

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082318\
 Data File : VN050853.D
 Acq On : 23 Aug 2018 15:11
 Operator : MD\SY
 Sample : J4594-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1-3-RO

Quant Time: Aug 24 04:23:10 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	584734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	973589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	839864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	300151	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	393596	55.91	ug/l	0.00
Spiked Amount			Recovery	=	111.82%	
35) Dibromofluoromethane	7.59	113	367016	47.38	ug/l	0.00
Spiked Amount			Recovery	=	94.76%	
50) Toluene-d8	10.09	98	1335675	46.12	ug/l	0.00
Spiked Amount			Recovery	=	92.24%	
62) 4-Bromofluorobenzene	12.40	95	371411	38.60	ug/l	0.00
Spiked Amount			Recovery	=	77.20%	

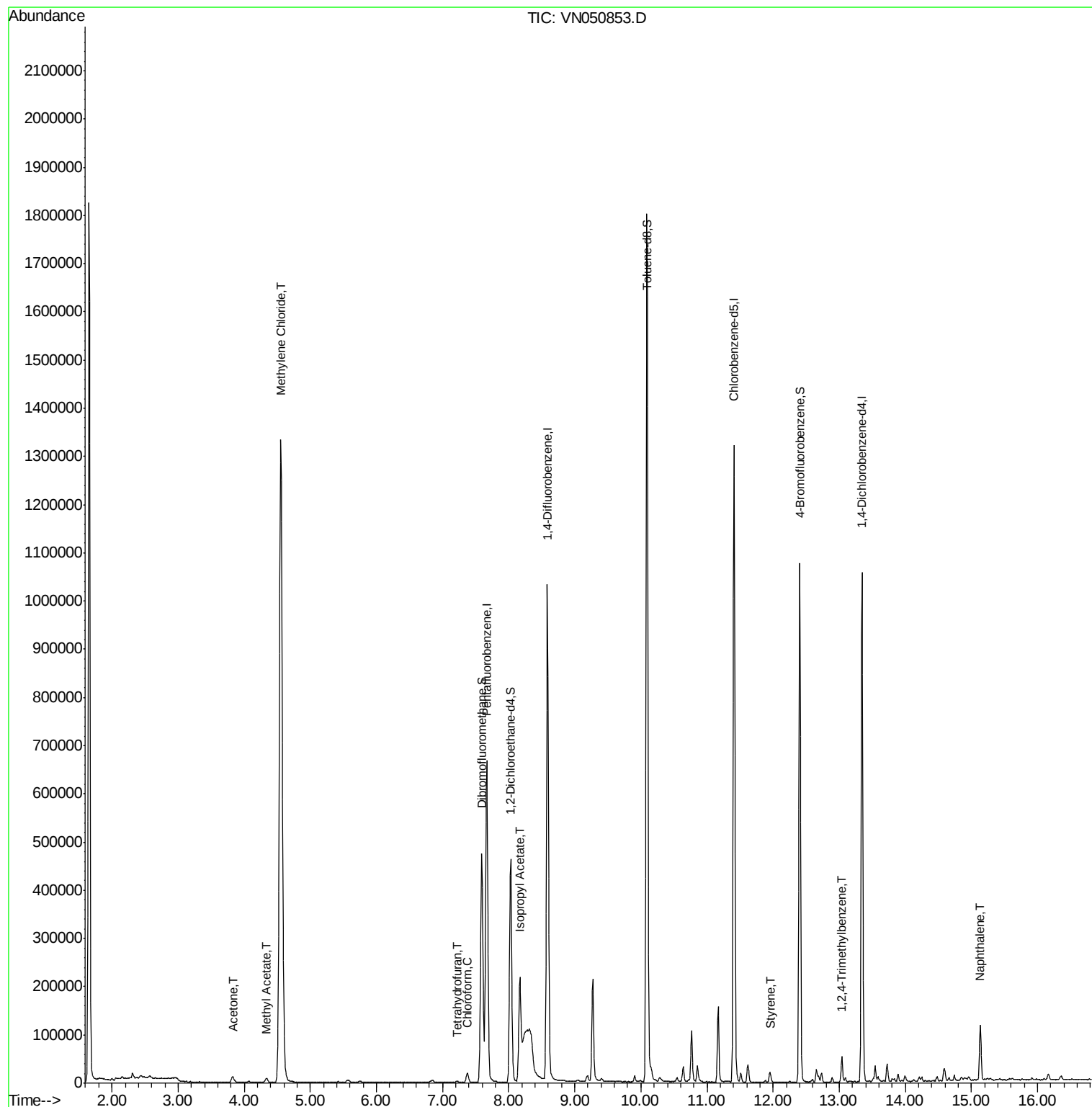
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	22977	6.92	ug/l	98
18) Methyl Acetate	4.34	43	16131	2.43	ug/l	94
20) Methylene Chloride	4.55	84	1074362	135.42	ug/l	98
29) Tetrahydrofuran	7.22	42	1951	1.20	ug/l #	66
30) Chloroform	7.37	83	22200	1.71	ug/l	96
43) Isopropyl Acetate	8.17	43	274214	24.17	ug/l	93
70) Styrene	11.97	104	4509	1.46	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	28932	1.43	ug/l	98
95) Naphthalene	15.13	128	102470	13.02	ug/l	99

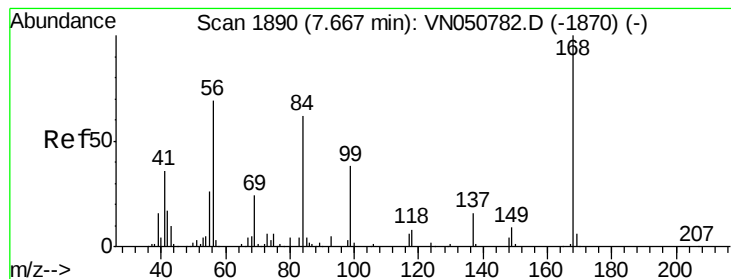
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

Instrument :

MSVOA_N

ClientSampled :

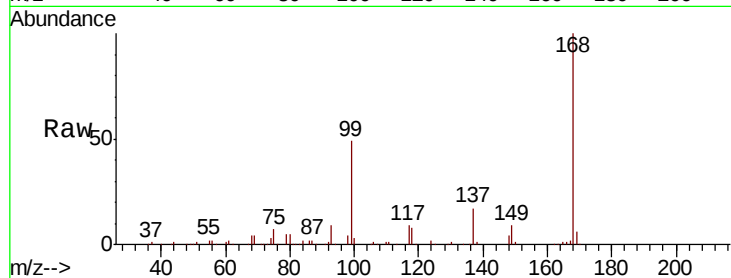
1-3-RO

Tot Ion:168 Resp: 584734

Ion Ratio Lower Upper

168 100

99 48.9 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050853.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050853.D (-1797) (-)

7.67

250000

200000

150000

100000

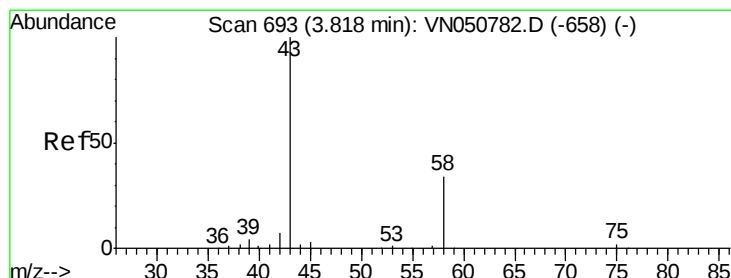
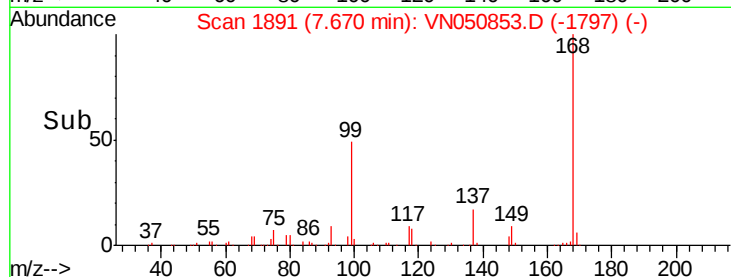
50000

0

7.60

7.70

Time-->



#16

Acetone

Concen: 6.92 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050853.D

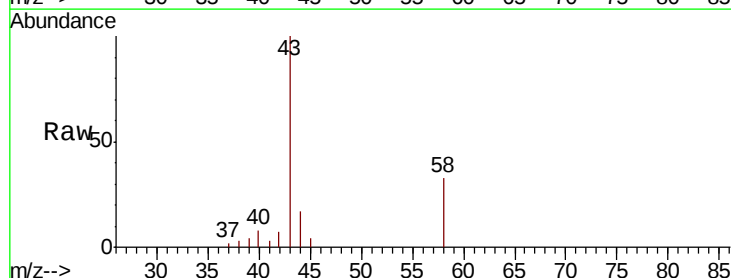
Acq: 23 Aug 2018 15:11

Tgt Ion: 43 Resp: 22977

Ion Ratio Lower Upper

43 100

58 32.9 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN050853.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050853.D (-600) (-)

3.82

8000

6000

4000

2000

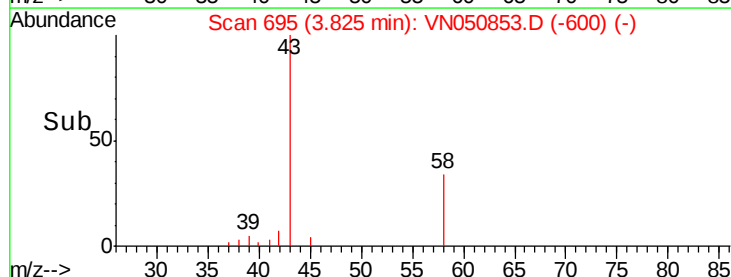
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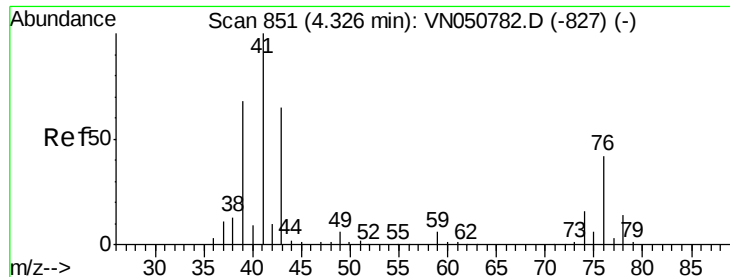
3.70

3.80

3.90

Time-->

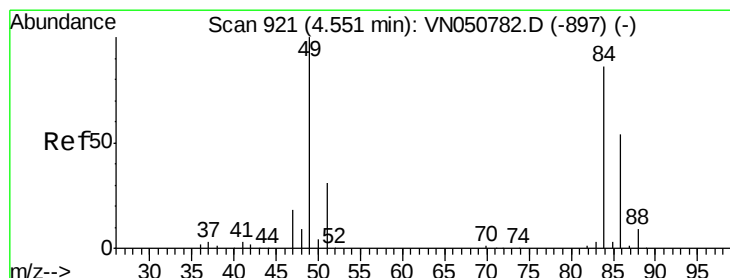
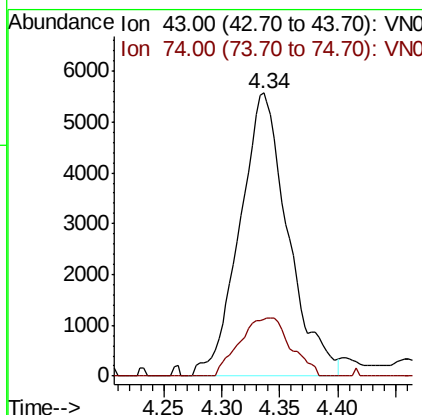
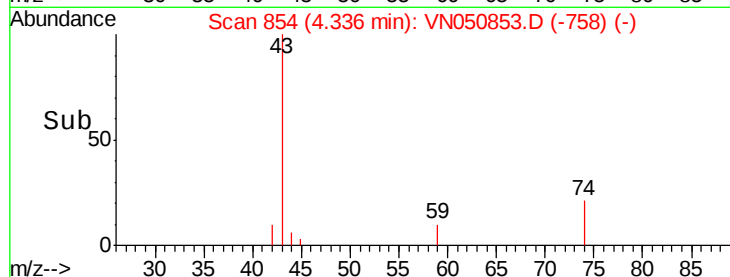
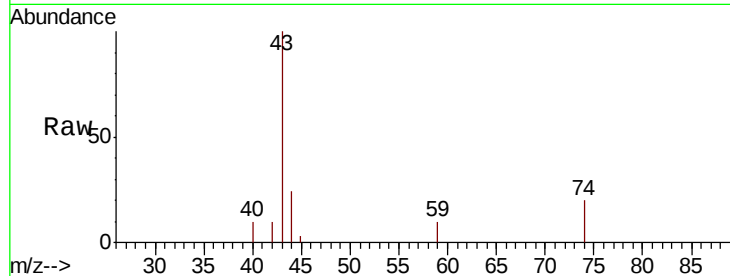




#18
Methyl Acetate
Concen: 2.43 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050853.D
Acq: 23 Aug 2018 15:11

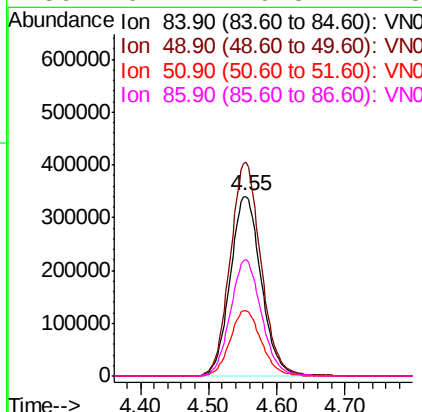
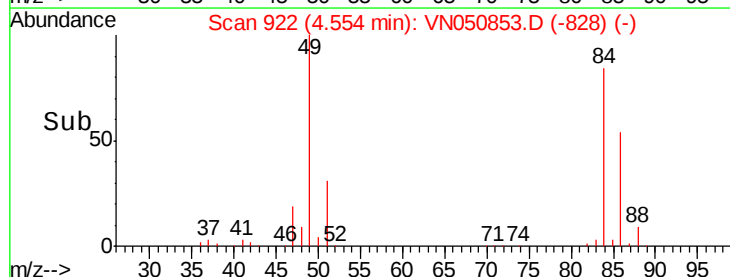
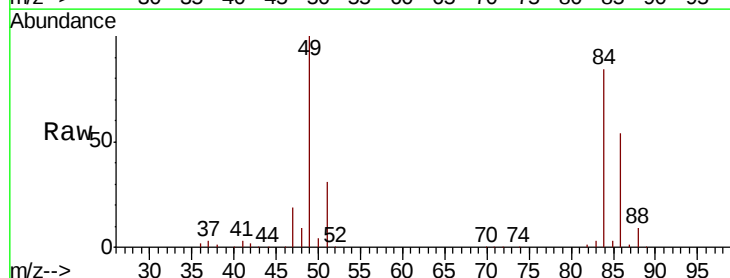
Instrument :
MSVOA_N
ClientSampleId :
1-3-RO

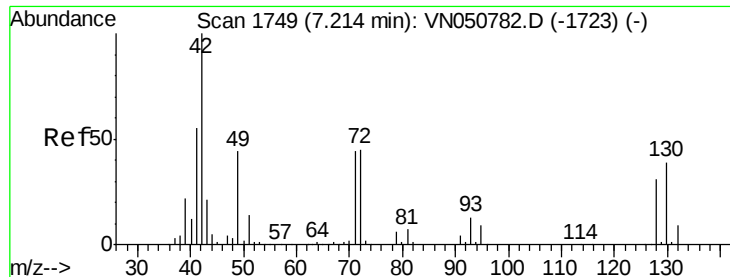
Tot Ion: 43 Resp: 16131
Ion Ratio Lower Upper
43 100
74 21.8 19.8 29.8



#20
Methylene Chloride
Concen: 135.42 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050853.D
Acq: 23 Aug 2018 15:11

Tgt Ion: 84 Resp: 1074362
Ion Ratio Lower Upper
84 100
49 118.9 93.2 139.8
51 36.6 29.0 43.6
86 64.7 49.8 74.8





#29

Tetrahydrofuran

Concen: 1.20 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

Instrument :

MSVOA_N

ClientSampled :

1-3-RO

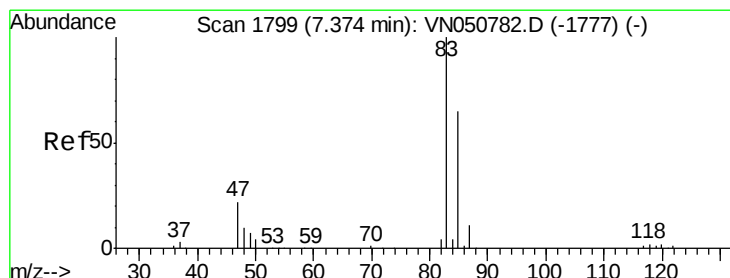
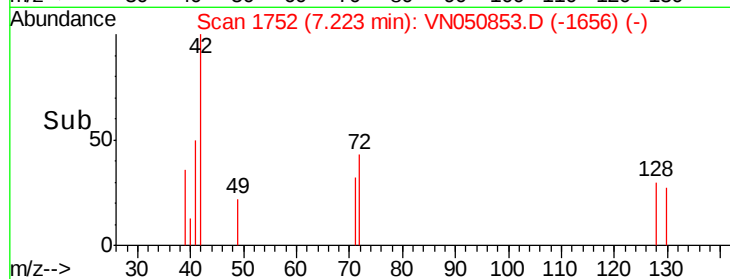
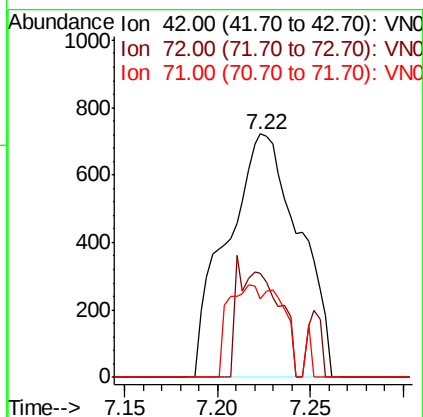
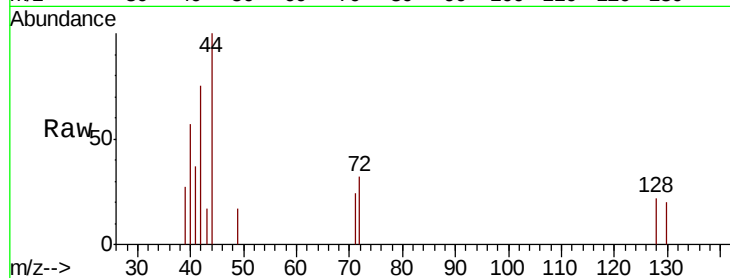
Tot Ion: 42 Resp: 1951

Ion Ratio Lower Upper

42 100

72 26.2 35.5 53.3#

71 17.0 33.7 50.5#



#30

Chloroform

Concen: 1.71 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN050853.D

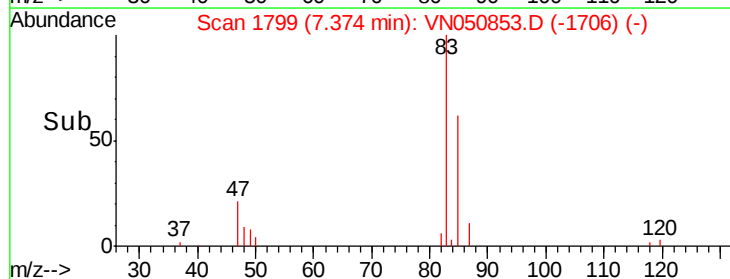
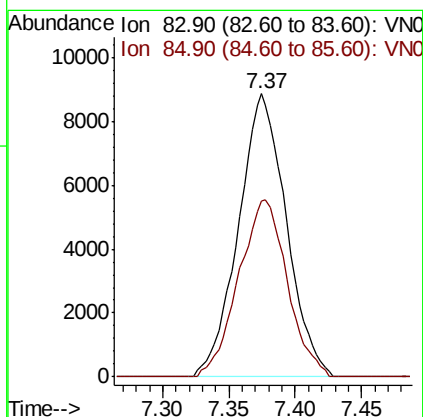
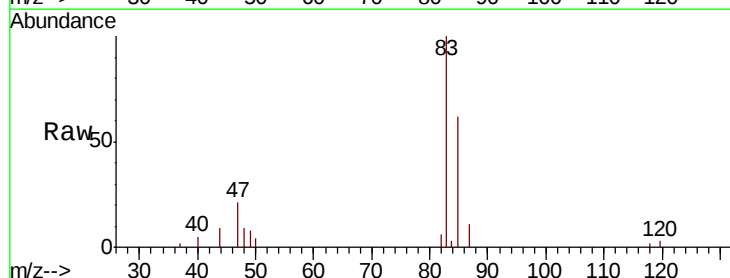
Acq: 23 Aug 2018 15:11

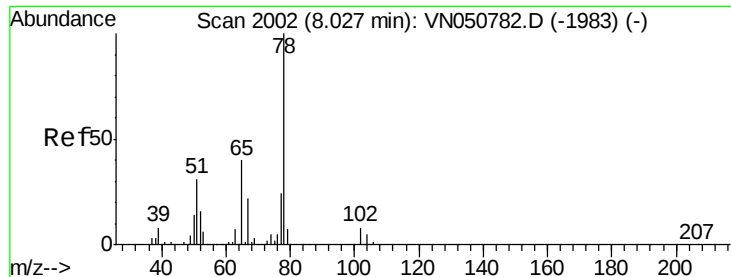
Tgt Ion: 83 Resp: 22200

Ion Ratio Lower Upper

83 100

85 62.2 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 55.91 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

Instrument :

MSVOA_N

ClientSampleId :

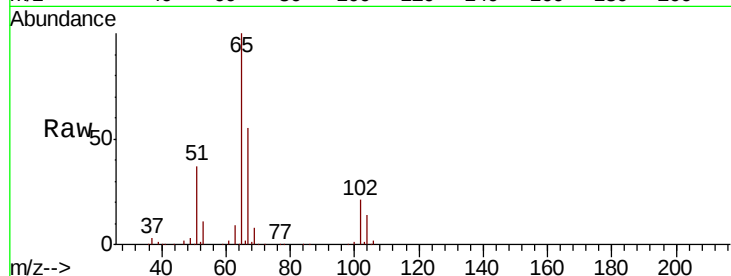
1-3-RO

Tot Ion: 65 Resp: 393596

Ion Ratio Lower Upper

65 100

67 54.3 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN050853.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN050853.D (-1909) (-)

8.03

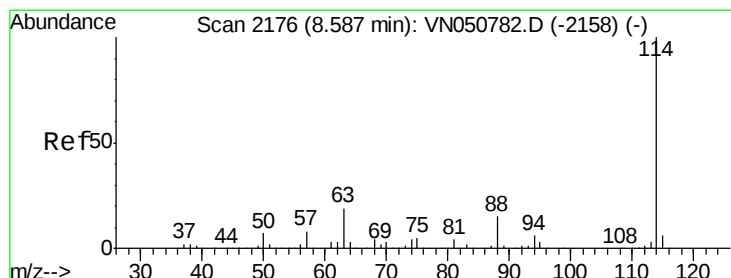
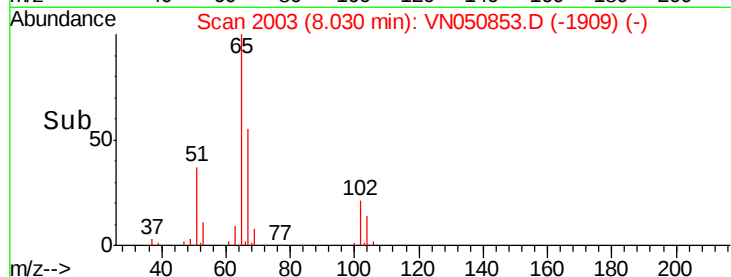
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

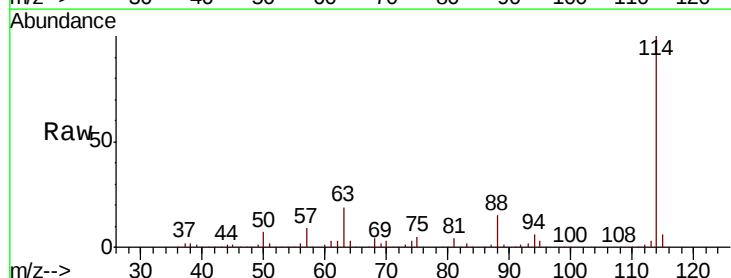
Tgt Ion:114 Resp: 973589

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

88 15.2 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN050853.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN050853.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN050853.D (-2083) (-)

8.59

600000

500000

400000

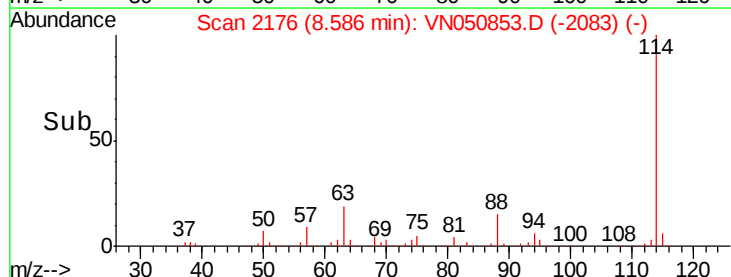
300000

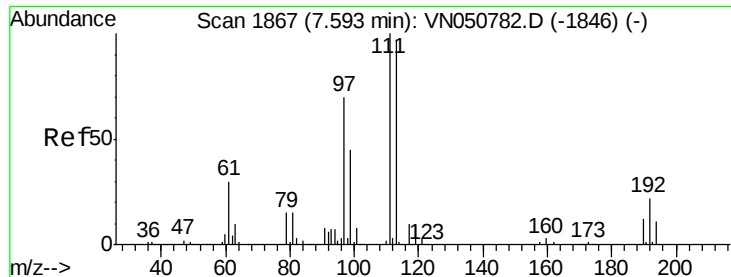
200000

100000

0

Time--> 8.50 8.60 8.70 8.80

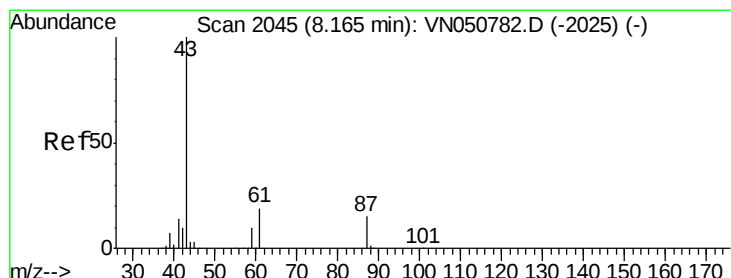
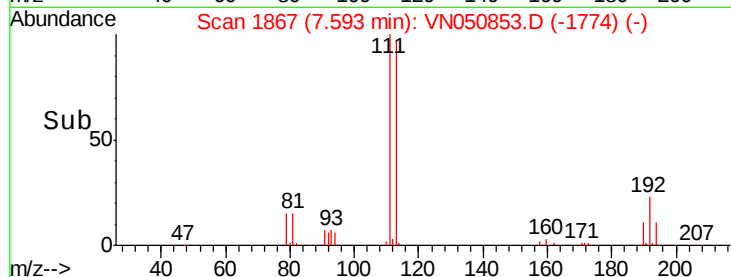
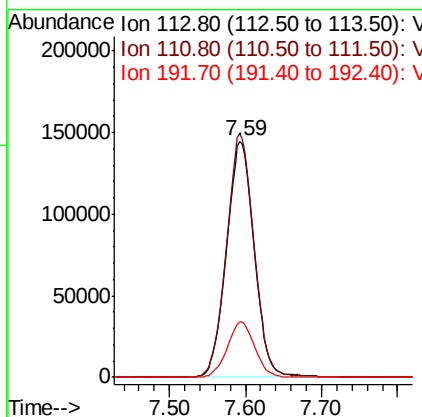
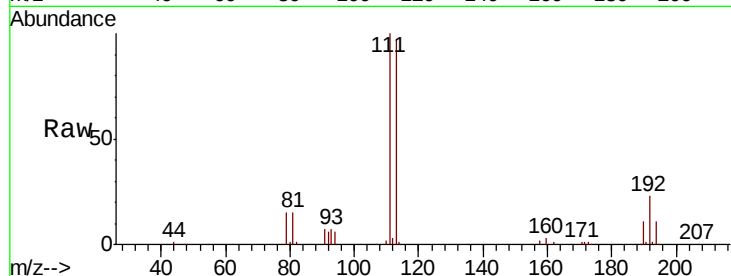




#35
 Dibromofluoromethane
 Concen: 47.38 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050853.D
 Acq: 23 Aug 2018 15:11

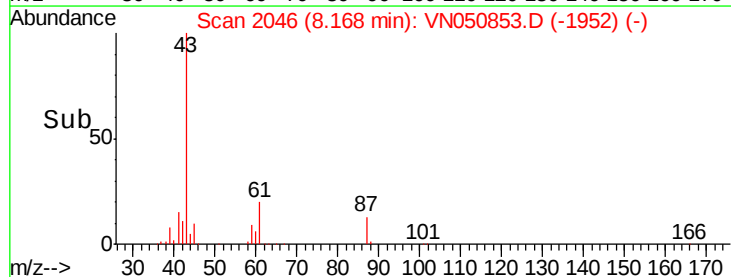
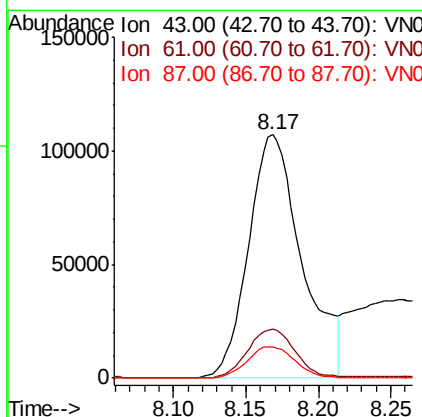
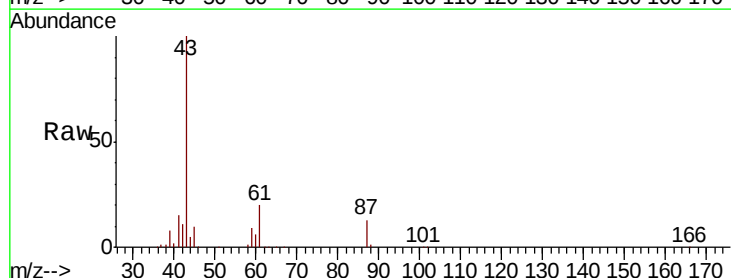
Instrument :
 MSVOA_N
 ClientSampleId :
 1-3-RO

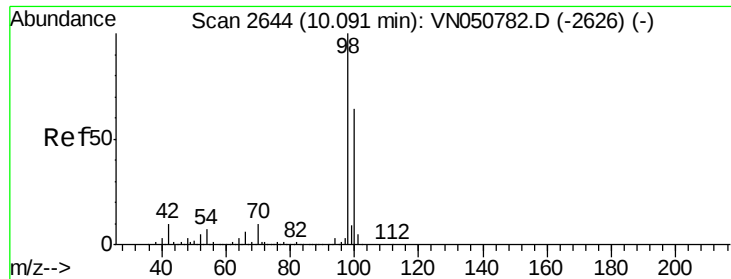
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	123.8
192	23.1	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 24.17 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050853.D
 Acq: 23 Aug 2018 15:11

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.0	17.5	26.3
87	11.6	11.3	16.9





#50

Toluene-d8

Concen: 46.12 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

Instrument :

MSVOA_N

ClientSampleId :

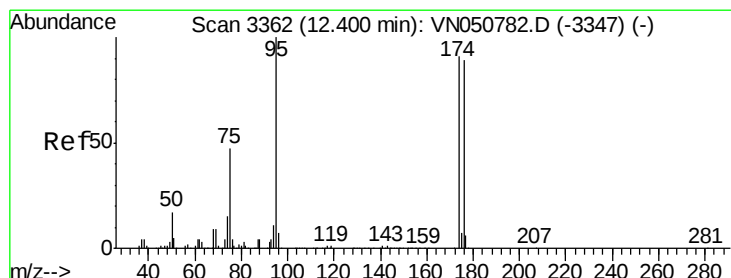
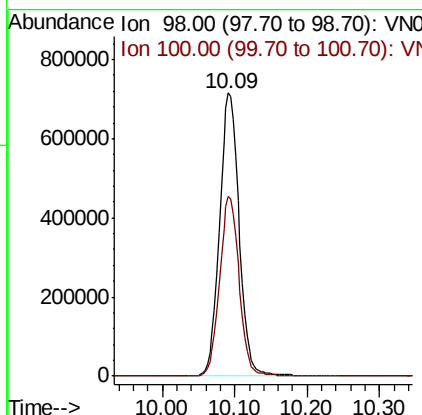
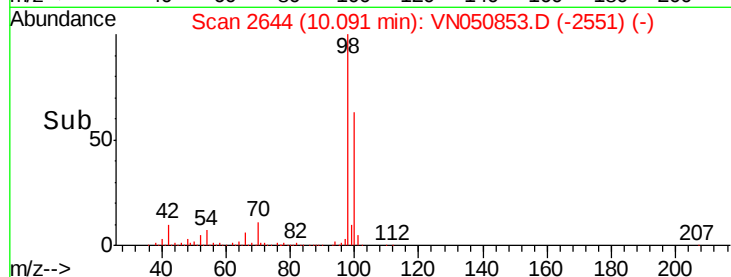
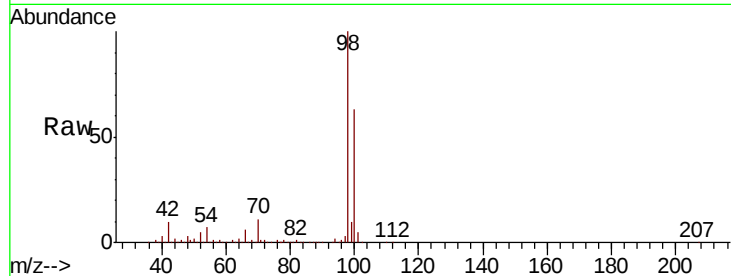
1-3-RO

Tot Ion: 98 Resp: 1335675

Ion Ratio Lower Upper

98 100

100 63.1 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 38.60 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

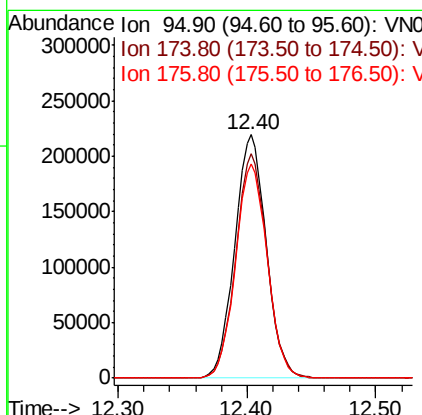
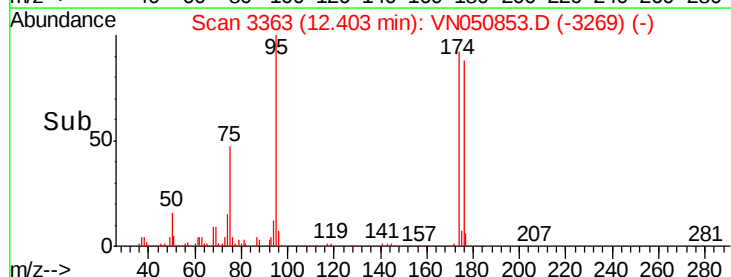
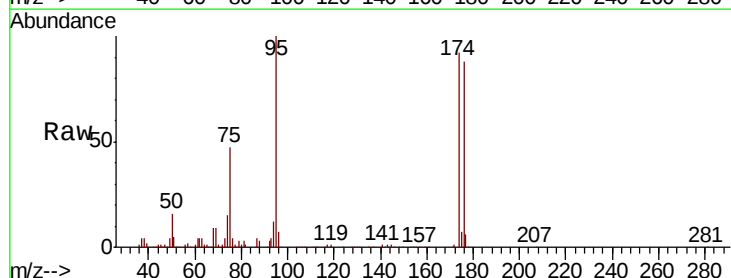
Tgt Ion: 95 Resp: 371411

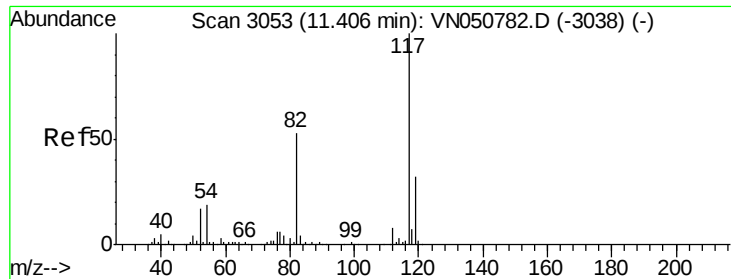
Ion Ratio Lower Upper

95 100

174 91.7 0.0 183.0

176 88.4 0.0 178.8

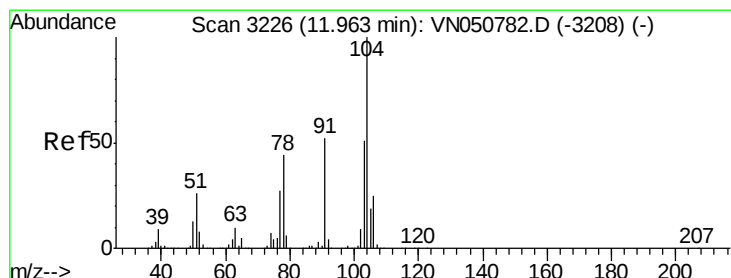
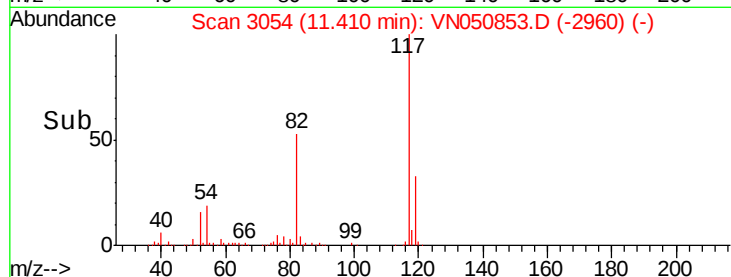
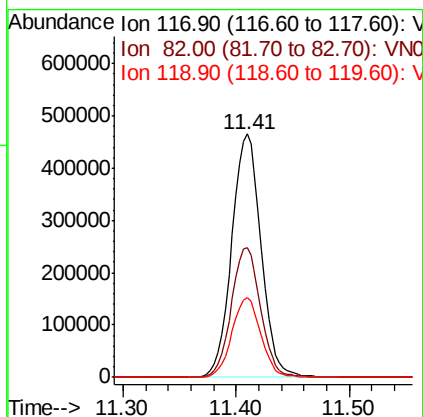
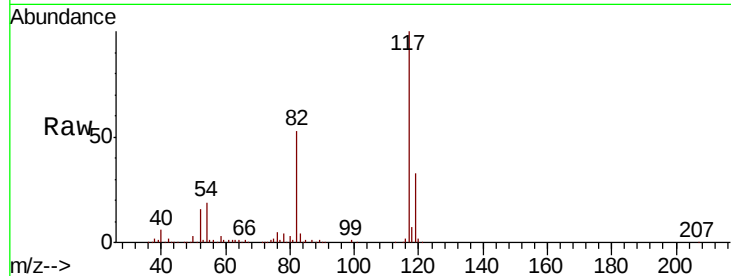




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050853.D
Acq: 23 Aug 2018 15:11

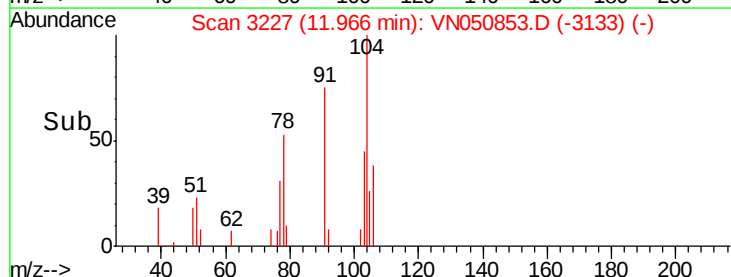
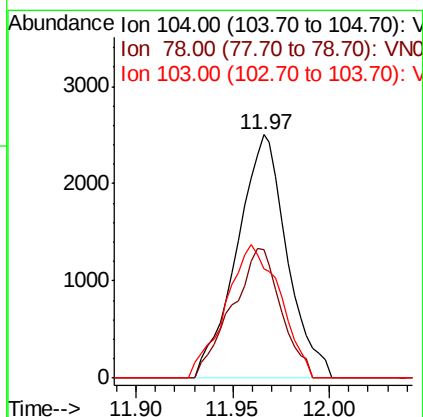
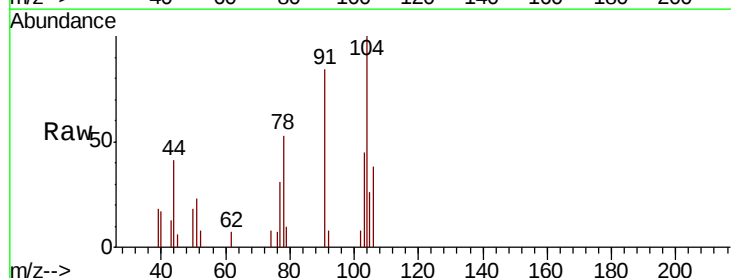
Instrument :
MSVOA_N
ClientSampled :
1-3-RO

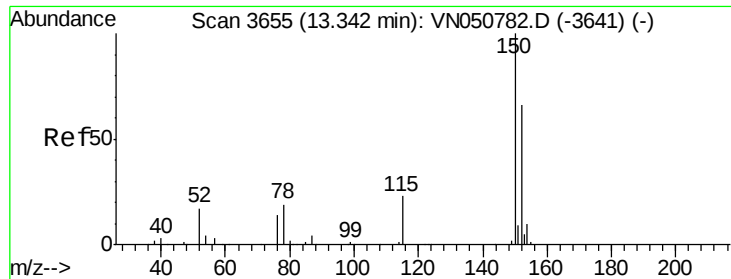
Tot Ion:117 Resp: 839864
Ion Ratio Lower Upper
117 100
82 53.3 42.6 64.0
119 32.7 25.8 38.6



#70
Styrene
Concen: 1.46 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050853.D
Acq: 23 Aug 2018 15:11

Tgt Ion:104 Resp: 4509
Ion Ratio Lower Upper
104 100
78 52.4 38.2 57.4
103 59.5 44.4 66.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050853.D

Acq: 23 Aug 2018 15:11

Instrument :

MSVOA_N

ClientSampleId :

1-3-RO

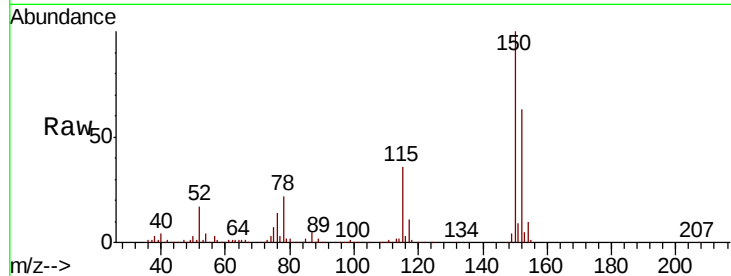
Tot Ion:152 Resp: 300151

Ion Ratio Lower Upper

152 100

115 56.9 27.8 83.4

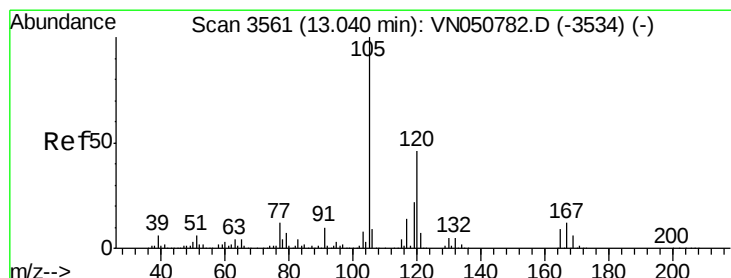
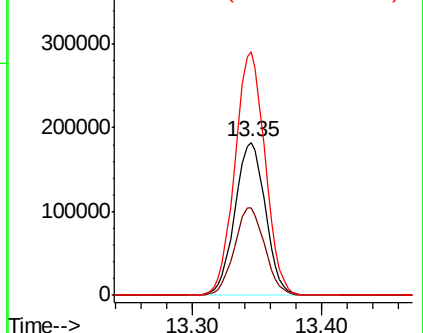
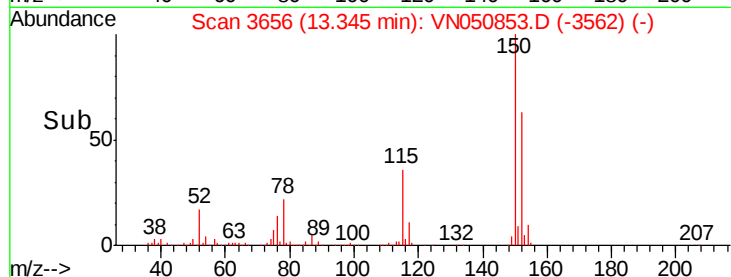
150 157.4 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#84

1,2,4-Trimethylbenzene

Concen: 1.43 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN050853.D

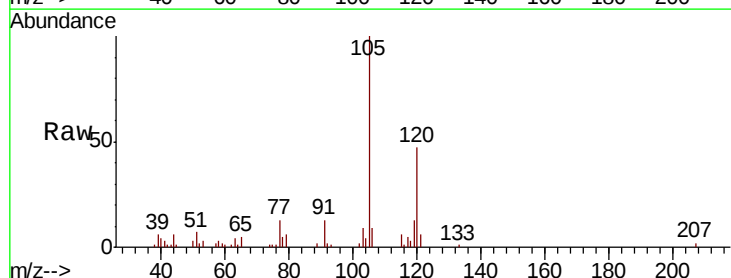
Acq: 23 Aug 2018 15:11

Tgt Ion:105 Resp: 28932

Ion Ratio Lower Upper

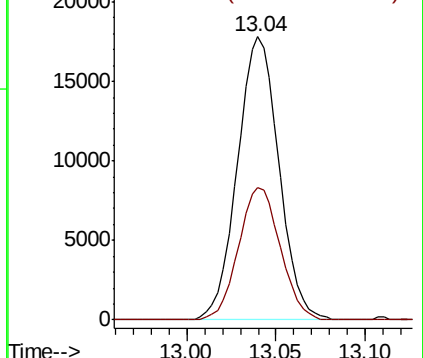
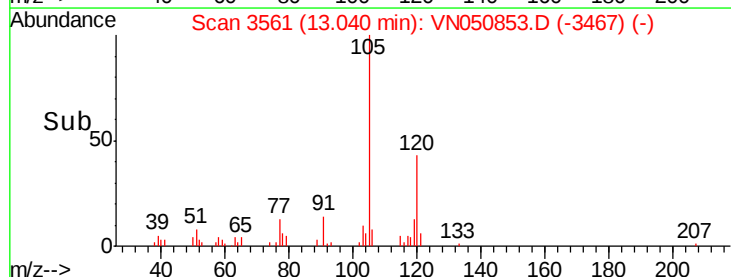
105 100

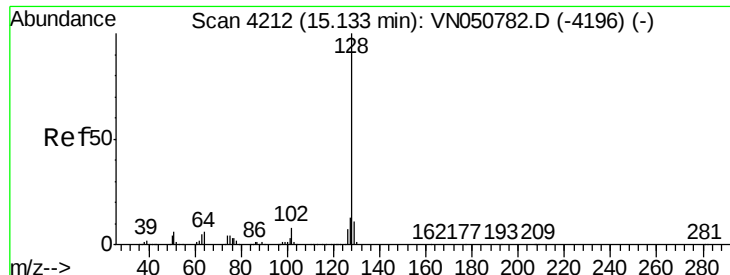
120 47.0 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

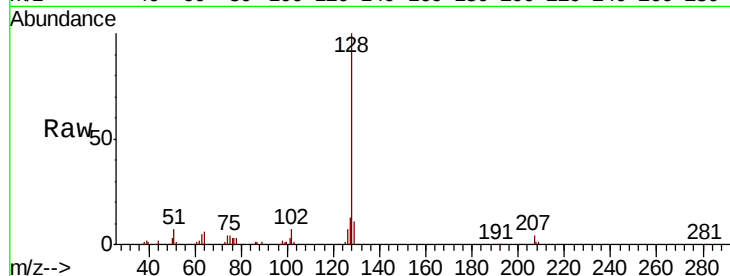




#95
Naphthalene
Concen: 13.02 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050853.D
Acq: 23 Aug 2018 15:11

Instrument :
MSVOA_N
ClientSampleId :
1-3-RO

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.3	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

