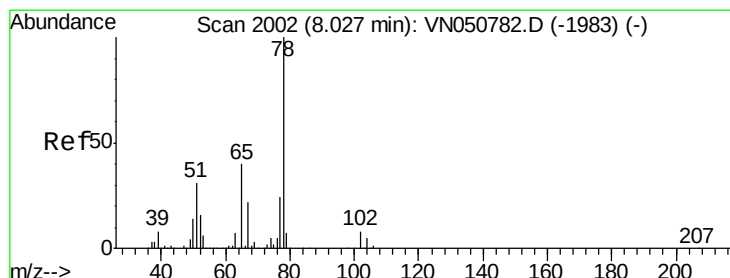
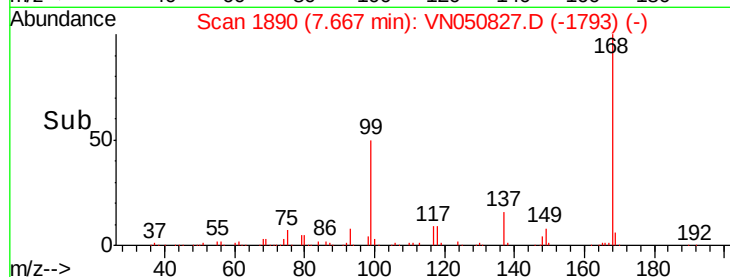
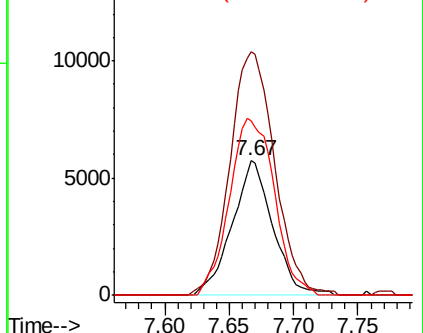
#31
Cyclohexane
Concen: 1.31 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050827.D
Acq: 22 Aug 2018 18:20

Instrument :
MSVOA_N
ClientSampleId :
PB112269ZHE#03

Tot Ion: 56 Resp: 12611
Ion Ratio Lower Upper
56 100
69 181.4 26.2 39.4#
84 130.5 68.3 102.5#

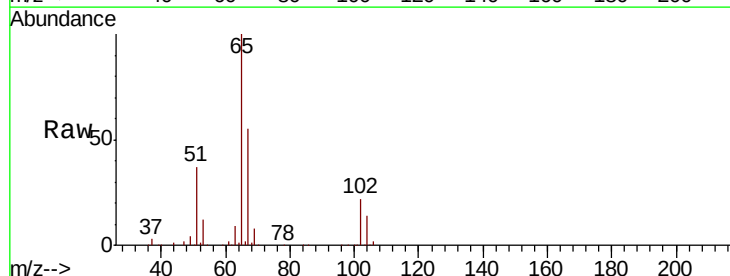


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

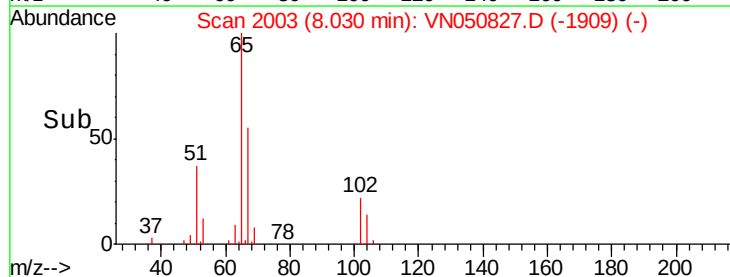
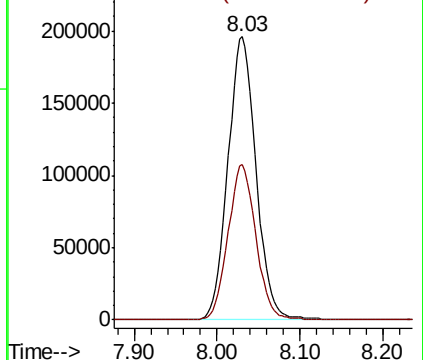


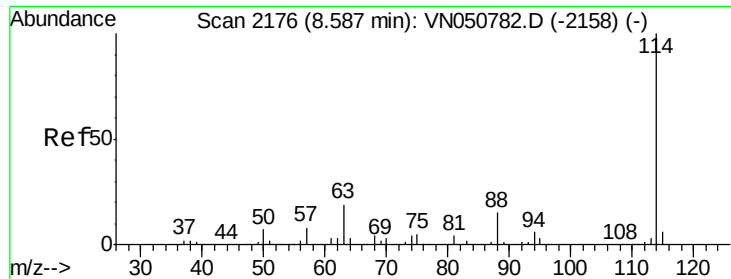
#33
1,2-Dichloroethane-d4
Concen: 53.33 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050827.D
Acq: 22 Aug 2018 18:20

Tgt Ion: 65 Resp: 463355
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.4



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

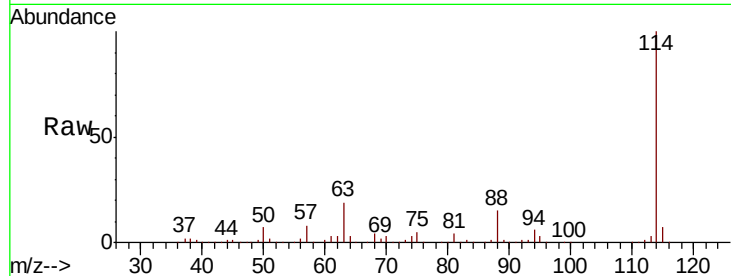




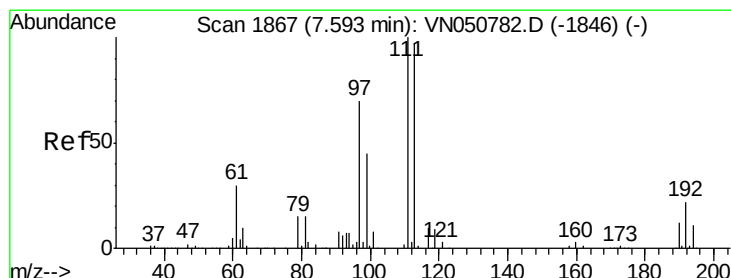
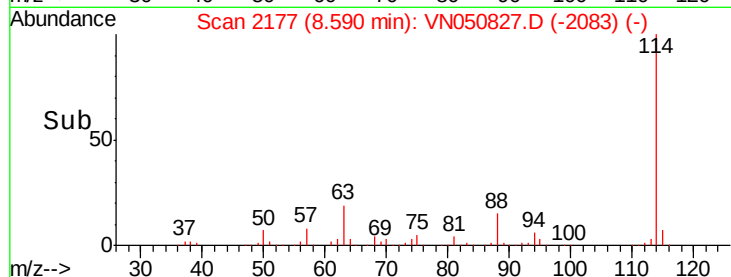
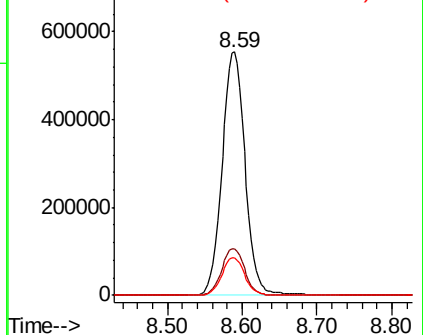
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050827.D
 Acq: 22 Aug 2018 18:20

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112269ZHE#03

Tot Ion:114 Resp: 1176436
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.4 0.0 30.6

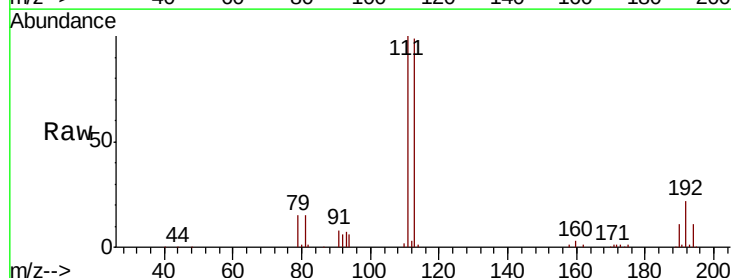


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

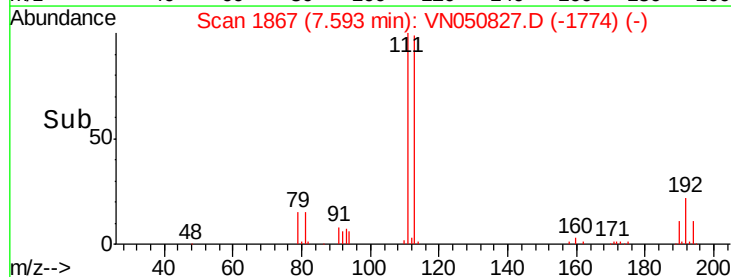
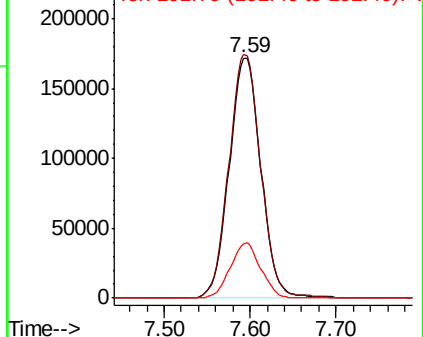


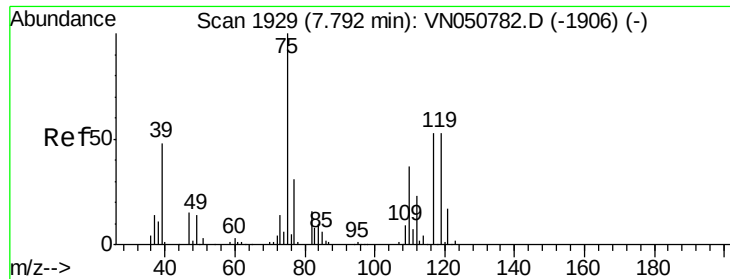
#35
 Dibromofluoromethane
 Concen: 46.96 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050827.D
 Acq: 22 Aug 2018 18:20

Tgt Ion:113 Resp: 439520
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.6 123.8
 192 22.1 18.0 27.0



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

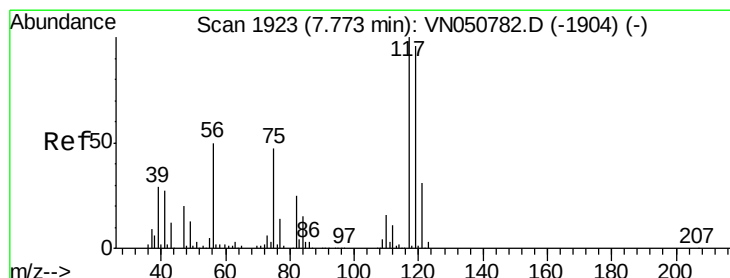
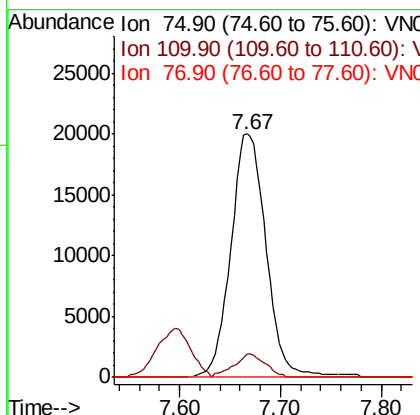
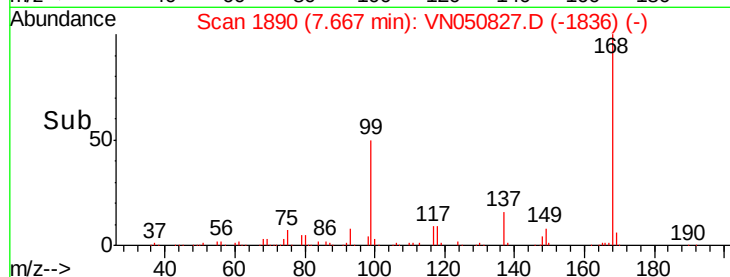
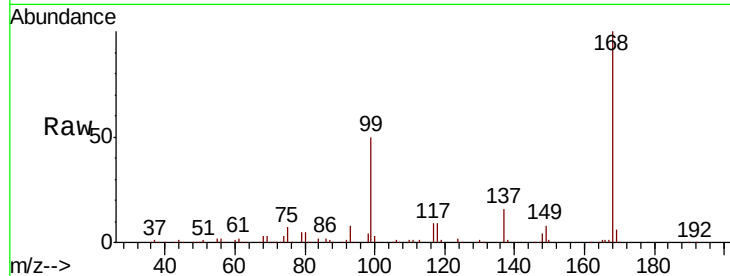




#36
 1,1-Dichloropropene
 Concen: 3.50 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050827.D
 Acq: 22 Aug 2018 18:20

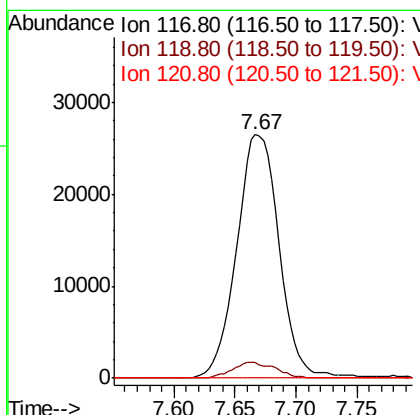
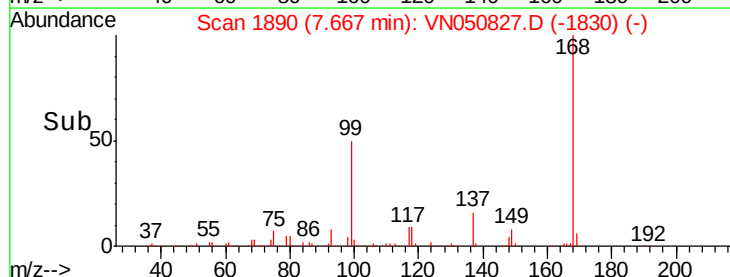
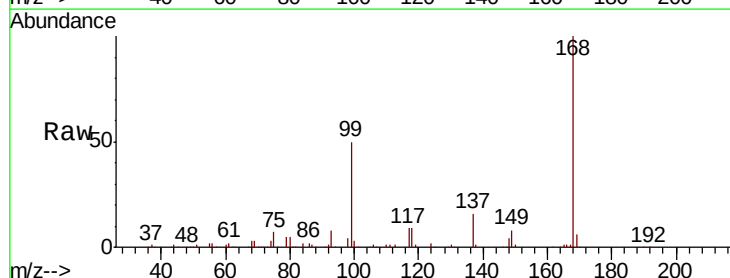
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112269ZHE#03

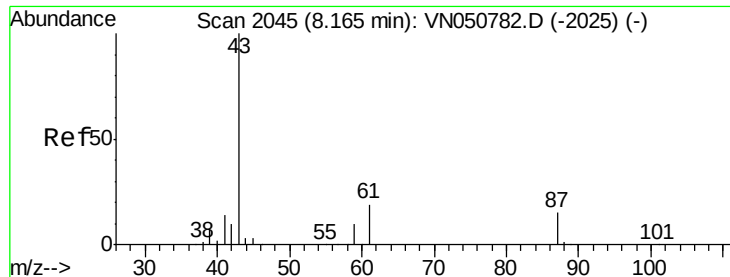
Tot Ion: 75 Resp: 48539
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.1 54.4#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 4.52 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050827.D
 Acq: 22 Aug 2018 18:20

Tgt Ion: 117 Resp: 63421
 Ion Ratio Lower Upper
 117 100
 119 6.3 76.3 114.5#
 121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 26.06 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050827.D

Acq: 22 Aug 2018 18:20

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#03

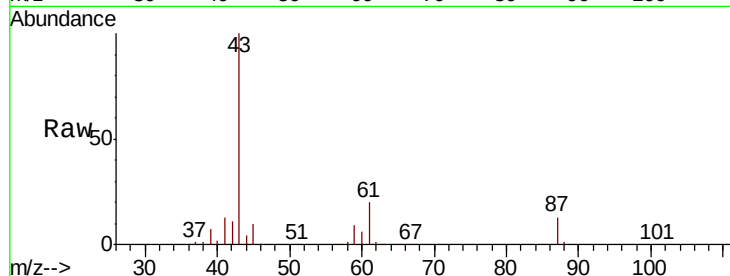
Tot Ion: 43 Resp: 357275

Ion Ratio Lower Upper

43 100

61 17.7 17.5 26.3

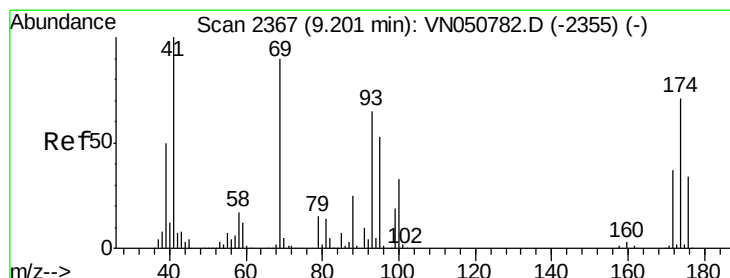
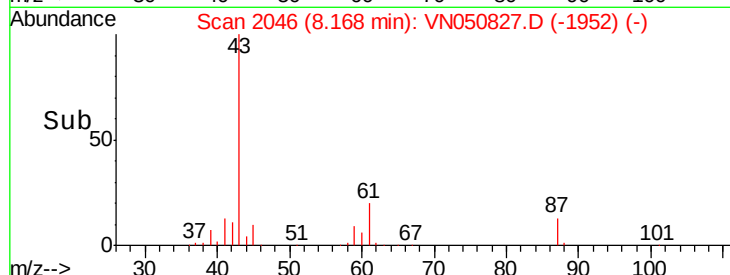
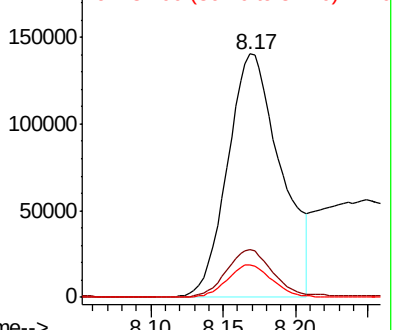
87 11.3 11.3 16.9



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: 1.29 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. -0.02 min

Lab File: VN050827.D

Acq: 22 Aug 2018 18:20

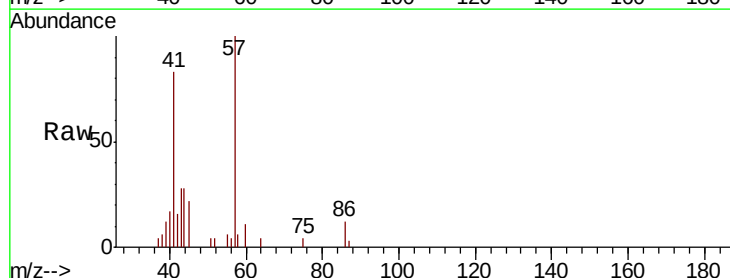
Tgt Ion: 41 Resp: 9032

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

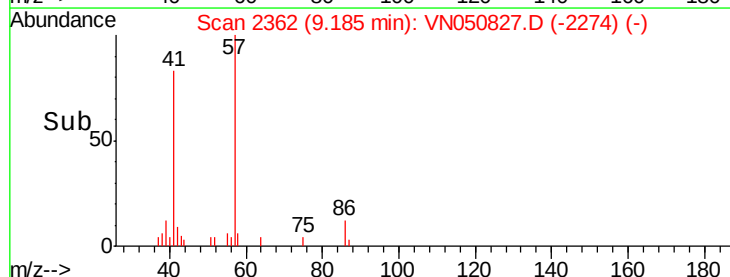
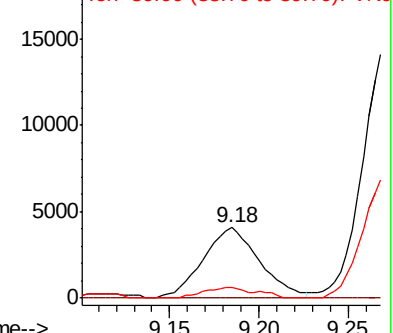
39 14.1 42.2 63.2#

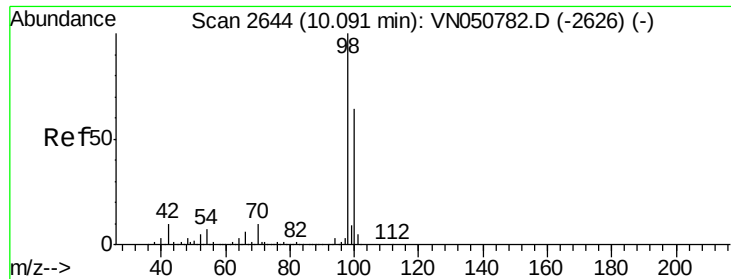


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 45.19 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050827.D

Acq: 22 Aug 2018 18:20

Instrument :

MSVOA_N

ClientSampleId :

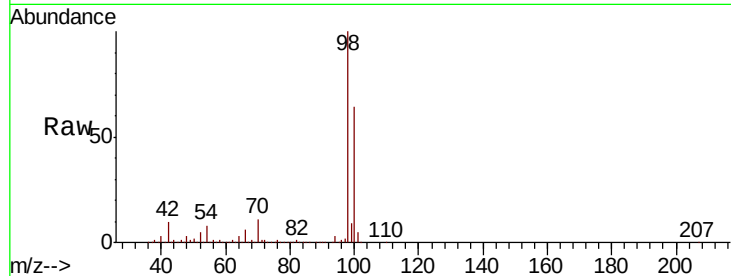
PB112269ZHE#03

Tot Ion: 98 Resp: 1581328

Ion Ratio Lower Upper

98 100

100 64.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN050827.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN050827.D (-2626) (-)

10.09

800000

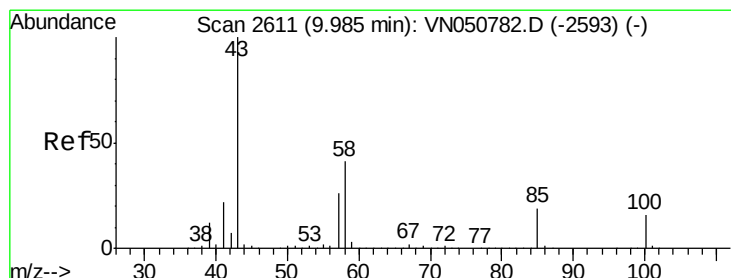
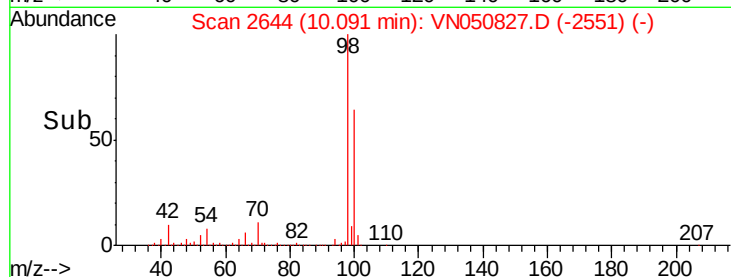
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.34 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN050827.D

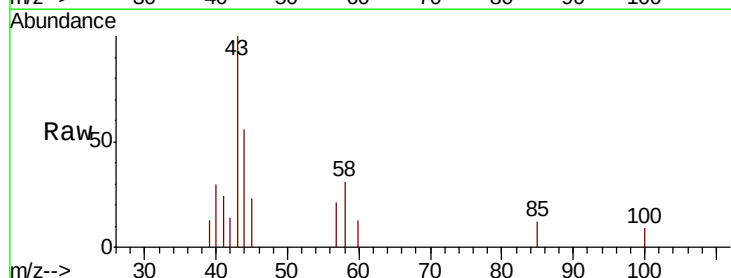
Acq: 22 Aug 2018 18:20

Tgt Ion: 43 Resp: 2801

Ion Ratio Lower Upper

43 100

58 37.0 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN050827.D (-2593) (-)

Ion 58.00 (57.70 to 58.70): VN050827.D (-2593) (-)

9.99

2500

2000

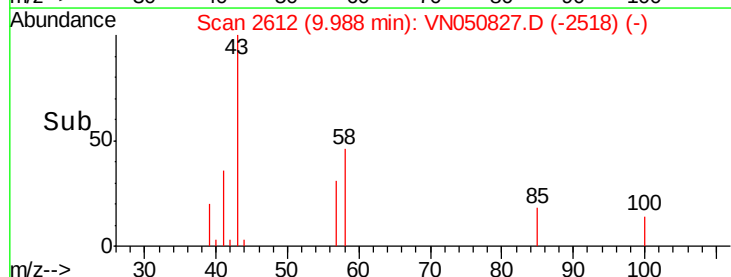
1500

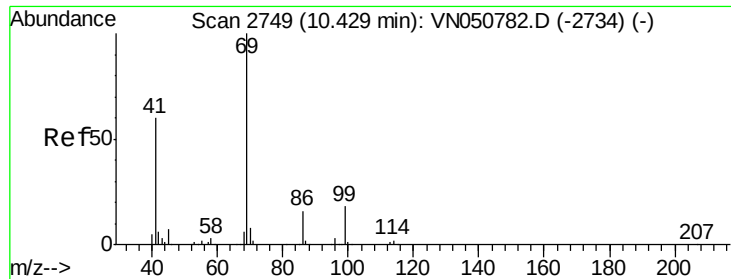
1000

500

0

Time-->





#56

Ethyl methacrylate

Concen: 2.51 ug/l

RT: 10.23 min Scan# 2686

Delta R.T. -0.20 min

Lab File: VN050827.D

Acq: 22 Aug 2018 18:20

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#03

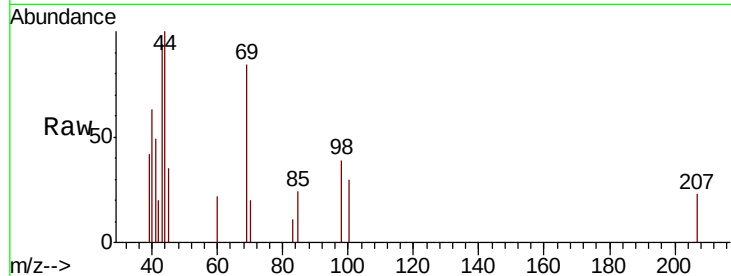
Tot Ion: 69 Resp: 2039

Ion Ratio Lower Upper

69 100

41 91.7 48.3 72.5#

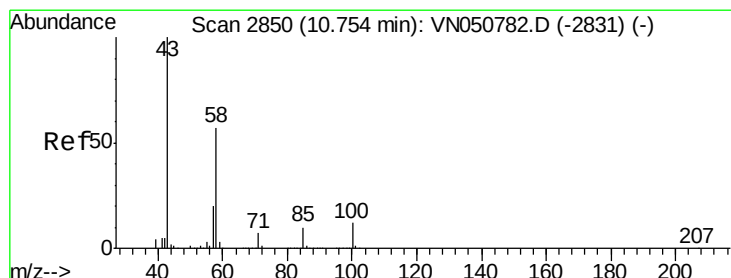
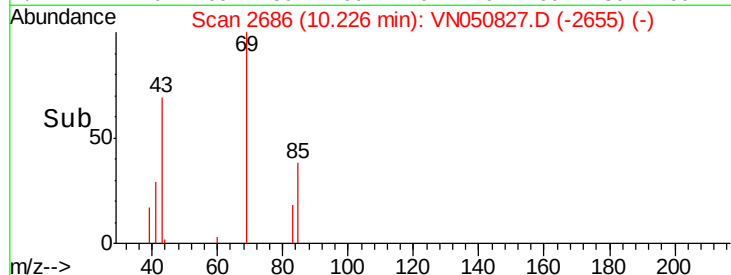
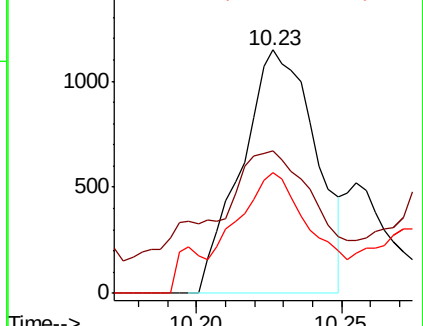
39 50.1 24.0 36.0#



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: 3.77 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050827.D

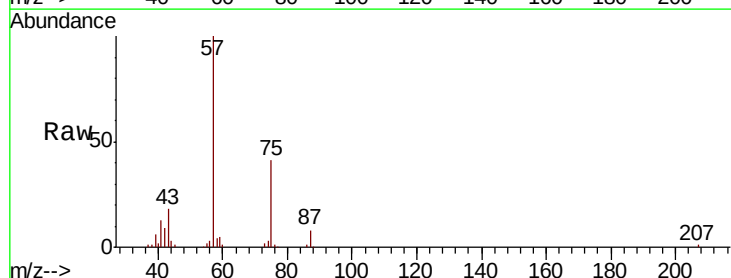
Acq: 22 Aug 2018 18:20

Tgt Ion: 43 Resp: 20552

Ion Ratio Lower Upper

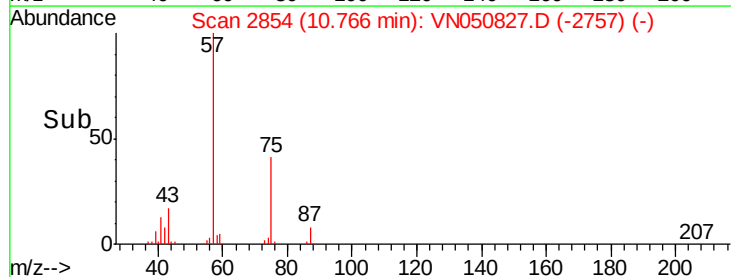
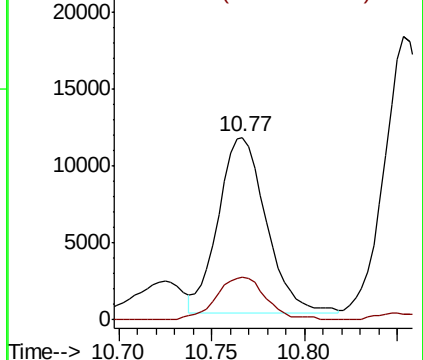
43 100

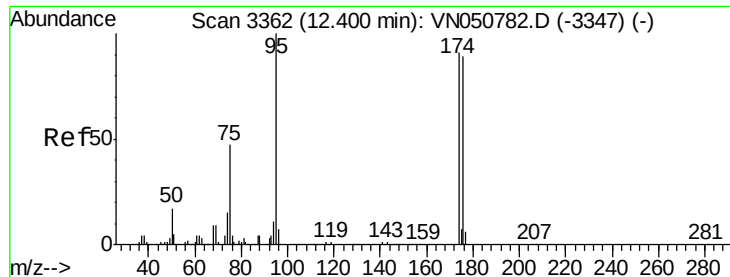
58 25.0 28.3 85.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 39.78 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050827.D

Acq: 22 Aug 2018 18:20

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#03

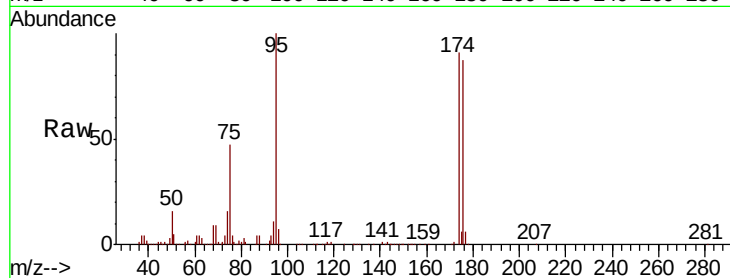
Tot Ion: 95 Resp: 462498

Ion Ratio Lower Upper

95 100

174 91.4 0.0 183.0

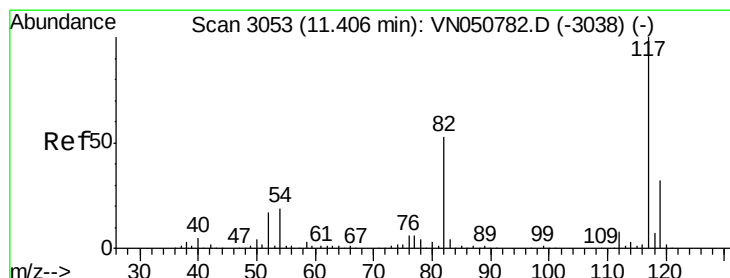
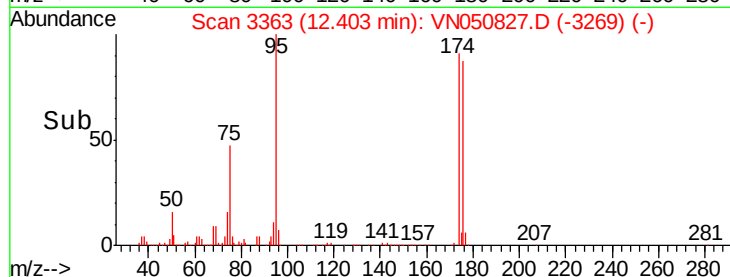
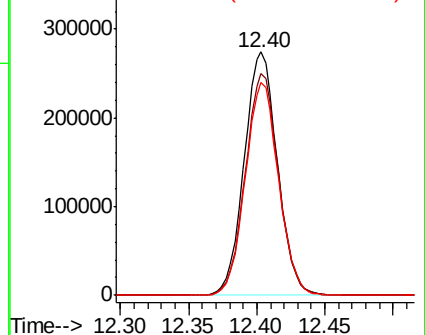
176 87.6 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN050827.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050827.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050827.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050827.D

Acq: 22 Aug 2018 18:20

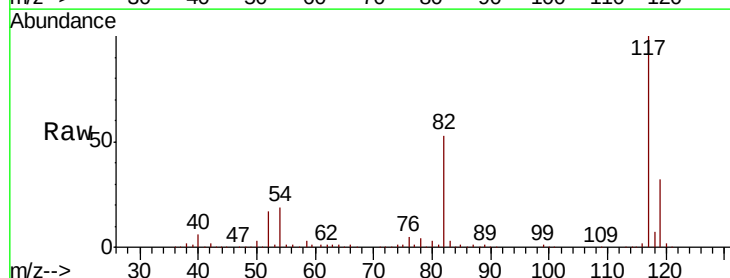
Tgt Ion: 117 Resp: 991700

Ion Ratio Lower Upper

117 100

82 53.4 42.6 64.0

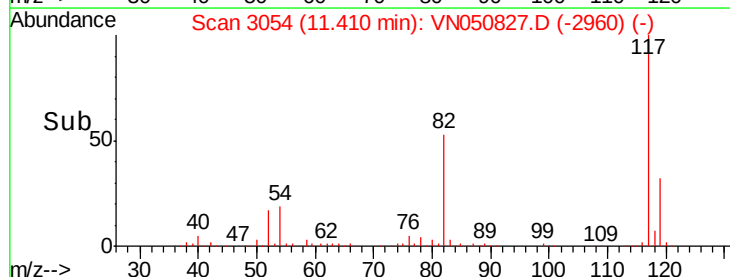
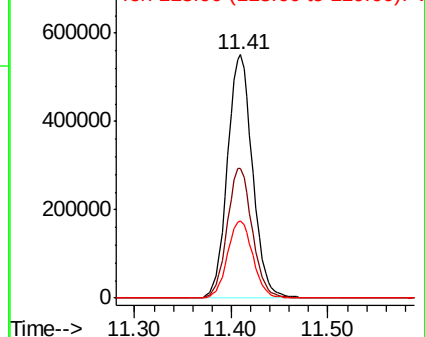
119 31.6 25.8 38.6

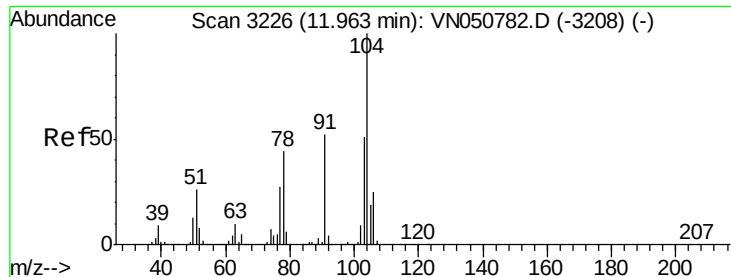


Abundance Ion 116.90 (116.60 to 117.60): VN050827.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050827.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050827.D (-3038) (-)

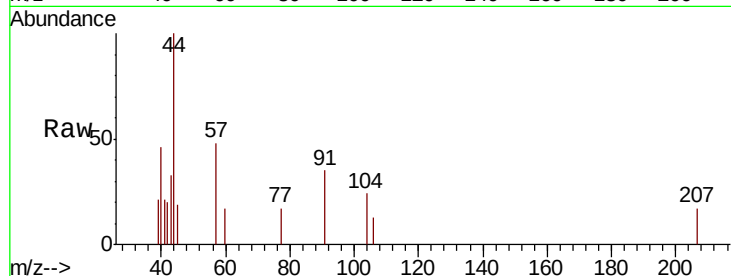




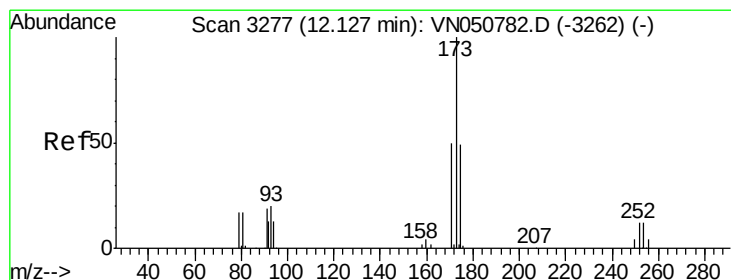
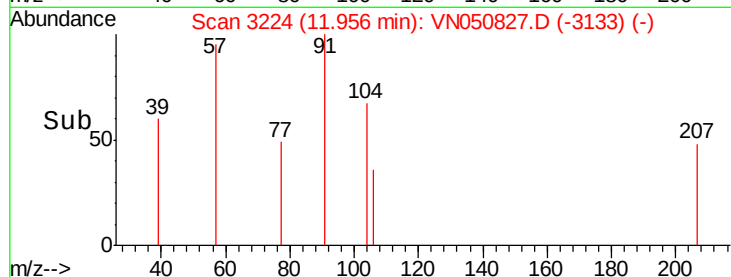
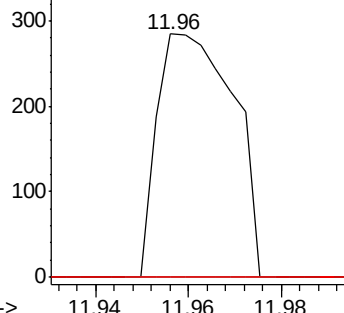
#70
Stvrene
Concen: 1.28 ug/l
RT: 11.96 min Scan# 3224
Delta R.T. -0.01 min
Lab File: VN050827.D
Acq: 22 Aug 2018 18:20

Instrument :
MSVOA_N
ClientSampleId :
PB112269ZHE#03

Tot Ion:104 Resp: 325
Ion Ratio Lower Upper
104 100
78 0.0 38.2 57.4#
103 0.0 44.4 66.6#

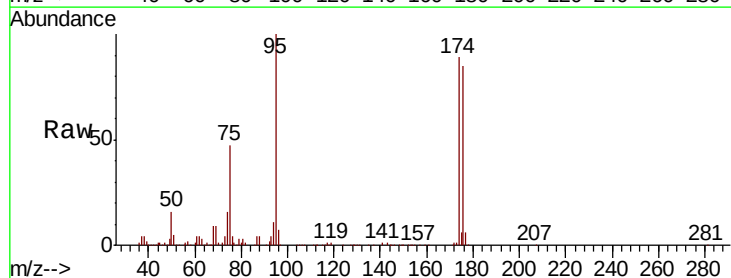


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

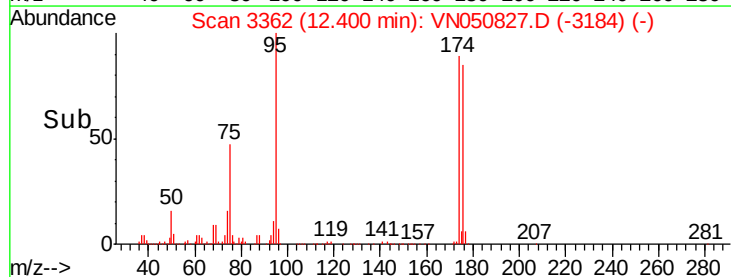
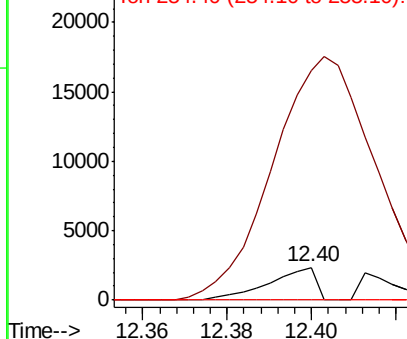


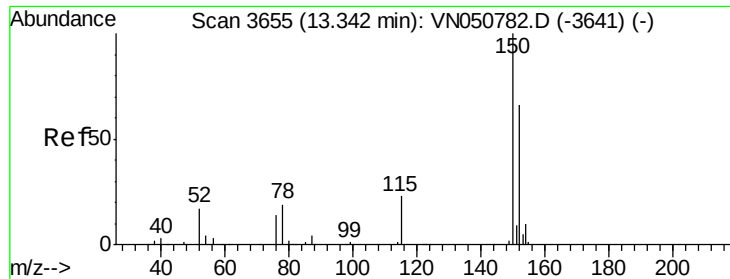
#71
Bromoform
Concen: 0.28 ug/l
RT: 12.40 min Scan# 3362
Delta R.T. 0.27 min
Lab File: VN050827.D
Acq: 22 Aug 2018 18:20

Tgt Ion:173 Resp: 1801
Ion Ratio Lower Upper
173 100
175 1373.5 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: VN050827.D

Acq: 22 Aug 2018 18:20

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#03

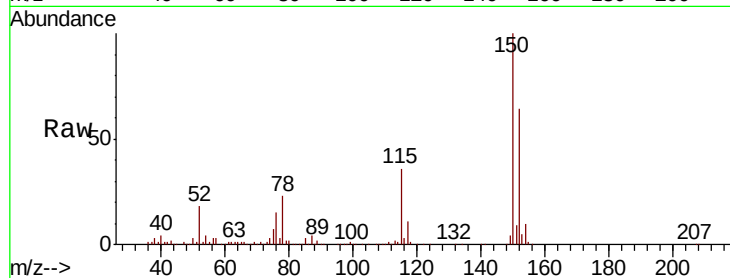
Tot Ion:152 Resp: 383743

Ion Ratio Lower Upper

152 100

115 56.5 27.8 83.4

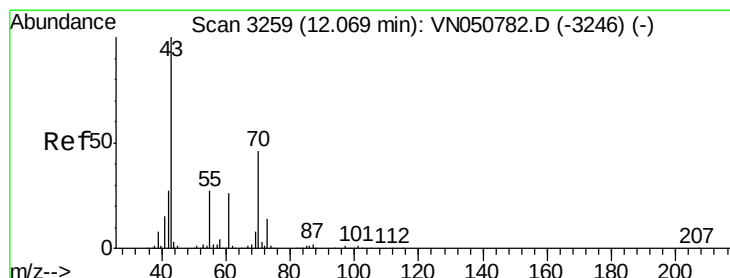
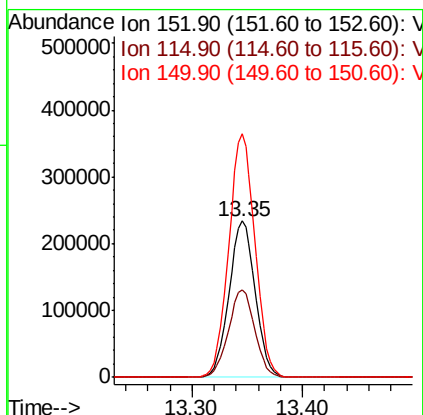
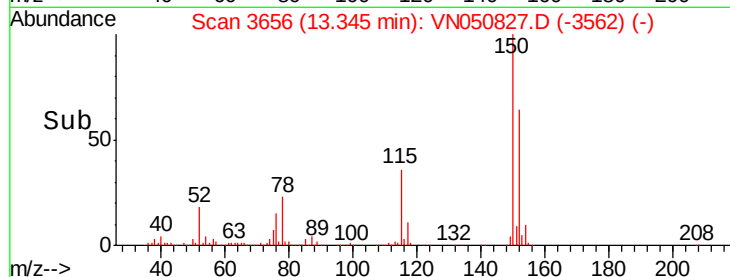
150 156.0 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.40 ug/l

RT: 12.04 min Scan# 3250

Delta R.T. -0.03 min

Lab File: VN050827.D

Acq: 22 Aug 2018 18:20

Tgt Ion: 43 Resp: 3175

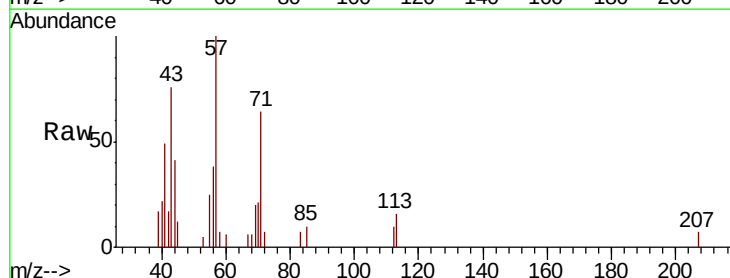
Ion Ratio Lower Upper

43 100

70 33.5 36.2 54.2#

55 53.7 21.8 32.8#

61 0.0 20.5 30.7#

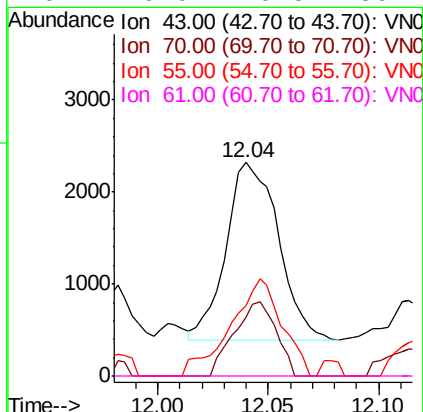
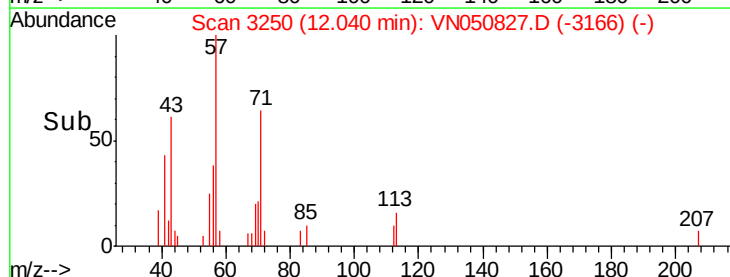


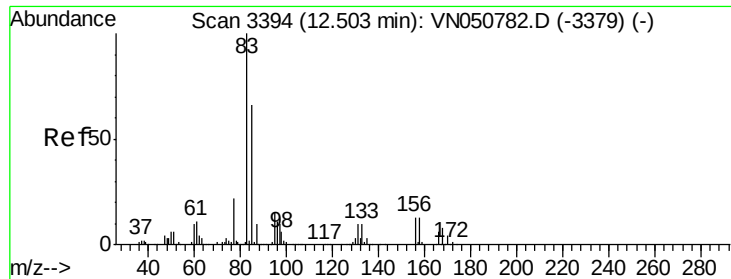
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.45 min Scan# 3378

Delta R.T. -0.05 min

Lab File: VN050827.D

Acq: 22 Aug 2018 18:20

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#03

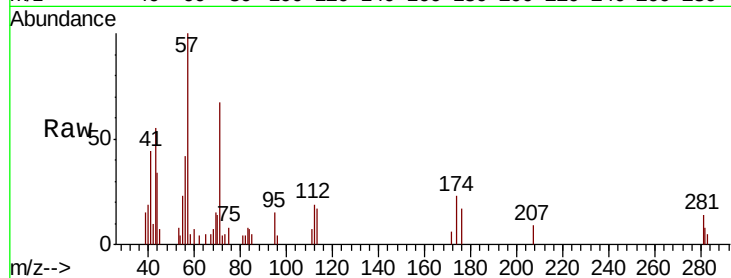
Tot Ion: 83 Resp: 414

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): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.45

300

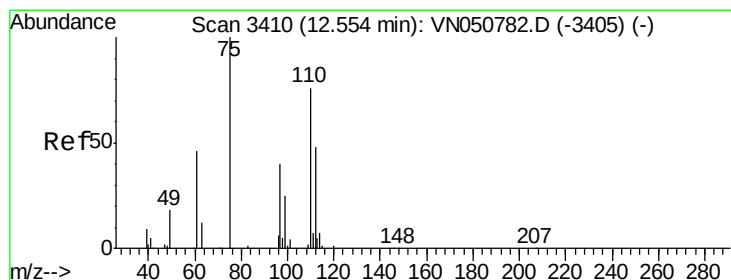
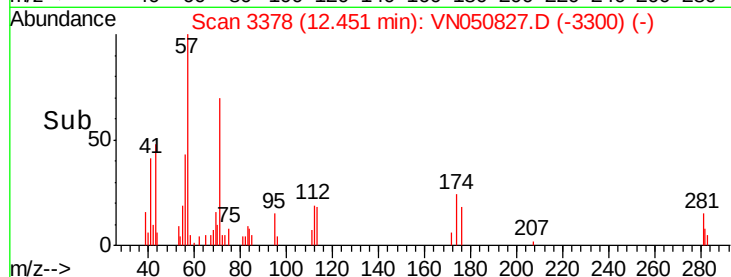
200

100

0

12.42 12.44 12.46

Time-->



#76

1,2,3-Trichloropropane

Concen: 32.57 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050827.D

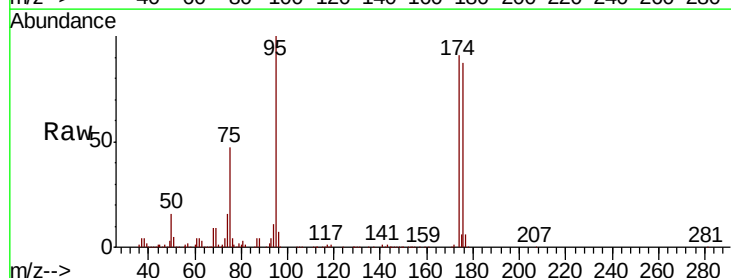
Acq: 22 Aug 2018 18:20

Tgt Ion: 75 Resp: 218883

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

150000 Ion 77.00 (76.70 to 77.70): VN0

12.40

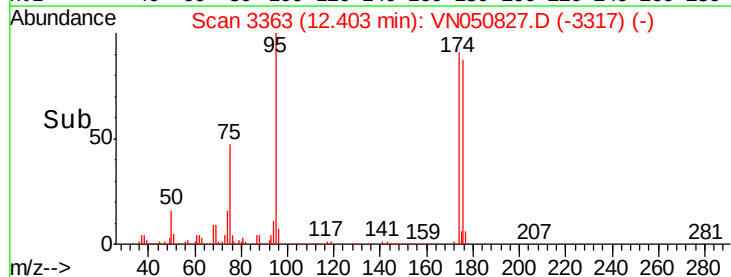
100000

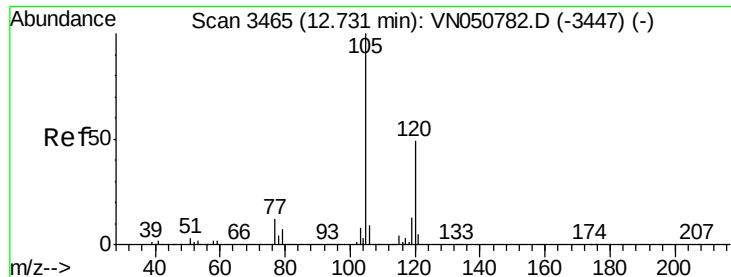
50000

0

12.30 12.40 12.50

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 0.26 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050827.D

Acq: 22 Aug 2018 18:20

Instrument :

MSVOA_N

ClientSampleId :

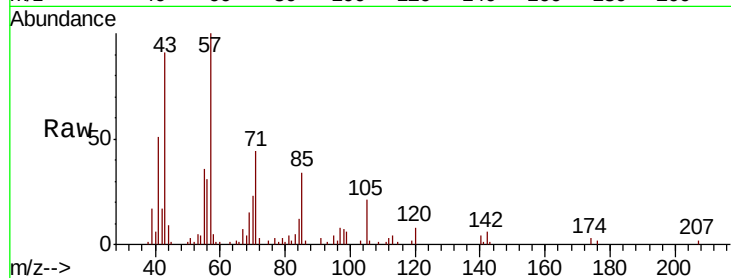
PB112269ZHE#03

Tot Ion:105 Resp: 6714

Ion Ratio Lower Upper

105 100

120 45.2 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

4000

3000

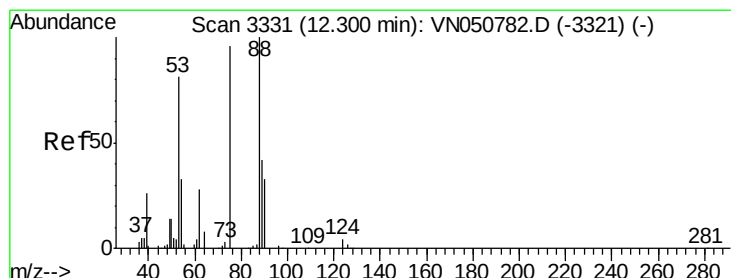
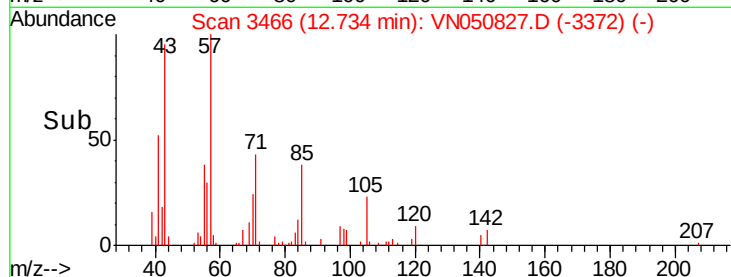
2000

1000

0

12.70 12.75 12.80

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 110.09 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050827.D

Acq: 22 Aug 2018 18:20

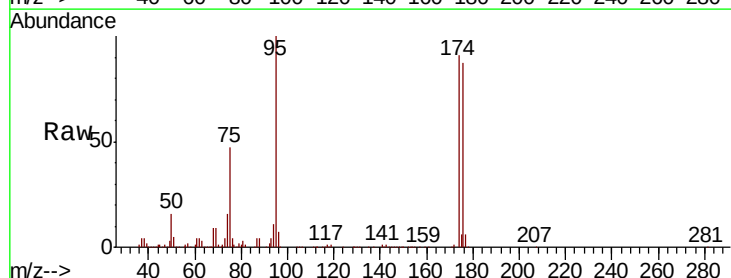
Tgt Ion: 75 Resp: 218883

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): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

12.40

150000

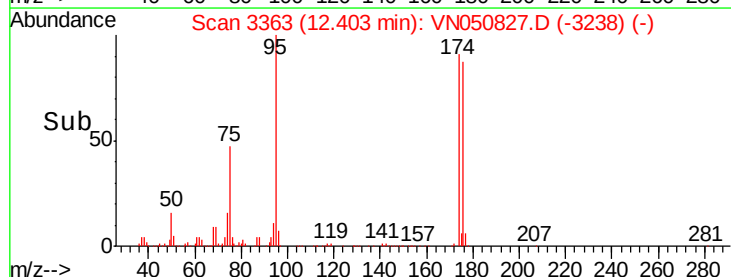
100000

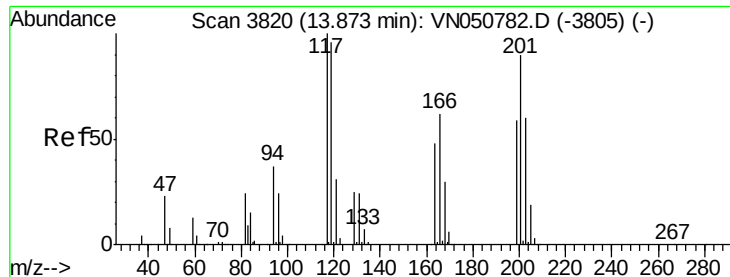
50000

0

12.30 12.40 12.50

Time-->





#90

Hexachloroethane

Concen: 0.22 ug/l

RT: 13.99 min Scan# 3857

Delta R.T. 0.12 min

Lab File: VN050827.D

Acq: 22 Aug 2018 18:20

Instrument :

MSVOA_N

ClientSampleId :

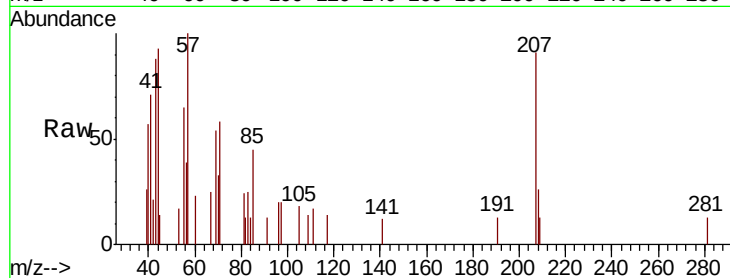
PB112269ZHE#03

Tot Ion:117 Resp: 156

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

13.99

150

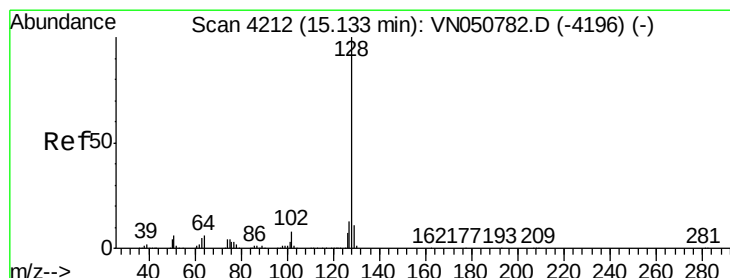
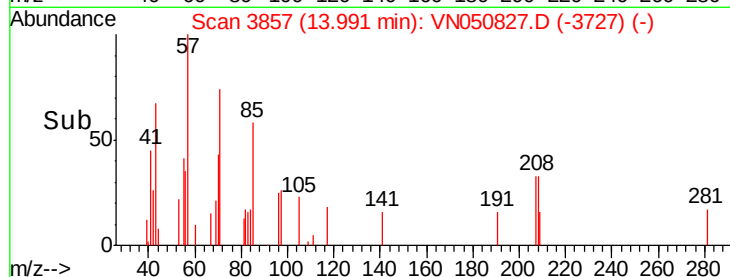
100

50

0

13.98 14.00

Time-->



#95

Naphthalene

Concen: 5.47 ug/l

RT: 15.13 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN050827.D

Acq: 22 Aug 2018 18:20

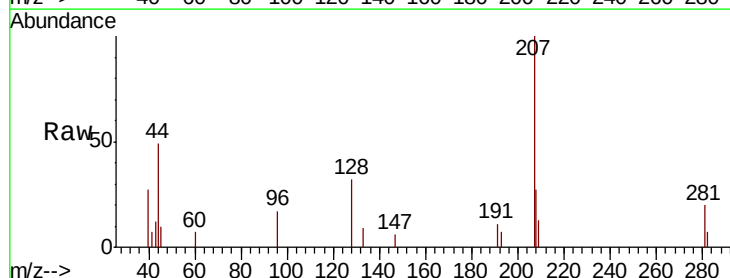
Tgt Ion:128 Resp: 1251

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 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

15.13

1000

800

600

400

200

0

15.10 15.15

Time-->

