

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049959.D
 Acq On : 20 Jul 2018 13:45
 Operator : MD\SY
 Sample : PB111289TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111289TB

Quant Time: Jul 21 00:07:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	588744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	942751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	803979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	279226	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	409326	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
35) Dibromofluoromethane	7.59	113	359582	45.43	ug/l	0.00
Spiked Amount			Recovery	=	90.86%	
50) Toluene-d8	10.09	98	1286890	44.63	ug/l	0.00
Spiked Amount			Recovery	=	89.26%	
62) 4-Bromofluorobenzene	12.40	95	343838	34.62	ug/l	0.00
Spiked Amount			Recovery	=	69.24%	

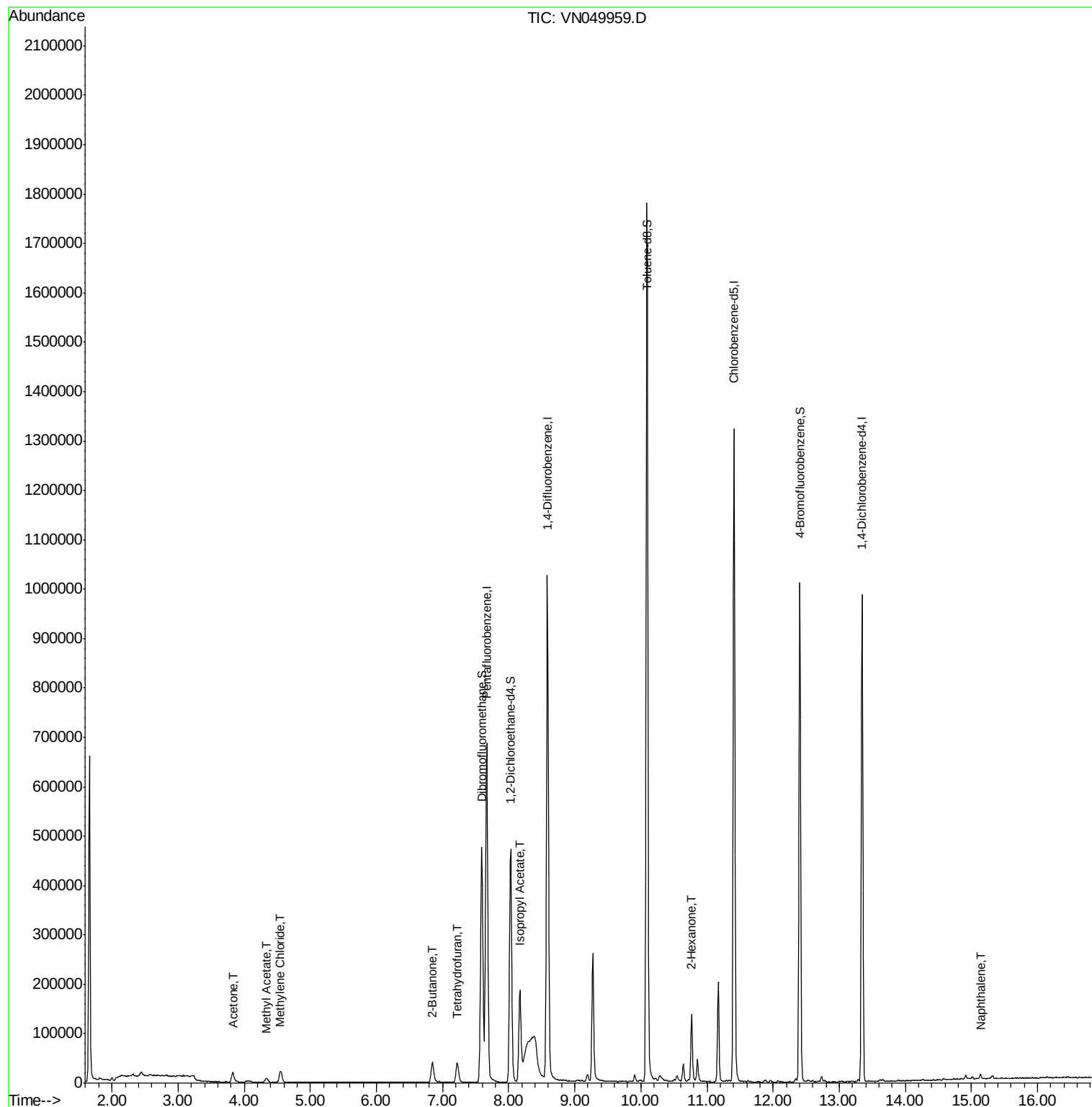
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	33273	15.88	ug/l	99
18) Methyl Acetate	4.34	43	17796	1.91	ug/l	91
20) Methylene Chloride	4.55	84	17189	2.16	ug/l	94
25) 2-Butanone	6.85	43	63131	21.08	ug/l	93
29) Tetrahydrofuran	7.22	42	33134	17.57	ug/l	94
43) Isopropyl Acetate	8.17	43	239069	19.01	ug/l	99
59) 2-Hexanone	10.77	43	21015	4.45	ug/l #	62
95) Naphthalene	15.14	128	7957	5.04	ug/l	95

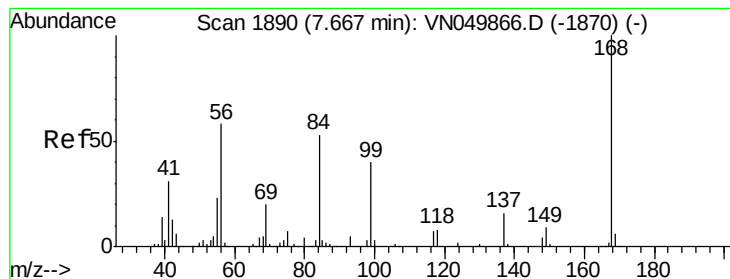
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Jul 21 00:07:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
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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: VN049959.D

Acq: 20 Jul 2018 13:45

Instrument :

MSVOA_N

ClientSampled :

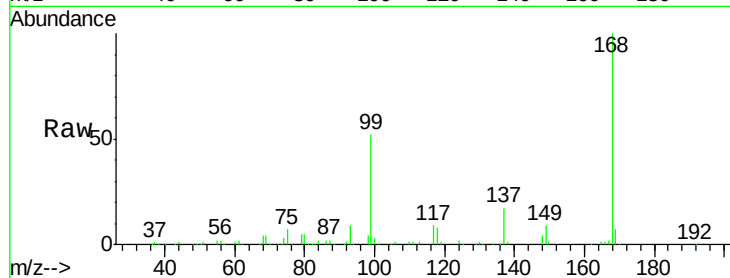
PB111289TB

Tot Ion:168 Resp: 588744

Ion Ratio Lower Upper

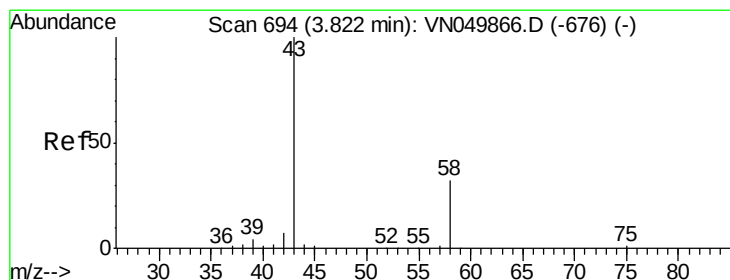
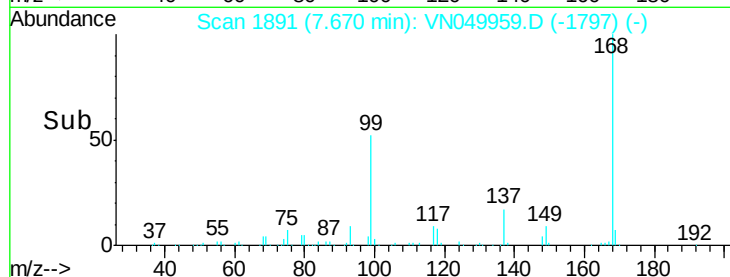
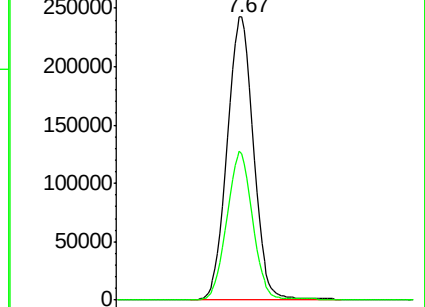
168 100

99 51.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 15.88 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049959.D

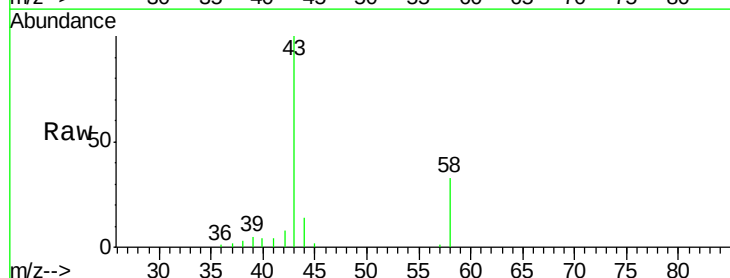
Acq: 20 Jul 2018 13:45

Tgt Ion: 43 Resp: 33273

Ion Ratio Lower Upper

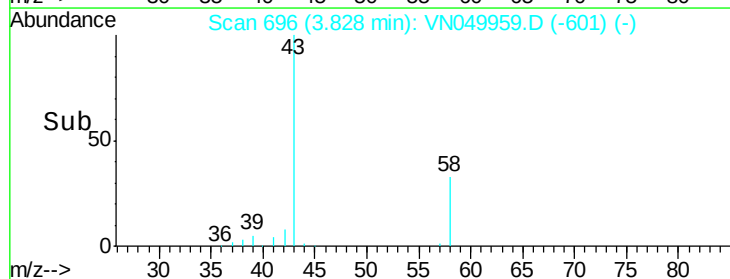
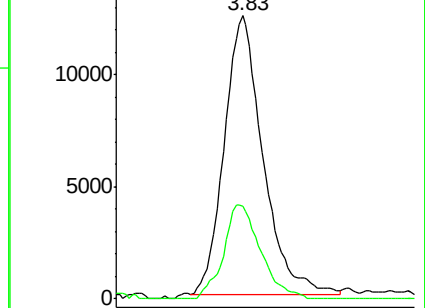
43 100

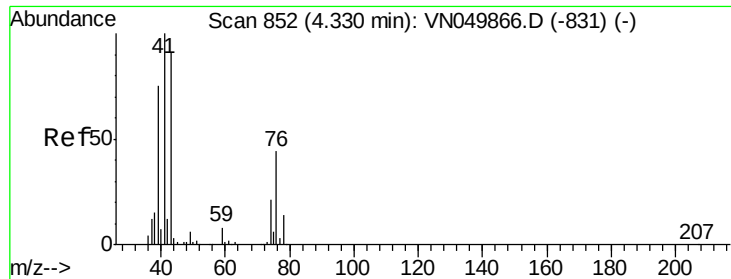
58 33.2 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

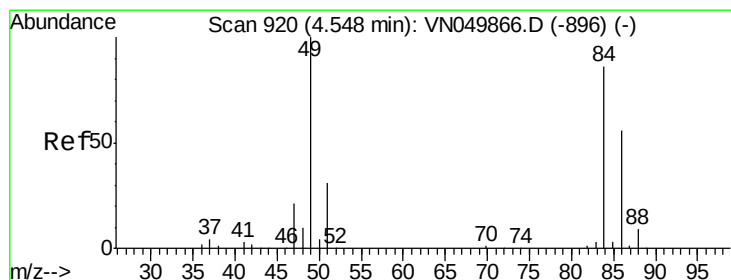
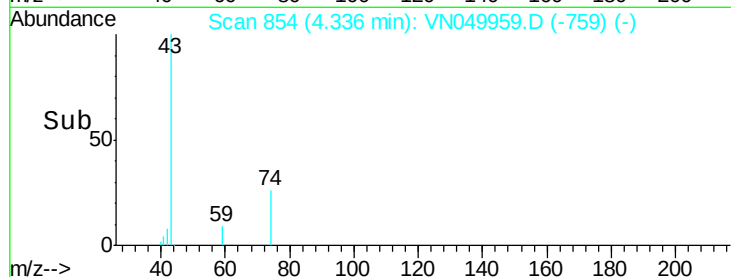
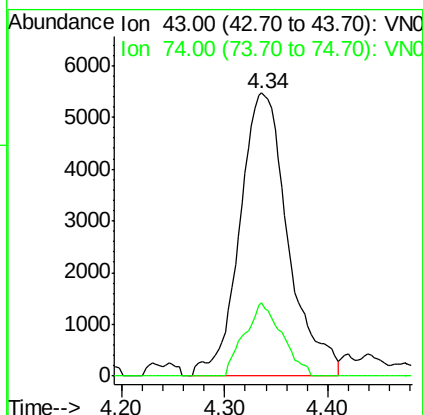
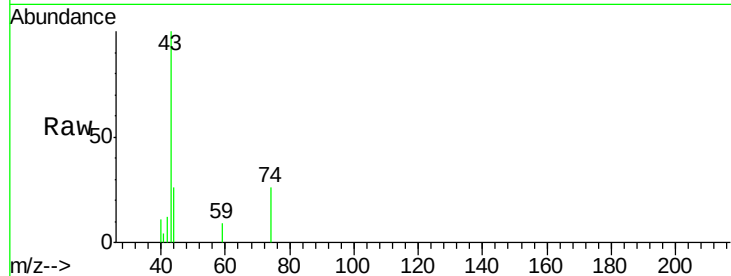




#18
Methvl Acetate
Concen: 1.91 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049959.D
Acq: 20 Jul 2018 13:45

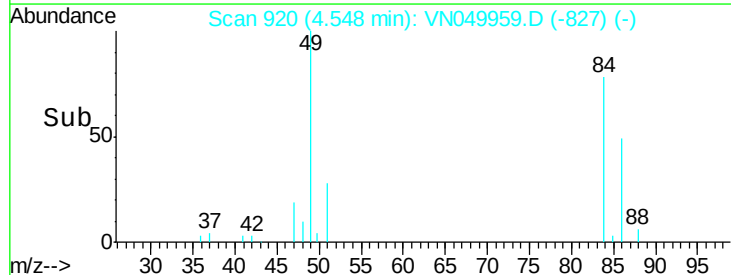
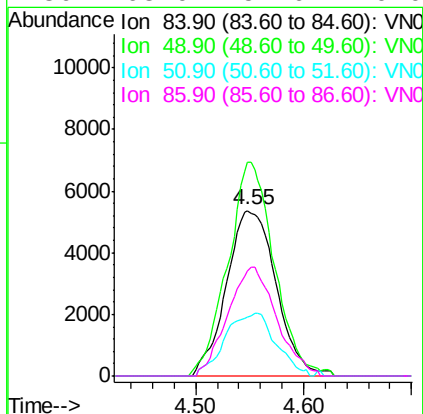
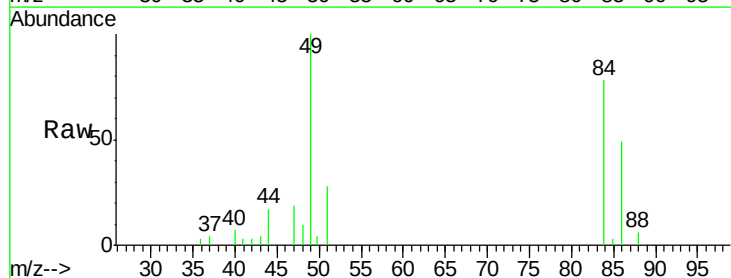
Instrument :
MSVOA_N
ClientSampleId :
PB111289TB

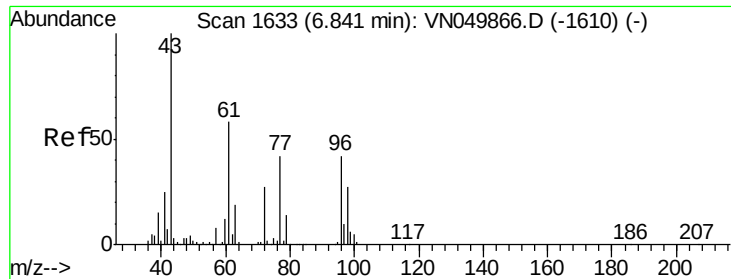
Tot Ion: 43 Resp: 17796
Ion Ratio Lower Upper
43 100
74 20.2 19.8 29.8



#20
Methylene Chloride
Concen: 2.16 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049959.D
Acq: 20 Jul 2018 13:45

Tgt Ion: 84 Resp: 17189
Ion Ratio Lower Upper
84 100
49 128.9 95.4 143.2
51 35.9 28.4 42.6
86 63.0 52.6 79.0





#25

2-Butanone

Concen: 21.08 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VN049959.D

Acq: 20 Jul 2018 13:45

Instrument :

MSVOA_N

ClientSampleId :

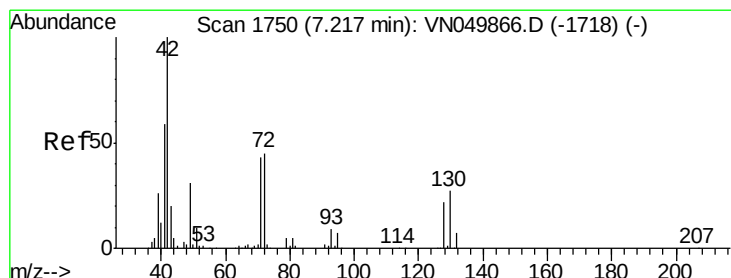
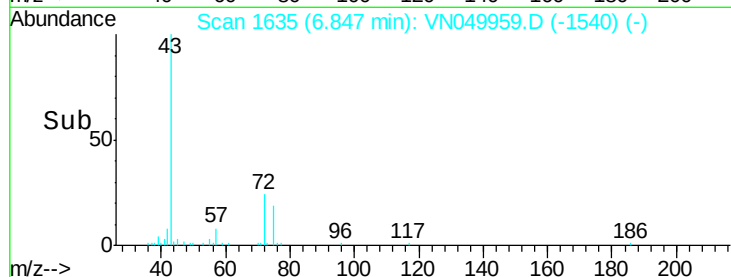
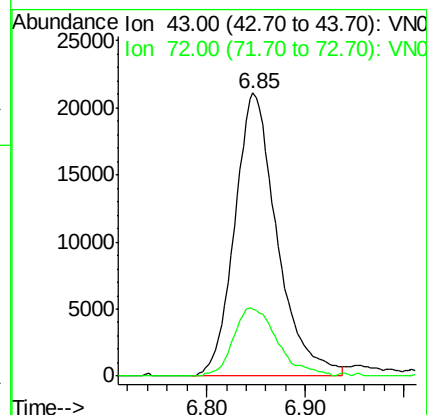
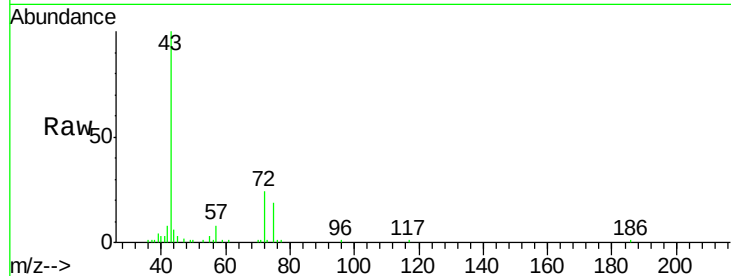
PB111289TB

Tot Ion: 43 Resp: 63131

Ion Ratio Lower Upper

43 100

72 23.8 22.1 33.1



#29

Tetrahydrofuran

Concen: 17.57 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VN049959.D

Acq: 20 Jul 2018 13:45

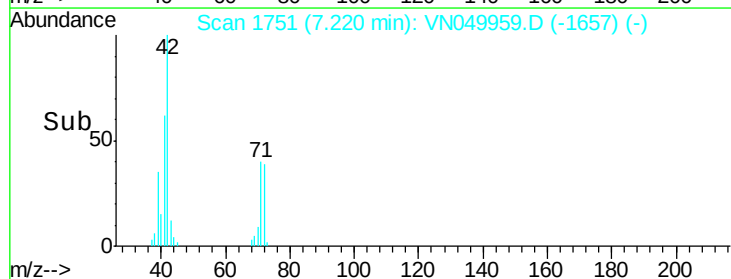
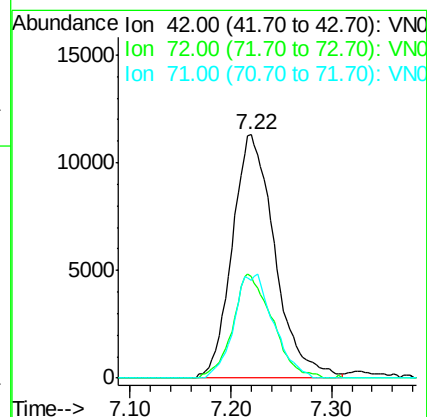
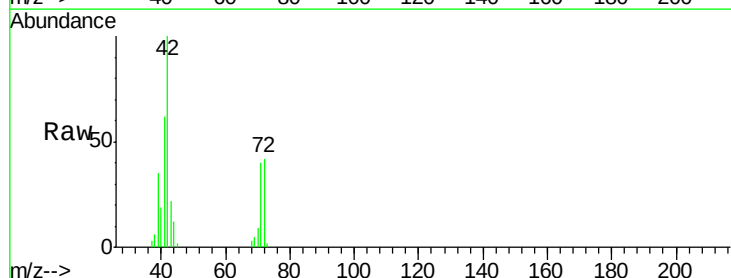
Tgt Ion: 42 Resp: 33134

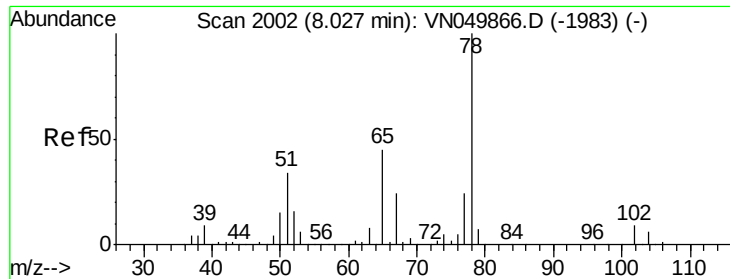
Ion Ratio Lower Upper

42 100

72 39.7 35.6 53.4

71 39.5 34.0 51.0

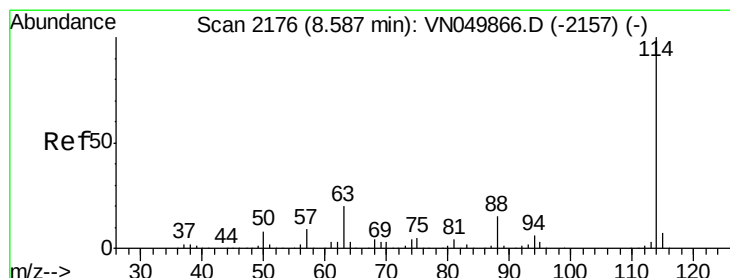
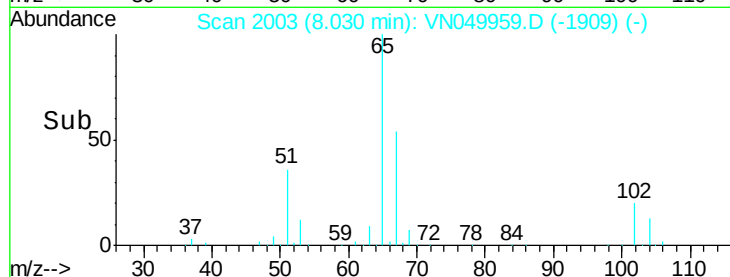
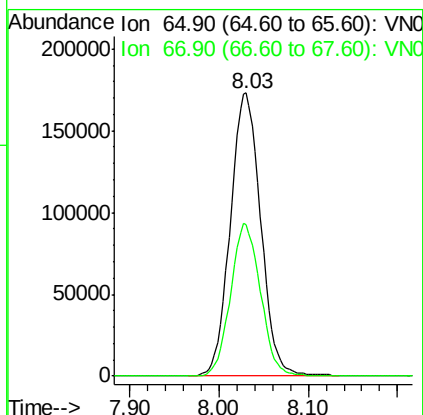
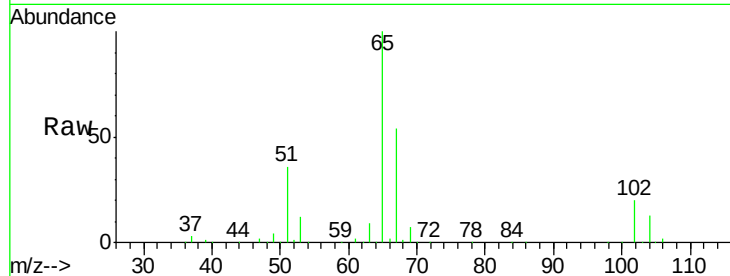




#33
 1,2-Dichloroethane-d4
 Concen: 50.58 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049959.D
 Acq: 20 Jul 2018 13:45

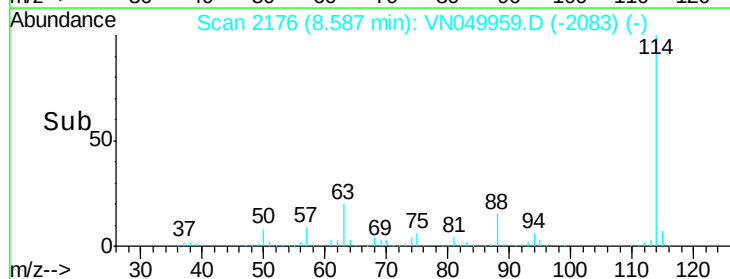
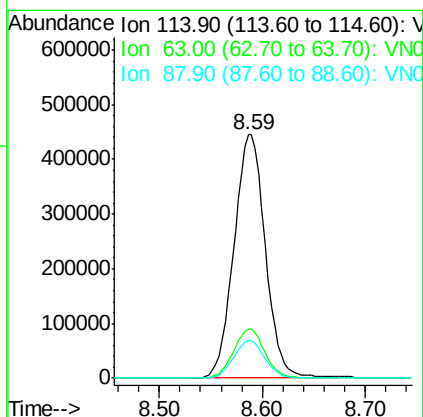
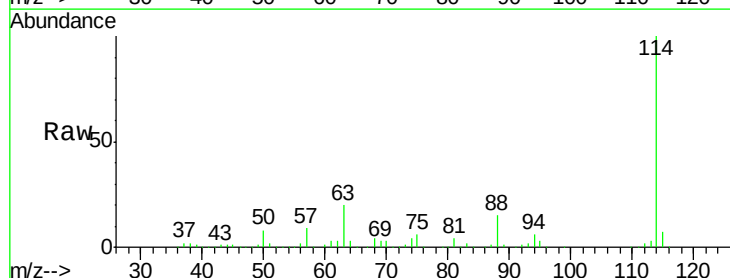
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111289TB

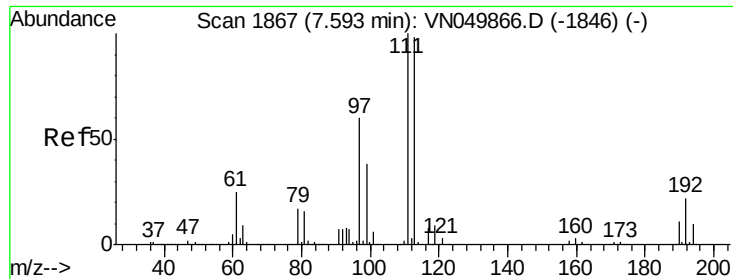
Tot Ion: 65 Resp: 409326
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049959.D
 Acq: 20 Jul 2018 13:45

Tgt Ion: 114 Resp: 942751
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.8
 88 15.4 0.0 30.6

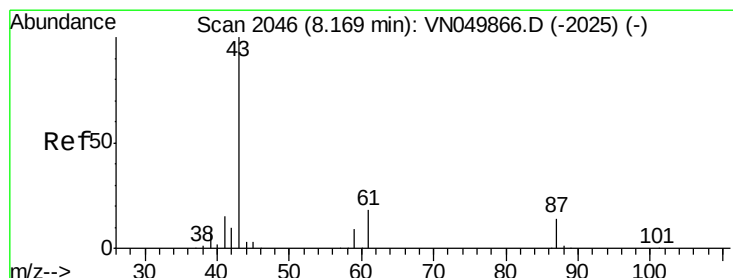
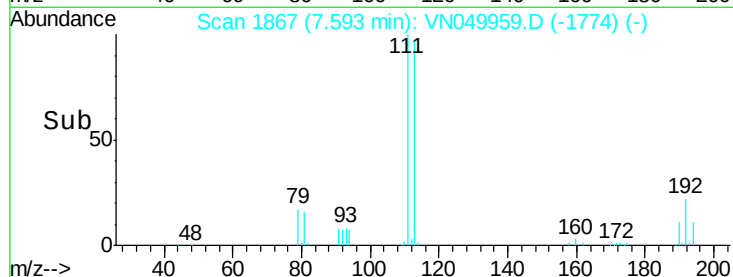
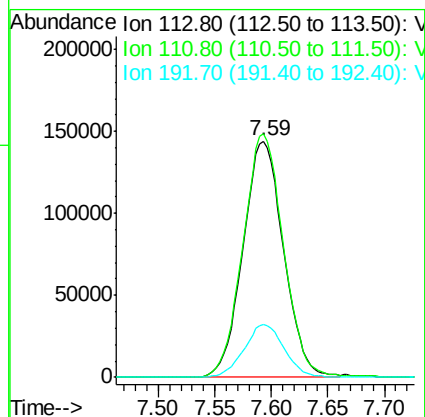
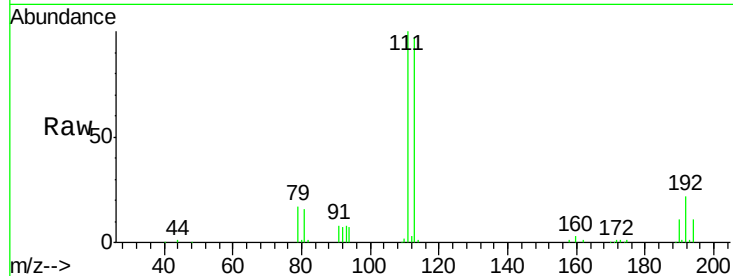




#35
 Dibromofluoromethane
 Concen: 45.43 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049959.D
 Acq: 20 Jul 2018 13:45

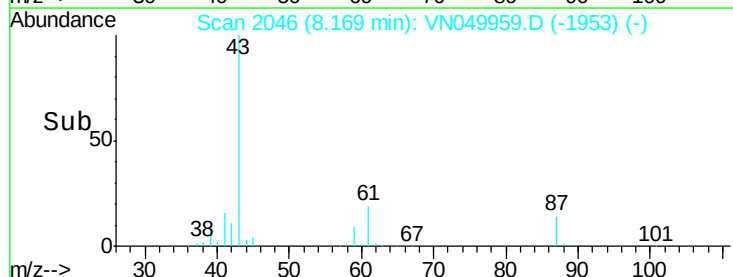
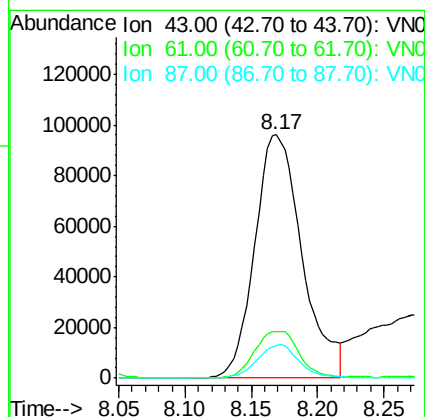
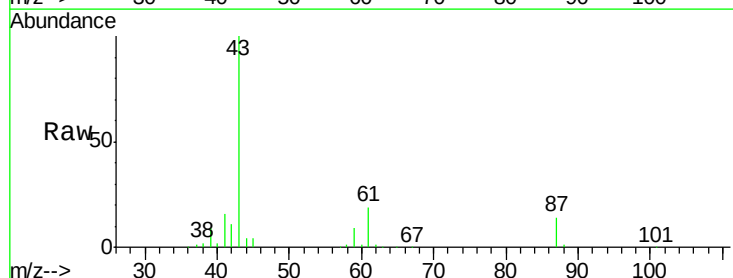
Instrument :
 MSVOA_N
 ClientSampled :
 PB111289TB

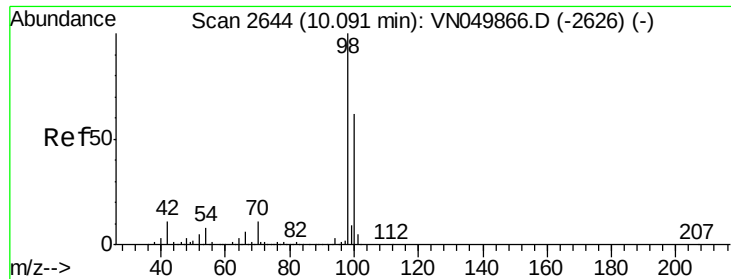
Tot Ion:113 Resp: 359582
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.8 122.8
 192 22.1 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 19.01 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: VN049959.D
 Acq: 20 Jul 2018 13:45

Tgt Ion: 43 Resp: 239069
 Ion Ratio Lower Upper
 43 100
 61 18.1 14.9 22.3
 87 12.2 10.0 15.0

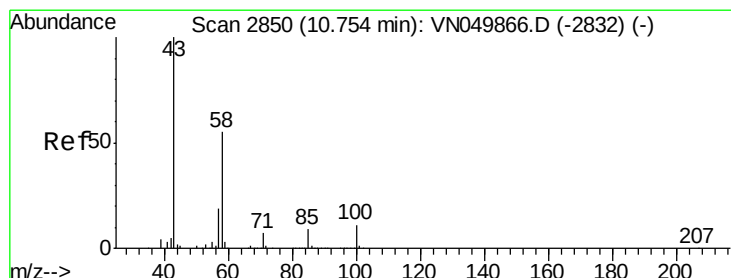
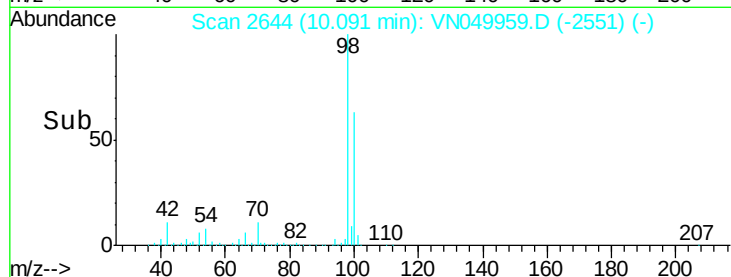
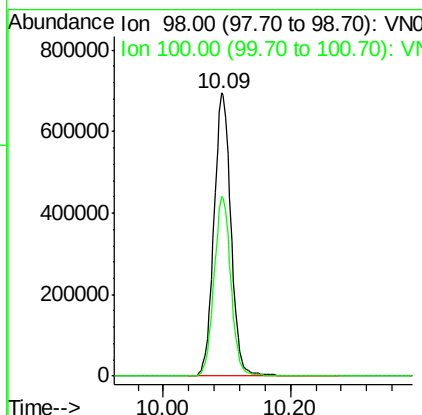
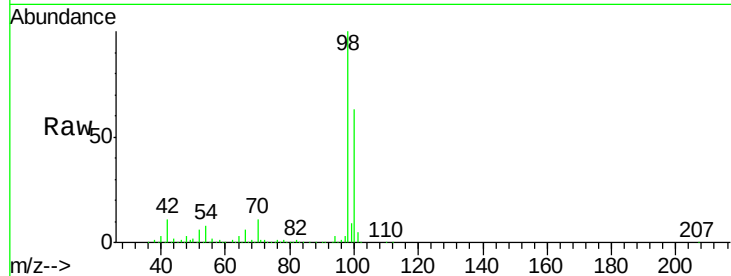




#50
Toluene-d8
Concen: 44.63 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN049959.D
Acq: 20 Jul 2018 13:45

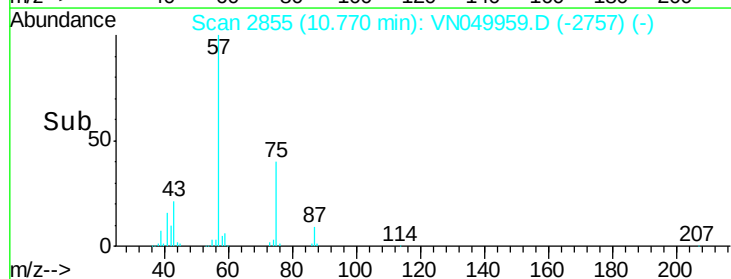
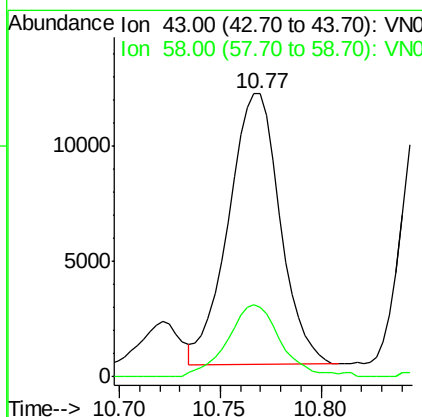
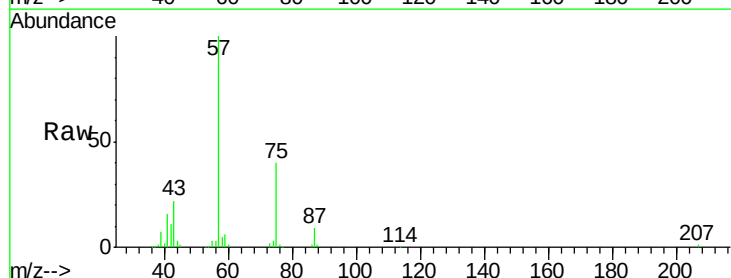
Instrument :
MSVOA_N
ClientSampled :
PB111289TB

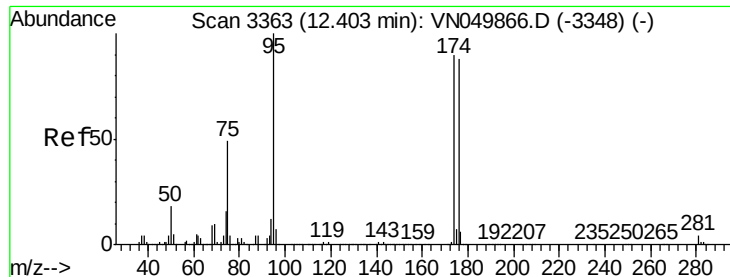
Tot Ion: 98 Resp: 1286890
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5



#59
2-Hexanone
Concen: 4.45 ug/l
RT: 10.77 min Scan# 2855
Delta R.T. 0.02 min
Lab File: VN049959.D
Acq: 20 Jul 2018 13:45

Tgt Ion: 43 Resp: 21015
Ion Ratio Lower Upper
43 100
58 27.6 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 34.62 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049959.D

Acq: 20 Jul 2018 13:45

Instrument :

MSVOA_N

ClientSampled :

PB111289TB

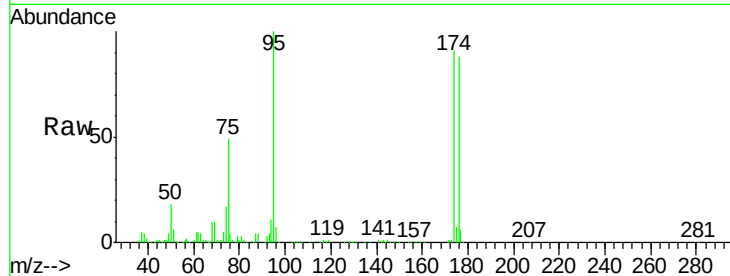
Tot Ion: 95 Resp: 343838

Ion Ratio Lower Upper

95 100

174 90.7 0.0 179.6

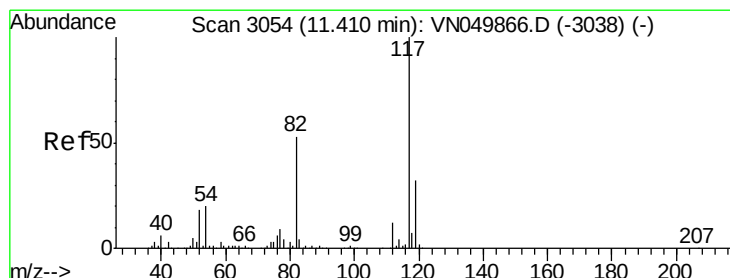
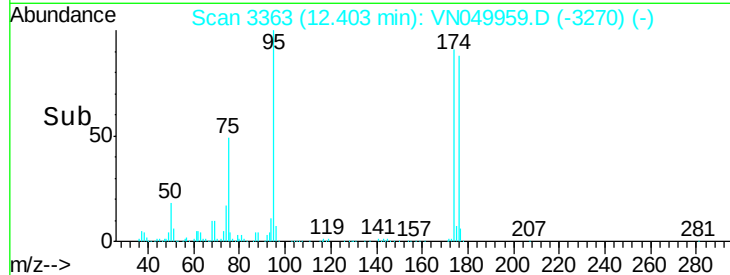
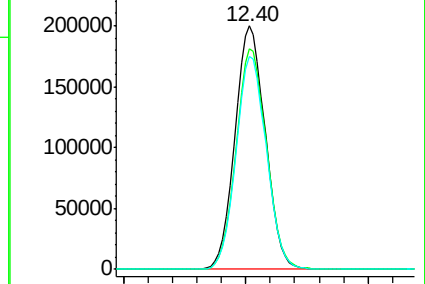
176 87.7 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049959.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049959.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049959.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049959.D

Acq: 20 Jul 2018 13:45

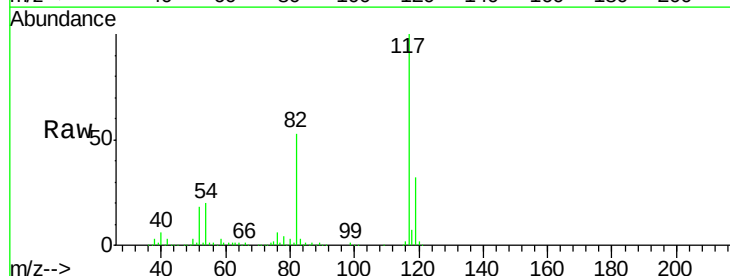
Tgt Ion: 117 Resp: 803979

Ion Ratio Lower Upper

117 100

82 53.3 41.9 62.9

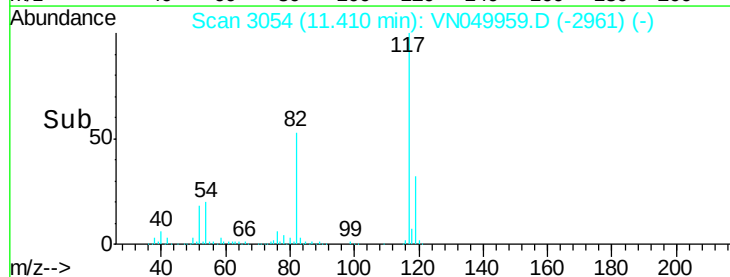
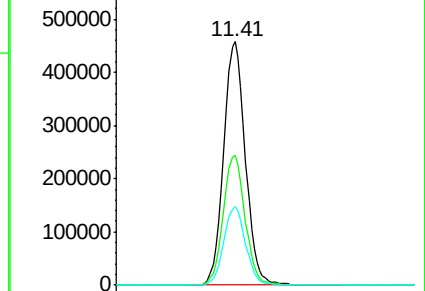
119 32.0 25.4 38.2

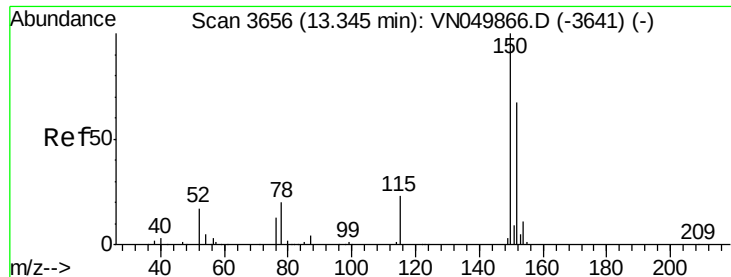


Abundance Ion 116.90 (116.60 to 117.60): VN049959.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049959.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049959.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049959.D

Acq: 20 Jul 2018 13:45

Instrument :

MSVOA_N

ClientSampleId :

PB111289TB

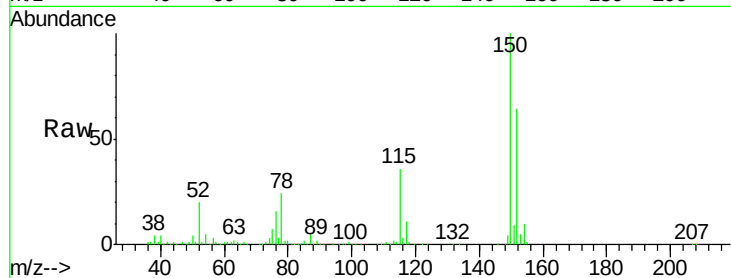
Tot Ion:152 Resp: 279226

Ion Ratio Lower Upper

152 100

115 56.3 28.1 84.2

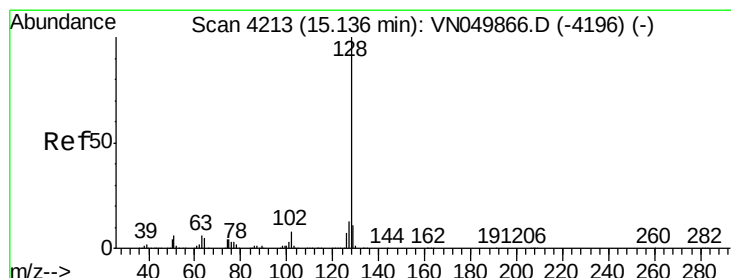
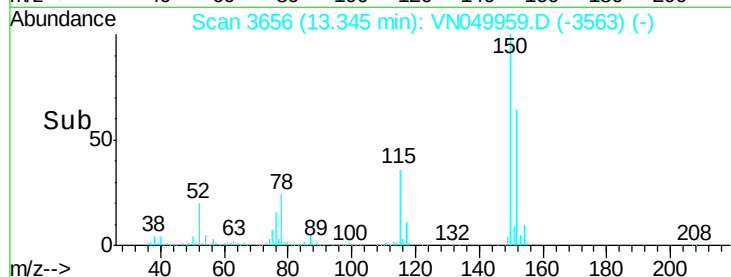
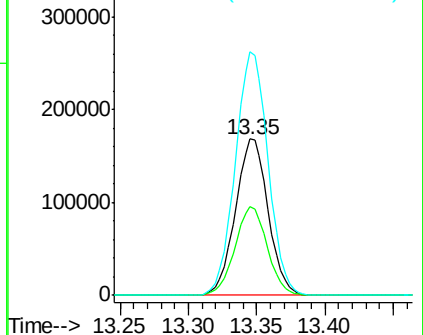
150 156.4 0.0 347.6



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



#95

Naphthalene

Concen: 5.04 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049959.D

Acq: 20 Jul 2018 13:45

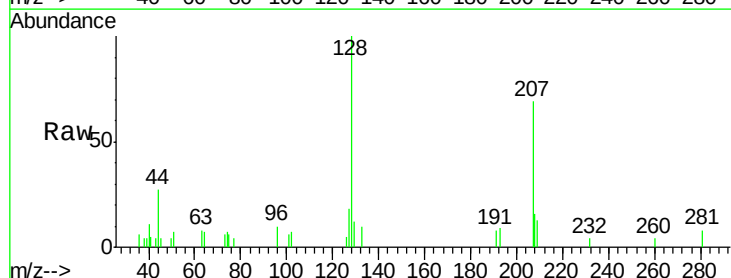
Tgt Ion:128 Resp: 7957

Ion Ratio Lower Upper

128 100

127 15.6 10.4 15.6

129 11.9 8.6 13.0



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

