

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050056.D
 Acq On : 25 Jul 2018 21:00
 Operator : MD\SY
 Sample : PB111424ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424ZHE#03

Quant Time: Jul 26 06:57:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	612120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1025746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	866525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	293873	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	443143	51.89	ug/l	0.00
Spiked Amount			Recovery	=	103.78%	
35) Dibromofluoromethane	7.60	113	392615	46.88	ug/l	0.00
Spiked Amount			Recovery	=	93.76%	
50) Toluene-d8	10.09	98	1385323	44.99	ug/l	0.00
Spiked Amount			Recovery	=	89.98%	
62) 4-Bromofluorobenzene	12.40	95	374423	36.93	ug/l	0.00
Spiked Amount			Recovery	=	73.86%	

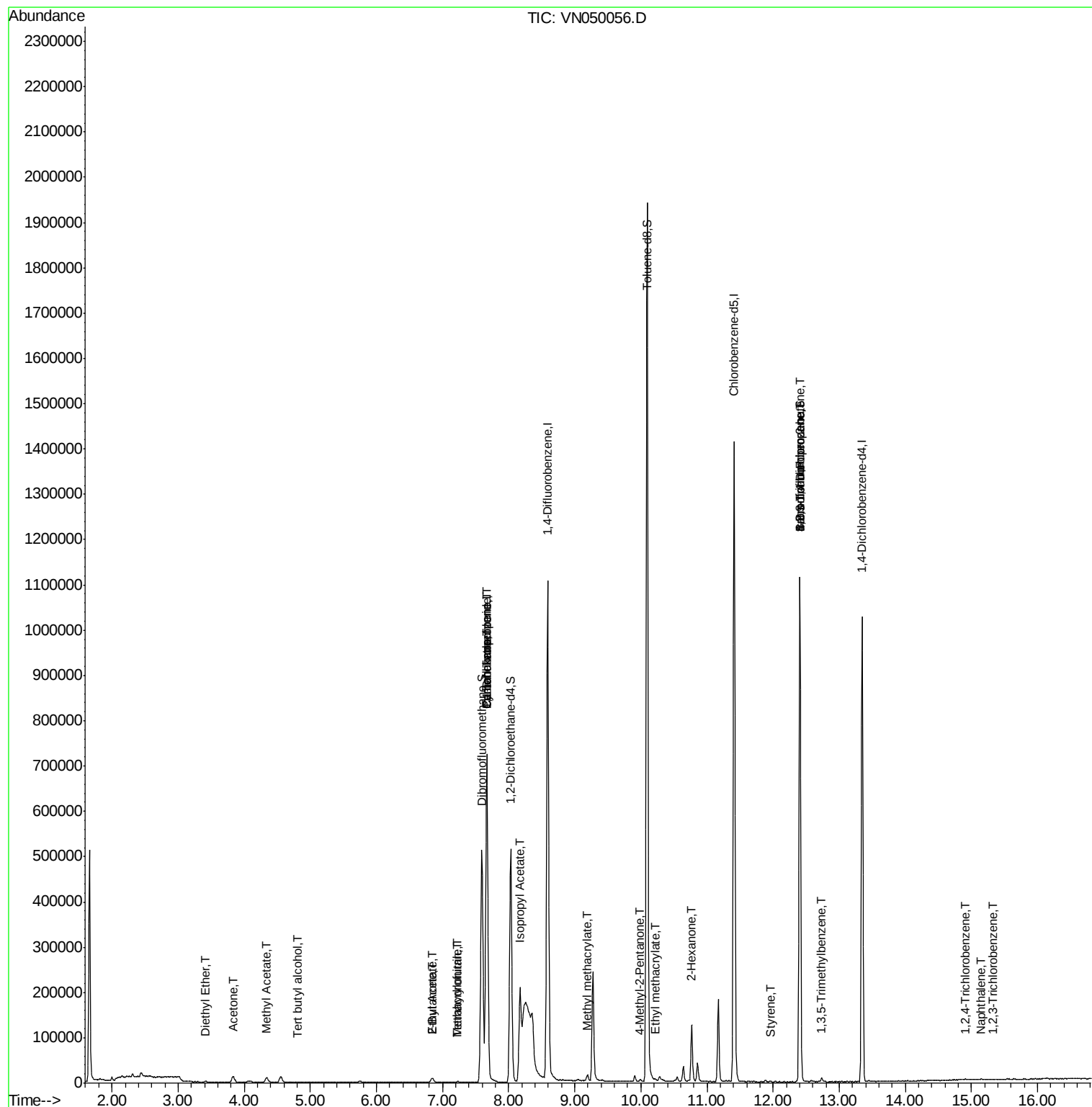
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	1616	Below Cal		98
8) Diethyl Ether	3.41	74	938	0.22 ug/l		59
11) Tert butyl alcohol	4.81	59	144	0.23 ug/l #		72
16) Acetone	3.83	43	24023	7.73 ug/l		98
18) Methyl Acetate	4.34	43	20124	0.97 ug/l		95
20) Methylene Chloride	4.55	84	9487	Below Cal		96
25) 2-Butanone	6.85	43	7261	2.23 ug/l		99
29) Tetrahydrofuran	7.22	42	1685	0.80 ug/l #		68
31) Cyclohexane	7.67	56	11588	0.92 ug/l #		1
36) 1,1-Dichloropropene	7.67	75	42746	3.70 ug/l #		43
37) Ethyl Acetate	6.85	43	7261	0.90 ug/l #		73
38) Carbon Tetrachloride	7.67	117	56528	4.61 ug/l #		17
41) Methacrylonitrile	7.21	41	528	2.87 ug/l #		28
43) Isopropyl Acetate	8.17	43	264603	16.67 ug/l		94
48) Methyl methacrylate	9.19	41	7556	1.09 ug/l #		22
51) 4-Methyl-2-Pentanone	9.99	43	1779	0.22 ug/l #		74
56) Ethyl methacrylate	10.23	69	2319	2.23 ug/l #		84
59) 2-Hexanone	10.77	43	16795	8.00 ug/l		65
70) Styrene	11.97	104	344	0.94 ug/l #		78
71) Bromoform	12.41	173	3759	0.61 ug/l #		1
75) 1,1,2,2-Tetrachloroethane	12.41	83	207	Below Cal #		1
76) 1,2,3-Trichloropropane	12.40	75	181974	33.32 ug/l #		100
80) 1,3,5-Trimethylbenzene	12.74	105	3920	0.22 ug/l		97
81) trans-1,4-Dichloro-2-buten	12.40	75	181974	105.69 ug/l #		13
92) 1,2-Dibromo-3-Chloropropan	14.52	75	63	Below Cal #		1
93) 1,2,4-Trichlorobenzene	14.91	180	585	3.18 ug/l #		76
95) Naphthalene	15.14	128	1100	4.49 ug/l #		69
96) 1,2,3-Trichlorobenzene	15.33	180	90	2.22 ug/l #		28

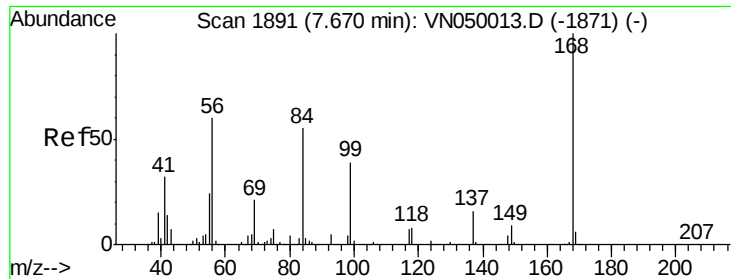
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 24 06:27:04 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: VN050056.D

Acq: 25 Jul 2018 21:00

Instrument :

MSVOA_N

ClientSampleId :

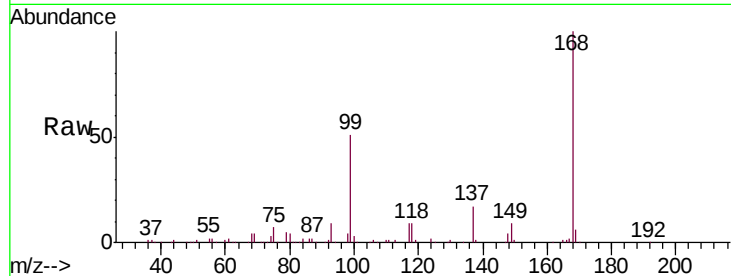
PB111424ZHE#03

Tot Ion:168 Resp: 612120

Ion Ratio Lower Upper

168 100

99 51.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050013.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050013.D (-1871) (-)

7.67

250000

200000

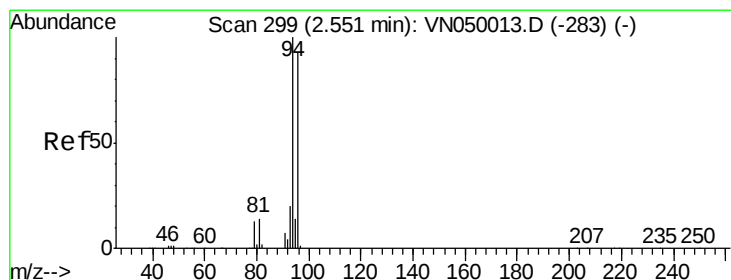
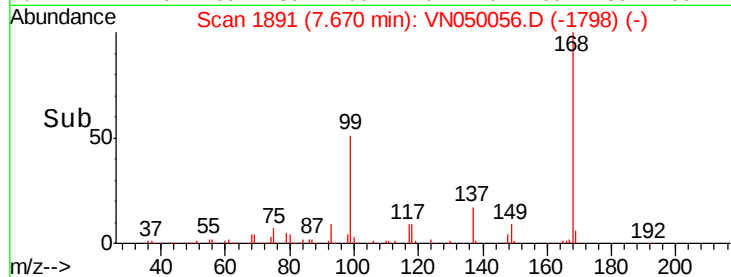
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.02 min

Lab File: VN050056.D

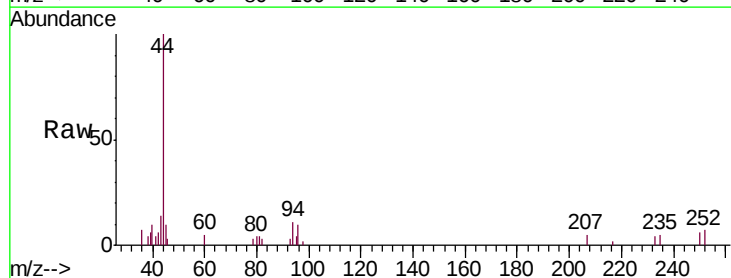
Acq: 25 Jul 2018 21:00

Tgt Ion: 94 Resp: 1616

Ion Ratio Lower Upper

94 100

96 95.6 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN050013.D (-283) (-)

Ion 95.90 (95.60 to 96.60): VN050013.D (-283) (-)

2.57

800

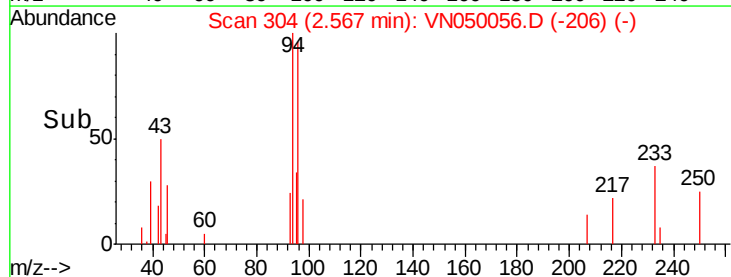
600

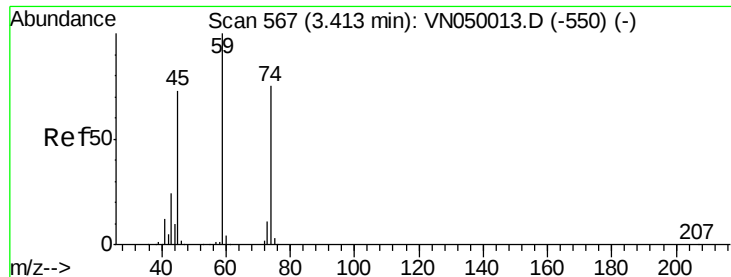
400

200

0

Time-->





#8

Diethyl Ether

Concen: 0.22 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN050056.D

Acq: 25 Jul 2018 21:00

Instrument :

MSVOA_N

ClientSampleId :

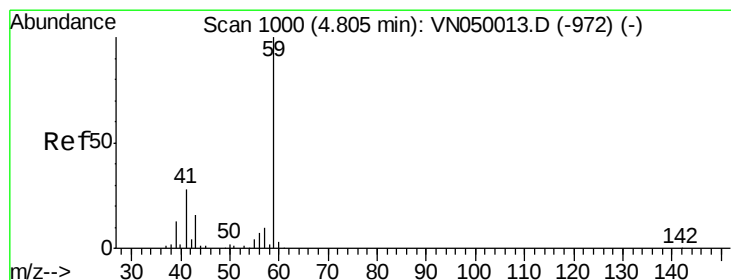
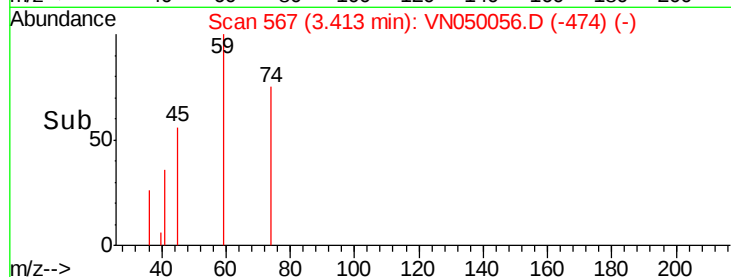
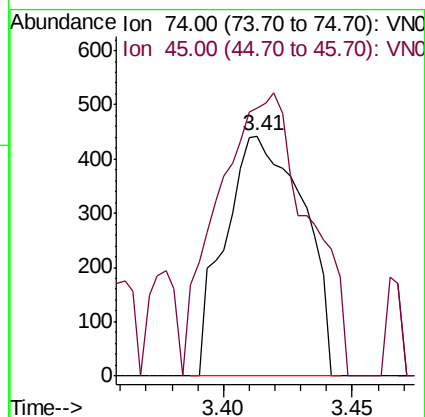
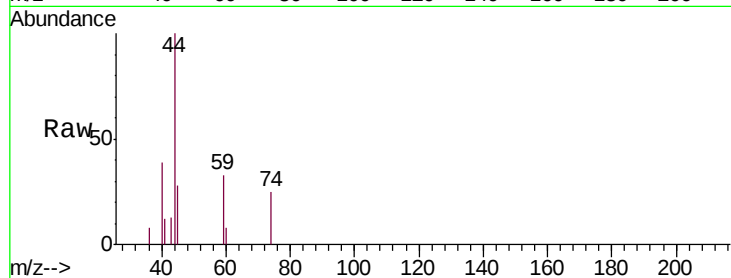
PB111424ZHE#03

Tot Ion: 74 Resp: 938

Ion Ratio Lower Upper

74 100

45 135.0 47.6 142.8



#11

Tert butyl alcohol

Concen: 0.23 ug/l

RT: 4.81 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN050056.D

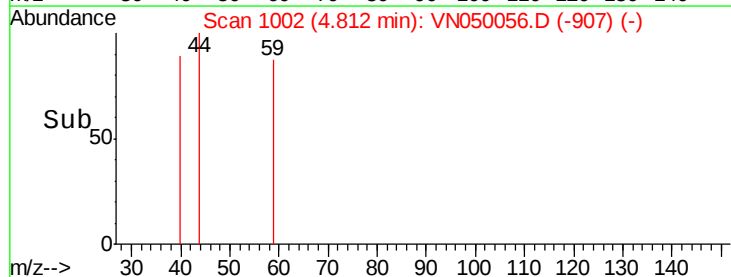
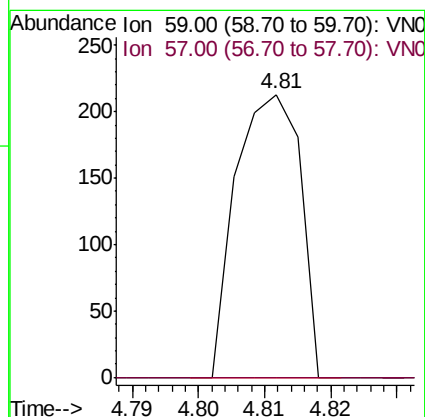
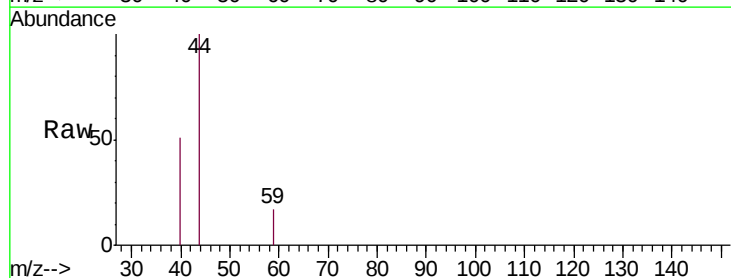
Acq: 25 Jul 2018 21:00

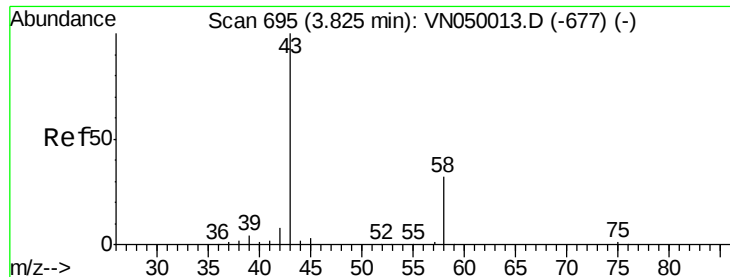
Tgt Ion: 59 Resp: 144

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#16

Acetone

Concen: 7.73 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050056.D

Acq: 25 Jul 2018 21:00

Instrument :

MSVOA_N

ClientSampleId :

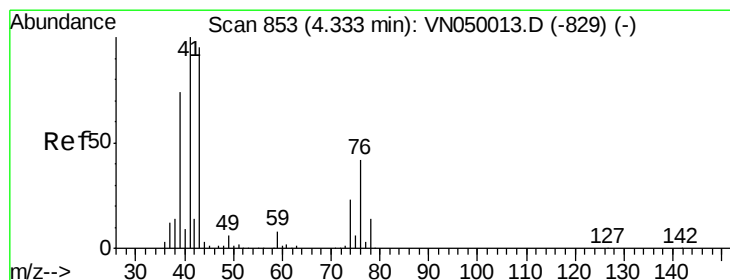
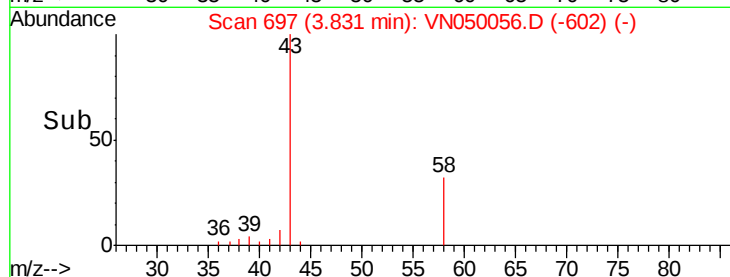
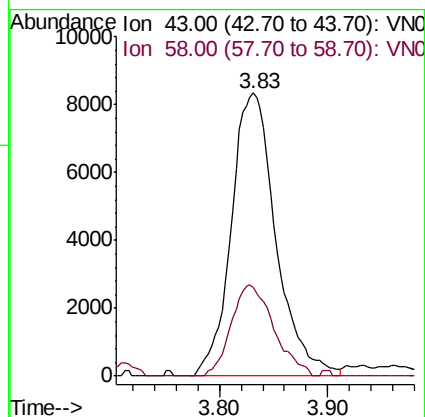
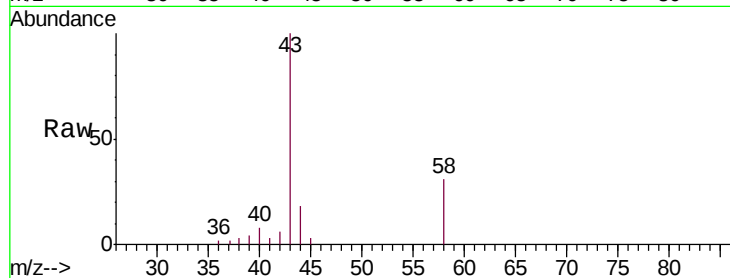
PB111424ZHE#03

Tot Ion: 43 Resp: 24023

Ion Ratio Lower Upper

43 100

58 31.3 25.8 38.8



#18

Methyl Acetate

Concen: 0.97 ug/l

RT: 4.34 min Scan# 855

Delta R.T. 0.01 min

Lab File: VN050056.D

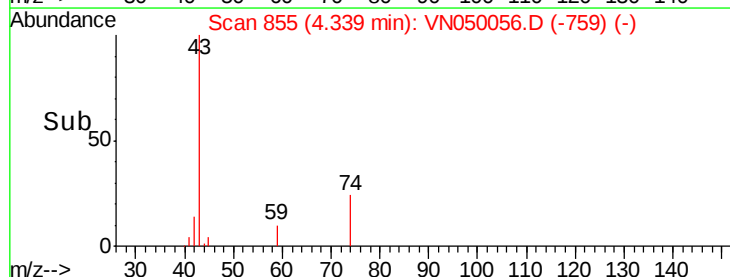
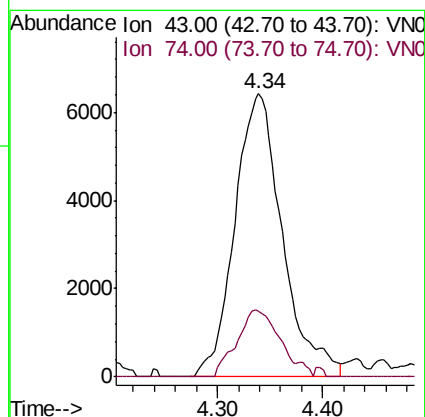
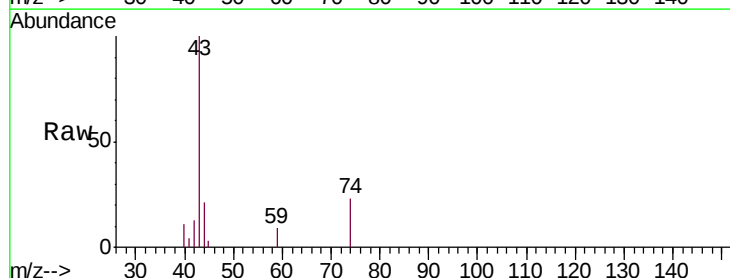
Acq: 25 Jul 2018 21:00

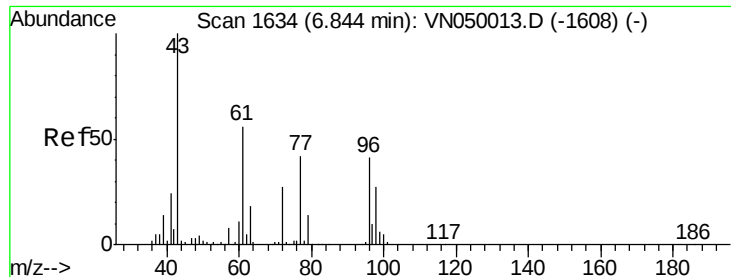
Tgt Ion: 43 Resp: 20124

Ion Ratio Lower Upper

43 100

74 21.6 19.2 28.8





#25

2-Butanone

Concen: 2.23 ug/l

RT: 6.85 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VN050056.D

Acq: 25 Jul 2018 21:00

Instrument :

MSVOA_N

ClientSampleId :

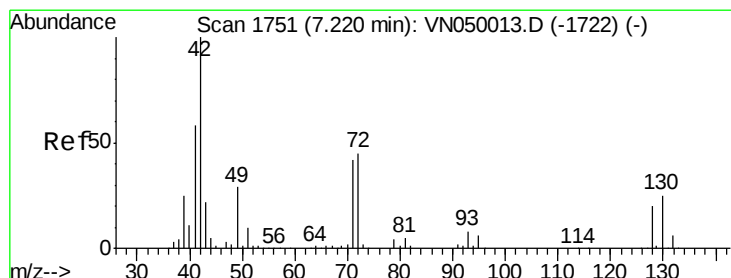
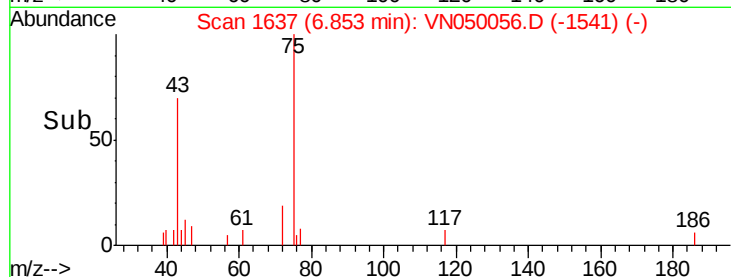
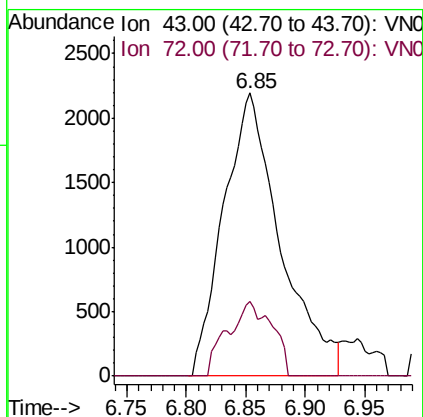
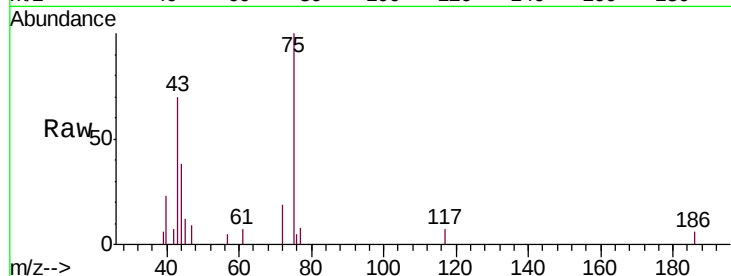
PB111424ZHE#03

Tot Ion: 43 Resp: 7261

Ion Ratio Lower Upper

43 100

72 26.6 21.5 32.3



#29

Tetrahydrofuran

Concen: 0.80 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VN050056.D

Acq: 25 Jul 2018 21:00

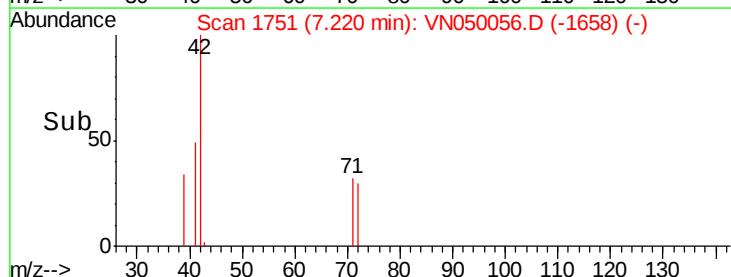
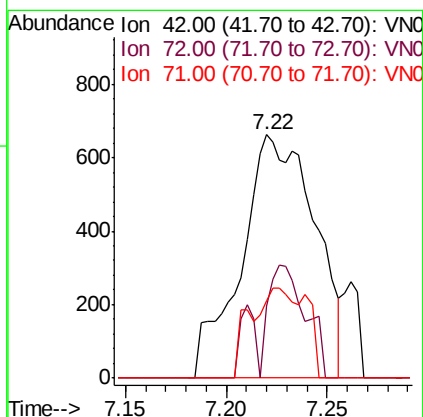
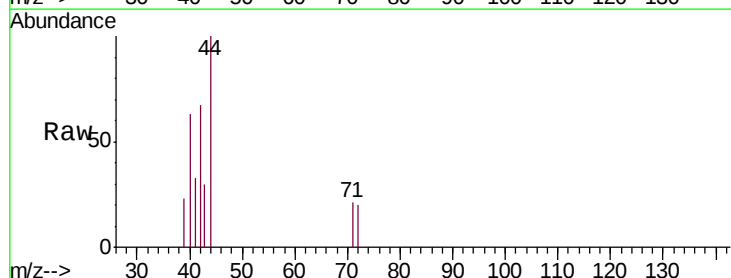
Tgt Ion: 42 Resp: 1685

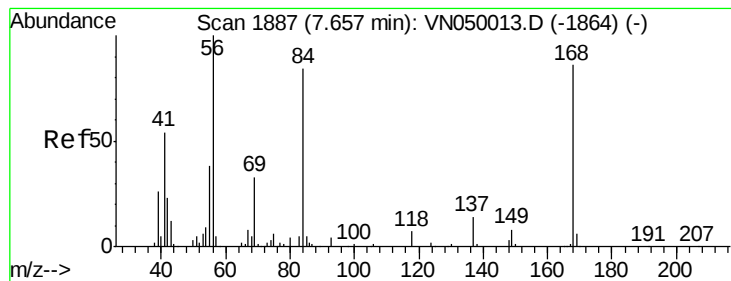
Ion Ratio Lower Upper

42 100

72 23.2 35.9 53.9#

71 22.1 33.7 50.5#





#31

Cyclohexane

Concen: 0.92 ug/l

RT: 7.67 min Scan# 1892

Delta R.T. 0.02 min

Lab File: VN050056.D

Acq: 25 Jul 2018 21:00

Instrument :

MSVOA_N

ClientSampleId :

PB111424ZHE#03

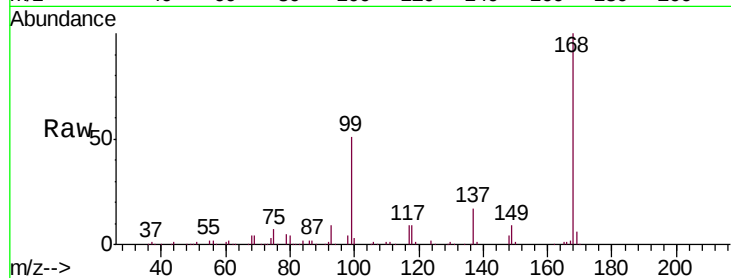
Tot Ion: 56 Resp: 11588

Ion Ratio Lower Upper

56 100

69 196.3 26.2 39.4#

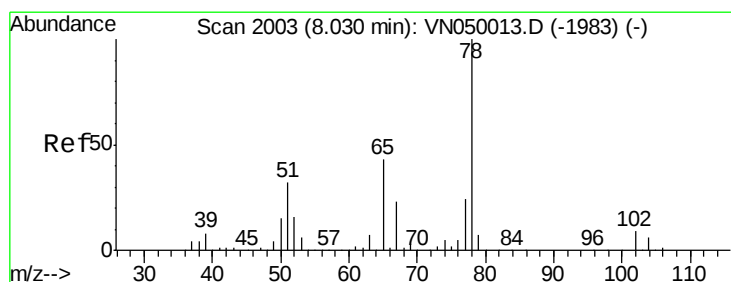
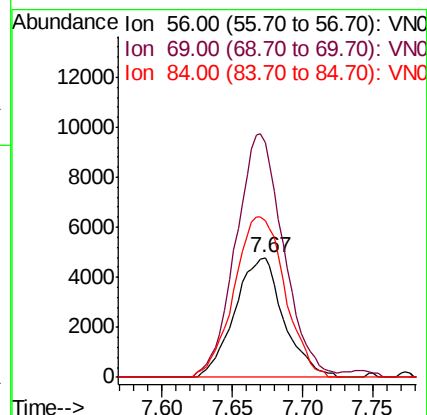
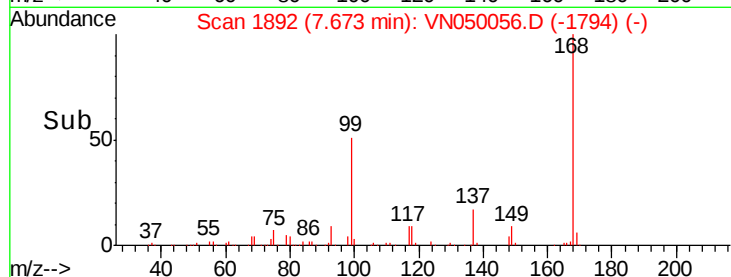
84 131.0 67.4 101.0#



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: 51.89 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050056.D

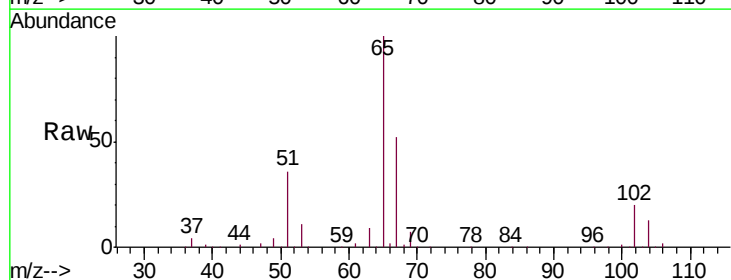
Acq: 25 Jul 2018 21:00

Tgt Ion: 65 Resp: 443143

Ion Ratio Lower Upper

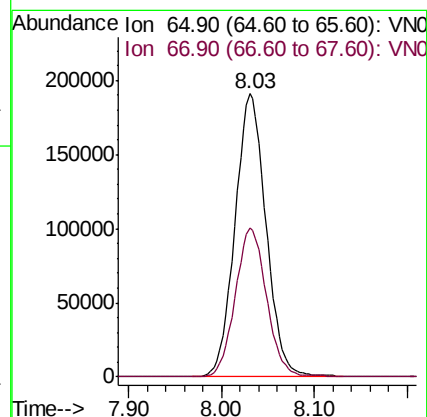
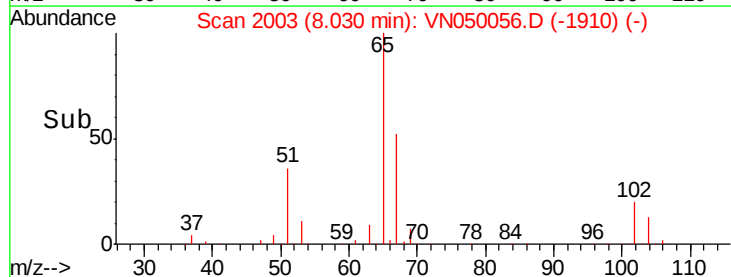
65 100

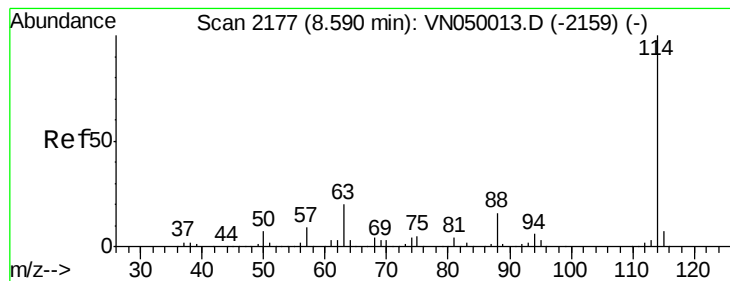
67 52.9 0.0 108.4



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: VN050056.D

Acq: 25 Jul 2018 21:00

Instrument :

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PB111424ZHE#03

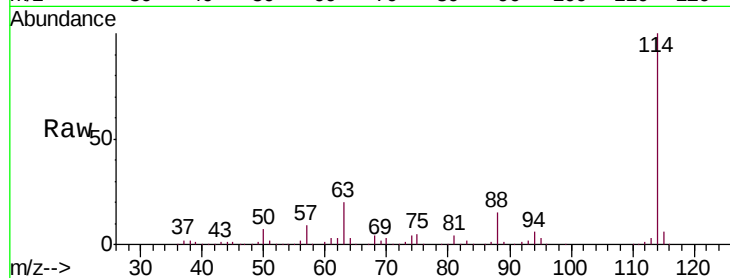
Tot Ion:114 Resp: 1025746

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

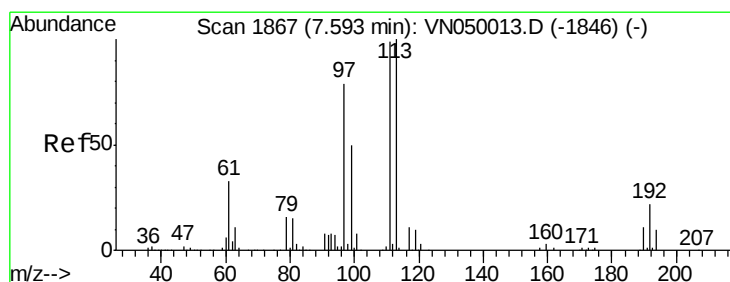
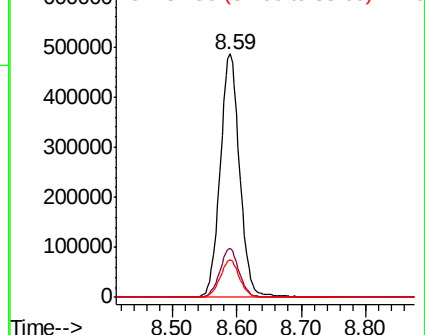
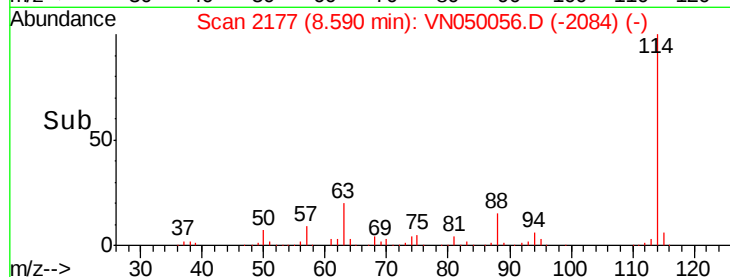
88 15.4 0.0 31.2



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: 46.88 ug/l

RT: 7.60 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VN050056.D

Acq: 25 Jul 2018 21:00

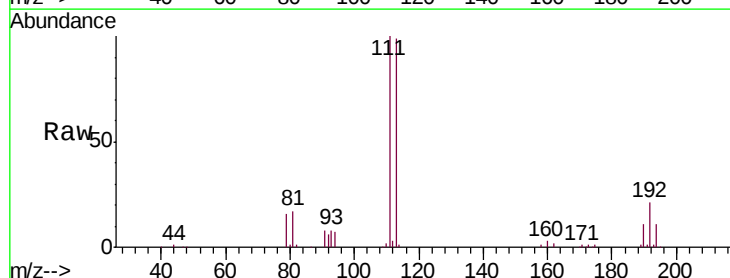
Tgt Ion:113 Resp: 392615

Ion Ratio Lower Upper

113 100

111 103.1 80.7 121.1

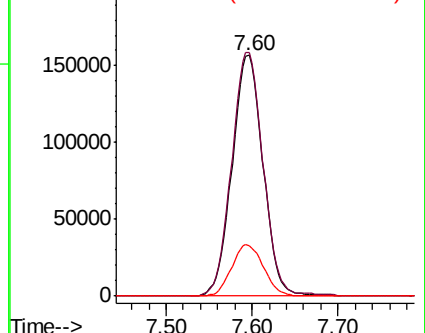
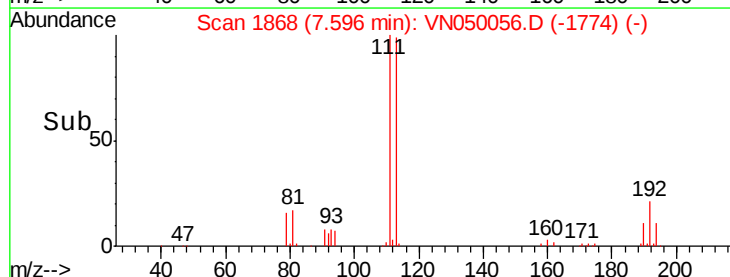
192 22.0 17.8 26.6

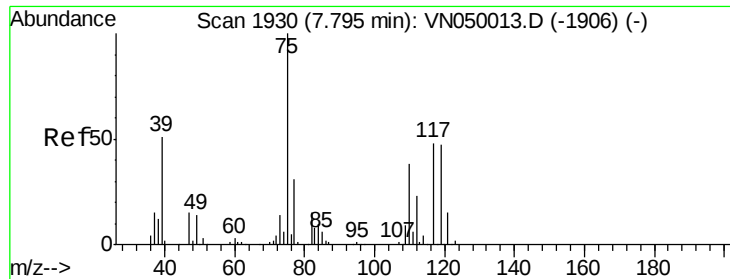


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.70 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.13 min

Lab File: VN050056.D

Acq: 25 Jul 2018 21:00

Instrument :

MSVOA_N

ClientSampleId :

PB111424ZHE#03

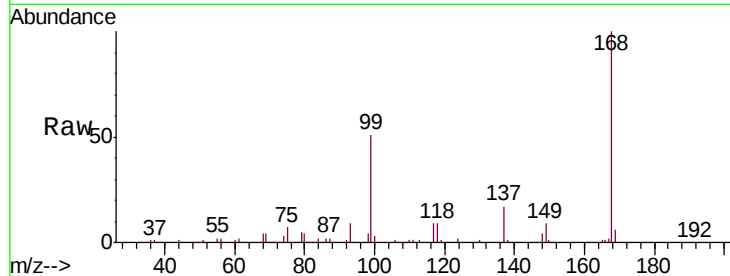
Tot Ion: 75 Resp: 42746

Ion Ratio Lower Upper

75 100

110 2.4 18.4 55.2#

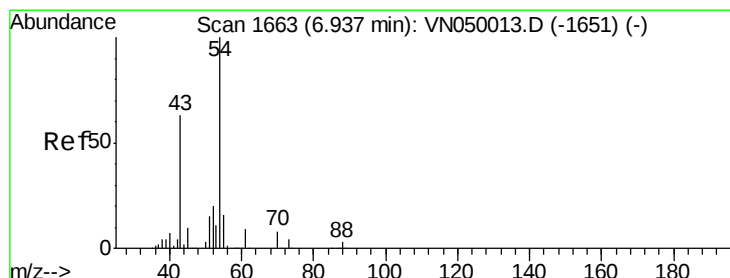
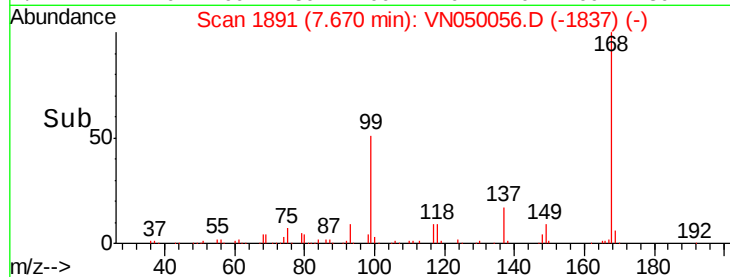
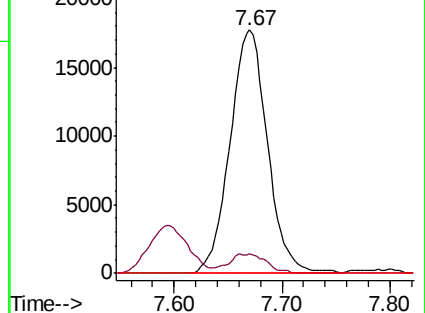
77 0.0 25.3 37.9#



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: 0.90 ug/l

RT: 6.85 min Scan# 1637

Delta R.T. -0.08 min

Lab File: VN050056.D

Acq: 25 Jul 2018 21:00

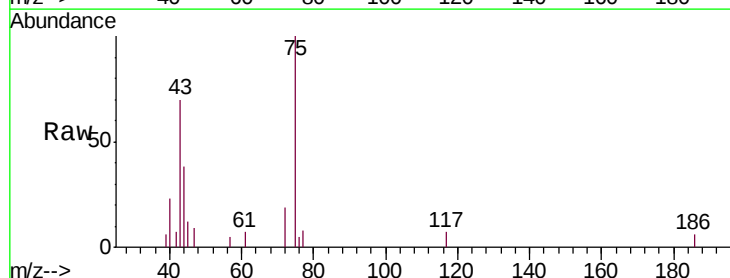
Tgt Ion: 43 Resp: 7261

Ion Ratio Lower Upper

43 100

61 3.8 11.8 17.8#

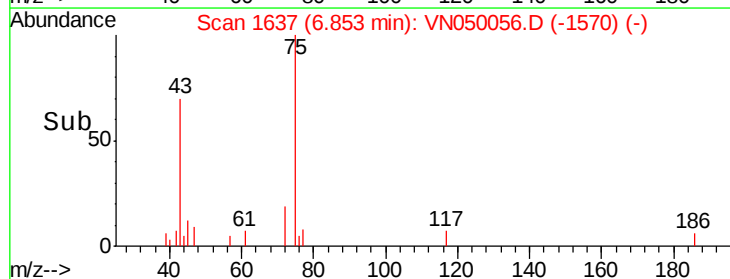
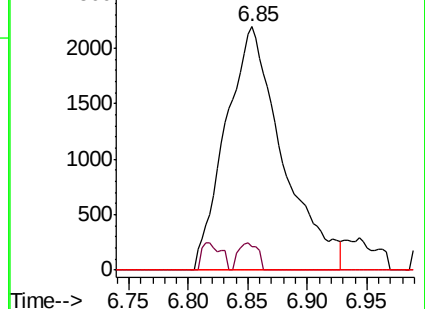
70 0.0 8.4 12.6#

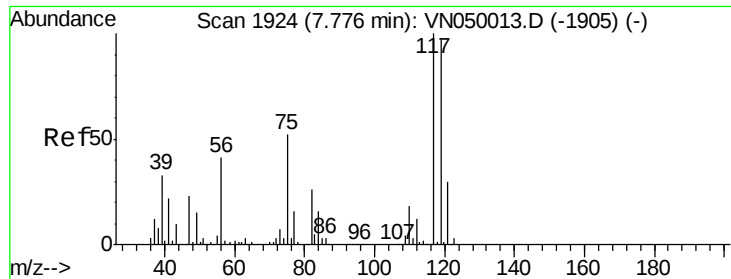


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0

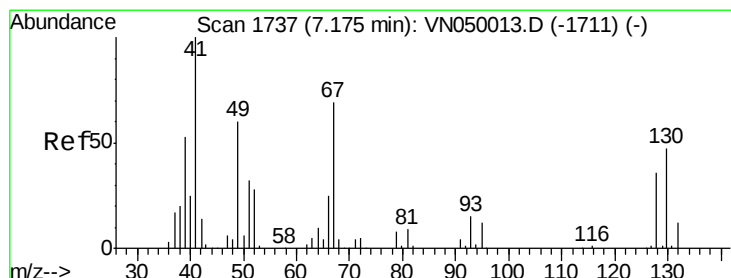
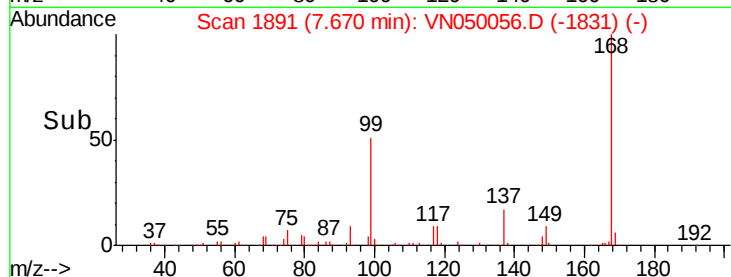
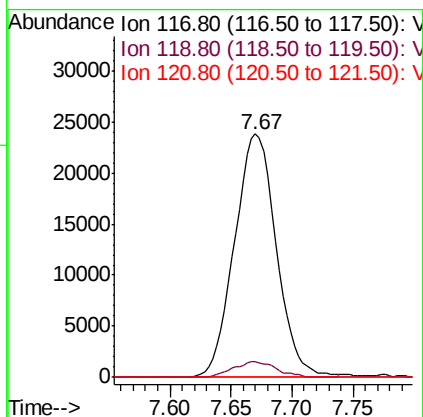
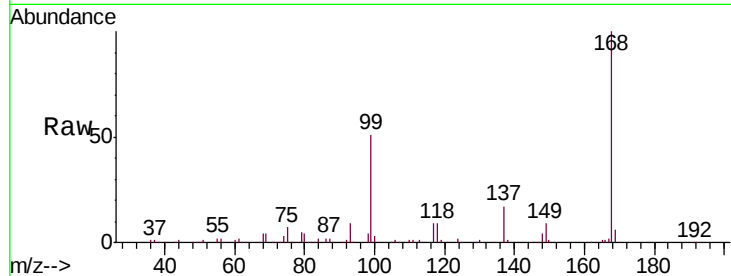




#38
Carbon Tetrachloride
Concen: 4.61 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN050056.D
Acq: 25 Jul 2018 21:00

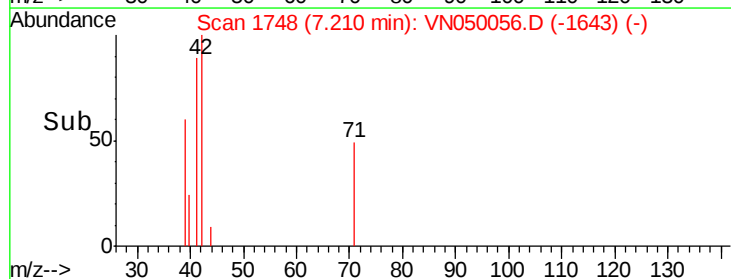
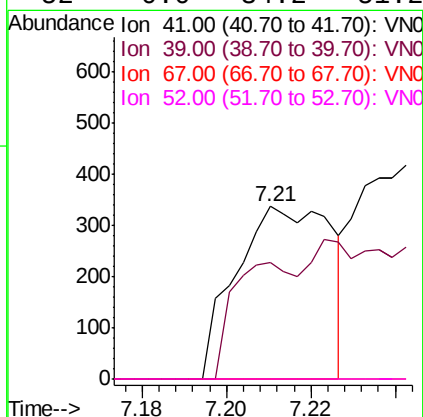
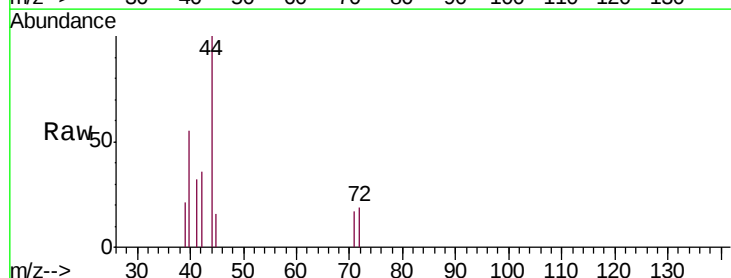
Instrument :
MSVOA_N
ClientSampleId :
PB111424ZHE#03

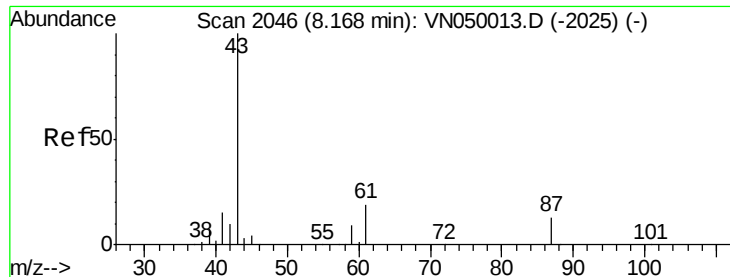
Tot Ion:117 Resp: 56528
Ion Ratio Lower Upper
117 100
119 6.3 77.4 116.0#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 2.87 ug/l
RT: 7.21 min Scan# 1748
Delta R.T. 0.04 min
Lab File: VN050056.D
Acq: 25 Jul 2018 21:00

Tgt Ion: 41 Resp: 528
Ion Ratio Lower Upper
41 100
39 44.9 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



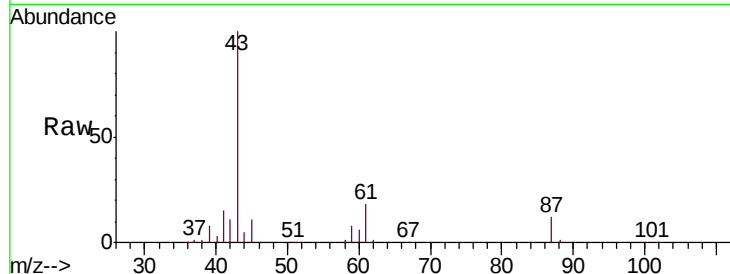


#43

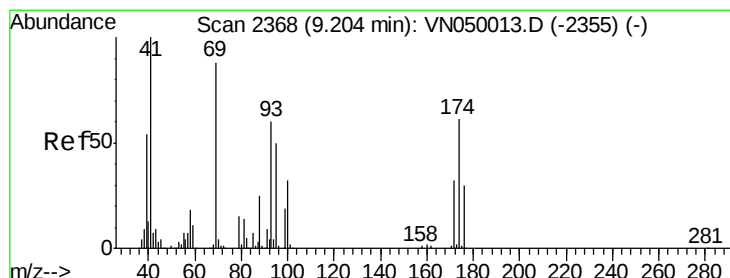
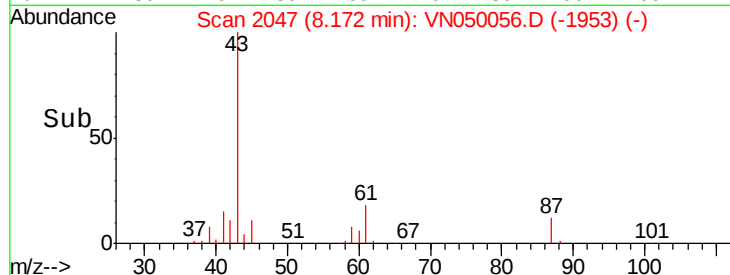
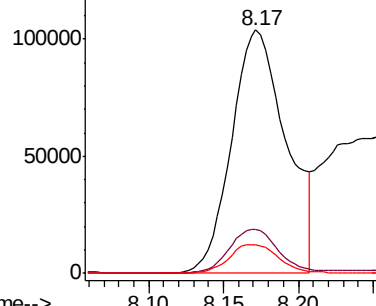
Isopropyl Acetate
 Concen: 16.67 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050056.D
 Acq: 25 Jul 2018 21:00

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424ZHE#03

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.6	15.8	23.6
87	10.7	10.3	15.5



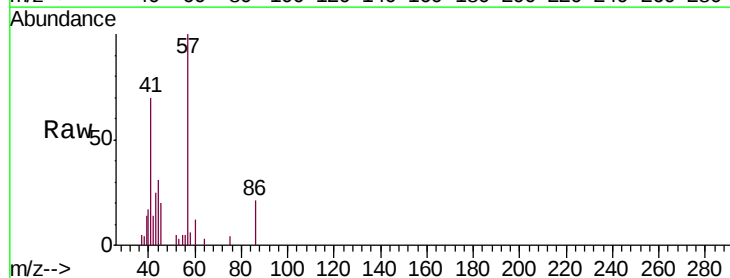
Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO



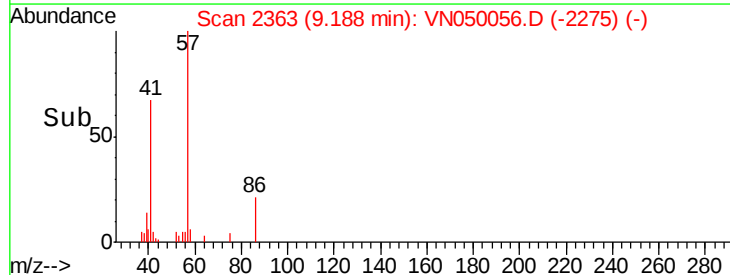
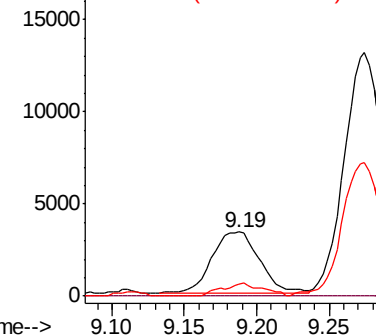
#48

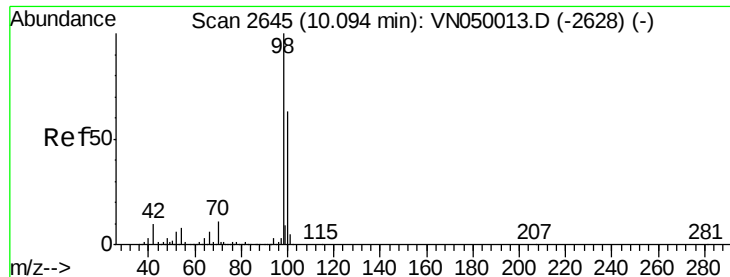
Methyl methacrylate
 Concen: 1.09 ug/l
 RT: 9.19 min Scan# 2363
 Delta R.T. -0.02 min
 Lab File: VN050056.D
 Acq: 25 Jul 2018 21:00

Tgt Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.6	105.8#
39	17.9	43.9	65.9#



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





#50

Toluene-d8

Concen: 44.99 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050056.D

Acq: 25 Jul 2018 21:00

Instrument :

MSVOA_N

ClientSampleId :

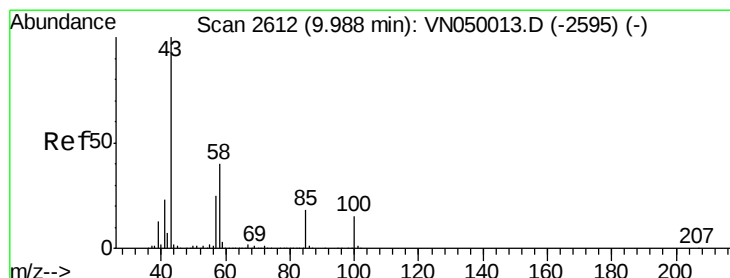
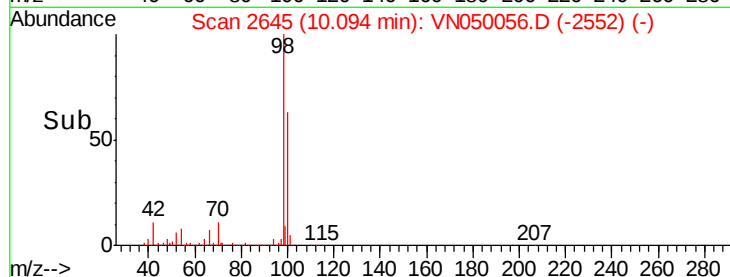
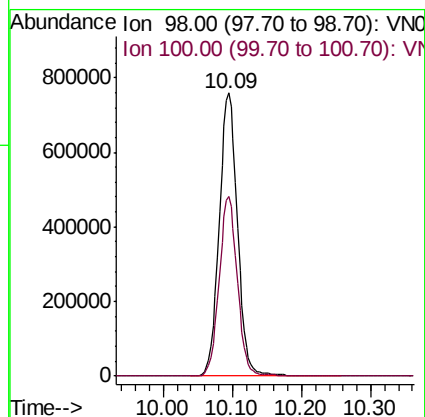
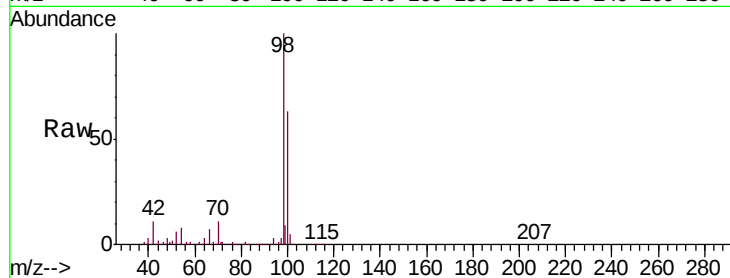
PB111424ZHE#03

Tot Ion: 98 Resp: 1385323

Ion Ratio Lower Upper

98 100

100 63.1 50.7 76.1



#51

4-Methyl-2-Pentanone

Concen: 0.22 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN050056.D

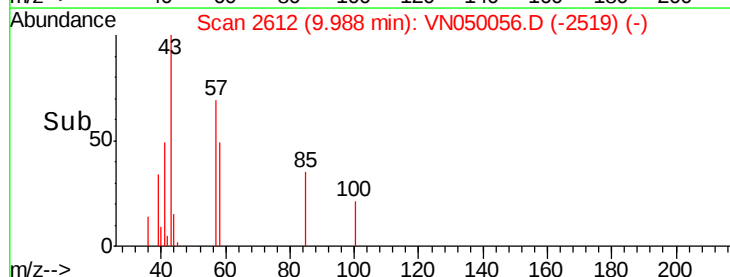
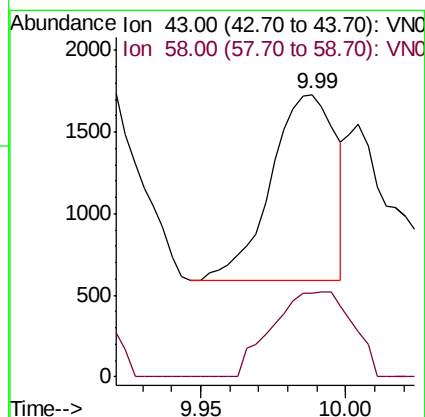
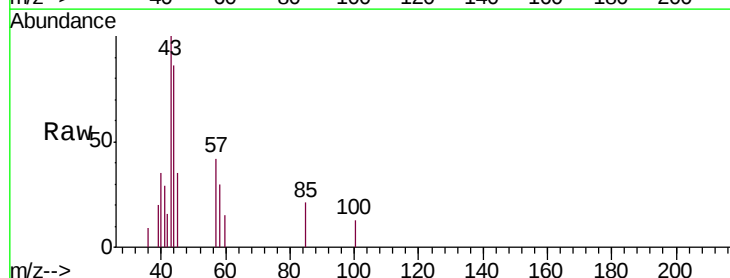
Acq: 25 Jul 2018 21:00

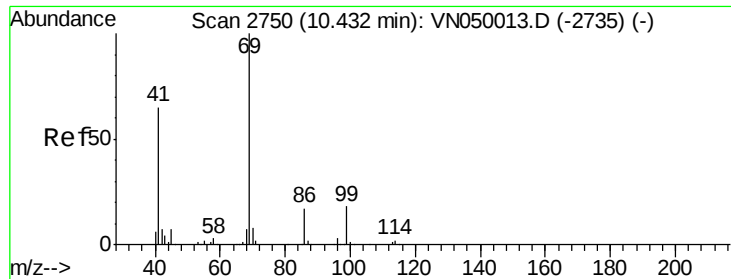
Tgt Ion: 43 Resp: 1779

Ion Ratio Lower Upper

43 100

58 55.8 31.9 47.9#





#56

Ethyl methacrylate

Concen: 2.23 ug/l

RT: 10.23 min Scan# 2686

Delta R.T. -0.21 min

Lab File: VN050056.D

Acq: 25 Jul 2018 21:00

Instrument :

MSVOA_N

ClientSampleId :

PB111424ZHE#03

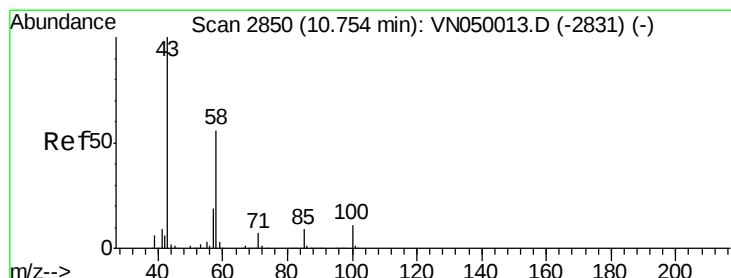
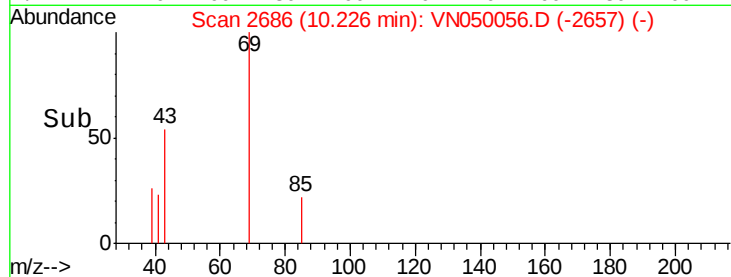
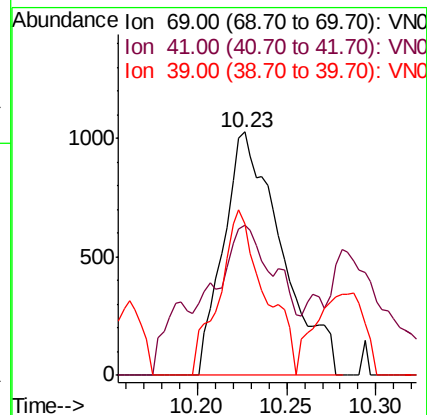
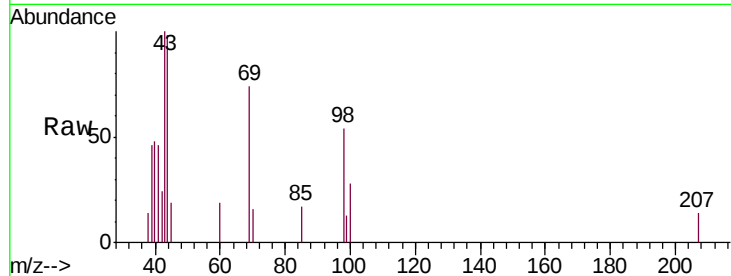
Tot Ion: 69 Resp: 2319

Ion Ratio Lower Upper

69 100

41 69.0 51.0 76.4

39 53.2 26.6 40.0#



#59

2-Hexanone

Concen: 8.00 ug/l

RT: 10.77 min Scan# 2855

Delta R.T. 0.02 min

Lab File: VN050056.D

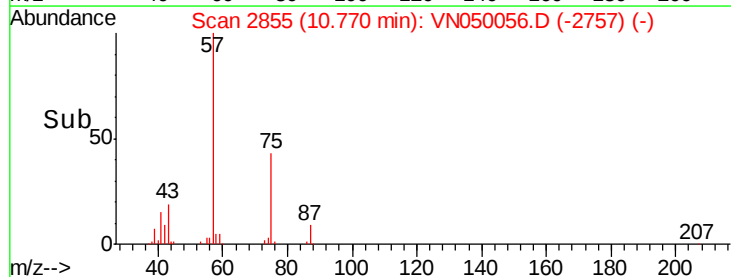
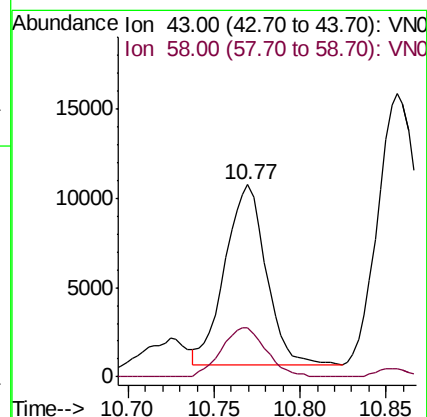
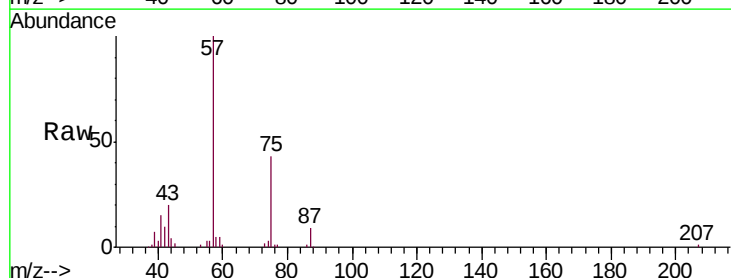
Acq: 25 Jul 2018 21:00

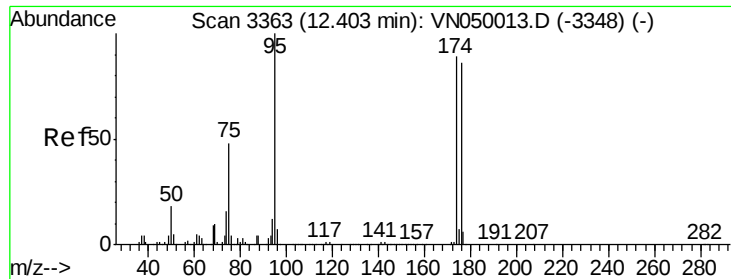
Tgt Ion: 43 Resp: 16795

Ion Ratio Lower Upper

43 100

58 29.8 27.6 82.7

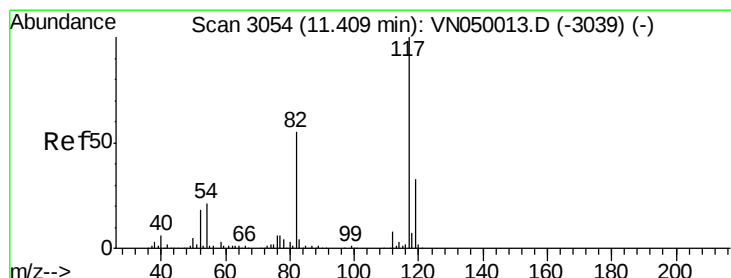
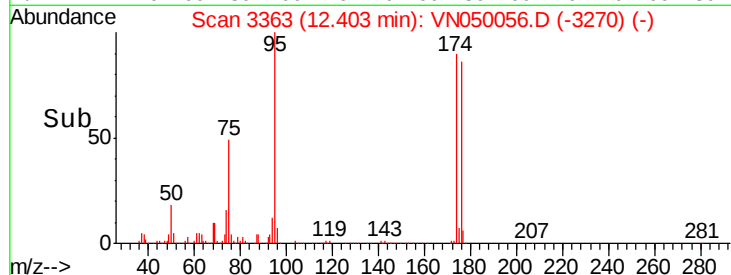
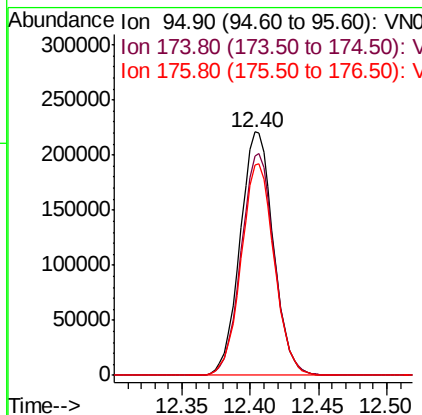
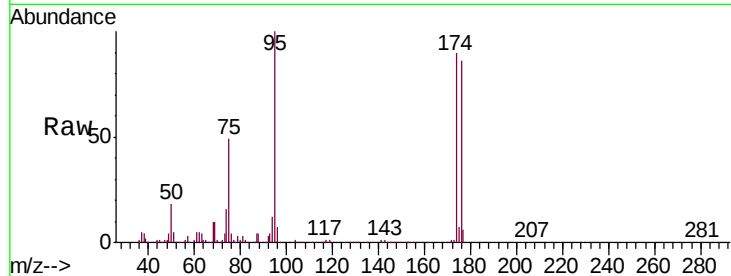




#62
4-Bromofluorobenzene
Concen: 36.93 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050056.D
Acq: 25 Jul 2018 21:00

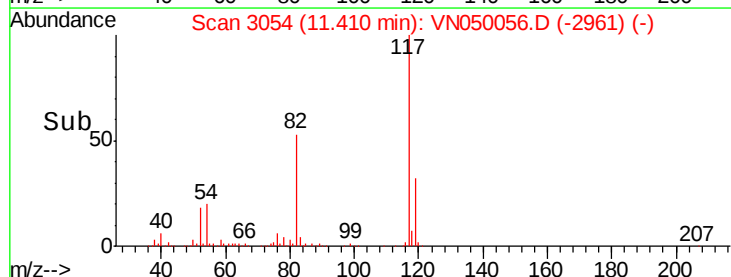
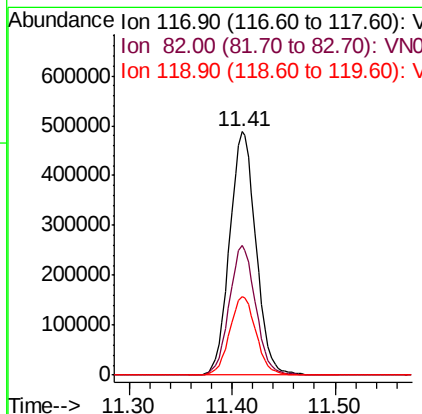
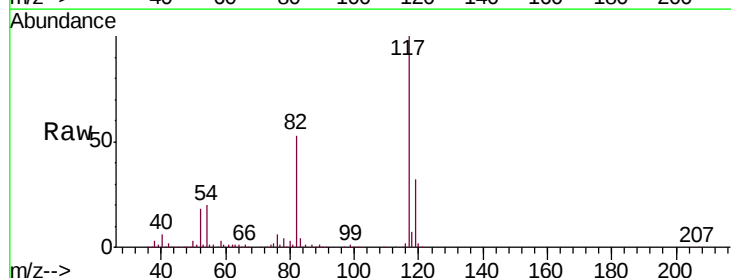
Instrument :
MSVOA_N
ClientSampleId :
PB111424ZHE#03

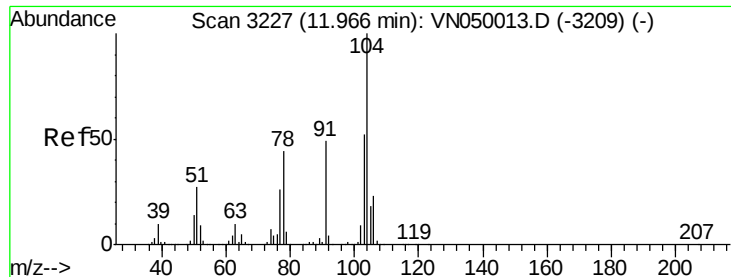
Tot Ion: 95 Resp: 374423
Ion Ratio Lower Upper
95 100
174 90.6 0.0 178.2
176 86.2 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050056.D
Acq: 25 Jul 2018 21:00

Tgt Ion: 117 Resp: 866525
Ion Ratio Lower Upper
117 100
82 53.2 43.7 65.5
119 32.4 26.1 39.1





#70

Stvrene

Concen: 0.94 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN050056.D

Acq: 25 Jul 2018 21:00

Instrument :

MSVOA_N

ClientSampleId :

PB111424ZHE#03

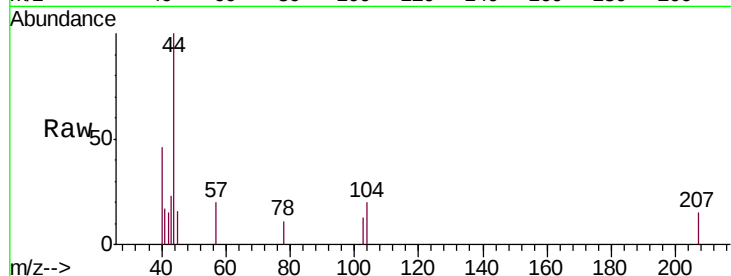
Tot Ion:104 Resp: 344

Ion Ratio Lower Upper

104 100

78 46.8 39.3 58.9

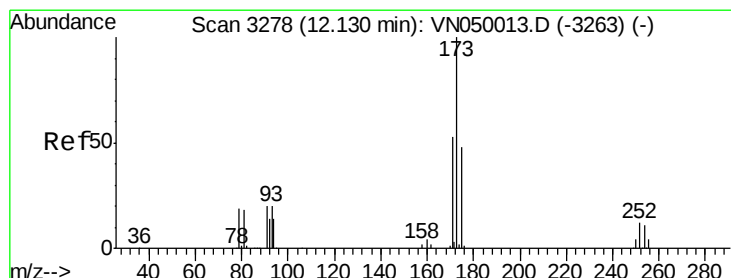
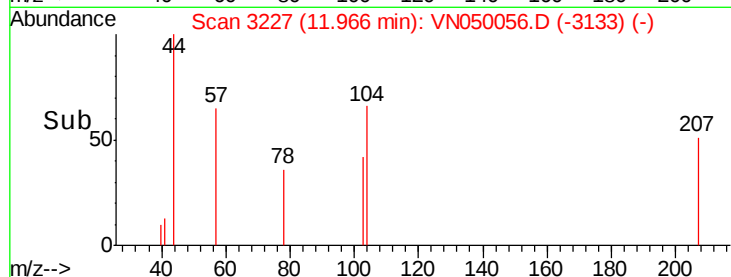
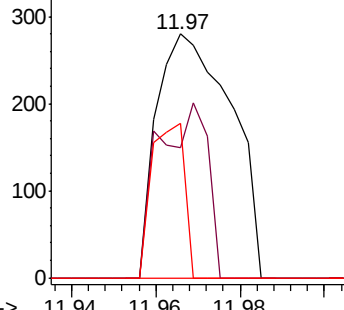
103 28.2 45.0 67.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.61 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.28 min

Lab File: VN050056.D

Acq: 25 Jul 2018 21:00

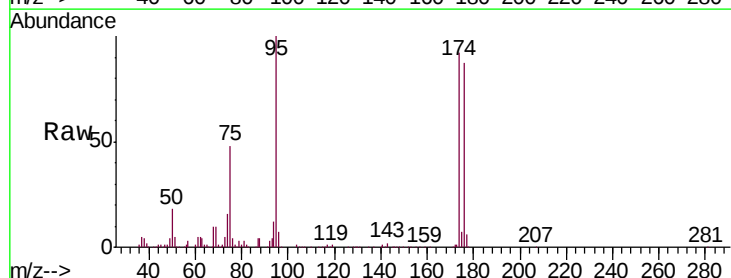
Tgt Ion:173 Resp: 3759

Ion Ratio Lower Upper

173 100

175 573.2 24.1 72.2#

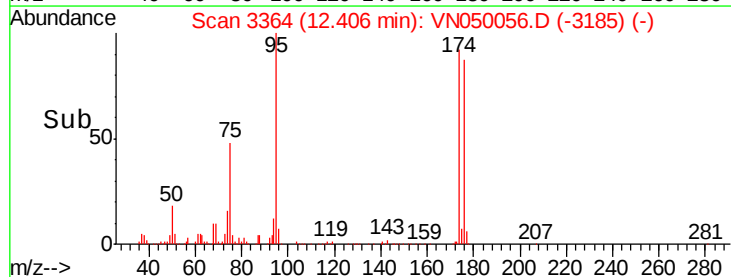
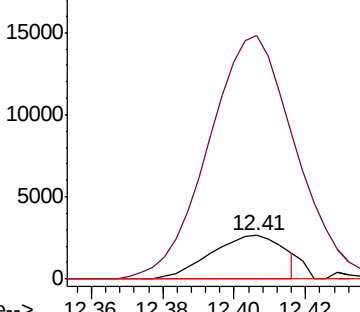
254 0.0 0.2 0.2#

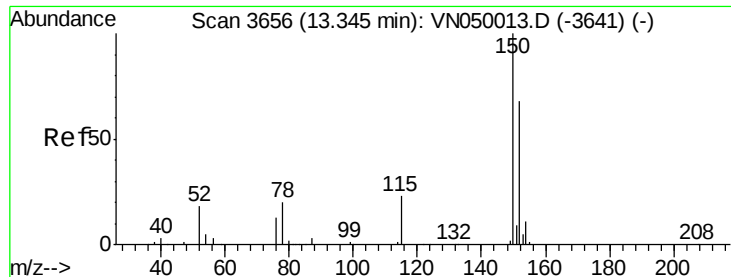


Abundance Ion 172.70 (172.40 to 173.40): V

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# 3657

Delta R.T. 0.00 min

Lab File: VN050056.D

Acq: 25 Jul 2018 21:00

Instrument :

MSVOA_N

ClientSampleId :

PB111424ZHE#03

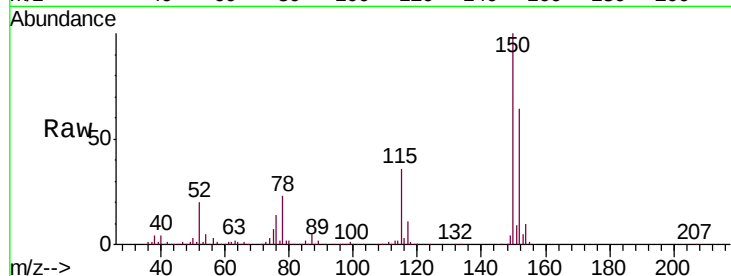
Tot Ion:152 Resp: 293873

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.3

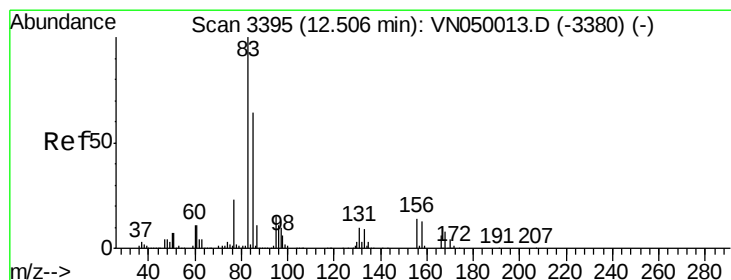
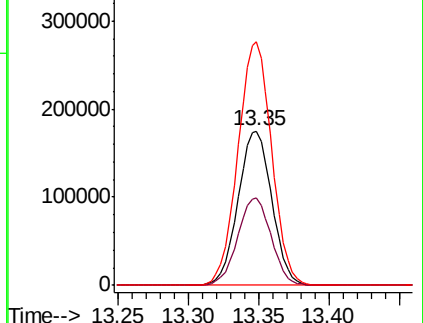
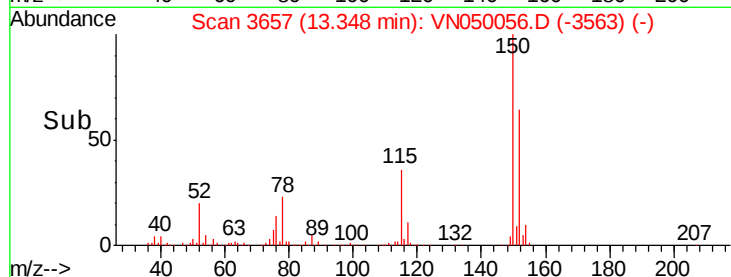
150 157.4 0.0 348.6



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: 12.41 min Scan# 3364

Delta R.T. -0.10 min

Lab File: VN050056.D

Acq: 25 Jul 2018 21:00

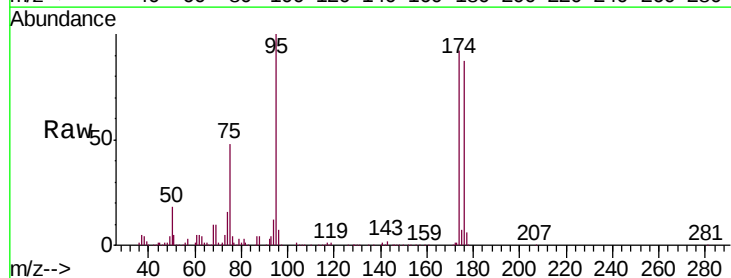
Tgt Ion: 83 Resp: 207

Ion Ratio Lower Upper

83 100

131 231.4 5.1 15.3#

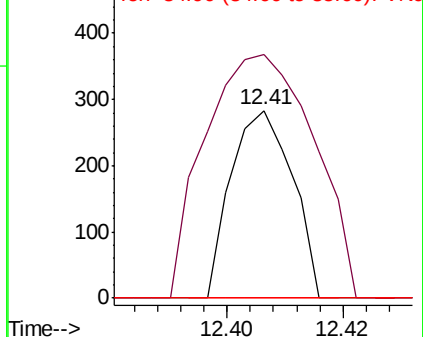
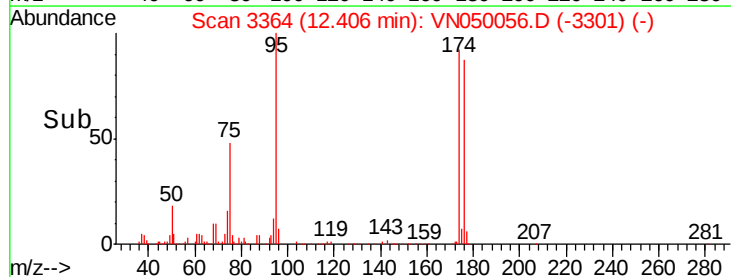
85 0.0 32.3 96.8#

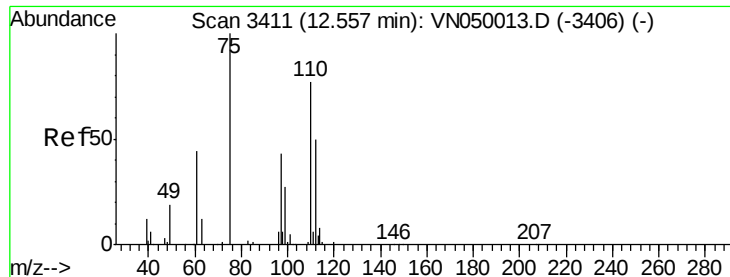


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 33.32 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050056.D

Acq: 25 Jul 2018 21:00

Instrument :

MSVOA_N

ClientSampleId :

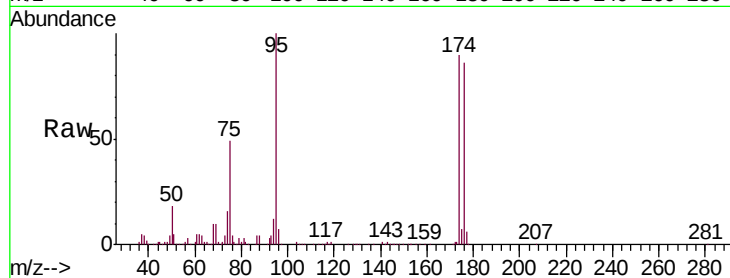
PB111424ZHE#03

Tot Ion: 75 Resp: 181974

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

120000

100000

80000

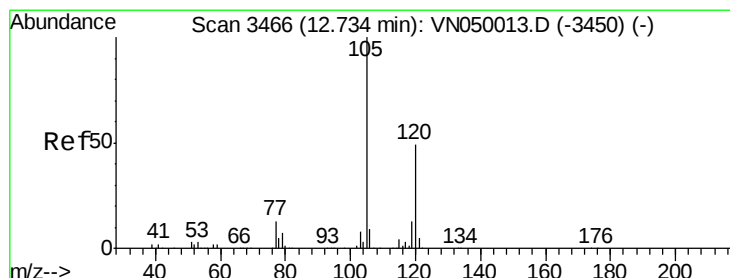
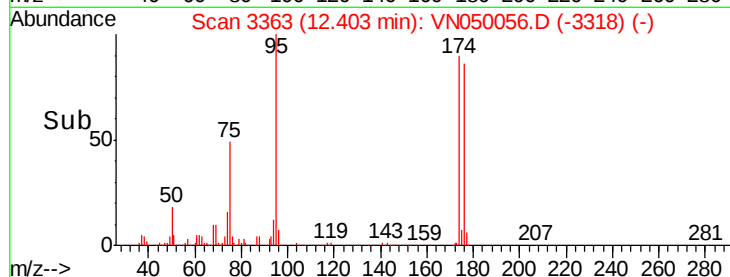
60000

40000

20000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.22 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN050056.D

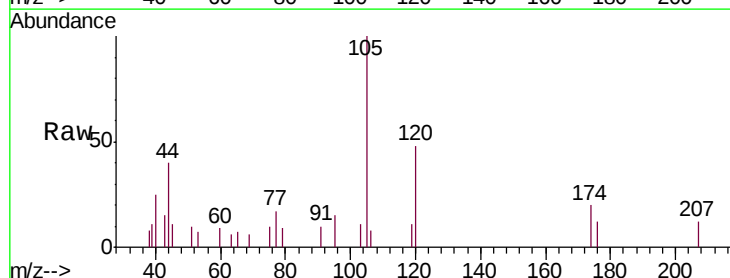
Acq: 25 Jul 2018 21:00

Tgt Ion:105 Resp: 3920

Ion Ratio Lower Upper

105 100

120 50.8 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

3000

2500

2000

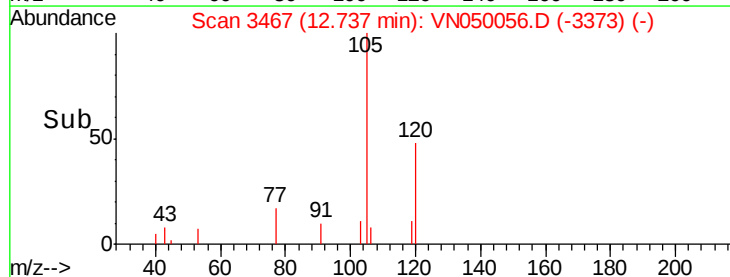
1500

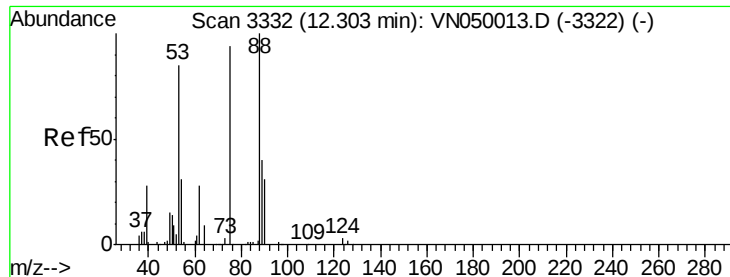
1000

500

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 105.69 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050056.D

Acq: 25 Jul 2018 21:00

Instrument :

MSVOA_N

ClientSampleId :

PB111424ZHE#03

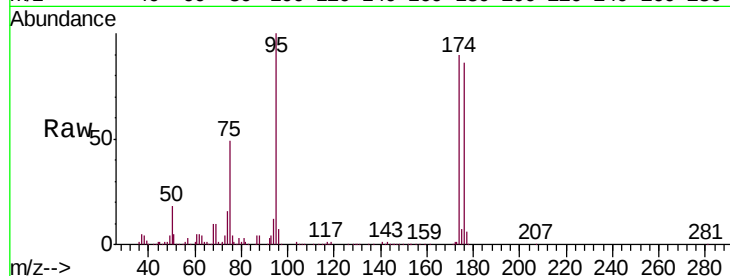
Tot Ion: 75 Resp: 181974

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

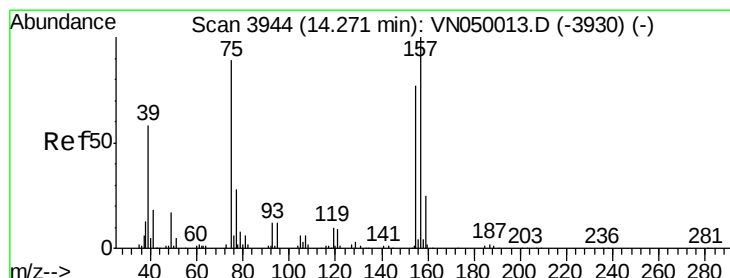
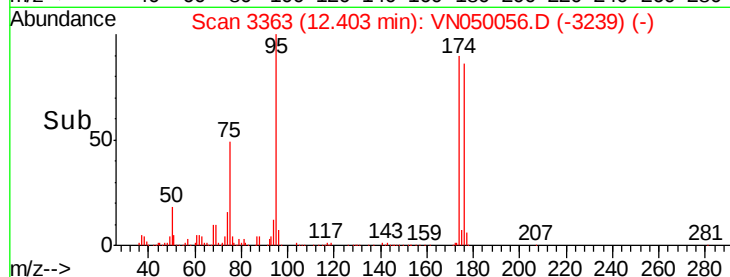
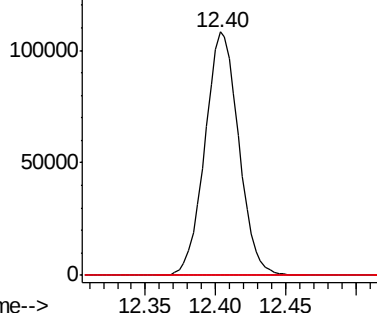
89 0.0 36.0 54.0#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.52 min Scan# 4022

Delta R.T. 0.25 min

Lab File: VN050056.D

Acq: 25 Jul 2018 21:00

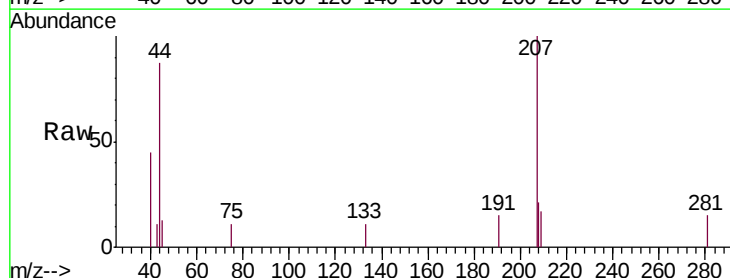
Tgt Ion: 75 Resp: 63

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

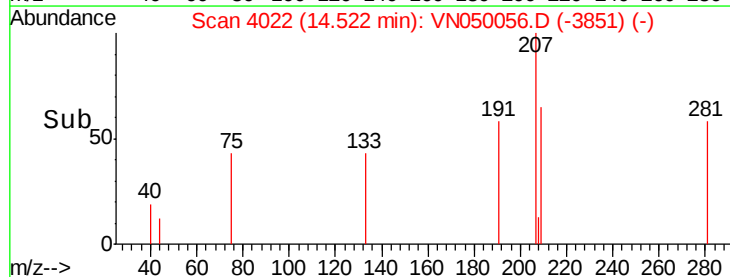
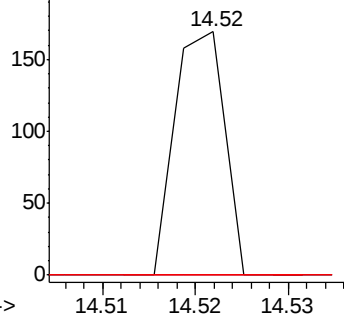
157 0.0 57.2 171.6#

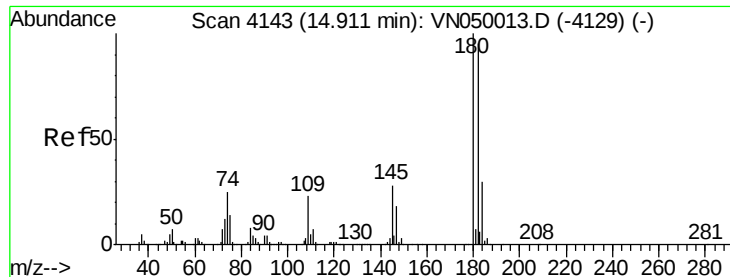


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

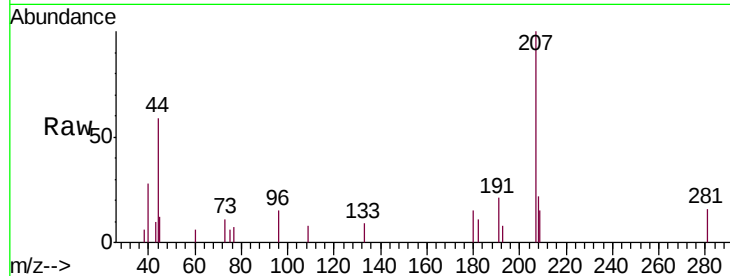




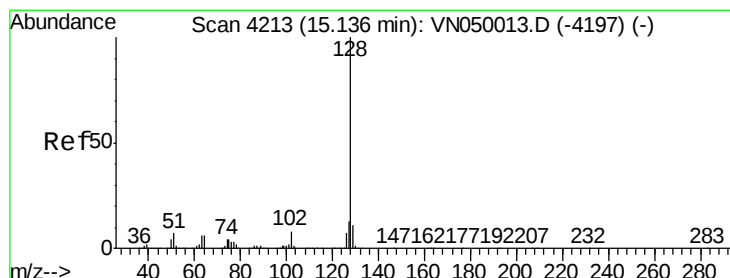
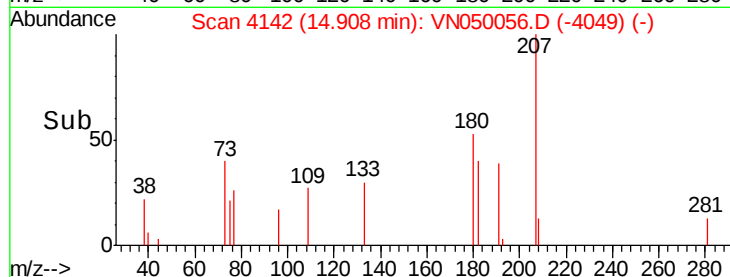
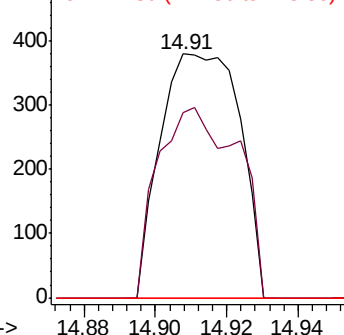
#93
 1,2,4-Trichlorobenzene
 Concen: 3.18 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.00 min
 Lab File: VN050056.D
 Acq: 25 Jul 2018 21:00

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424ZHE#03

Tot Ion:180 Resp: 585
 Ion Ratio Lower Upper
 180 100
 182 78.8 46.7 140.1
 145 0.0 13.8 41.4#

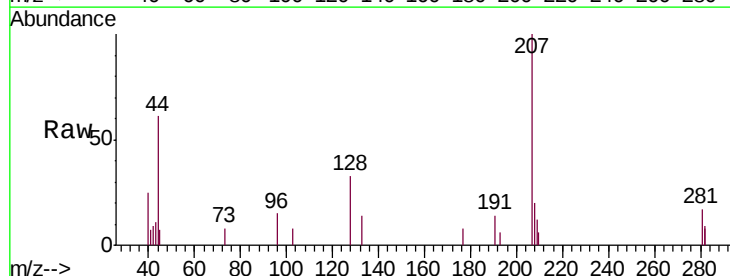


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

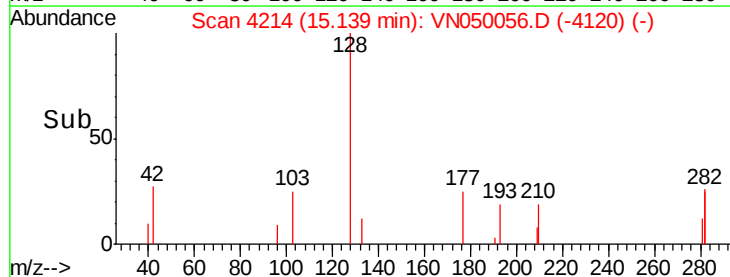
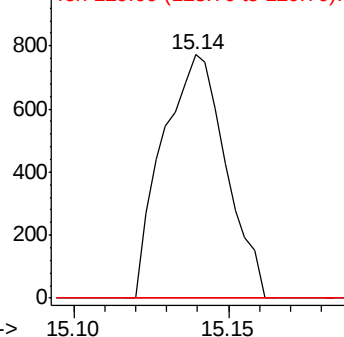


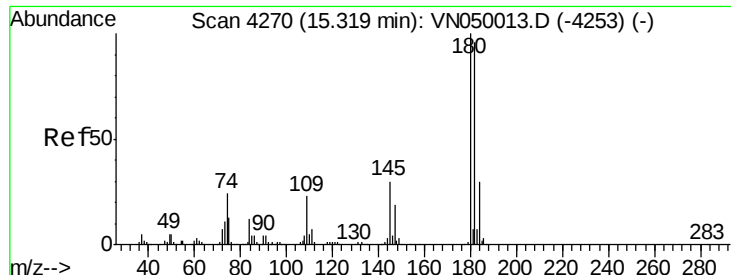
#95
 Naphthalene
 Concen: 4.49 ug/l
 RT: 15.14 min Scan# 4214
 Delta R.T. 0.00 min
 Lab File: VN050056.D
 Acq: 25 Jul 2018 21:00

Tgt Ion:128 Resp: 1100
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.4 15.6#
 129 0.0 8.8 13.2#



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

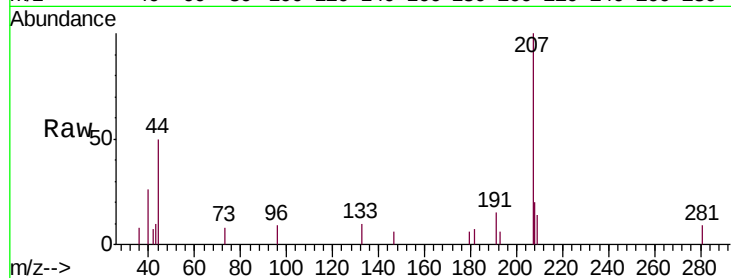




#96
 1,2,3-Trichlorobenzene
 Concen: 2.22 ug/l
 RT: 15.33 min Scan# 4273
 Delta R.T. 0.01 min
 Lab File: VN050056.D
 Acq: 25 Jul 2018 21:00

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424ZHE#03

Tot Ion	Ratio	Lower	Upper
180	100		
182	172.2	48.1	144.4#
145	0.0	15.3	45.9#



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

