

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050054.D
 Acq On : 25 Jul 2018 20:10
 Operator : MD\SY
 Sample : PB111424ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424ZHE#01

Quant Time: Jul 26 06:56:28 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	627161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1019084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	883164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	315423	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	448409	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	
35) Dibromofluoromethane	7.60	113	400431	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
50) Toluene-d8	10.09	98	1400308	45.78	ug/l	0.00
Spiked Amount			Recovery	=	91.56%	
62) 4-Bromofluorobenzene	12.41	95	389006	38.62	ug/l	0.00
Spiked Amount			Recovery	=	77.24%	

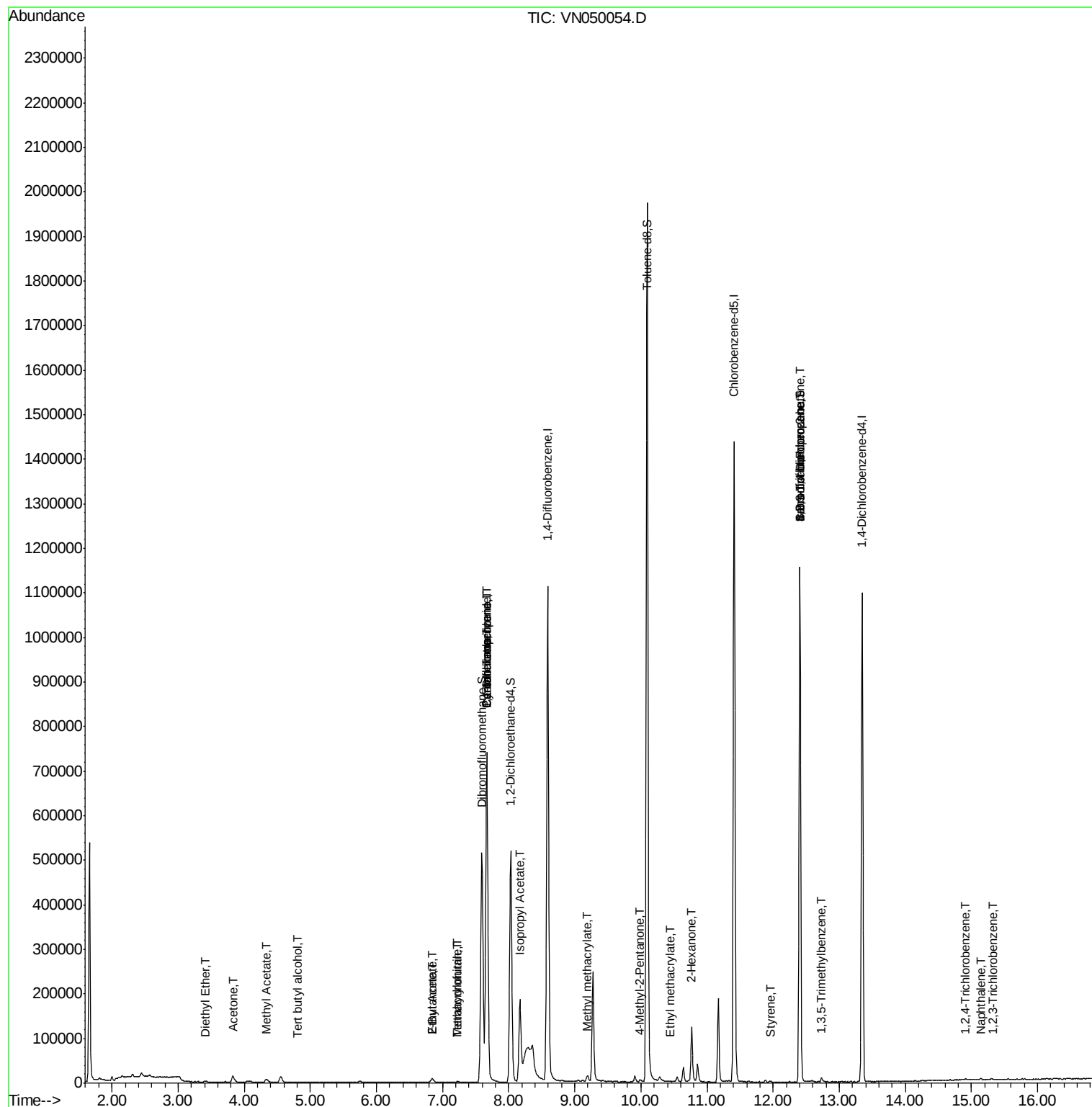
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	1625	Below Cal		81
8) Diethyl Ether	3.42	74	915	0.21 ug/l		92
11) Tert butyl alcohol	4.81	59	145	0.23 ug/l #		72
16) Acetone	3.83	43	24491	7.67 ug/l		98
18) Methyl Acetate	4.33	43	15802	0.35 ug/l		92
25) 2-Butanone	6.85	43	6919	2.07 ug/l #		84
29) Tetrahydrofuran	7.23	42	1510	0.70 ug/l #		73
31) Cyclohexane	7.66	56	11890	0.92 ug/l #		1
36) 1,1-Dichloropropene	7.67	75	43252	3.77 ug/l #		49
37) Ethyl Acetate	6.85	43	6919	0.86 ug/l #		73
38) Carbon Tetrachloride	7.67	117	56850	4.67 ug/l #		16
41) Methacrylonitrile	7.22	41	1112	3.00 ug/l #		24
43) Isopropyl Acetate	8.17	43	225913	14.16 ug/l		100
48) Methyl methacrylate	9.18	41	7900	1.15 ug/l #		20
51) 4-Methyl-2-Pentanone	9.99	43	3276	0.42 ug/l		89
56) Ethyl methacrylate	10.44	69	124	2.04 ug/l #		1
59) 2-Hexanone	10.77	43	18235	8.26 ug/l		63
70) Styrene	11.97	104	795	0.96 ug/l #		58
71) Bromoform	12.41	173	2598	0.42 ug/l #		1
75) 1,1,2,2-Tetrachloroethane	12.40	83	346	Below Cal #		1
76) 1,2,3-Trichloropropane	12.40	75	190225	32.45 ug/l #		100
80) 1,3,5-Trimethylbenzene	12.74	105	3877	0.20 ug/l		88
81) trans-1,4-Dichloro-2-buten	12.40	75	190225	102.93 ug/l #		13
92) 1,2-Dibromo-3-Chloropropan	14.26	75	238	Below Cal #		1
93) 1,2,4-Trichlorobenzene	14.91	180	984	3.24 ug/l		94
95) Naphthalene	15.14	128	2960	4.60 ug/l #		81
96) 1,2,3-Trichlorobenzene	15.32	180	950	2.36 ug/l #		73

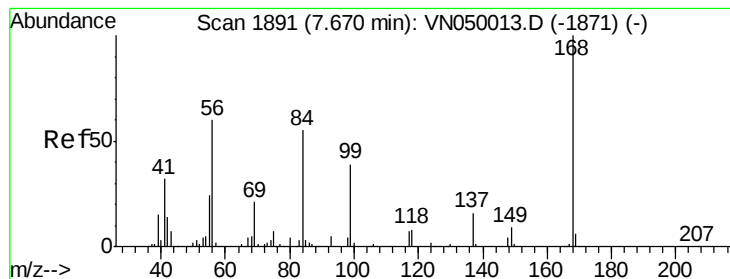
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 24 06:27:04 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.00 min

Lab File: VN050054.D

Acq: 25 Jul 2018 20:10

Instrument :

MSVOA_N

ClientSampleId :

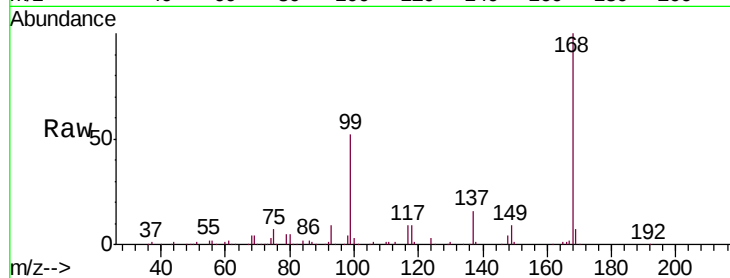
PB111424ZHE#01

Tot Ion:168 Resp: 627161

Ion Ratio Lower Upper

168 100

99 51.9 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

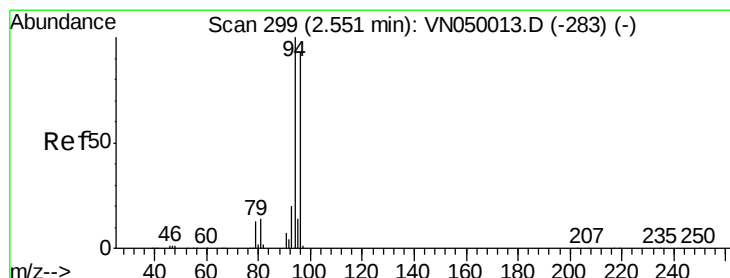
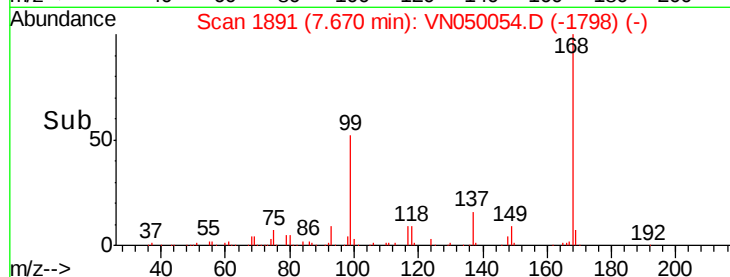
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: VN050054.D

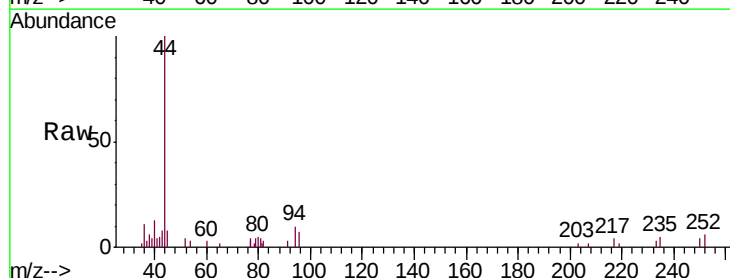
Acq: 25 Jul 2018 20:10

Tgt Ion: 94 Resp: 1625

Ion Ratio Lower Upper

94 100

96 75.3 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

800

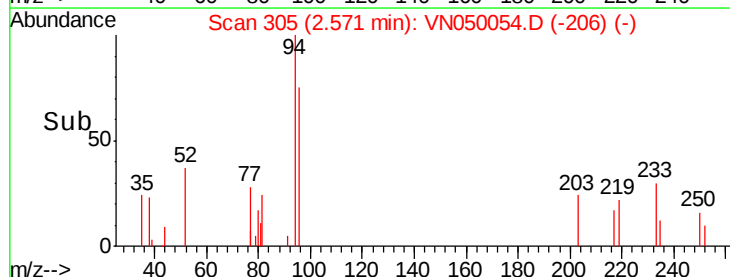
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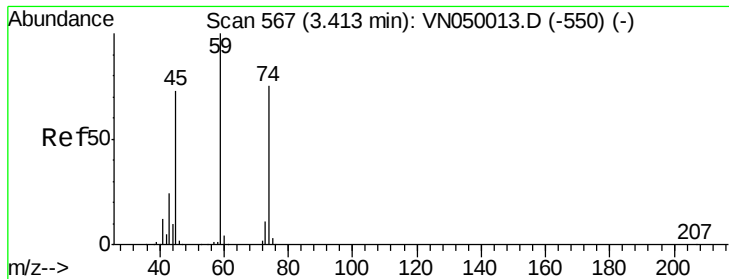
400

200

0

Time-->





#8

Diethyl Ether

Concen: 0.21 ug/l

RT: 3.42 min Scan# 569

Delta R.T. 0.01 min

Lab File: VN050054.D

Acq: 25 Jul 2018 20:10

Instrument :

MSVOA_N

ClientSampleId :

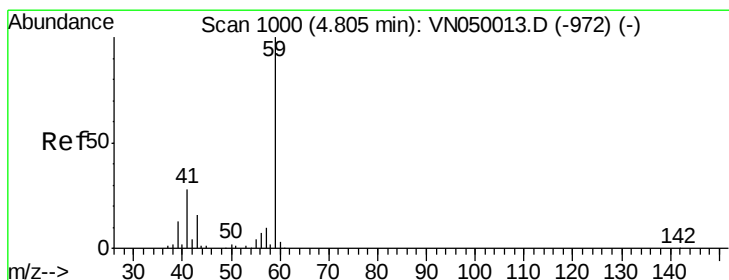
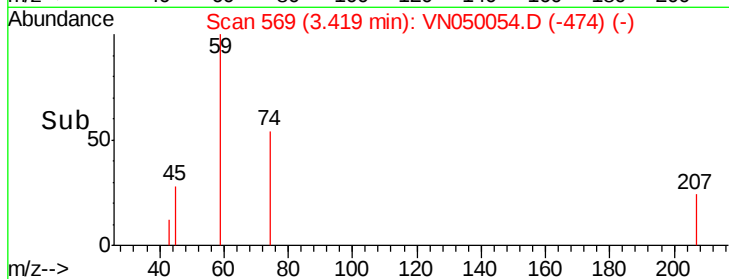
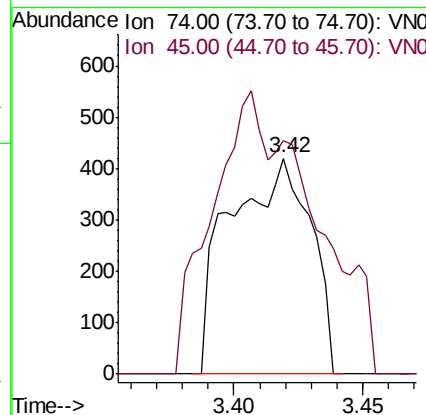
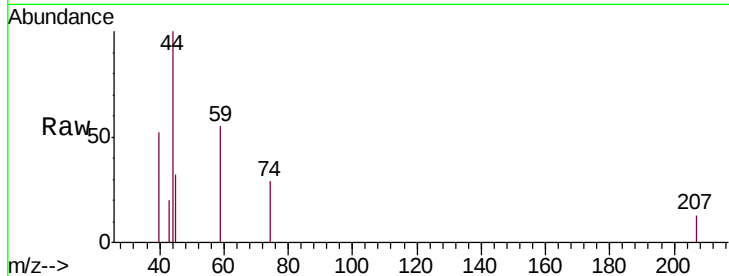
PB111424ZHE#01

Tot Ion: 74 Resp: 915

Ion Ratio Lower Upper

74 100

45 87.1 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: VN050054.D

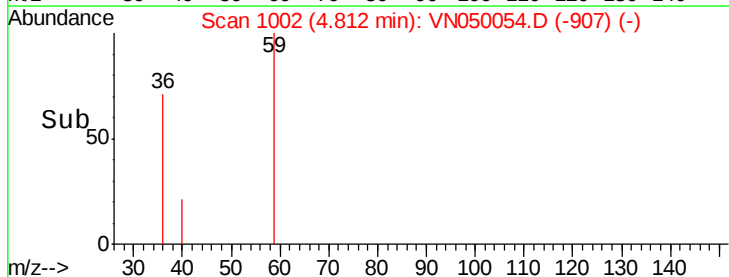
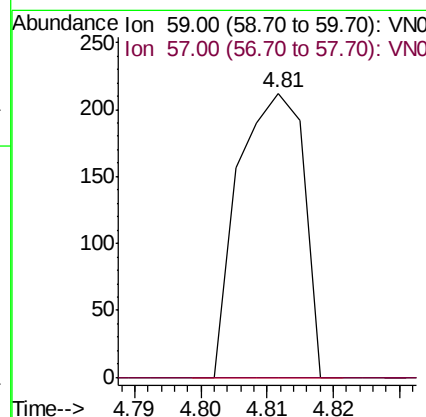
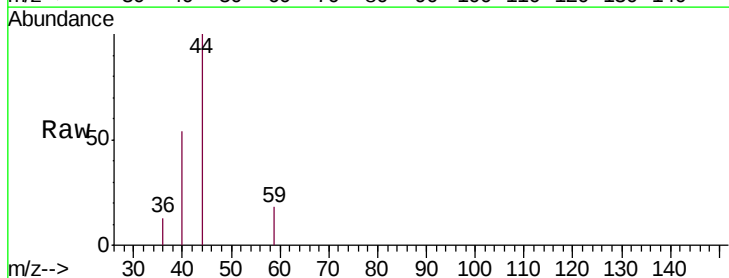
Acq: 25 Jul 2018 20:10

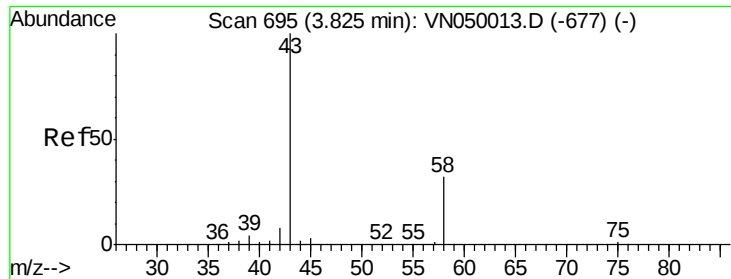
Tgt Ion: 59 Resp: 145

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#16

Acetone

Concen: 7.67 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050054.D

Acq: 25 Jul 2018 20:10

Instrument :

MSVOA_N

ClientSampleId :

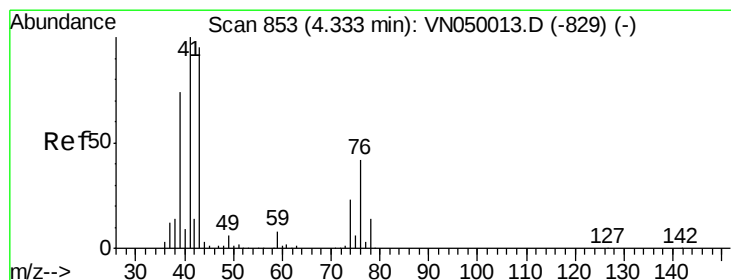
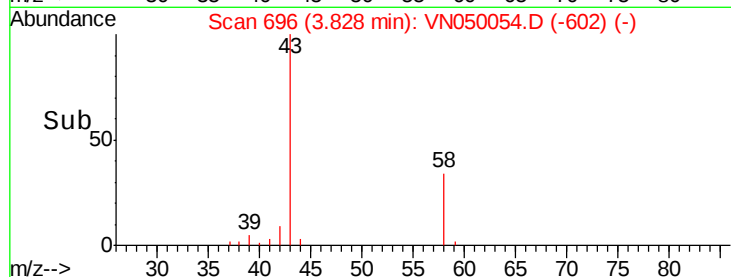
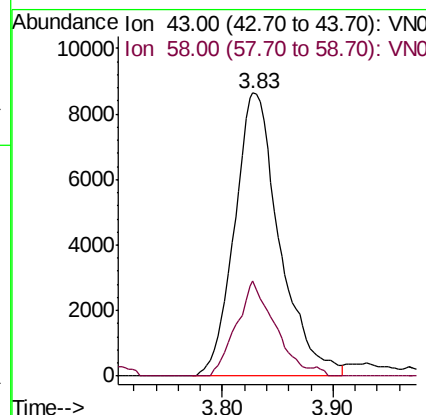
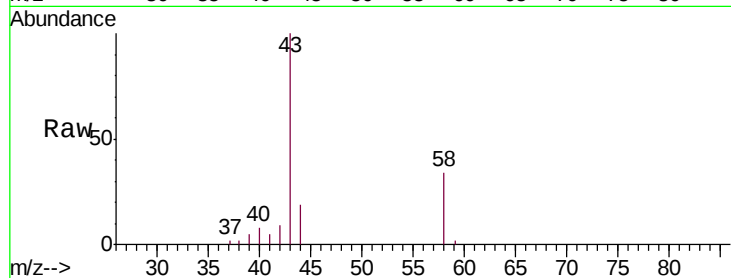
PB111424ZHE#01

Tot Ion: 43 Resp: 24491

Ion Ratio Lower Upper

43 100

58 33.5 25.8 38.8



#18

Methyl Acetate

Concen: 0.35 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN050054.D

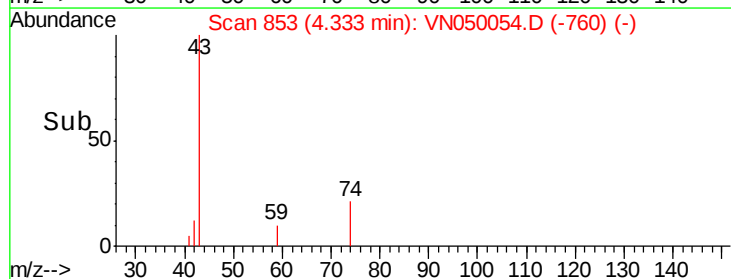
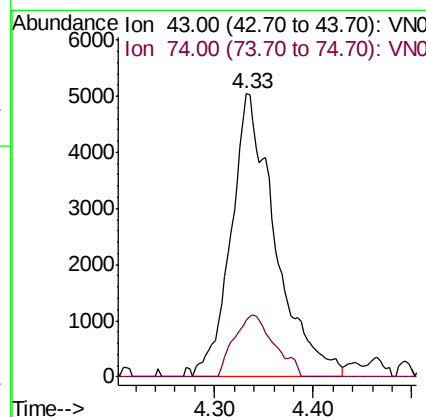
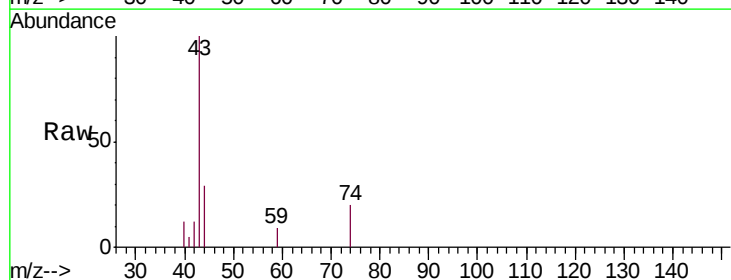
Acq: 25 Jul 2018 20:10

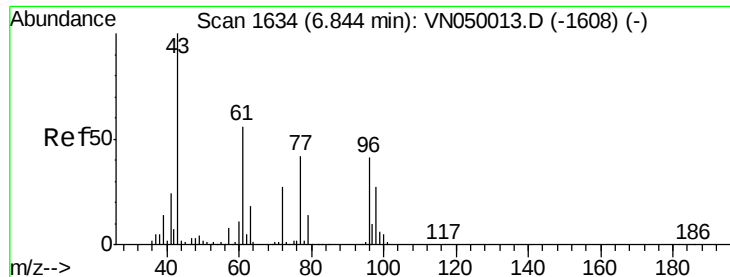
Tgt Ion: 43 Resp: 15802

Ion Ratio Lower Upper

43 100

74 19.8 19.2 28.8

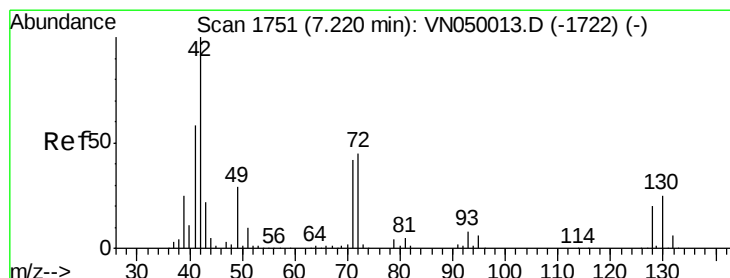
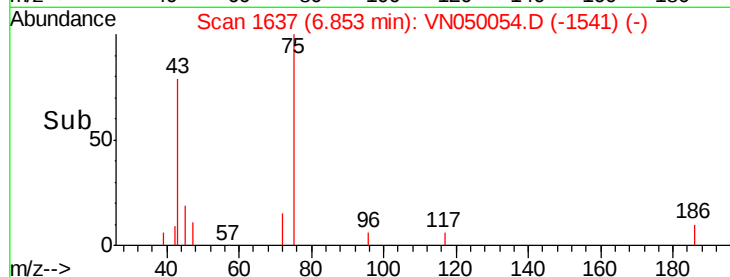
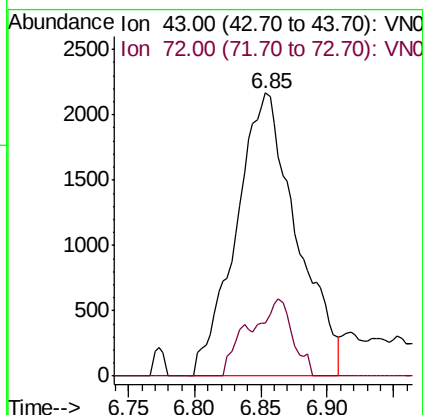
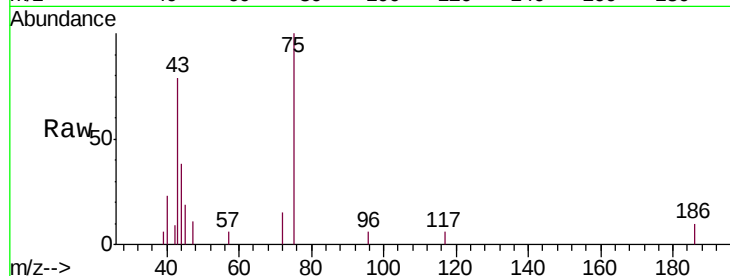




#25
2-Butanone
Concen: 2.07 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN050054.D
Acq: 25 Jul 2018 20:10

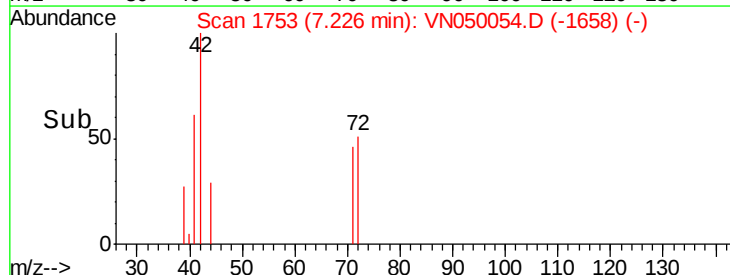
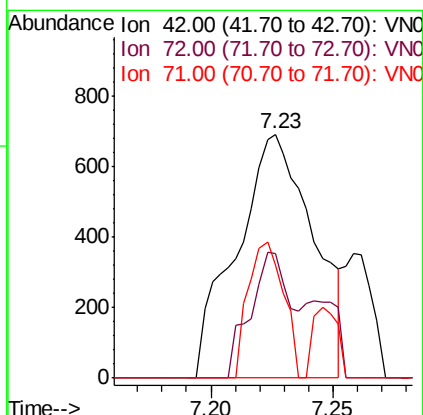
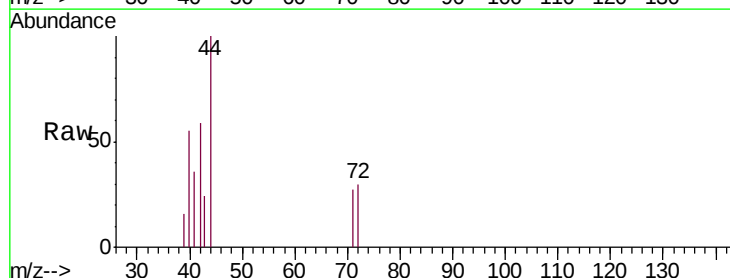
Instrument :
MSVOA_N
ClientSampleId :
PB111424ZHE#01

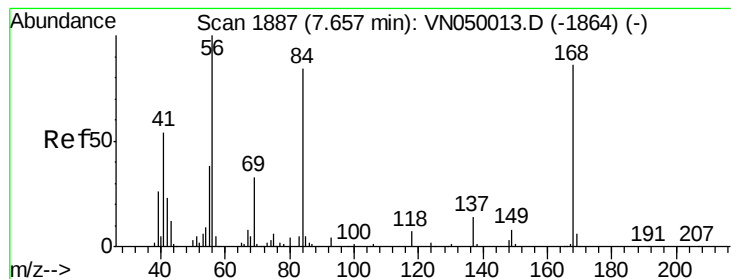
Tot Ion: 43 Resp: 6919
Ion Ratio Lower Upper
43 100
72 18.9 21.5 32.3#



#29
Tetrahydrofuran
Concen: 0.70 ug/l
RT: 7.23 min Scan# 1753
Delta R.T. 0.01 min
Lab File: VN050054.D
Acq: 25 Jul 2018 20:10

Tgt Ion: 42 Resp: 1510
Ion Ratio Lower Upper
42 100
72 26.9 35.9 53.9#
71 25.5 33.7 50.5#





#31

Cyclohexane

Concen: 0.92 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN050054.D

Acq: 25 Jul 2018 20:10

Instrument :

MSVOA_N

ClientSampleId :

PB111424ZHE#01

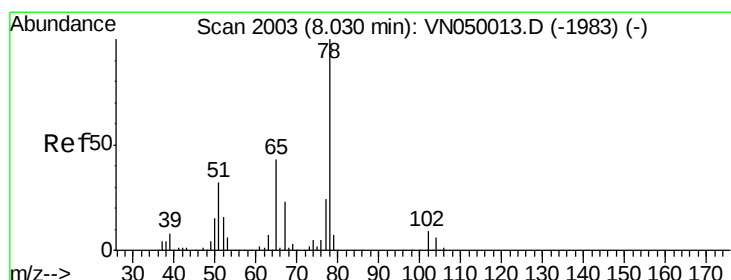
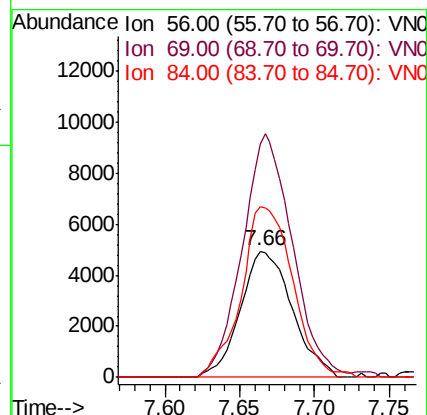
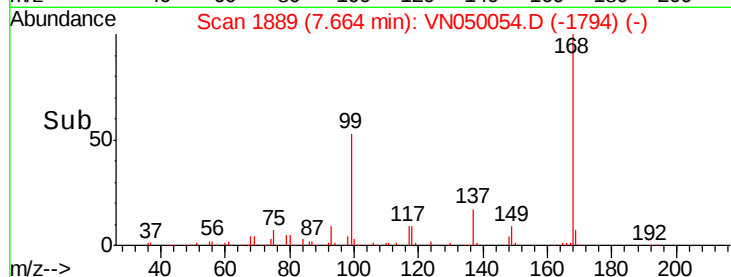
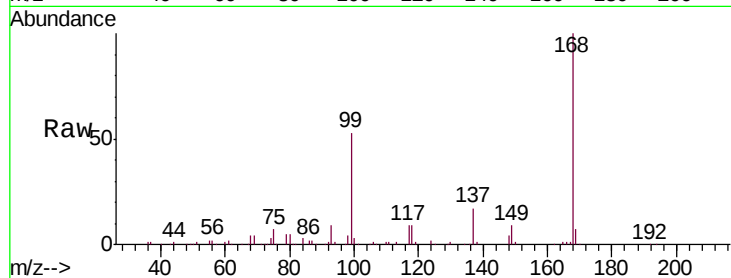
Tot Ion: 56 Resp: 11890

Ion Ratio Lower Upper

56 100

69 185.0 26.2 39.4#

84 135.8 67.4 101.0#



#33

1,2-Dichloroethane-d4

Concen: 51.24 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN050054.D

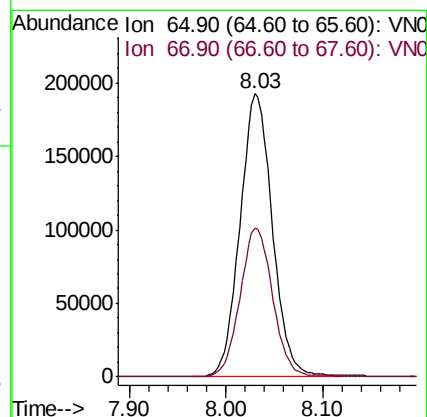
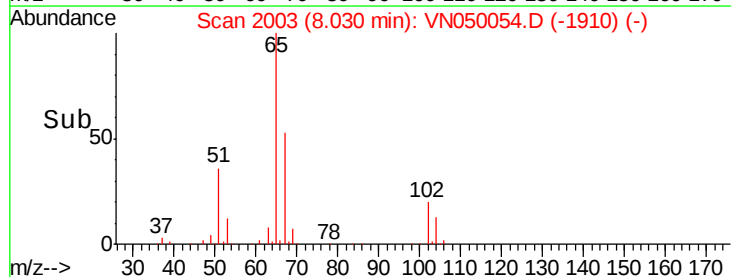
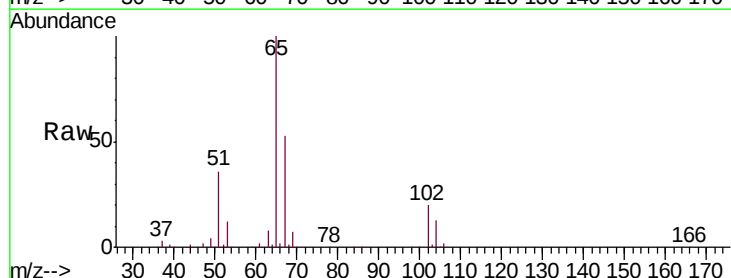
Acq: 25 Jul 2018 20:10

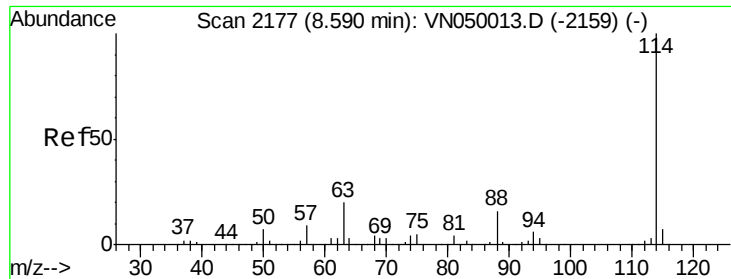
Tgt Ion: 65 Resp: 448409

Ion Ratio Lower Upper

65 100

67 52.9 0.0 108.4

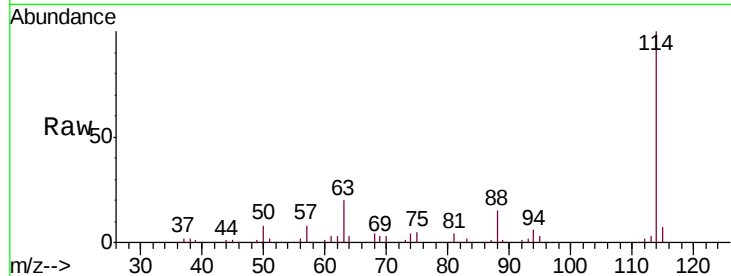




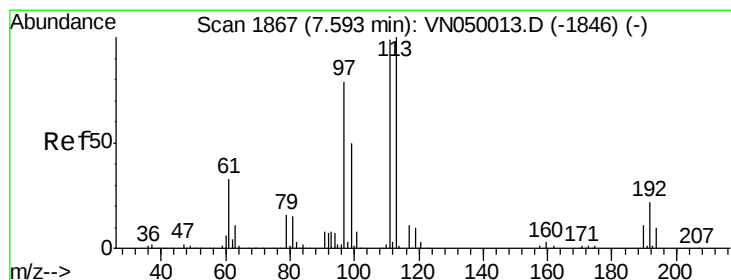
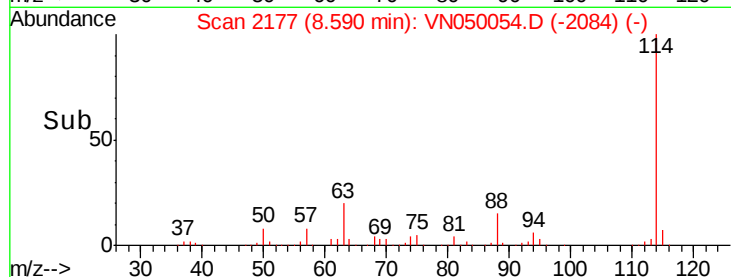
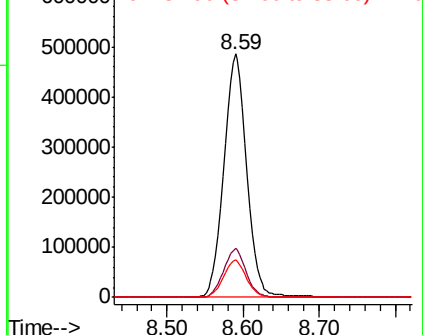
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. -0.00 min
Lab File: VN050054.D
Acq: 25 Jul 2018 20:10

Instrument :
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Tot Ion:114 Resp: 1019084
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.0
88 15.4 0.0 31.2

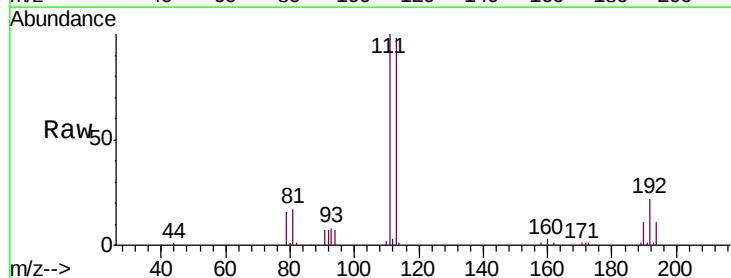


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

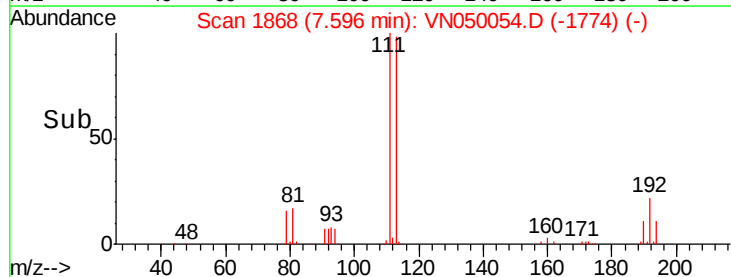
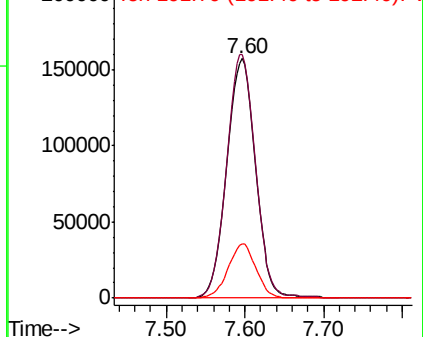


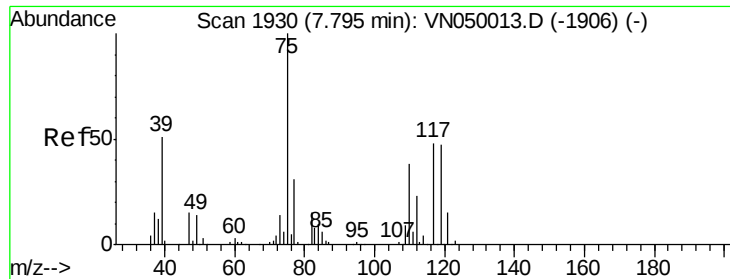
#35
Dibromofluoromethane
Concen: 48.13 ug/l
RT: 7.60 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VN050054.D
Acq: 25 Jul 2018 20:10

Tgt Ion:113 Resp: 400431
Ion Ratio Lower Upper
113 100
111 101.4 80.7 121.1
192 21.9 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

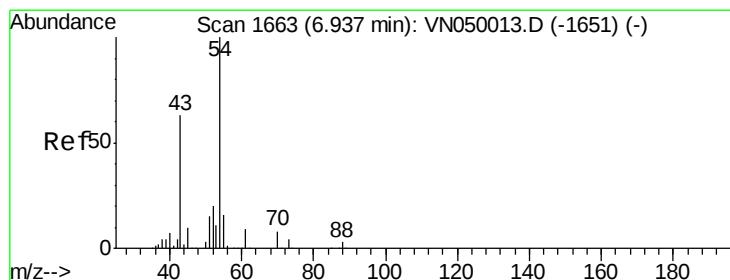
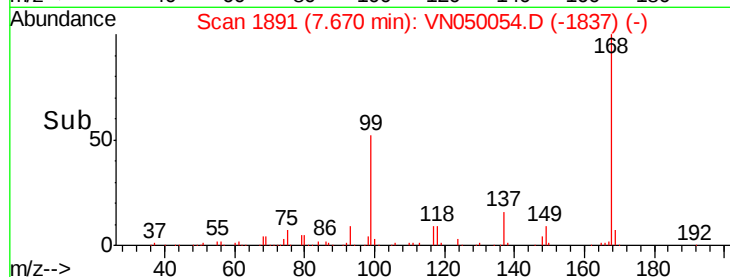
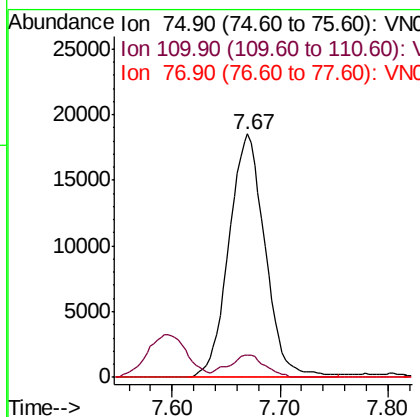
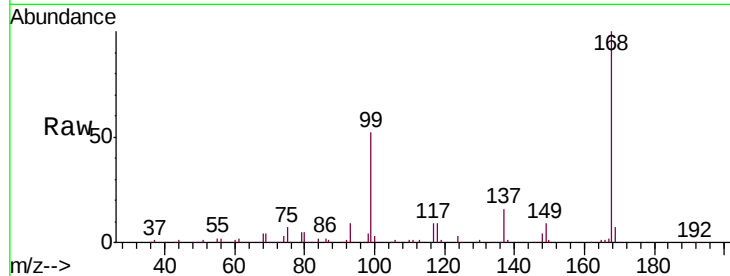




#36
 1,1-Dichloropropene
 Concen: 3.77 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.13 min
 Lab File: VN050054.D
 Acq: 25 Jul 2018 20:10

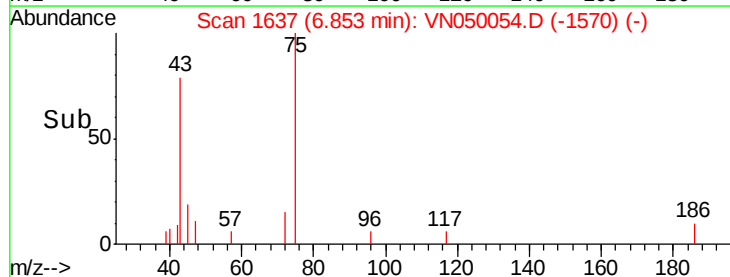
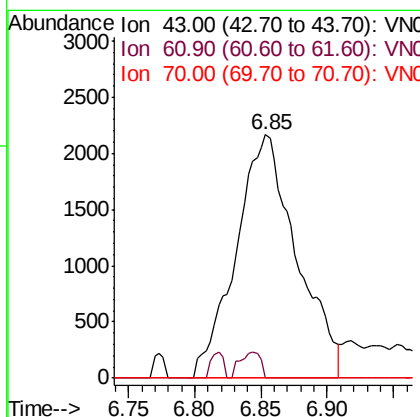
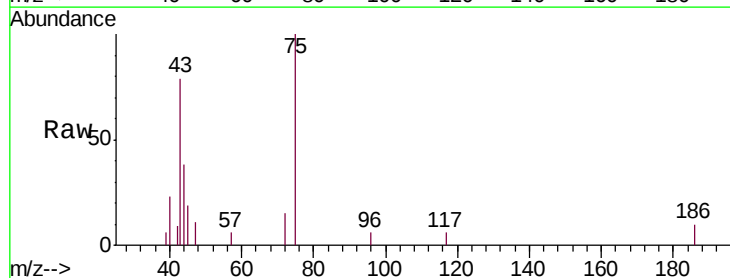
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424ZHE#01

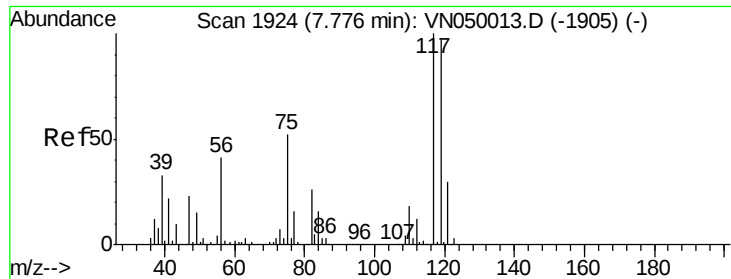
Tot Ion: 75 Resp: 43252
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.4 55.2#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 0.86 ug/l
 RT: 6.85 min Scan# 1637
 Delta R.T. -0.08 min
 Lab File: VN050054.D
 Acq: 25 Jul 2018 20:10

Tgt Ion: 43 Resp: 6919
 Ion Ratio Lower Upper
 43 100
 61 3.7 11.8 17.8#
 70 0.0 8.4 12.6#





#38

Carbon Tetrachloride

Concen: 4.67 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050054.D

Acq: 25 Jul 2018 20:10

Instrument :

MSVOA_N

ClientSampleId :

PB111424ZHE#01

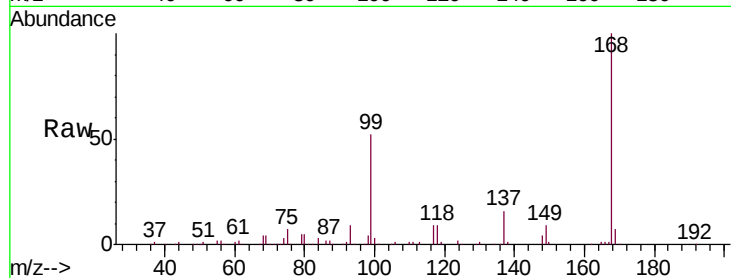
Tot Ion:117 Resp: 56850

Ion Ratio Lower Upper

117 100

119 6.1 77.4 116.0#

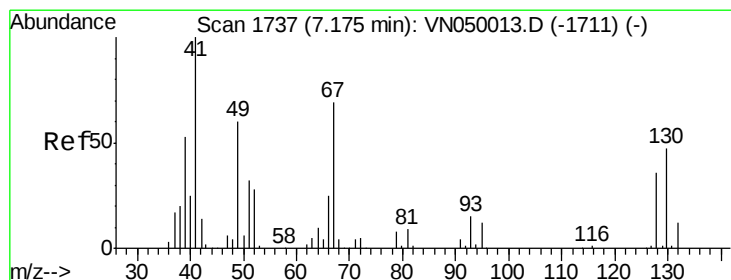
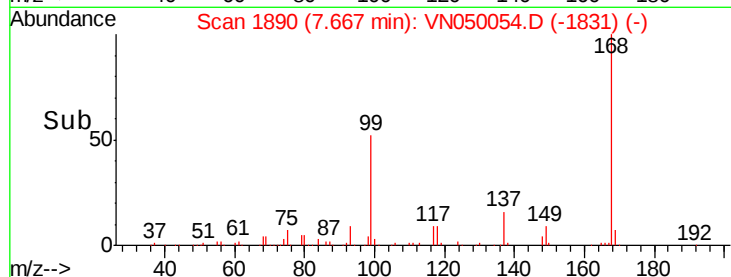
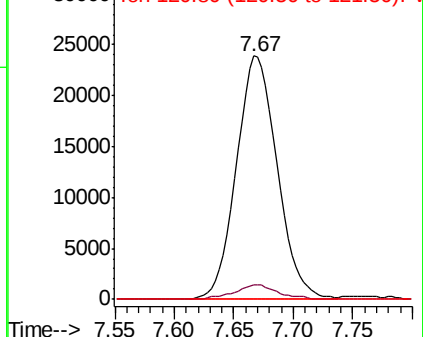
121 0.0 23.9 35.9#



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



#41

Methacrylonitrile

Concen: 3.00 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.05 min

Lab File: VN050054.D

Acq: 25 Jul 2018 20:10

Tgt Ion: 41 Resp: 1112

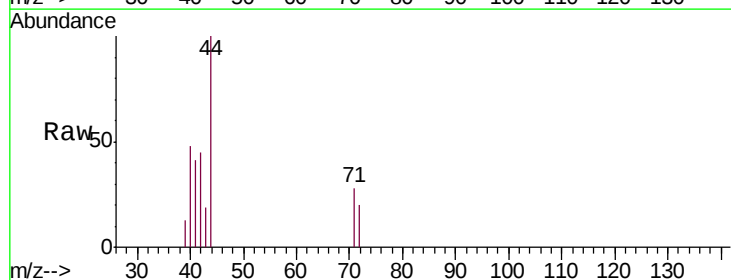
Ion Ratio Lower Upper

41 100

39 34.6 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#

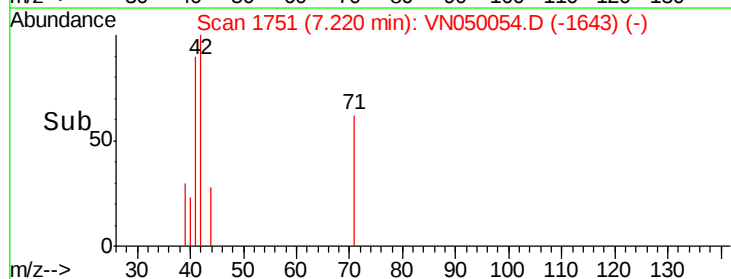
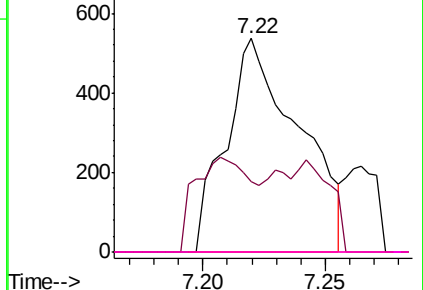


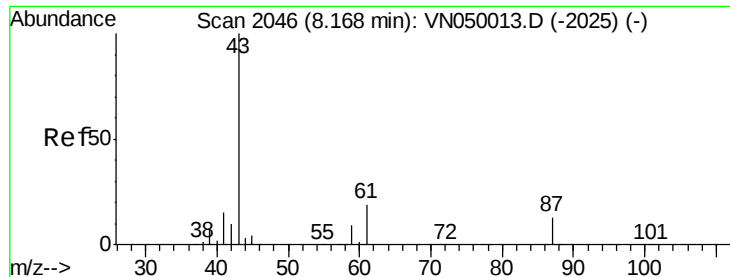
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 14.16 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050054.D

Acq: 25 Jul 2018 20:10

Instrument :

MSVOA_N

ClientSampleId :

PB111424ZHE#01

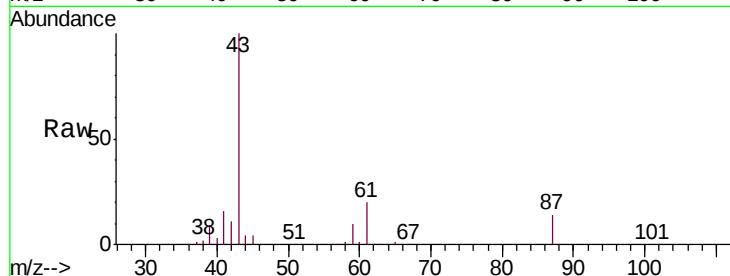
Tot Ion: 43 Resp: 225913

Ion Ratio Lower Upper

43 100

61 19.8 15.8 23.6

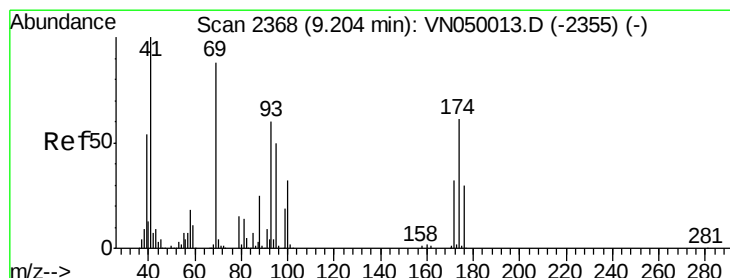
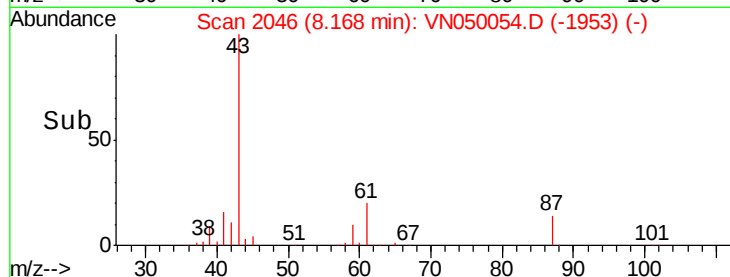
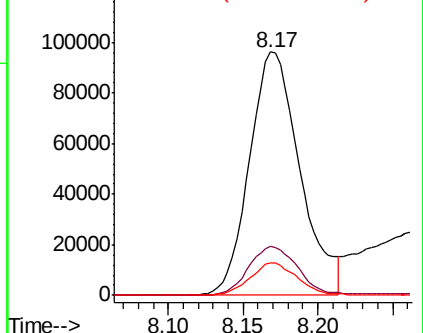
87 12.5 10.3 15.5



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: 1.15 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. -0.02 min

Lab File: VN050054.D

Acq: 25 Jul 2018 20:10

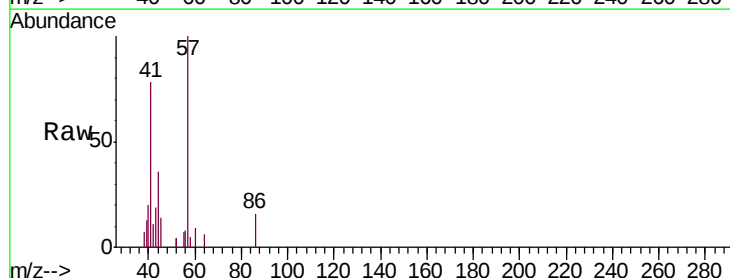
Tgt Ion: 41 Resp: 7900

Ion Ratio Lower Upper

41 100

69 0.0 70.6 105.8#

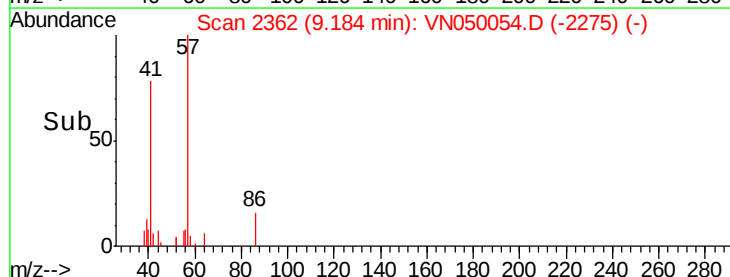
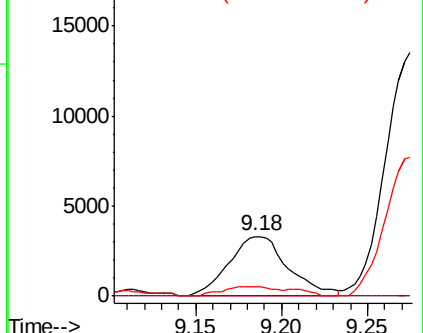
39 14.3 43.9 65.9#

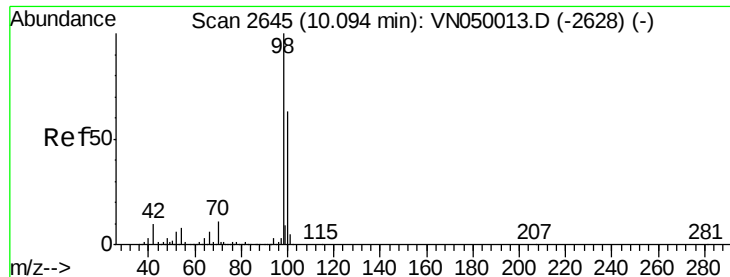


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 45.78 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VN050054.D

Acq: 25 Jul 2018 20:10

Instrument :

MSVOA_N

ClientSampleId :

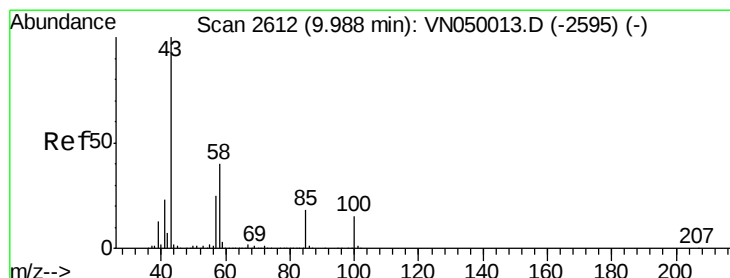
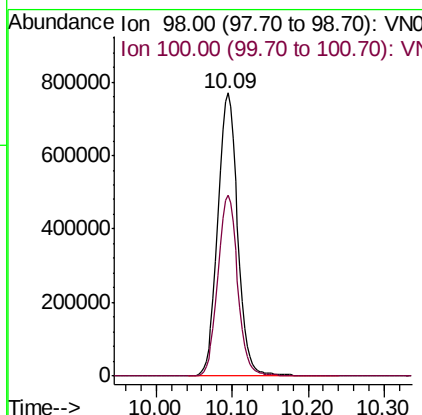
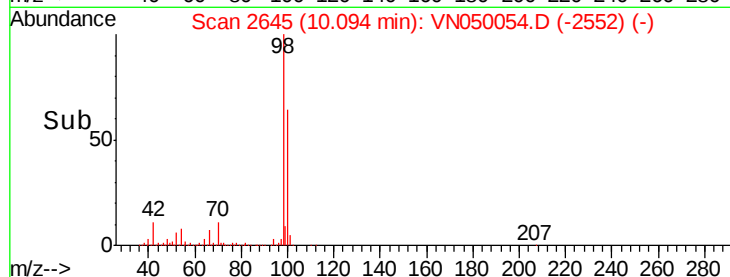
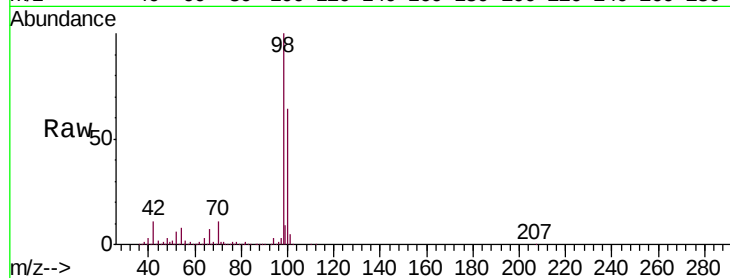
PB111424ZHE#01

Tot Ion: 98 Resp: 1400308

Ion Ratio Lower Upper

98 100

100 63.7 50.7 76.1



#51

4-Methyl-2-Pentanone

Concen: 0.42 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. -0.00 min

Lab File: VN050054.D

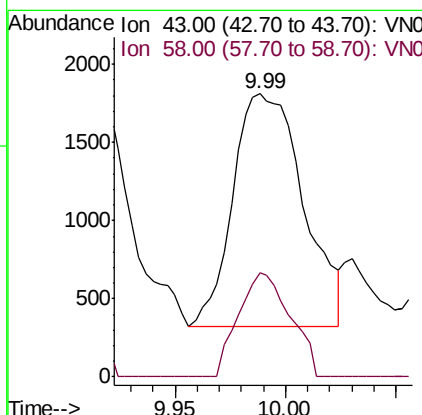
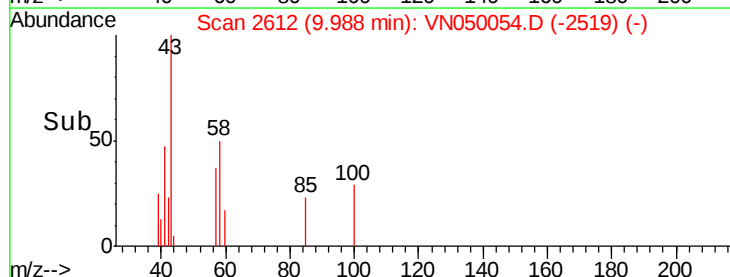
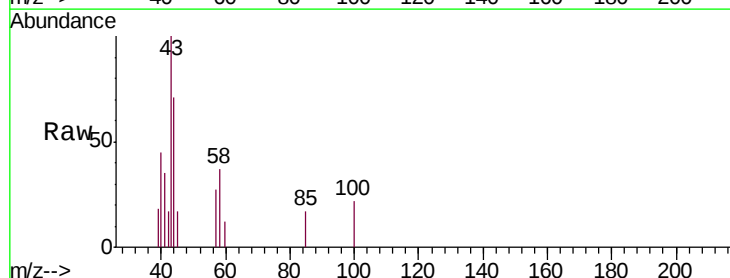
Acq: 25 Jul 2018 20:10

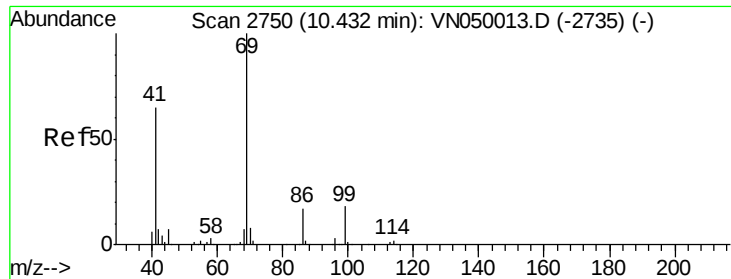
Tgt Ion: 43 Resp: 3276

Ion Ratio Lower Upper

43 100

58 33.2 31.9 47.9





#56

Ethyl methacrylate

Concen: 2.04 ug/l

RT: 10.44 min Scan# 2751

Delta R.T. 0.00 min

Lab File: VN050054.D

Acq: 25 Jul 2018 20:10

Instrument :

MSVOA_N

ClientSampleId :

PB111424ZHE#01

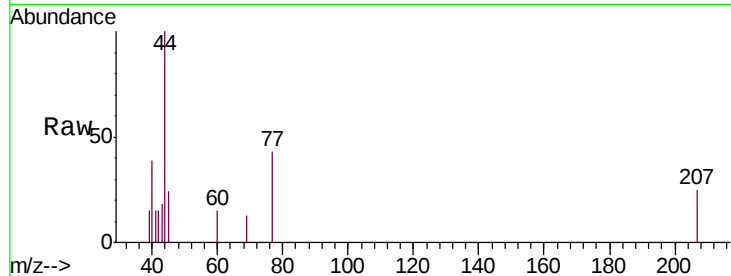
Tot Ion: 69 Resp: 124

Ion Ratio Lower Upper

69 100

41 0.0 51.0 76.4#

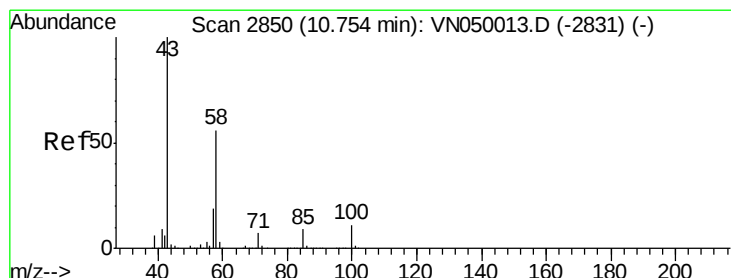
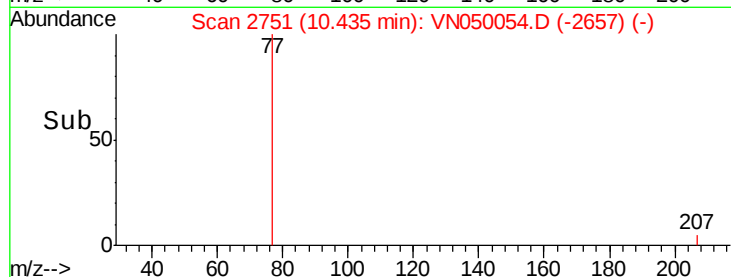
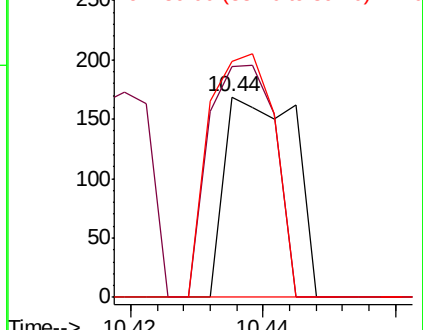
39 112.9 26.6 40.0#



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: 8.26 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050054.D

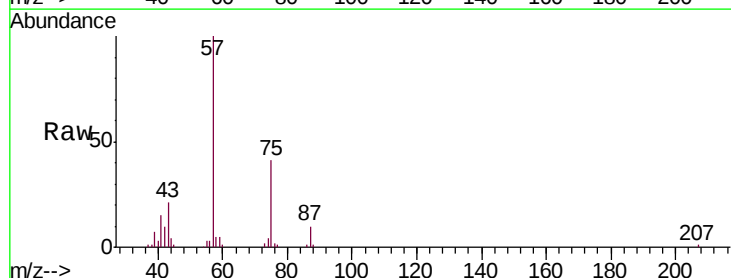
Acq: 25 Jul 2018 20:10

Tgt Ion: 43 Resp: 18235

Ion Ratio Lower Upper

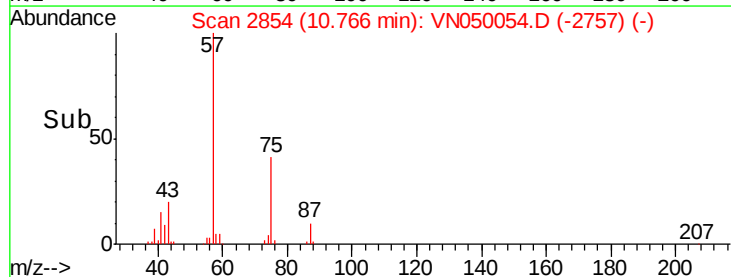
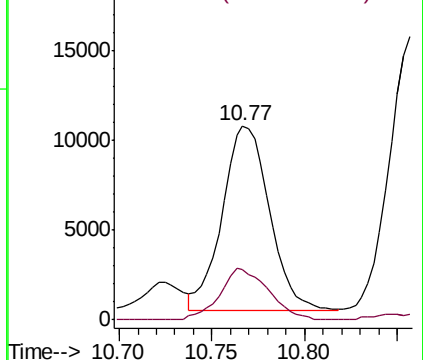
43 100

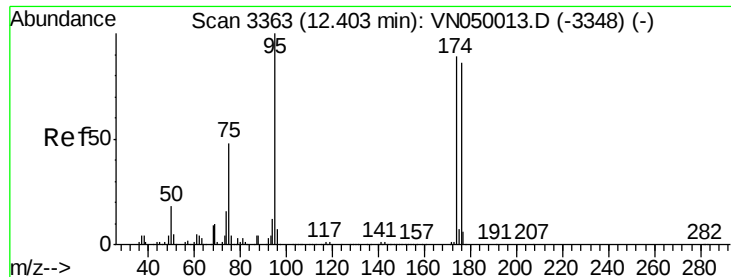
58 28.7 27.6 82.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 38.62 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN050054.D

Acq: 25 Jul 2018 20:10

Instrument :

MSVOA_N

ClientSampleId :

PB111424ZHE#01

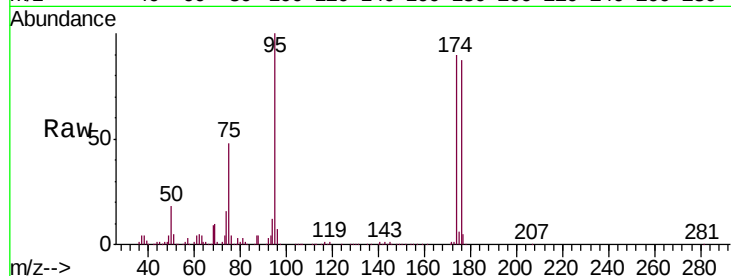
Tot Ion: 95 Resp: 389006

Ion Ratio Lower Upper

95 100

174 91.1 0.0 178.2

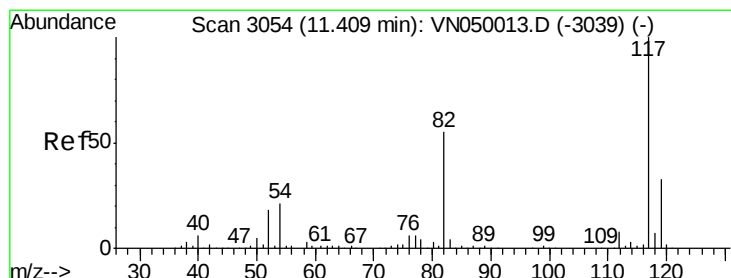
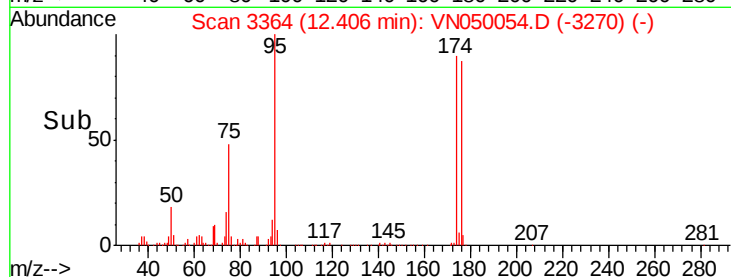
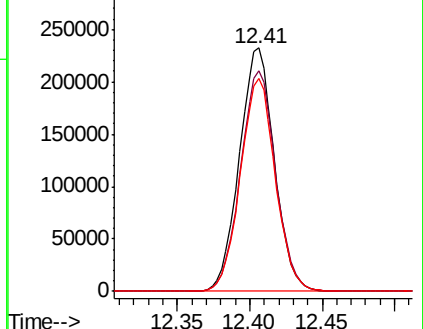
176 87.4 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050013.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050013.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050013.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN050054.D

Acq: 25 Jul 2018 20:10

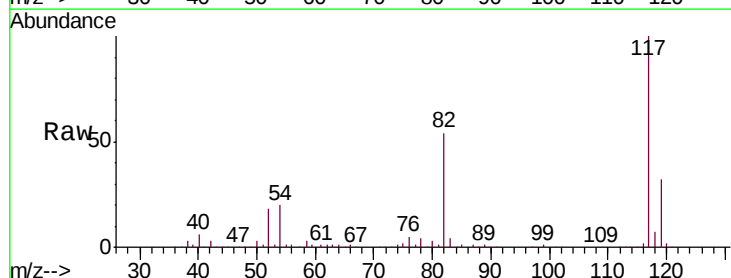
Tgt Ion: 117 Resp: 883164

Ion Ratio Lower Upper

117 100

82 54.1 43.7 65.5

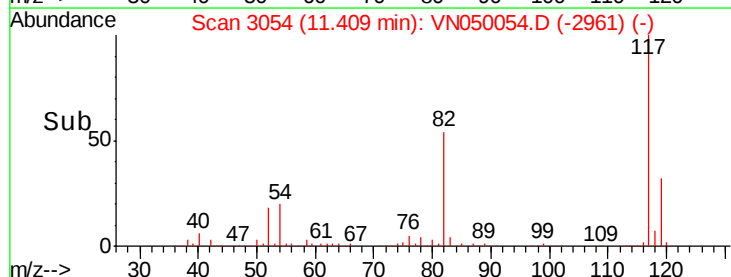
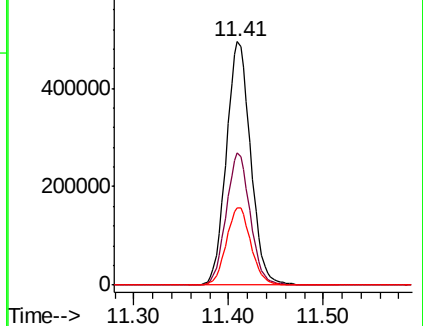
119 31.7 26.1 39.1

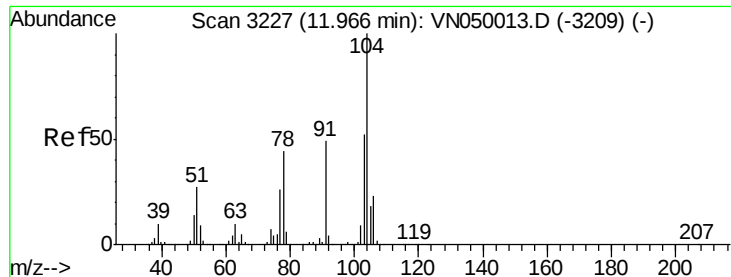


Abundance Ion 116.90 (116.60 to 117.60): VN050013.D (-3039) (-)

Ion 82.00 (81.70 to 82.70): VN050013.D (-3039) (-)

Ion 118.90 (118.60 to 119.60): VN050013.D (-3039) (-)





#70

Stvrene

Concen: 0.96 ug/l

RT: 11.97 min Scan# 3229

Delta R.T. 0.01 min

Lab File: VN050054.D

Acq: 25 Jul 2018 20:10

Instrument :

MSVOA_N

ClientSampleId :

PB111424ZHE#01

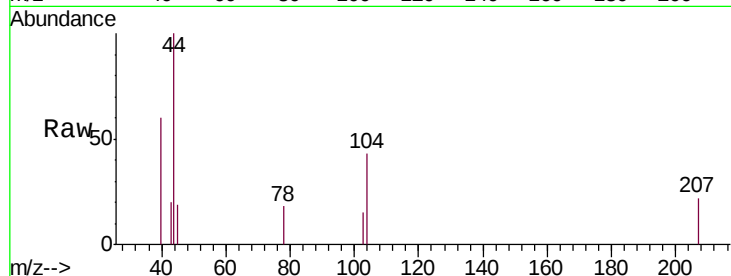
Tot Ion:104 Resp: 795

Ion Ratio Lower Upper

104 100

78 38.5 39.3 58.9#

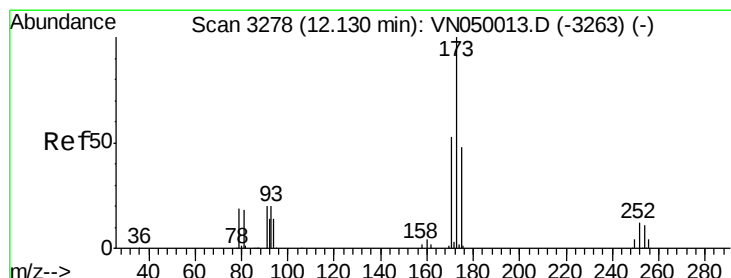
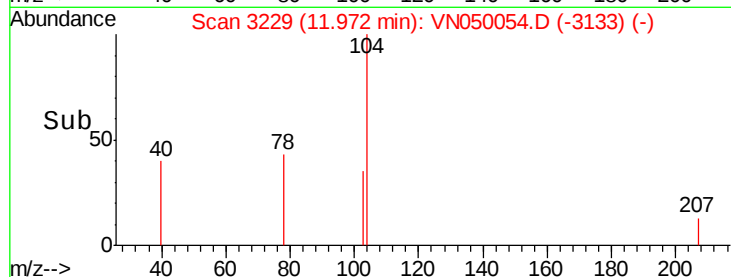
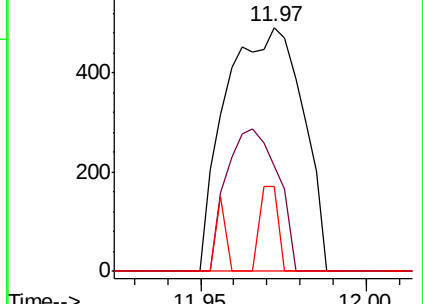
103 8.3 45.0 67.6#



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: 0.42 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.28 min

Lab File: VN050054.D

Acq: 25 Jul 2018 20:10

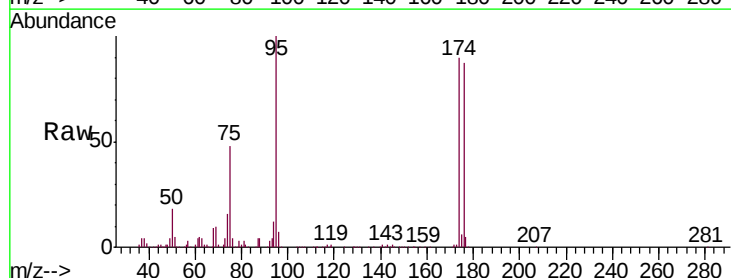
Tgt Ion:173 Resp: 2598

Ion Ratio Lower Upper

173 100

175 835.2 24.1 72.2#

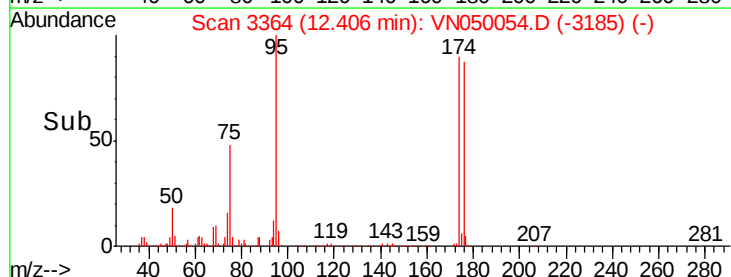
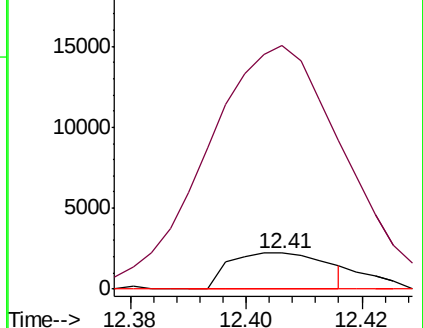
254 0.0 0.2 0.2#

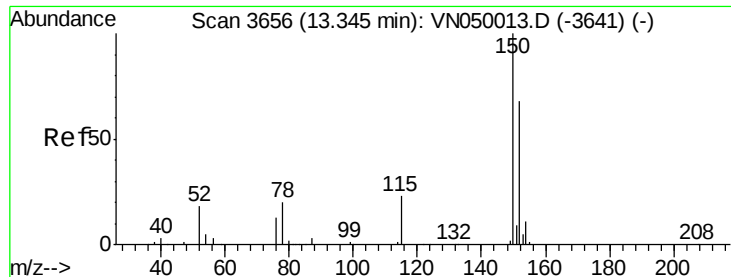


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN050054.D

Acq: 25 Jul 2018 20:10

Instrument :

MSVOA_N

ClientSampleId :

PB111424ZHE#01

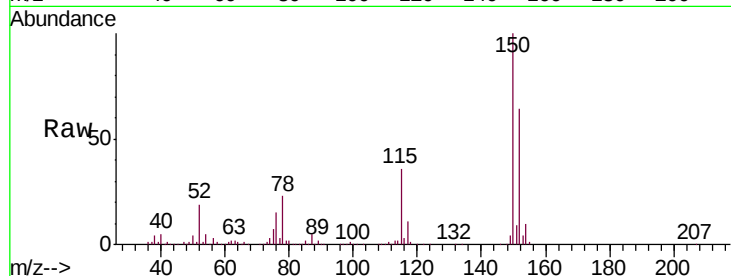
Tot Ion:152 Resp: 315423

Ion Ratio Lower Upper

152 100

115 55.4 27.8 83.3

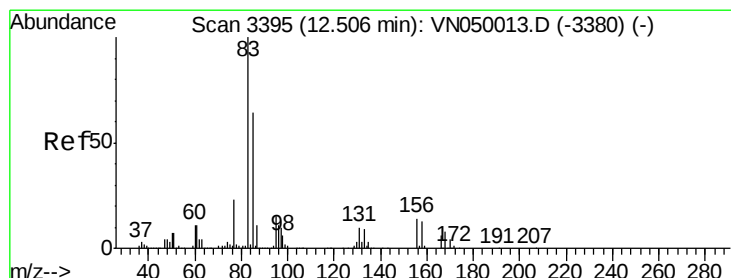
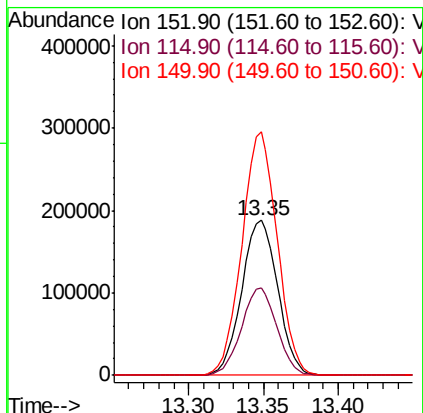
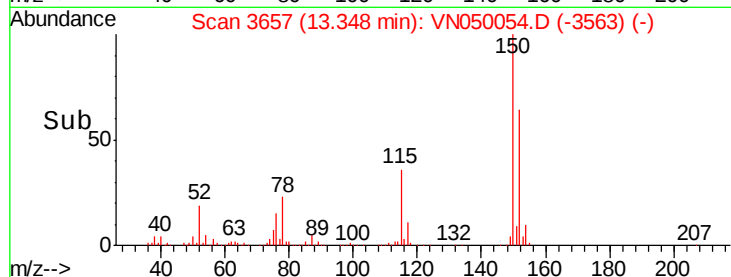
150 153.9 0.0 348.6



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: 12.40 min Scan# 3363

Delta R.T. -0.10 min

Lab File: VN050054.D

Acq: 25 Jul 2018 20:10

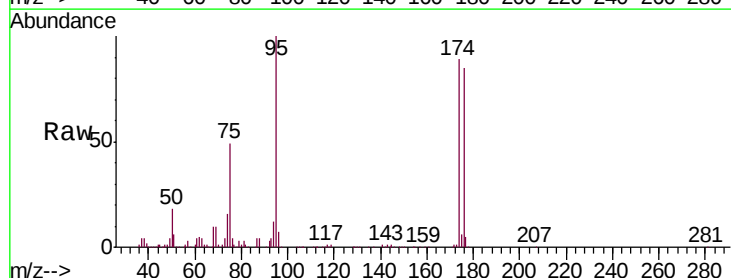
Tgt Ion: 83 Resp: 346

Ion Ratio Lower Upper

83 100

131 116.8 5.1 15.3#

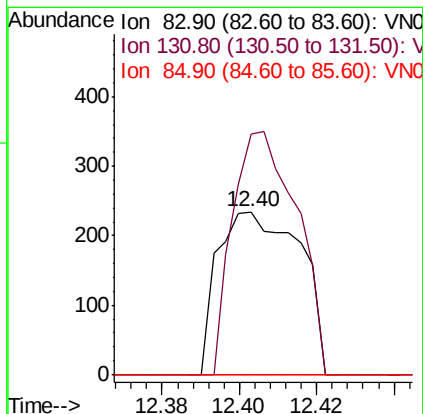
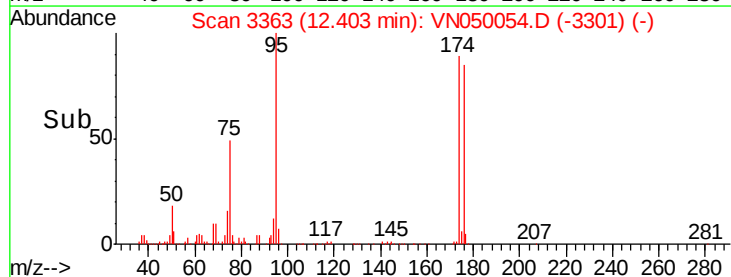
85 0.0 32.3 96.8#

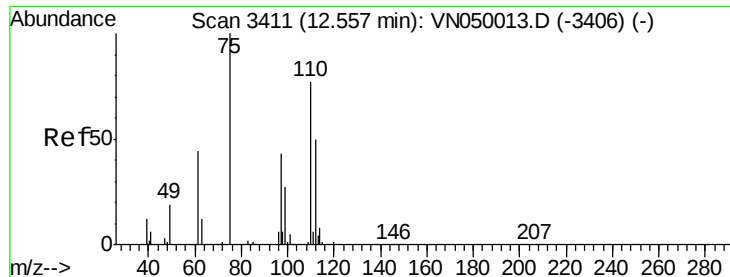


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 32.45 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050054.D

Acq: 25 Jul 2018 20:10

Instrument :

MSVOA_N

ClientSampleId :

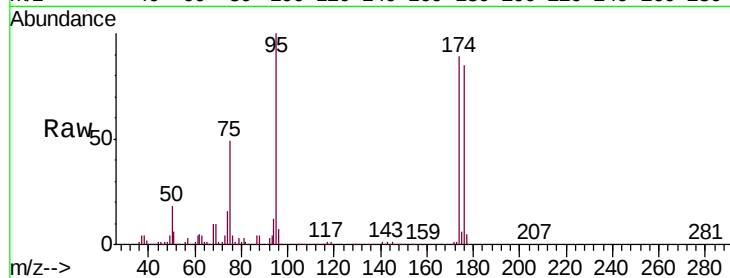
PB111424ZHE#01

Tot Ion: 75 Resp: 190225

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050013.D (-3406) (-)

Ion 77.00 (76.70 to 77.70): VN050013.D (-3406) (-)

120000

100000

80000

60000

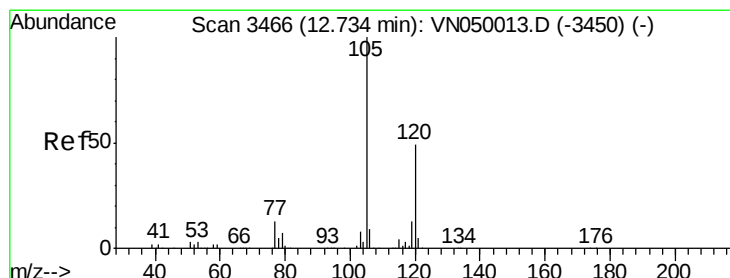
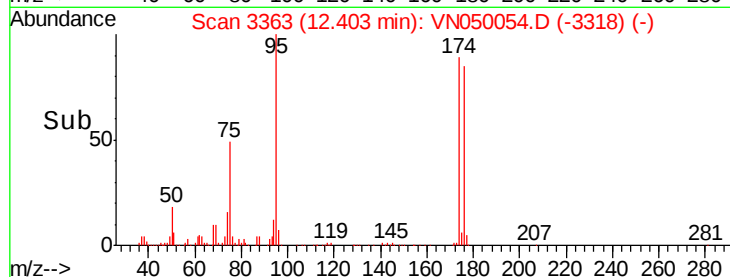
40000

20000

0

12.35 12.40 12.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.20 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN050054.D

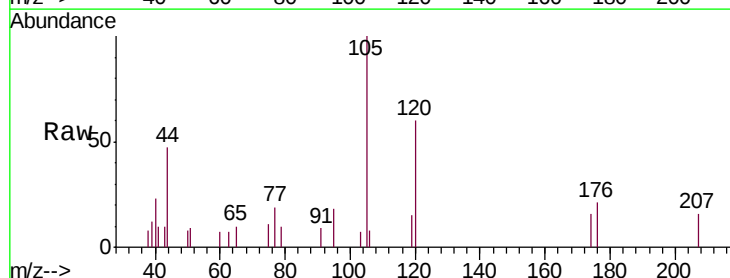
Acq: 25 Jul 2018 20:10

Tgt Ion: 105 Resp: 3877

Ion Ratio Lower Upper

105 100

120 57.2 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050013.D (-3450) (-)

Ion 120.00 (119.70 to 120.70): VN050013.D (-3450) (-)

2500

2000

1500

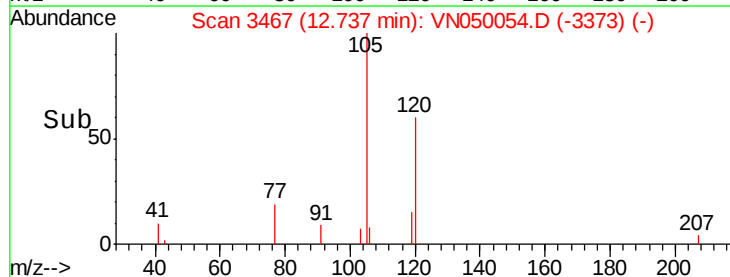
1000

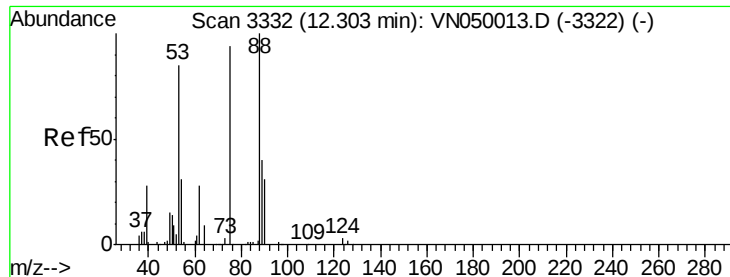
500

0

12.70 12.74 12.78

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 102.93 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050054.D

Acq: 25 Jul 2018 20:10

Instrument :

MSVOA_N

ClientSampleId :

PB111424ZHE#01

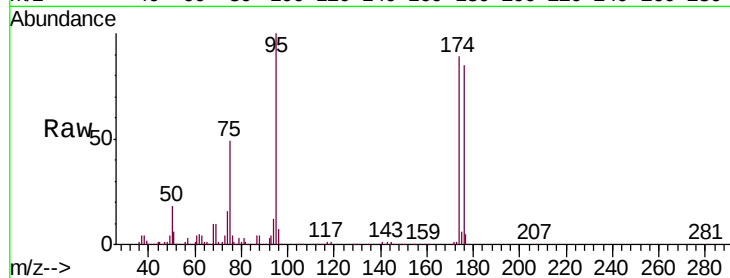
Tot Ion: 75 Resp: 190225

Ion Ratio Lower Upper

75 100

53 0.1 73.5 110.3#

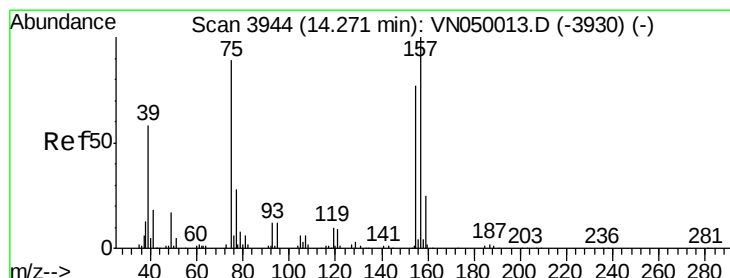
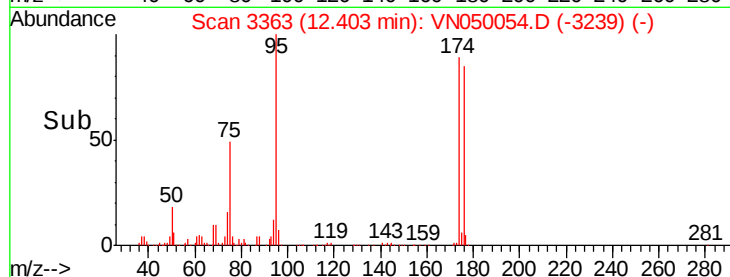
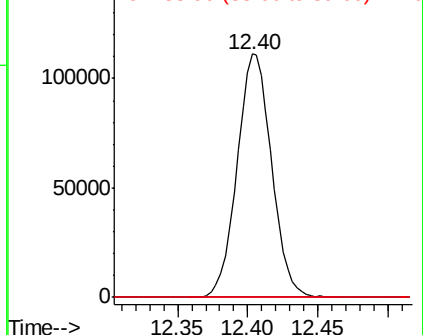
89 0.0 36.0 54.0#



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: 14.26 min Scan# 3940

Delta R.T. -0.01 min

Lab File: VN050054.D

Acq: 25 Jul 2018 20:10

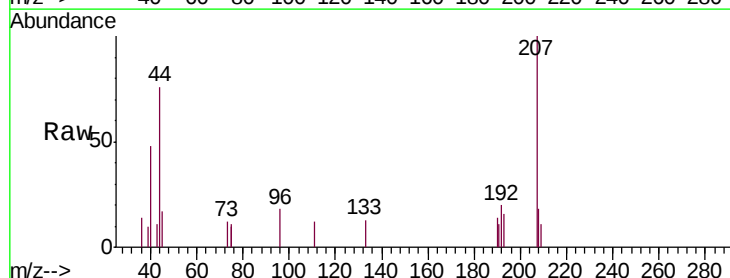
Tgt Ion: 75 Resp: 238

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

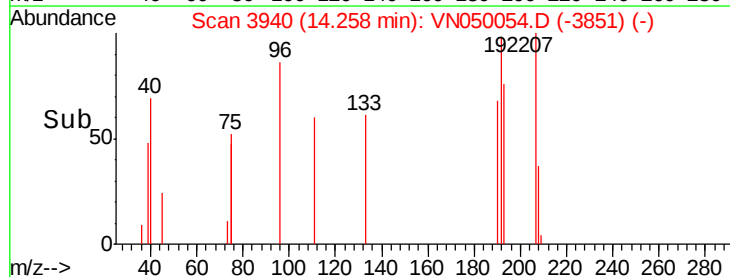
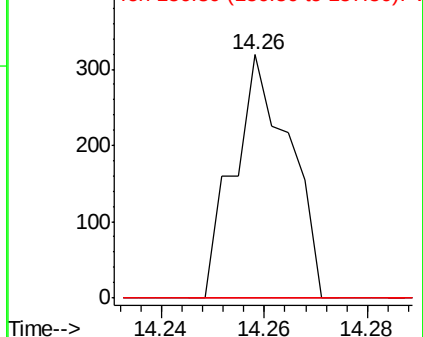
157 0.0 57.2 171.6#

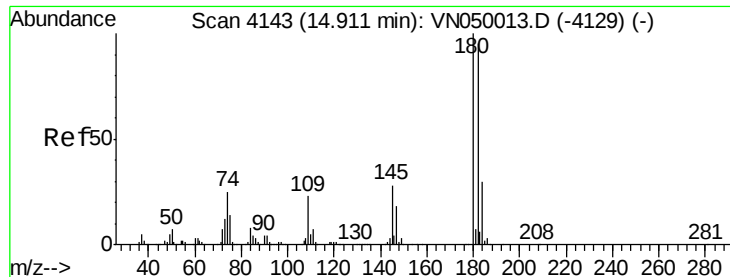


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

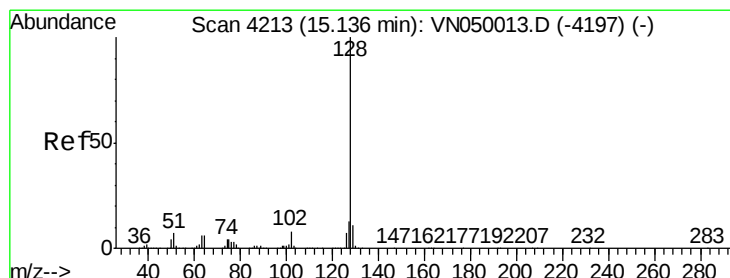
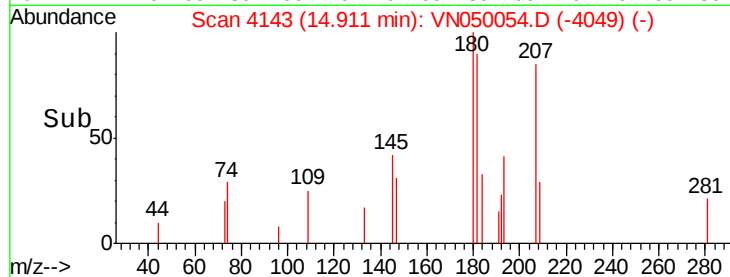
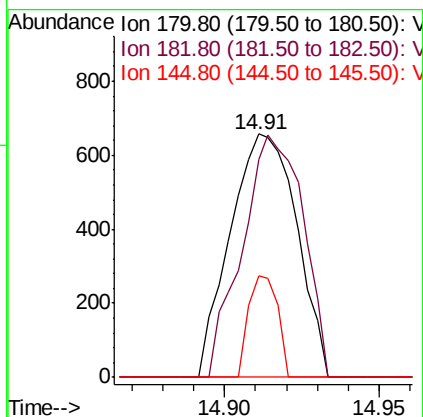
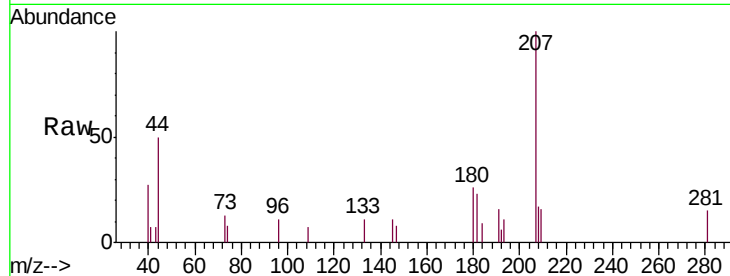




#93
 1,2,4-Trichlorobenzene
 Concen: 3.24 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050054.D
 Acq: 25 Jul 2018 20:10

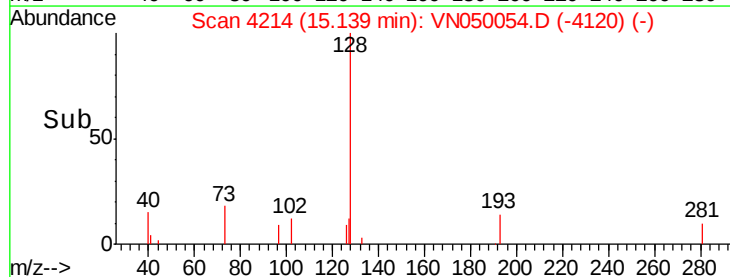
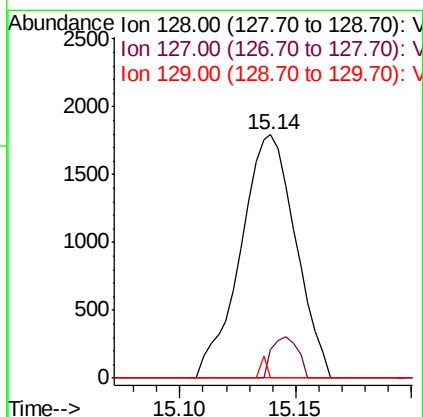
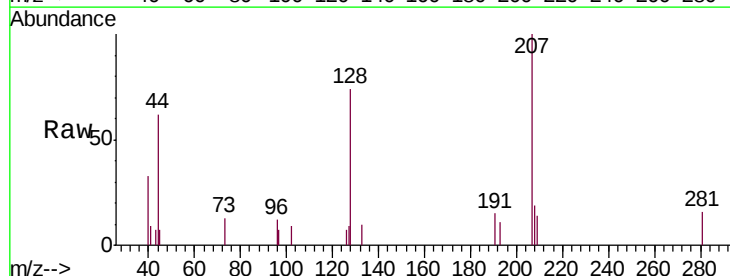
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424ZHE#01

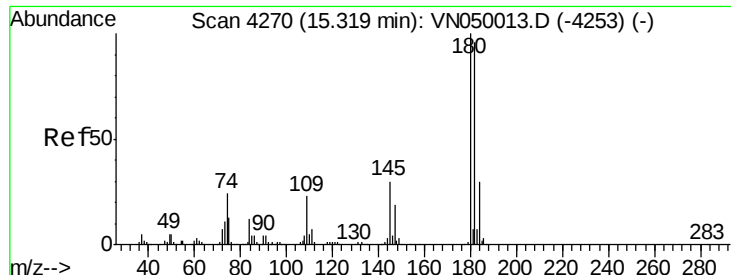
Tot Ion:180 Resp: 984
 Ion Ratio Lower Upper
 180 100
 182 91.3 46.7 140.1
 145 18.2 13.8 41.4



#95
 Naphthalene
 Concen: 4.60 ug/l
 RT: 15.14 min Scan# 4214
 Delta R.T. 0.00 min
 Lab File: VN050054.D
 Acq: 25 Jul 2018 20:10

Tgt Ion:128 Resp: 2960
 Ion Ratio Lower Upper
 128 100
 127 7.9 10.4 15.6#
 129 1.0 8.8 13.2#

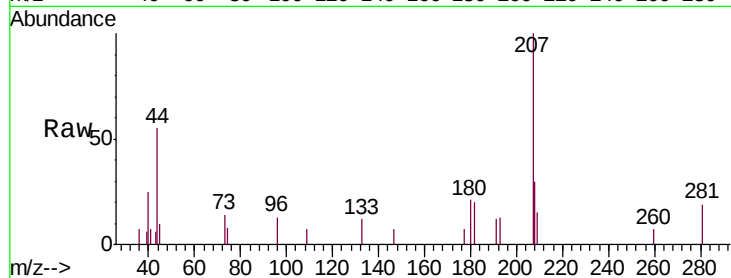




#96
 1,2,3-Trichlorobenzene
 Concen: 2.36 ug/l
 RT: 15.32 min Scan# 4270
 Delta R.T. 0.00 min
 Lab File: VN050054.D
 Acq: 25 Jul 2018 20:10

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424ZHE#01

Tot Ion:	180	Resp:	950
Ion	Ratio	Lower	Upper
180	100		
182	78.7	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

