

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049989.D
 Acq On : 21 Jul 2018 4:48
 Operator : MD\SY
 Sample : J4081-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200029

Quant Time: Jul 21 05:43:13 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	567855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	953794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	810695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	291353	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	413844	53.02	ug/l	0.00
Spiked Amount			Recovery	=	106.04%	
35) Dibromofluoromethane	7.59	113	364633	45.54	ug/l	0.00
Spiked Amount			Recovery	=	91.08%	
50) Toluene-d8	10.09	98	1290379	44.23	ug/l	0.00
Spiked Amount			Recovery	=	88.46%	
62) 4-Bromofluorobenzene	12.40	95	355294	35.36	ug/l	0.00
Spiked Amount			Recovery	=	70.72%	

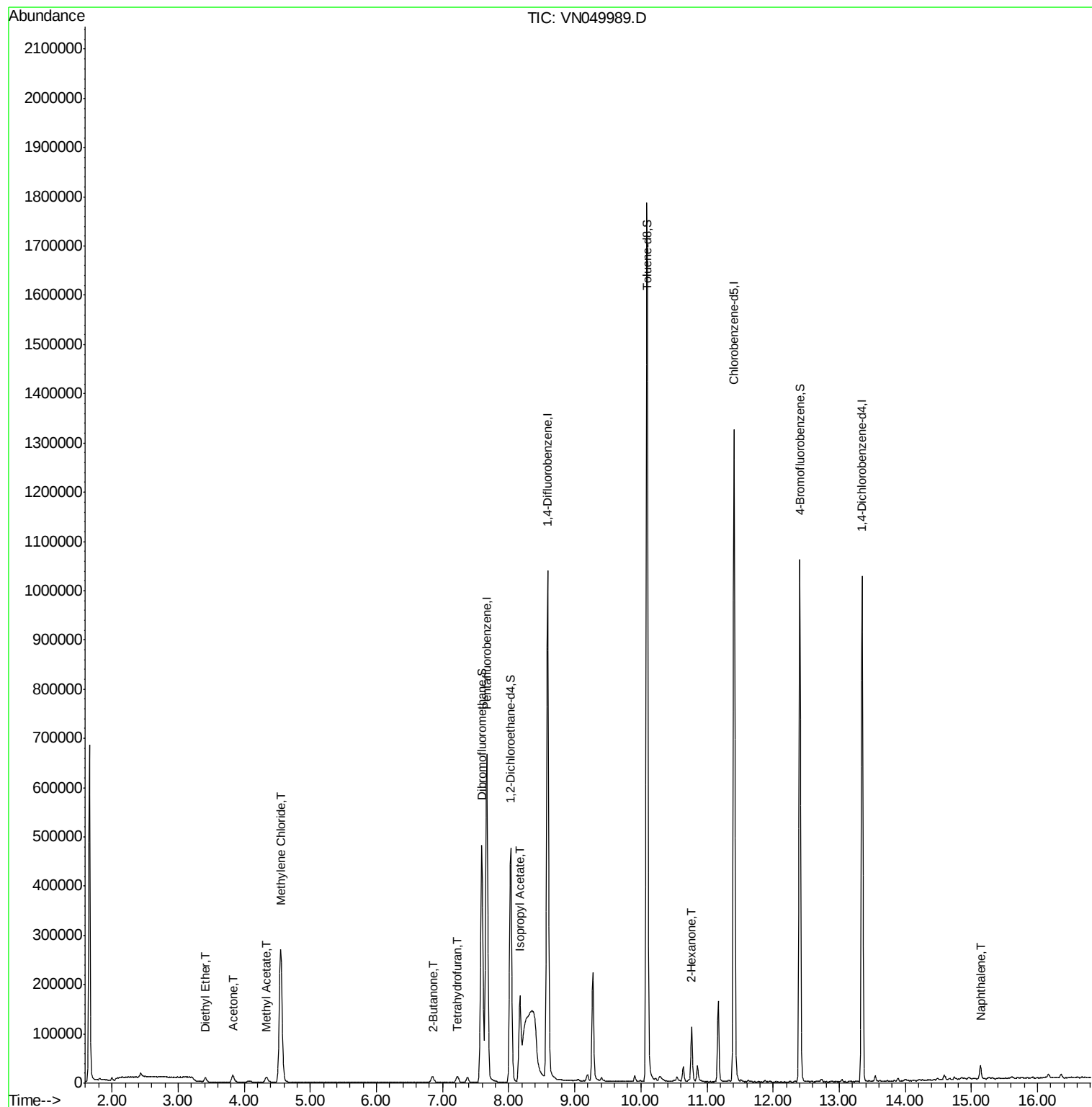
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	4122	1.04	ug/l	95
16) Acetone	3.83	43	25297	12.52	ug/l	97
18) Methyl Acetate	4.33	43	22648	2.79	ug/l	91
20) Methylene Chloride	4.55	84	209170	27.22	ug/l	98
25) 2-Butanone	6.85	43	16794	5.82	ug/l	100
29) Tetrahydrofuran	7.23	42	10493	5.77	ug/l #	88
43) Isopropyl Acetate	8.17	43	217377	17.09	ug/l	98
59) 2-Hexanone	10.77	43	15049	3.15	ug/l #	59
95) Naphthalene	15.14	128	23448	6.04	ug/l	97

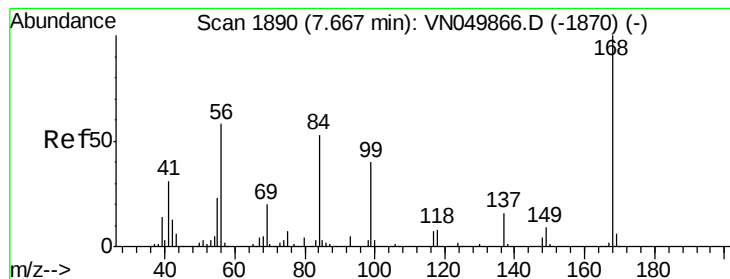
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
Data File : VN049989.D
Acq On : 21 Jul 2018 4:48
Operator : MD\SY
Sample : J4081-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RBR200029

Quant Time: Jul 21 05:43:13 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049989.D

Acq: 21 Jul 2018 4:48

Instrument :

MSVOA_N

ClientSampled :

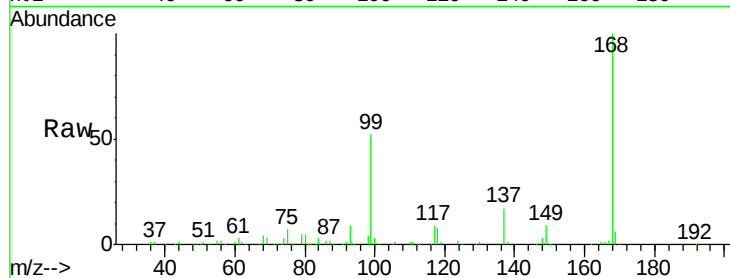
RBR200029

Tot Ion:168 Resp: 567855

Ion Ratio Lower Upper

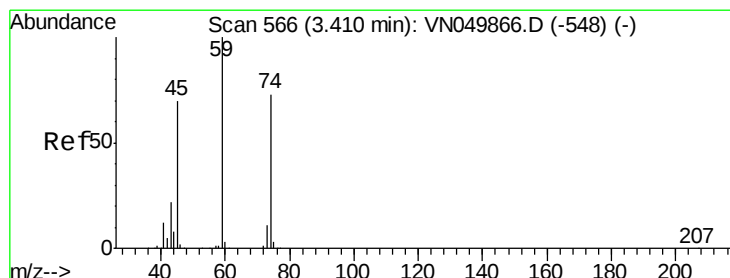
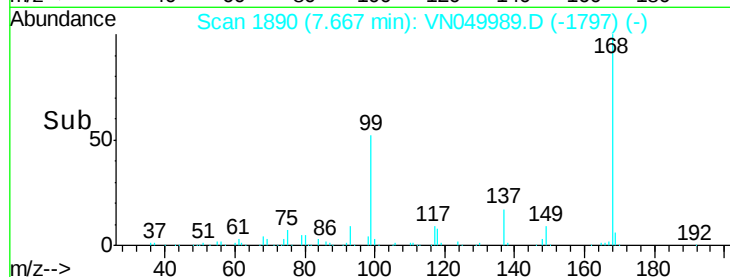
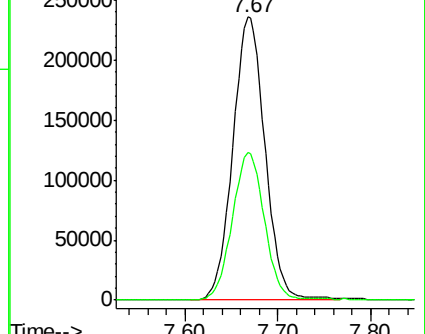
168 100

99 52.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#8

Diethyl Ether

Concen: 1.04 ug/l

RT: 3.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: VN049989.D

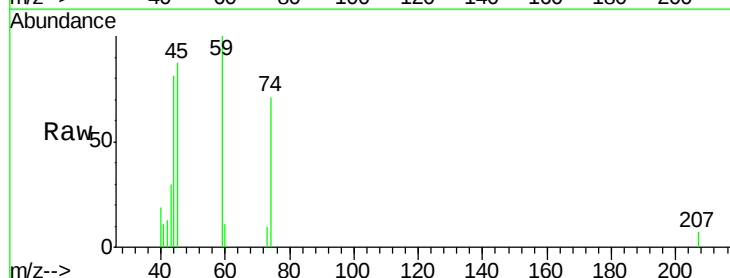
Acq: 21 Jul 2018 4:48

Tgt Ion: 74 Resp: 4122

Ion Ratio Lower Upper

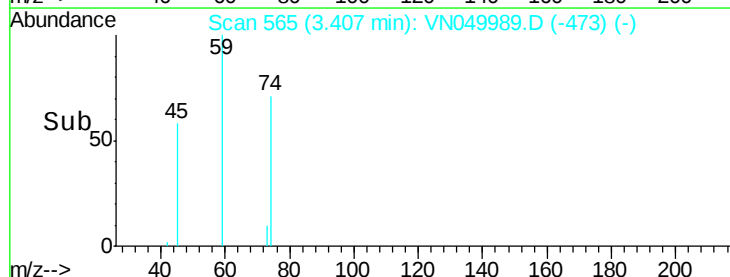
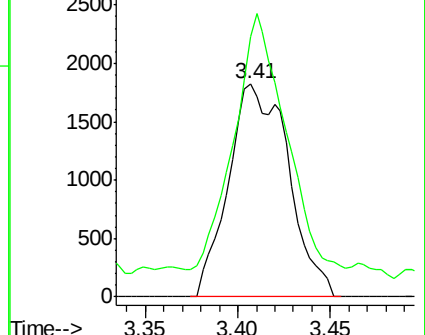
74 100

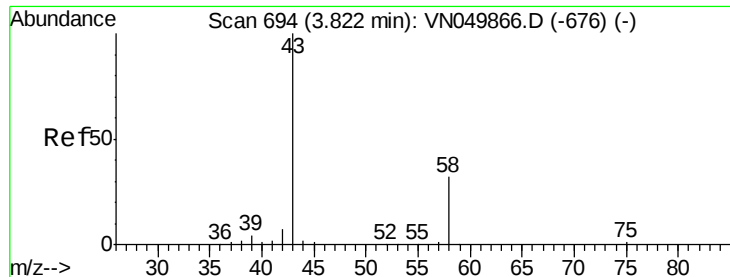
45 101.9 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0





#16

Acetone

Concen: 12.52 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049989.D

Acq: 21 Jul 2018 4:48

Instrument :

MSVOA_N

ClientSampled :

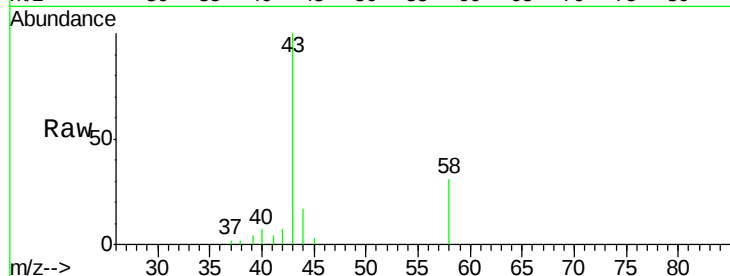
RBR200029

Tot Ion: 43 Resp: 25297

Ion Ratio Lower Upper

43 100

58 30.7 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049989.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN049989.D (-601) (-)

3.83

10000

8000

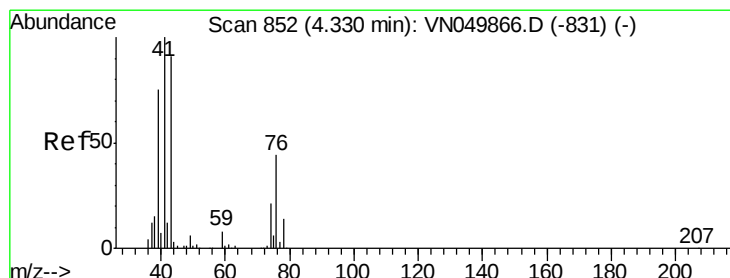
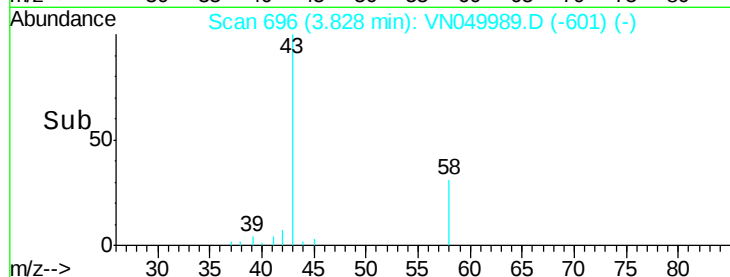
6000

4000

2000

0

Time--> 3.70 3.80 3.90



#18

Methyl Acetate

Concen: 2.79 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN049989.D

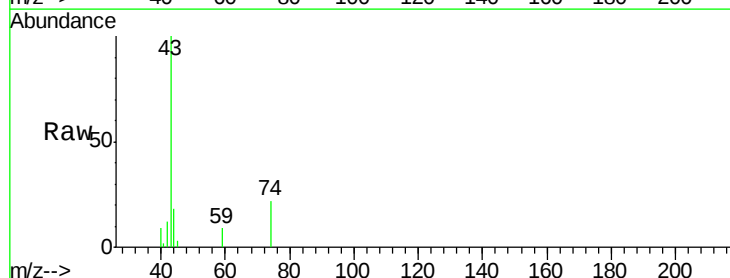
Acq: 21 Jul 2018 4:48

Tgt Ion: 43 Resp: 22648

Ion Ratio Lower Upper

43 100

74 20.5 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN049989.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN049989.D (-759) (-)

4.33

8000

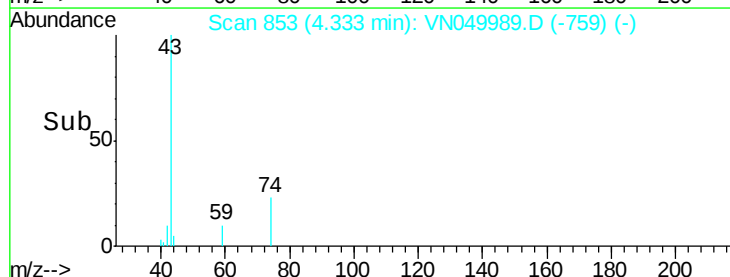
6000

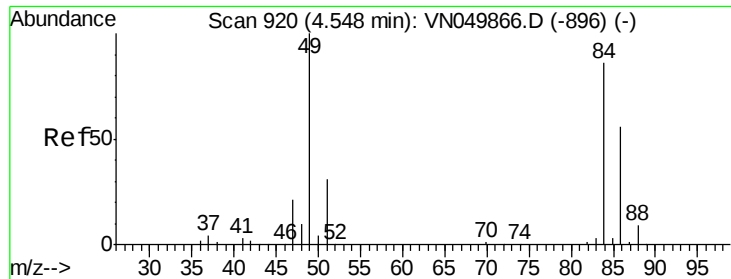
4000

2000

0

Time--> 4.20 4.30 4.40

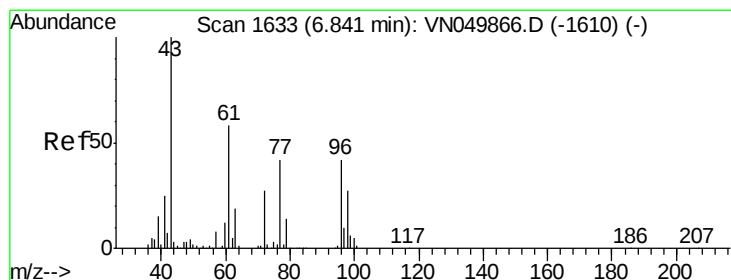
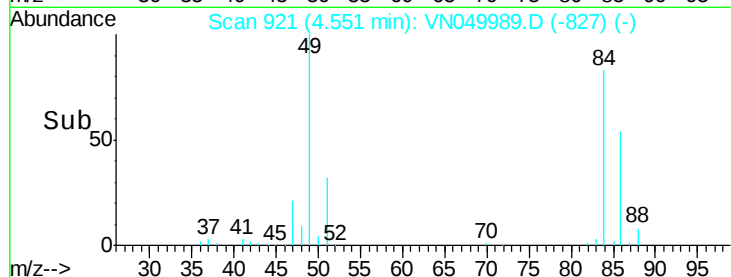
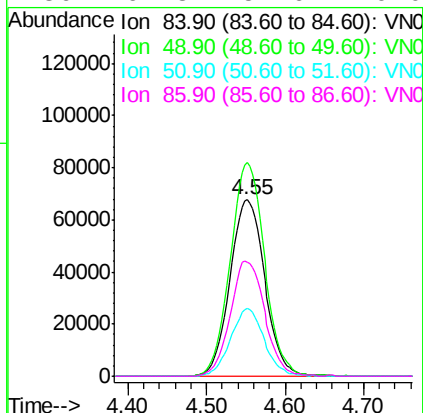
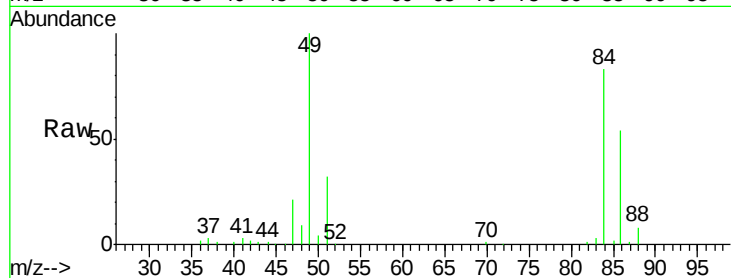




#20
Methylene Chloride
Concen: 27.22 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049989.D
Acq: 21 Jul 2018 4:48

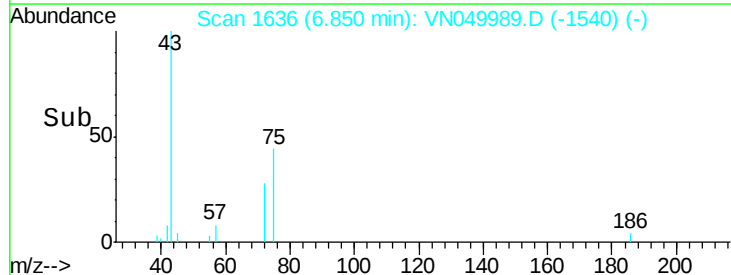
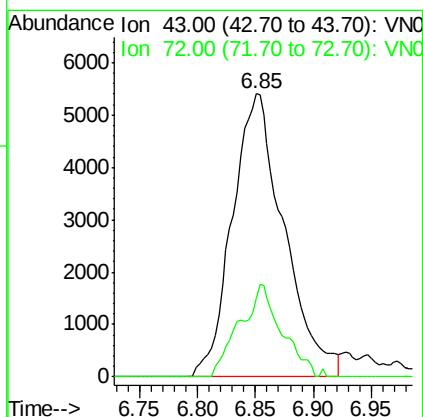
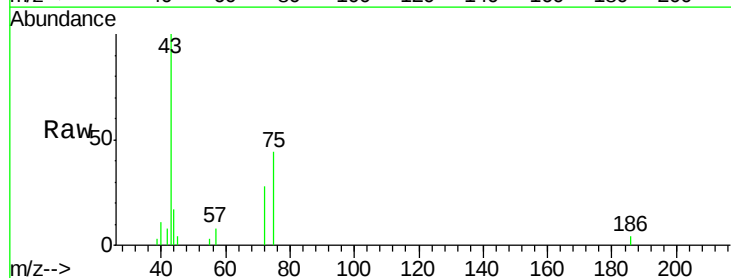
Instrument :
MSVOA_N
ClientSampled :
RBR200029

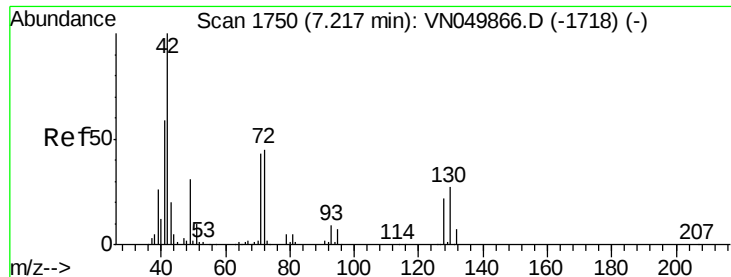
Tot Ion: 84 Resp: 209170
Ion Ratio Lower Upper
84 100
49 121.0 95.4 143.2
51 38.1 28.4 42.6
86 64.8 52.6 79.0



#25
2-Butanone
Concen: 5.82 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN049989.D
Acq: 21 Jul 2018 4:48

Tgt Ion: 43 Resp: 16794
Ion Ratio Lower Upper
43 100
72 27.7 22.1 33.1

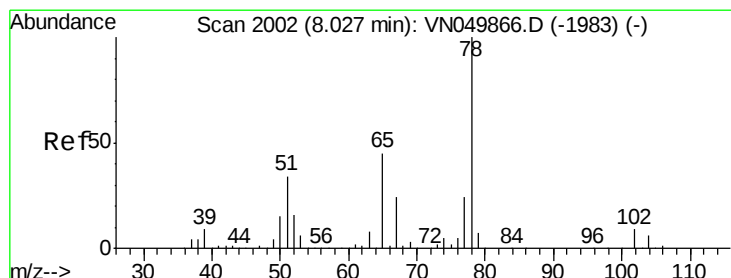
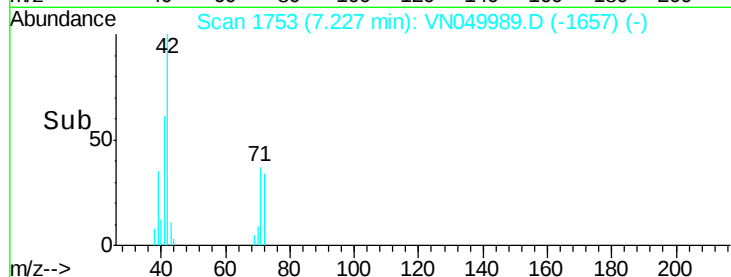
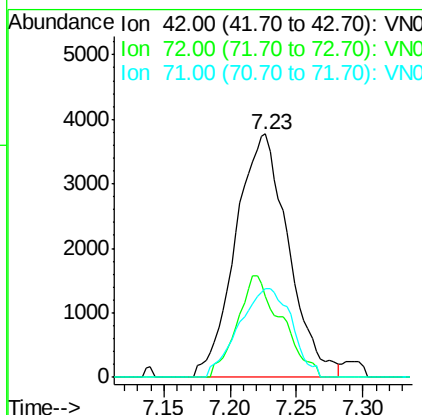
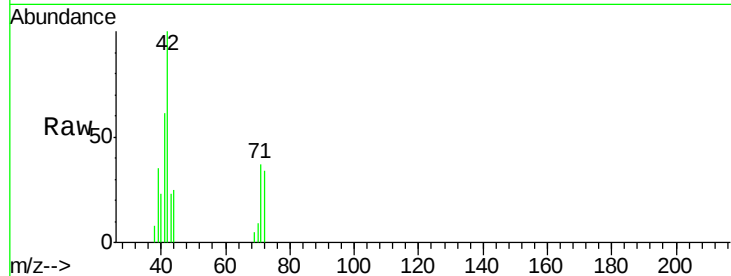




#29
Tetrahydrofuran
Concen: 5.77 ug/l
RT: 7.23 min Scan# 1753
Delta R.T. 0.01 min
Lab File: VN049989.D
Acq: 21 Jul 2018 4:48

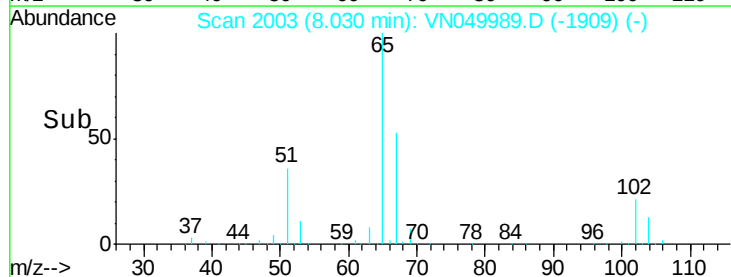
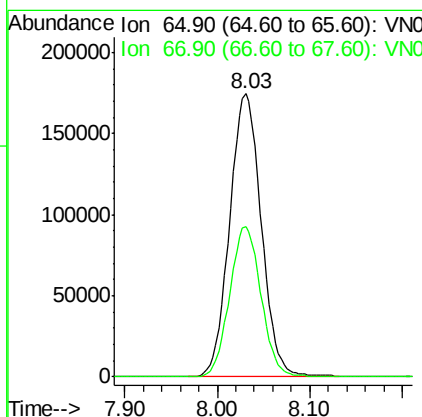
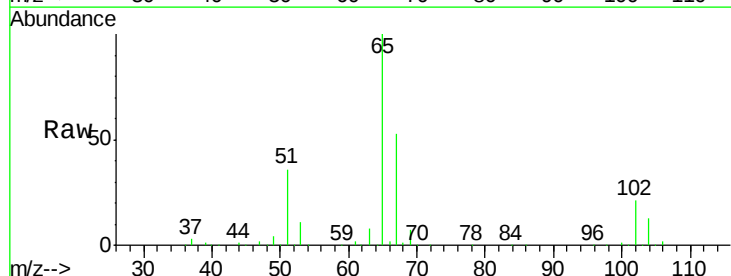
Instrument :
MSVOA_N
ClientSampleId :
RBR200029

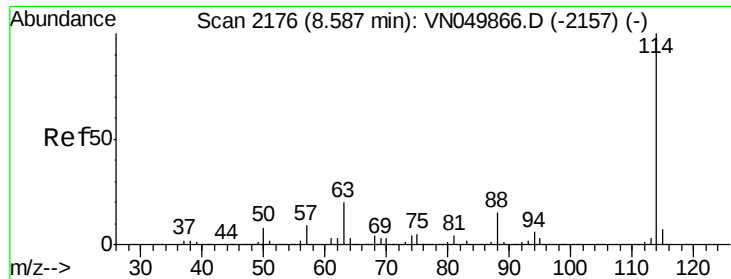
Tot Ion: 42 Resp: 10493
Ion Ratio Lower Upper
42 100
72 35.1 35.6 53.4#
71 36.5 34.0 51.0



#33
1,2-Dichloroethane-d4
Concen: 53.02 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049989.D
Acq: 21 Jul 2018 4:48

Tgt Ion: 65 Resp: 413844
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.2

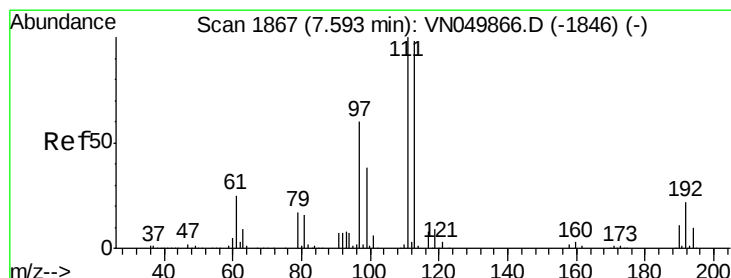
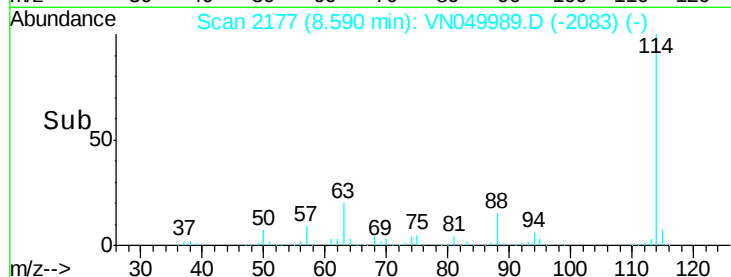
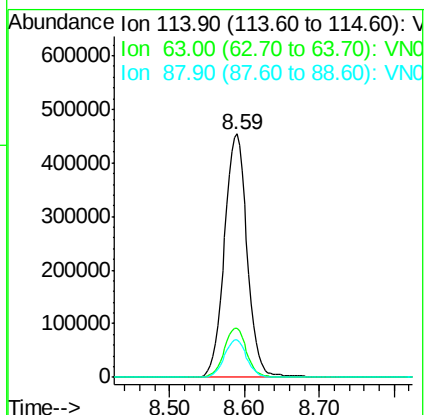
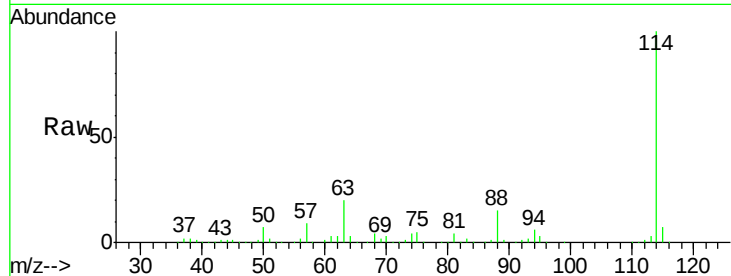




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049989.D
 Acq: 21 Jul 2018 4:48

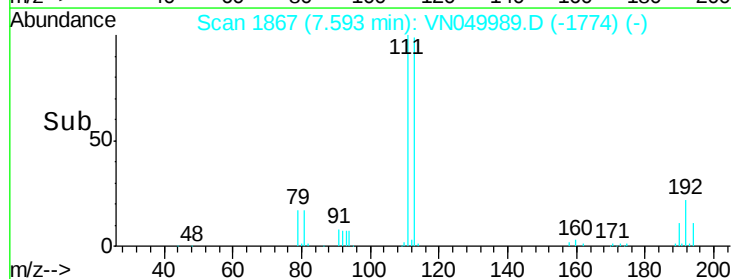
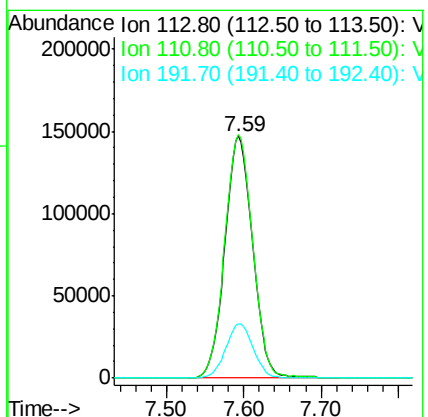
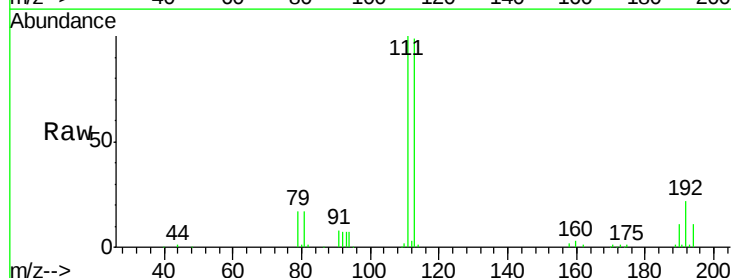
Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200029

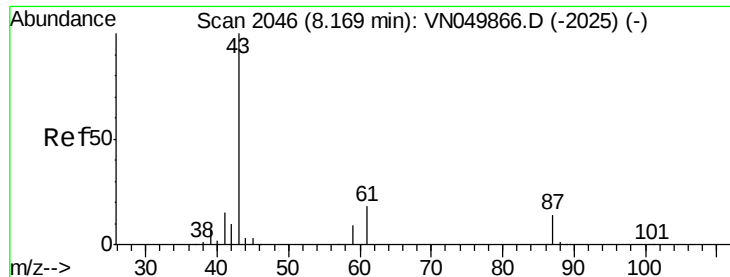
Tot Ion:114 Resp: 953794
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.8
 88 15.4 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 45.54 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049989.D
 Acq: 21 Jul 2018 4:48

Tgt Ion:113 Resp: 364633
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.8 122.8
 192 22.2 17.8 26.6





#43

Isopropyl Acetate

Concen: 17.09 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049989.D

Acq: 21 Jul 2018 4:48

Instrument :

MSVOA_N

ClientSampled :

RBR200029

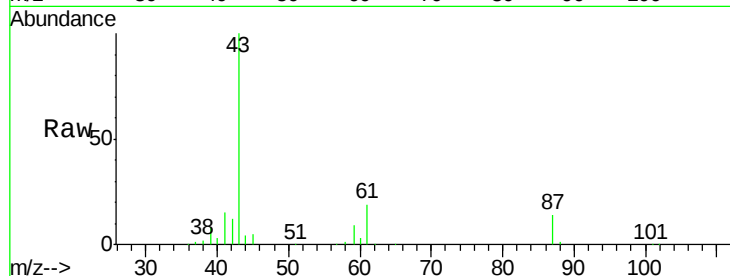
Tot Ion: 43 Resp: 217377

Ion Ratio Lower Upper

43 100

61 17.6 14.9 22.3

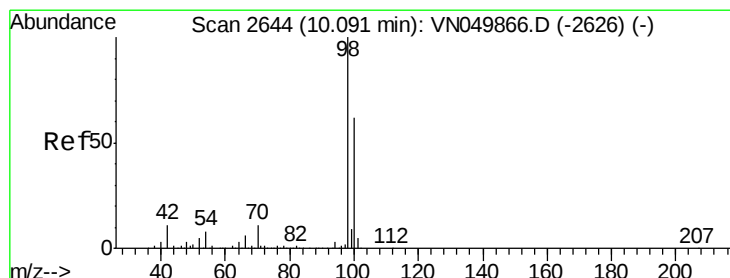
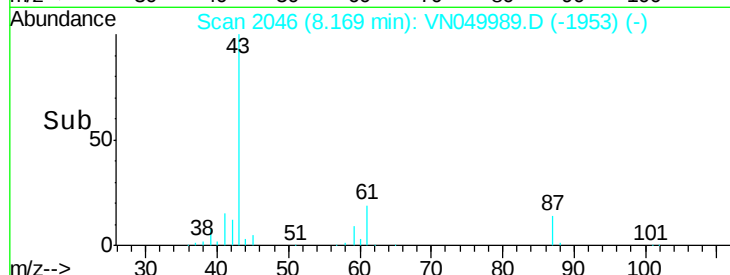
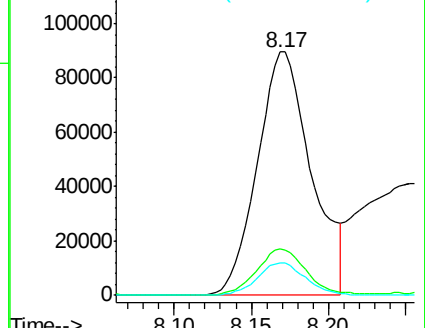
87 11.9 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VN049866.D (-2025) (-)

Ion 61.00 (60.70 to 61.70): VN049866.D (-2025) (-)

Ion 87.00 (86.70 to 87.70): VN049866.D (-2025) (-)



#50

Toluene-d8

Concen: 44.23 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049989.D

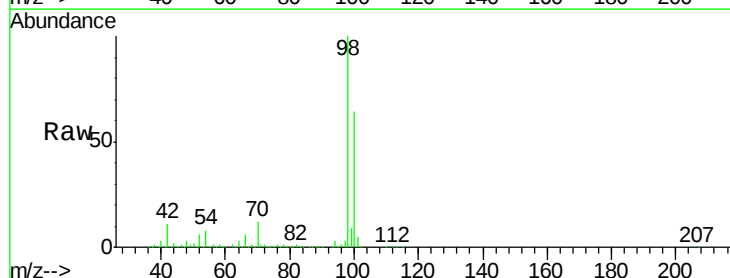
Acq: 21 Jul 2018 4:48

Tgt Ion: 98 Resp: 1290379

Ion Ratio Lower Upper

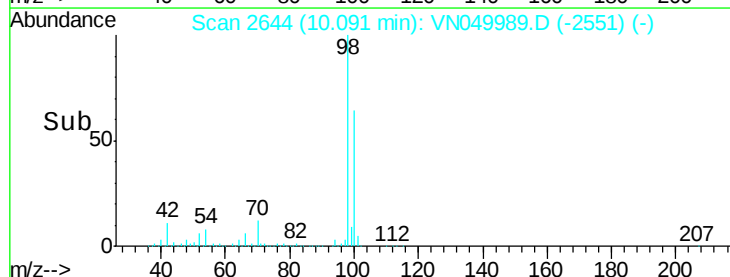
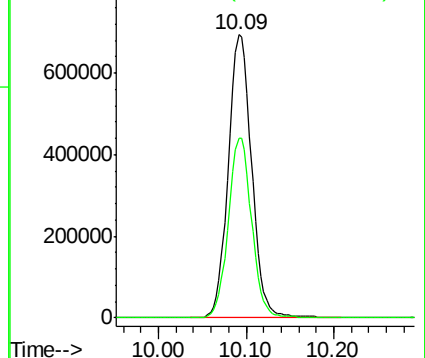
98 100

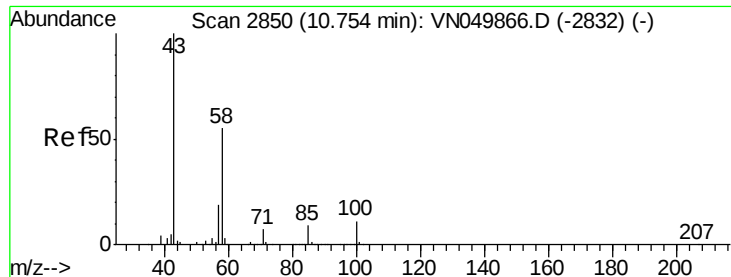
100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049866.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN049866.D (-2626) (-)





#59

2-Hexanone

Concen: 3.15 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049989.D

Acq: 21 Jul 2018 4:48

Instrument :

MSVOA_N

ClientSampled :

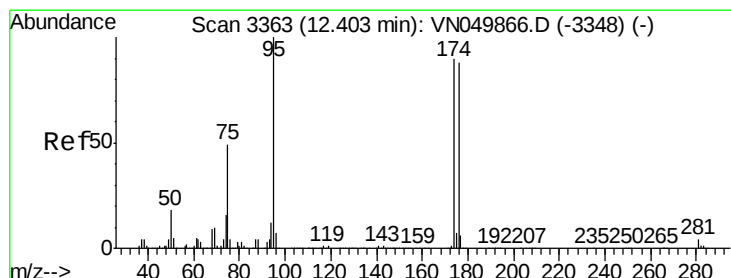
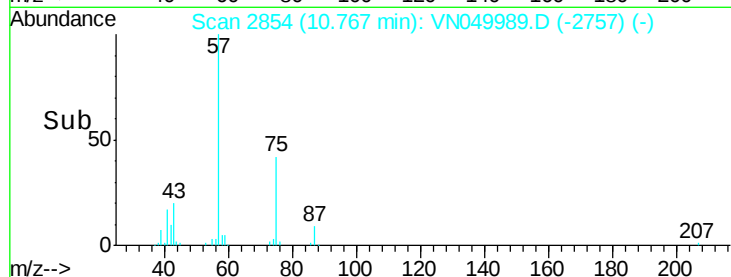
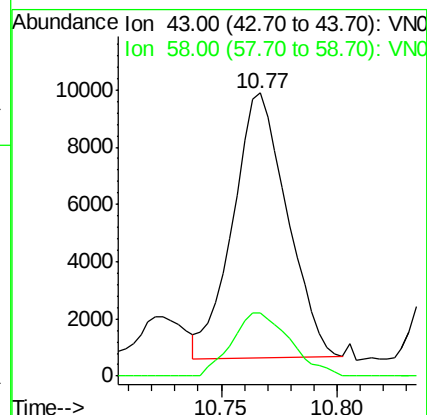
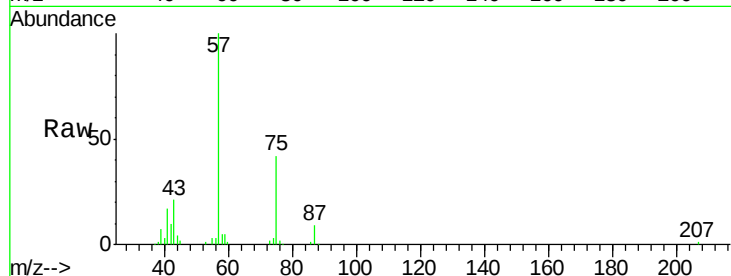
RBR200029

Tot Ion: 43 Resp: 15049

Ion Ratio Lower Upper

43 100

58 25.7 27.8 83.4#



#62

4-Bromofluorobenzene

Concen: 35.36 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049989.D

Acq: 21 Jul 2018 4:48

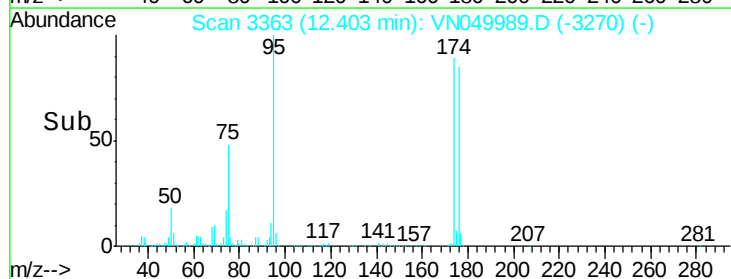
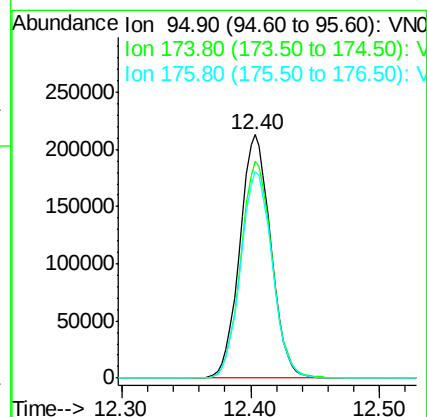
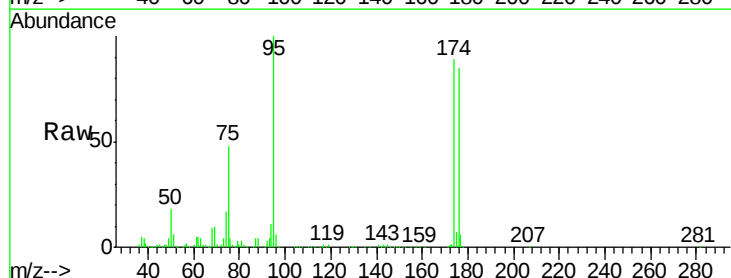
Tgt Ion: 95 Resp: 355294

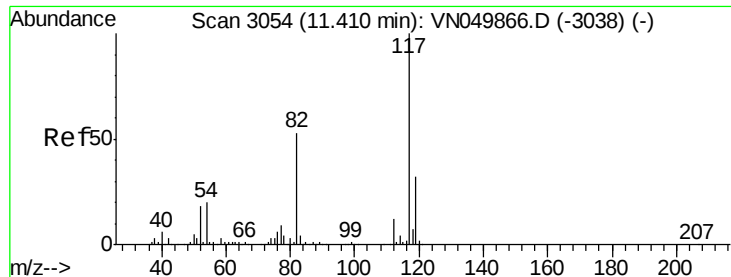
Ion Ratio Lower Upper

95 100

174 90.5 0.0 179.6

176 86.4 0.0 174.0

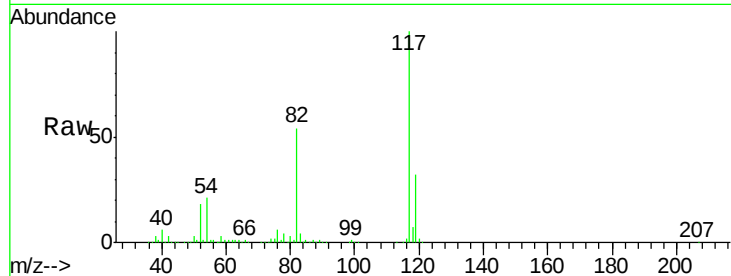




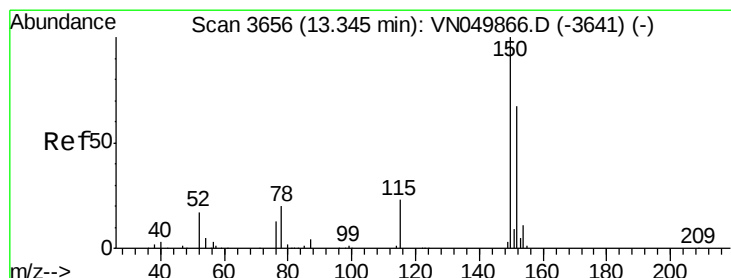
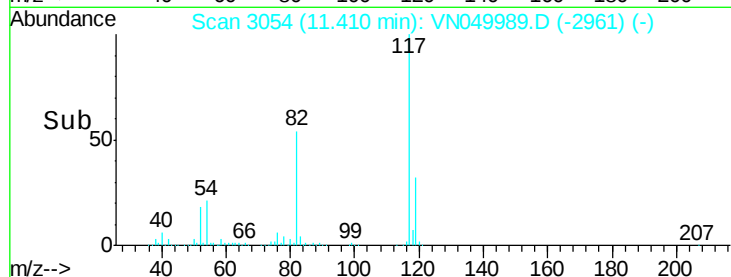
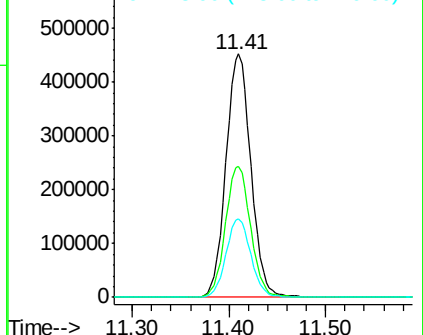
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049989.D
Acq: 21 Jul 2018 4:48

Instrument :
MSVOA_N
ClientSampleId :
RBR200029

Tot Ion:117 Resp: 810695
Ion Ratio Lower Upper
117 100
82 53.9 41.9 62.9
119 32.4 25.4 38.2

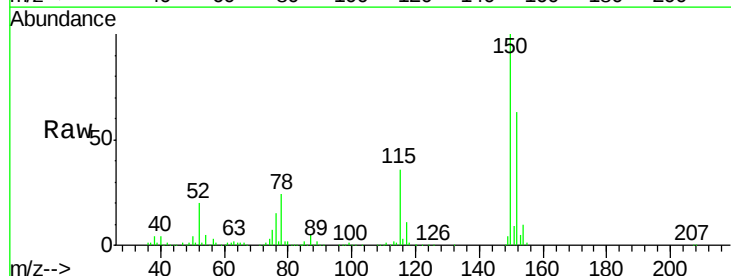


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

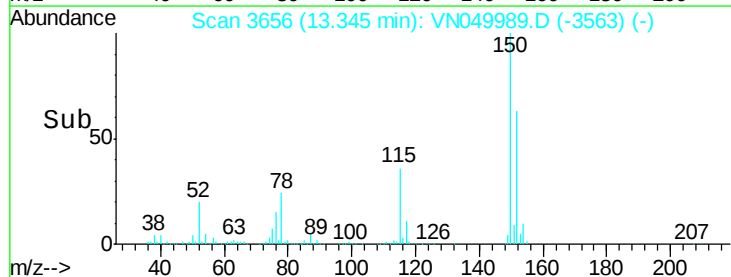
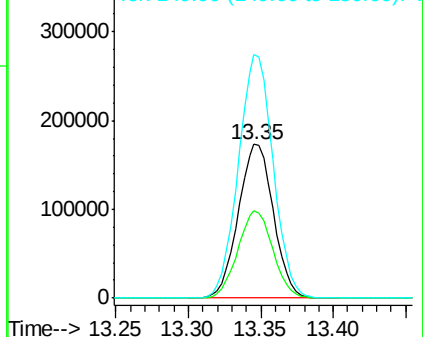


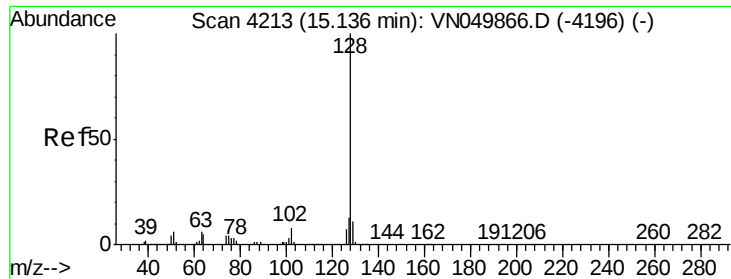
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049989.D
Acq: 21 Jul 2018 4:48

Tgt Ion:152 Resp: 291353
Ion Ratio Lower Upper
152 100
115 56.6 28.1 84.2
150 157.2 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

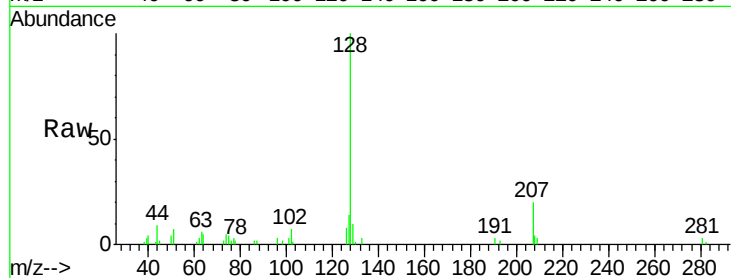




#95
Naphthalene
Concen: 6.04 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049989.D
Acq: 21 Jul 2018 4:48

Instrument :
MSVOA_N
ClientSampleId :
RBR200029

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.4	15.6
129	10.9	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

