

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082318\
 Data File : VN050854.D
 Acq On : 23 Aug 2018 15:35
 Operator : MD\SY
 Sample : J4584-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOD1-WC-S-1-0-52

Quant Time: Aug 24 04:24:50 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	611001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1015180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	872535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	312242	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	403518	54.86	ug/l	0.00
Spiked Amount			Recovery	=	109.72%	
35) Dibromofluoromethane	7.59	113	387663	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
50) Toluene-d8	10.09	98	1388908	46.00	ug/l	0.00
Spiked Amount			Recovery	=	92.00%	
62) 4-Bromofluorobenzene	12.40	95	381325	38.00	ug/l	0.00
Spiked Amount			Recovery	=	76.00%	

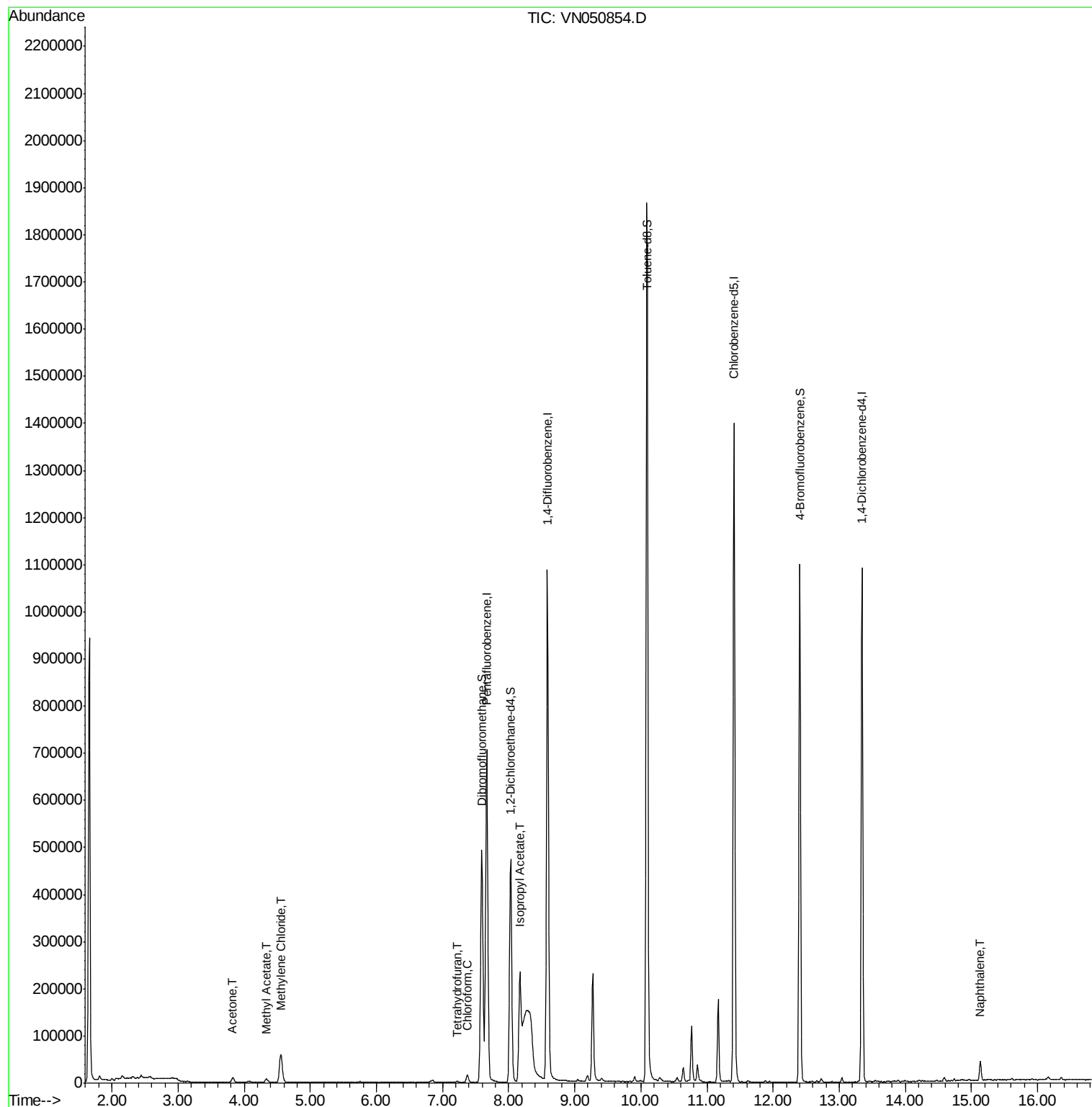
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	17476	3.06	ug/l	97
18) Methyl Acetate	4.34	43	14524	2.09	ug/l	96
20) Methylene Chloride	4.55	84	48328	5.83	ug/l	97
29) Tetrahydrofuran	7.22	42	1805	1.06	ug/l #	60
30) Chloroform	7.38	83	17629	1.30	ug/l	93
43) Isopropyl Acetate	8.17	43	297132	25.11	ug/l #	92
95) Naphthalene	15.14	128	35957	7.97	ug/l	99

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

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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: VN050854.D

Acq: 23 Aug 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

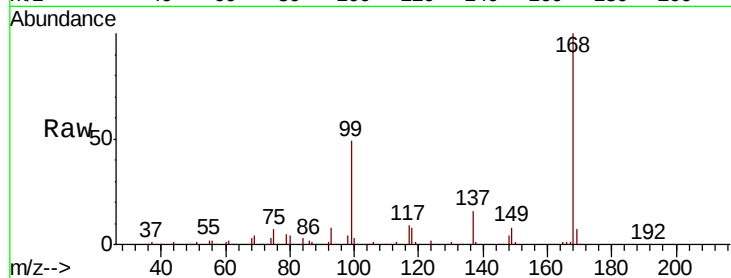
TOD1-WC-S-1-0-52

Tot Ion:168 Resp: 611001

Ion Ratio Lower Upper

168 100

99 48.8 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050854.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050854.D (-1797) (-)

7.67

250000

200000

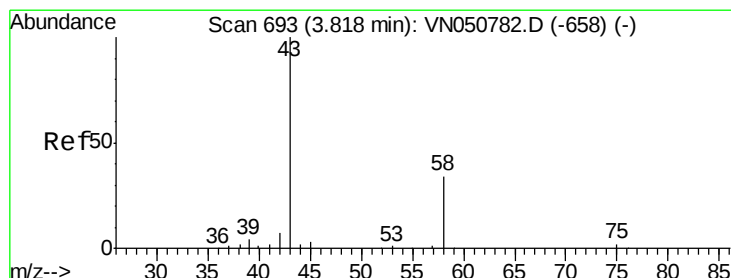
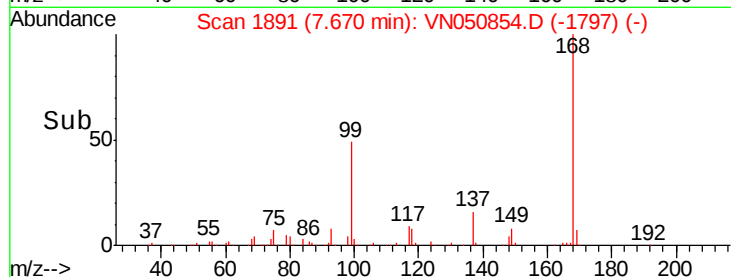
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.06 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050854.D

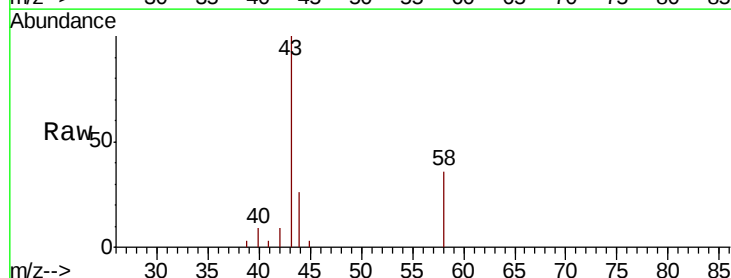
Acq: 23 Aug 2018 15:35

Tgt Ion: 43 Resp: 17476

Ion Ratio Lower Upper

43 100

58 35.7 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN050854.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050854.D (-600) (-)

3.82

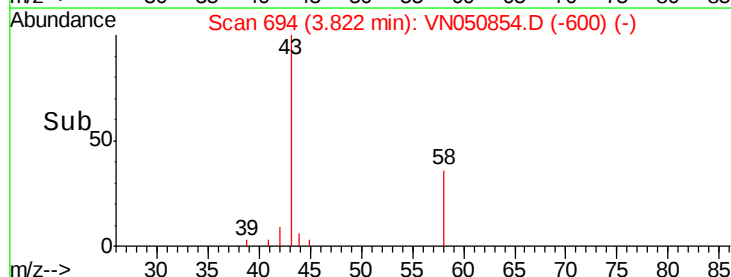
6000

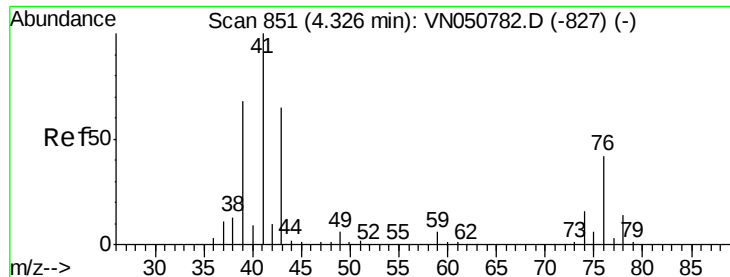
4000

2000

0

Time-->

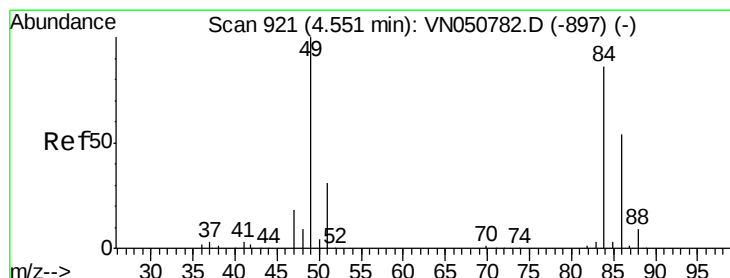
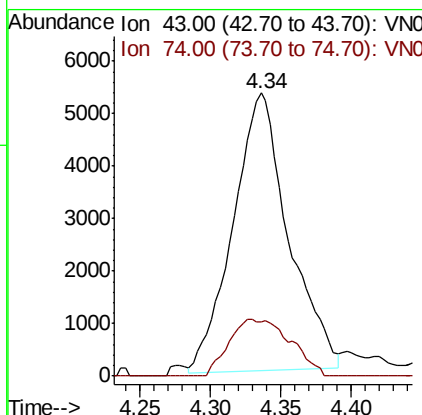
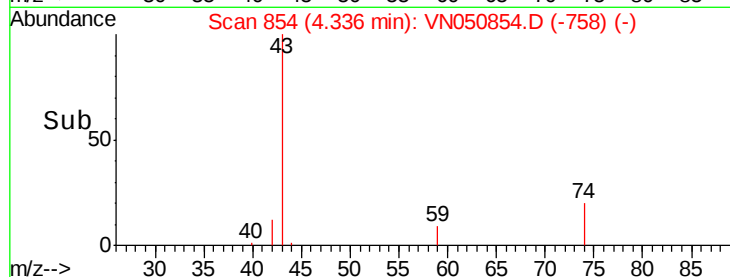
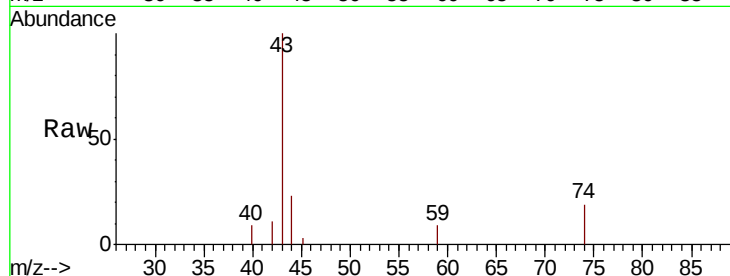




#18
Methyl Acetate
Concen: 2.09 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050854.D
Acq: 23 Aug 2018 15:35

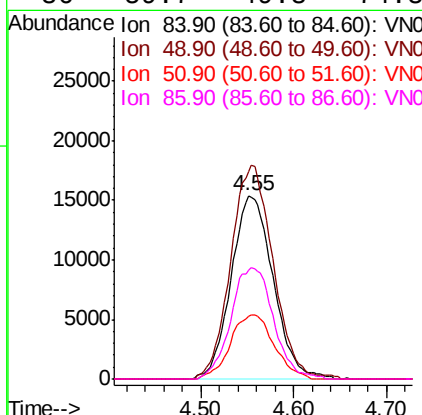
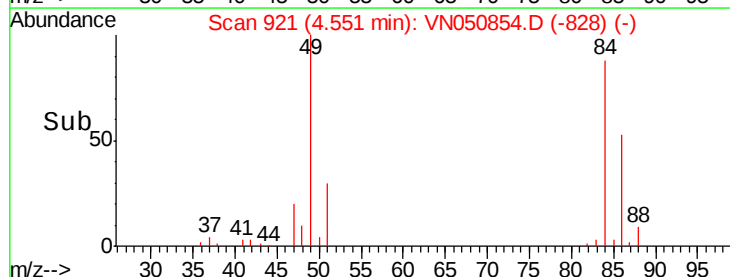
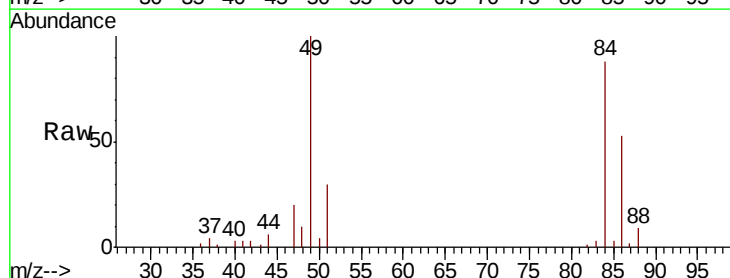
Instrument :
MSVOA_N
ClientSampleId :
TOD1-WC-S-1-0-52

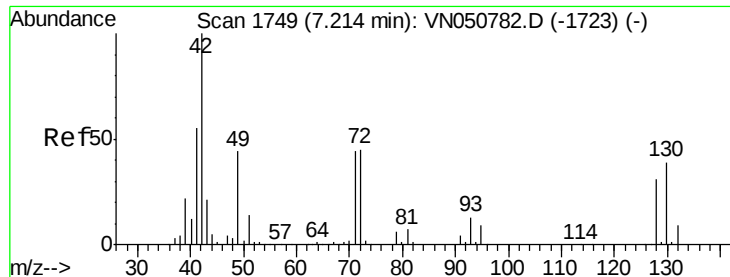
Tot Ion: 43 Resp: 14524
Ion Ratio Lower Upper
43 100
74 22.6 19.8 29.8



#20
Methylene Chloride
Concen: 5.83 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050854.D
Acq: 23 Aug 2018 15:35

Tgt Ion: 84 Resp: 48328
Ion Ratio Lower Upper
84 100
49 113.2 93.2 139.8
51 33.9 29.0 43.6
86 59.7 49.8 74.8





#29

Tetrahydrofuran

Concen: 1.06 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

TOD1-WC-S-1-0-52

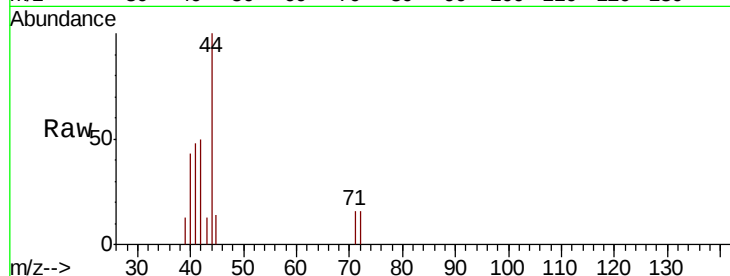
Tot Ion: 42 Resp: 1805

Ion Ratio Lower Upper

42 100

72 11.7 35.5 53.3#

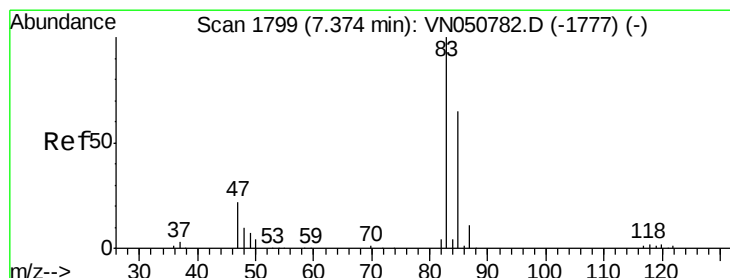
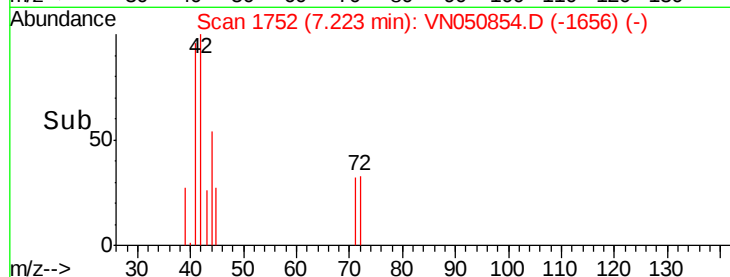
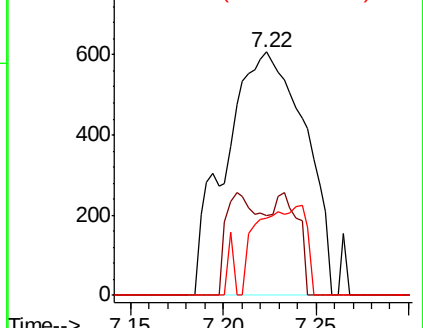
71 23.0 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 1.30 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050854.D

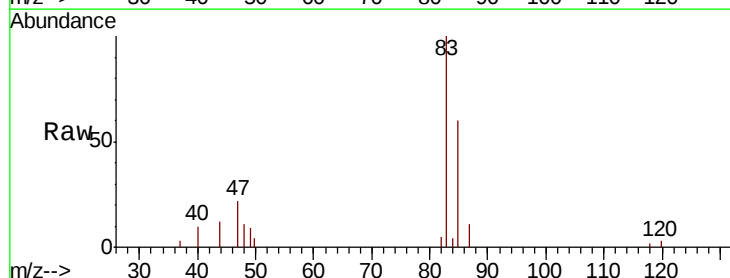
Acq: 23 Aug 2018 15:35

Tgt Ion: 83 Resp: 17629

Ion Ratio Lower Upper

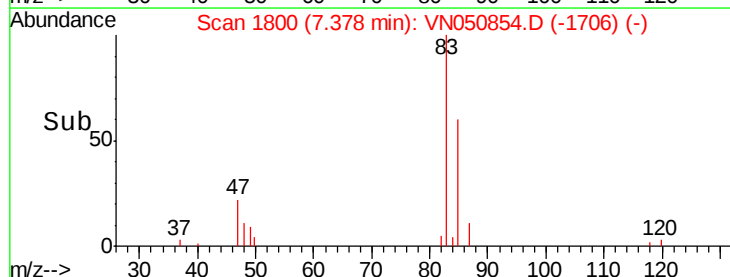
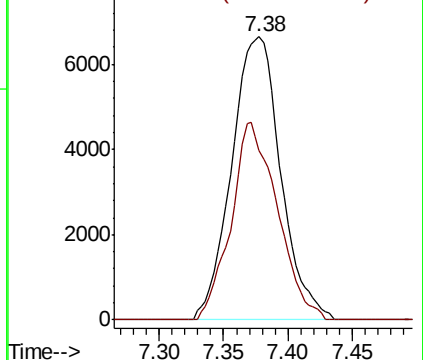
83 100

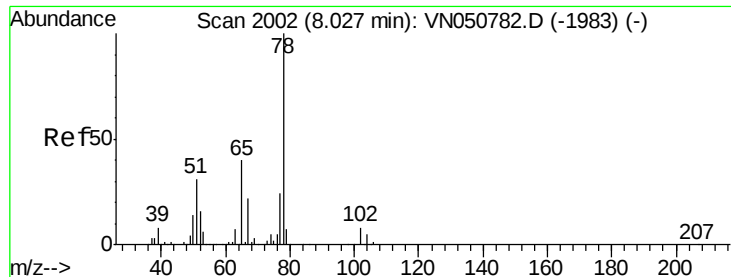
85 59.7 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 54.86 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

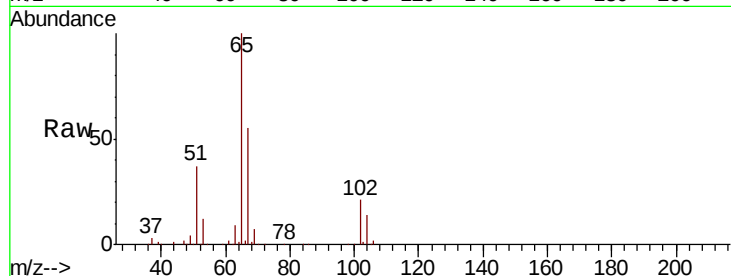
TOD1-WC-S-1-0-52

Tot Ion: 65 Resp: 403518

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN050782.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050782.D (-1983) (-)

8.03

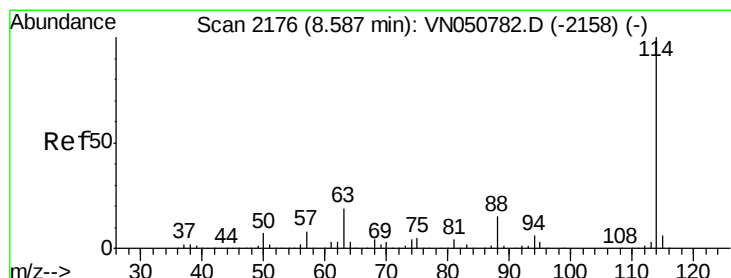
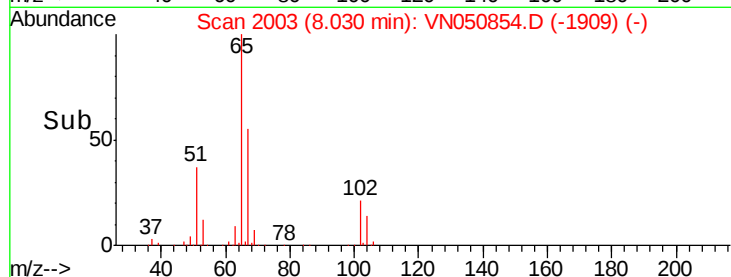
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

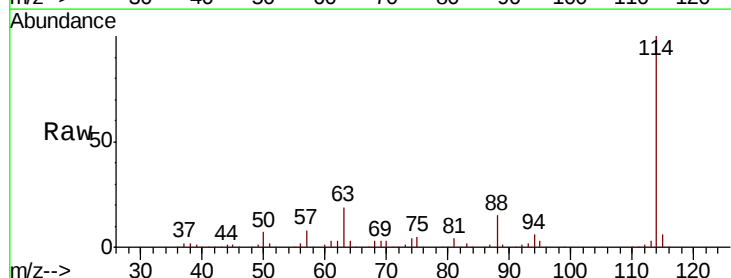
Tgt Ion: 114 Resp: 1015180

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

88 15.2 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN050782.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN050782.D (-2158) (-)

Ion 87.90 (87.60 to 88.60): VN050782.D (-2158) (-)

8.59

600000

500000

400000

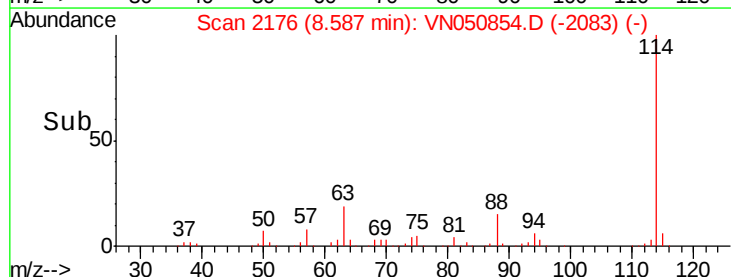
300000

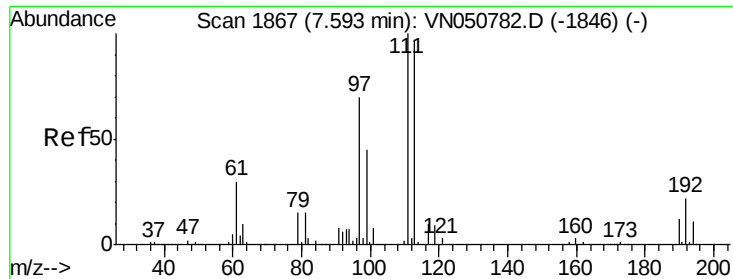
200000

100000

0

Time-->

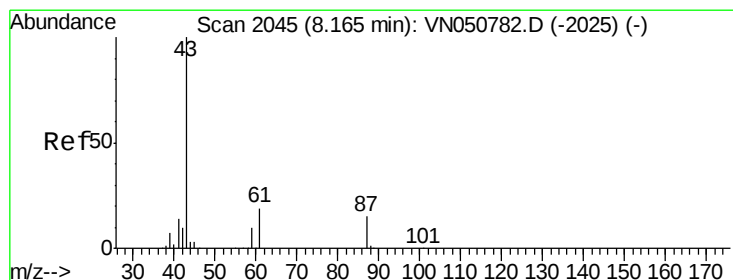
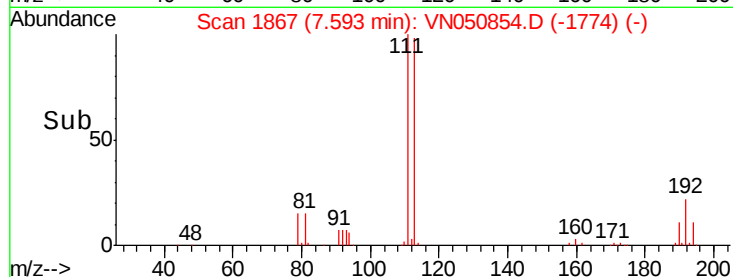
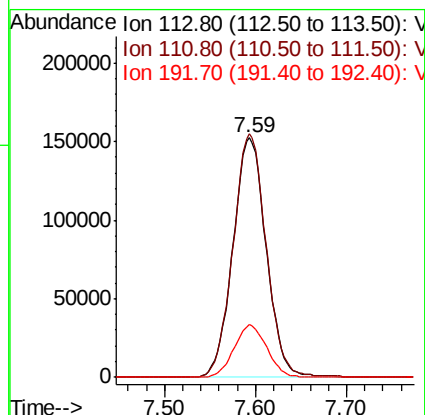
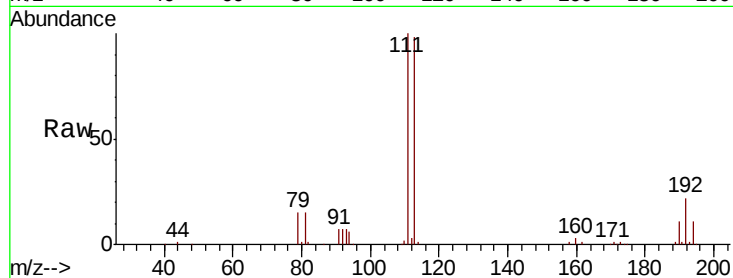




#35
 Dibromofluoromethane
 Concen: 48.00 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050854.D
 Acq: 23 Aug 2018 15:35

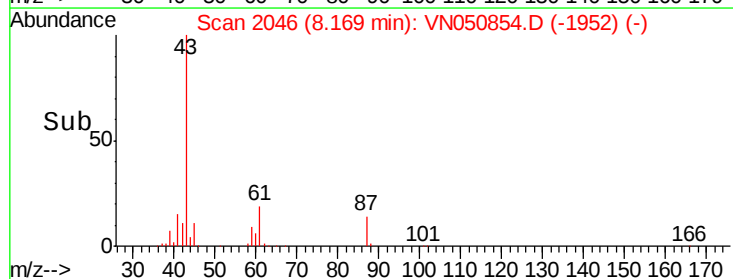
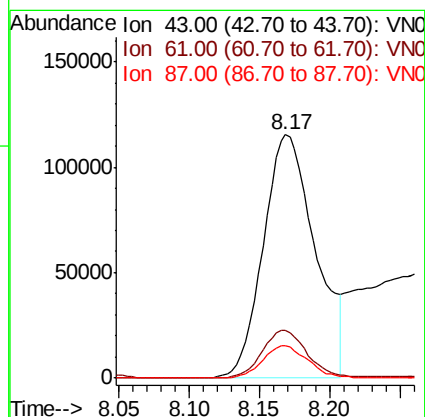
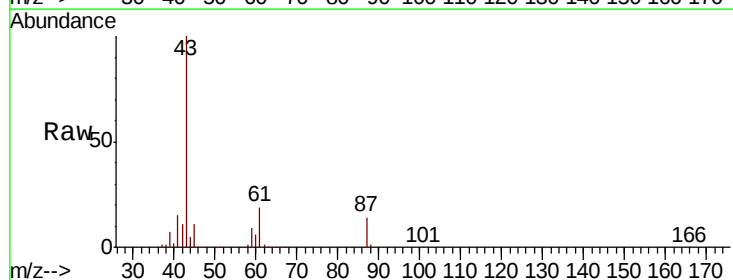
Instrument :
 MSVOA_N
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 TOD1-WC-S-1-0-52

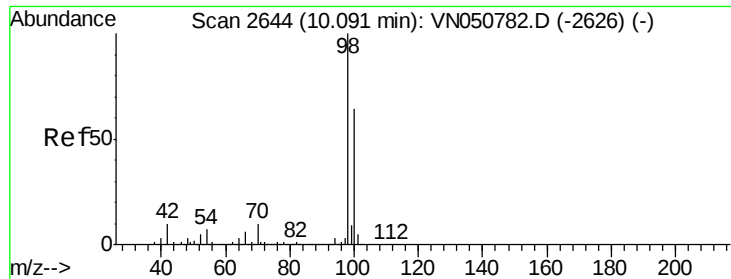
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.6	123.8
192	21.7	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 25.11 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050854.D
 Acq: 23 Aug 2018 15:35

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.2	17.5	26.3#
87	11.6	11.3	16.9





#50

Toluene-d8

Concen: 46.00 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

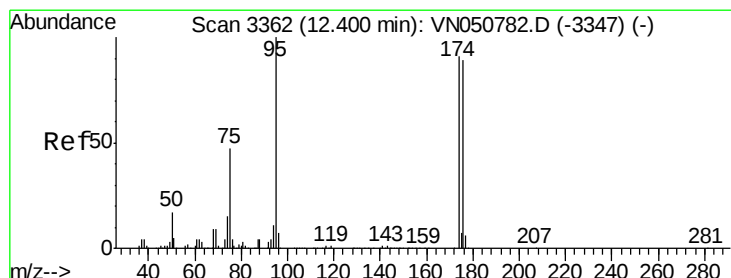
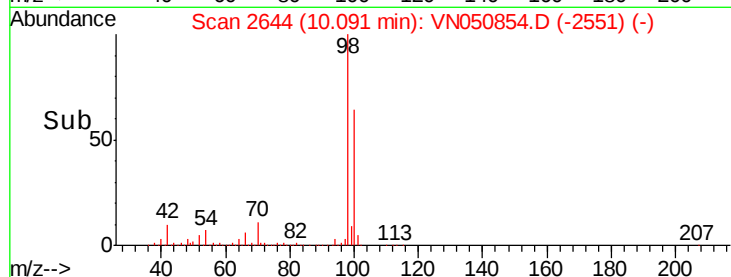
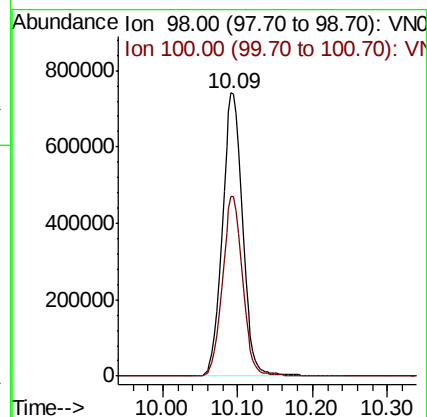
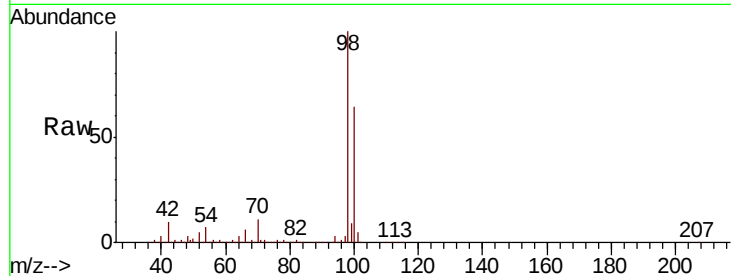
TOD1-WC-S-1-0-52

Tot Ion: 98 Resp: 1388908

Ion Ratio Lower Upper

98 100

100 63.1 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 38.00 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

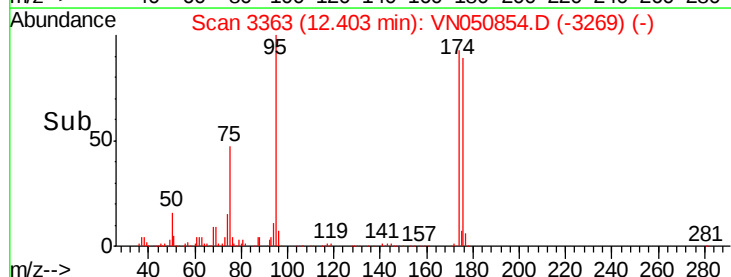
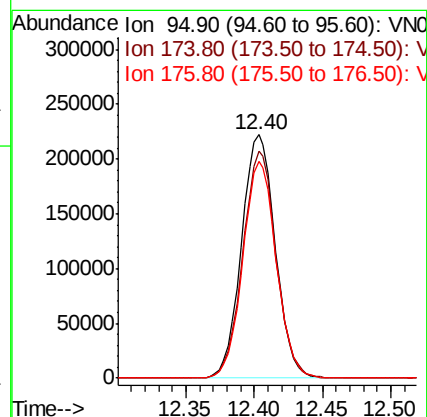
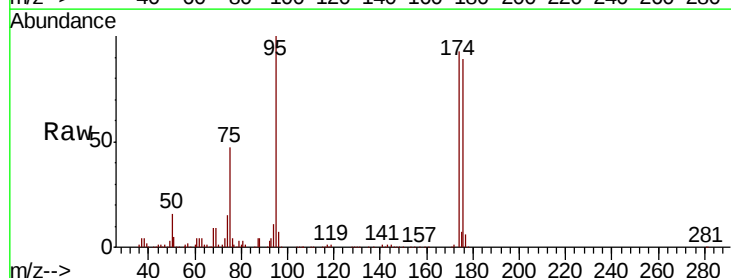
Tgt Ion: 95 Resp: 381325

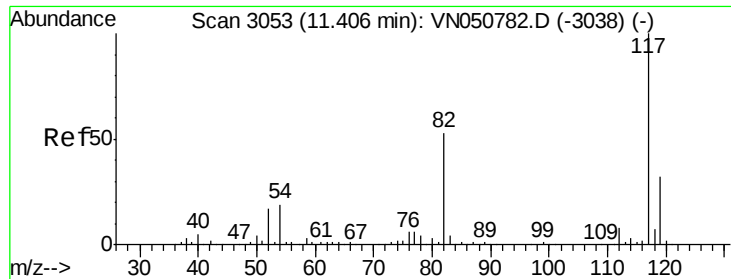
Ion Ratio Lower Upper

95 100

174 92.0 0.0 183.0

176 88.2 0.0 178.8

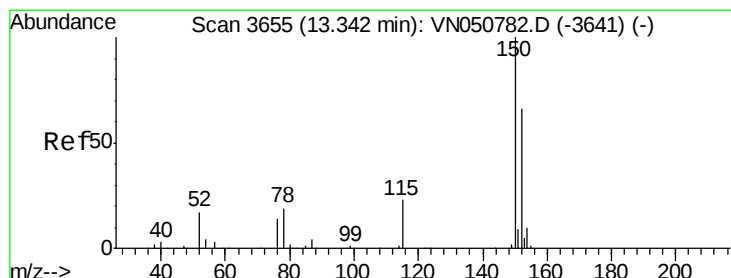
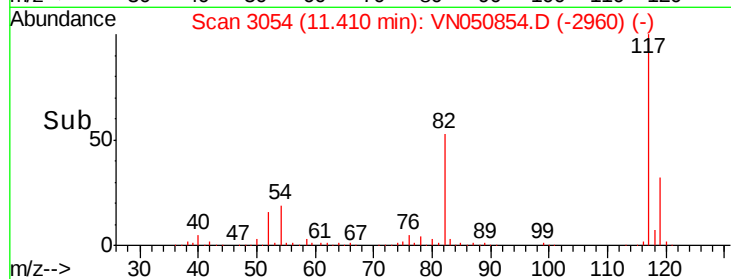
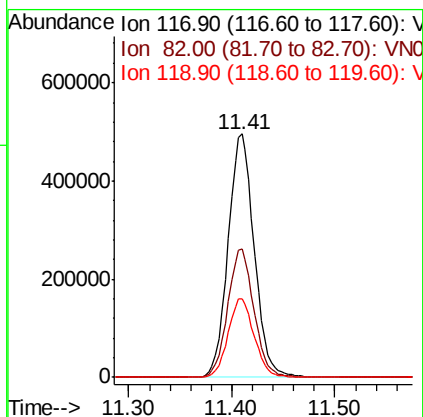
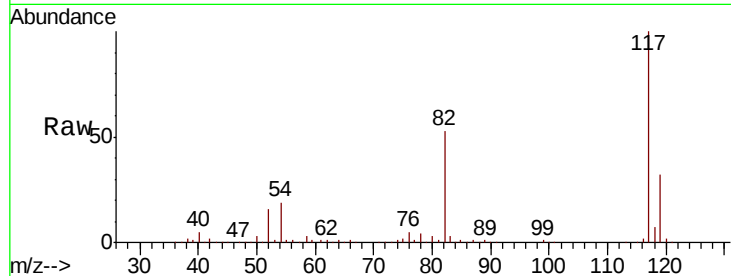




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050854.D
Acq: 23 Aug 2018 15:35

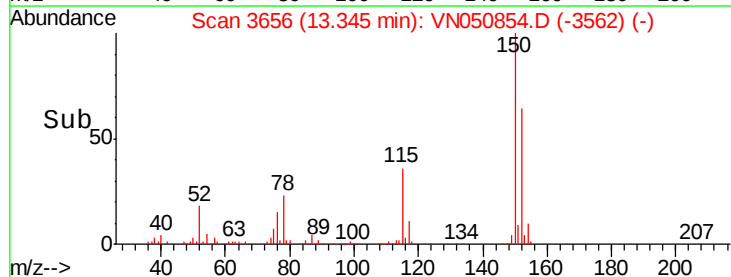
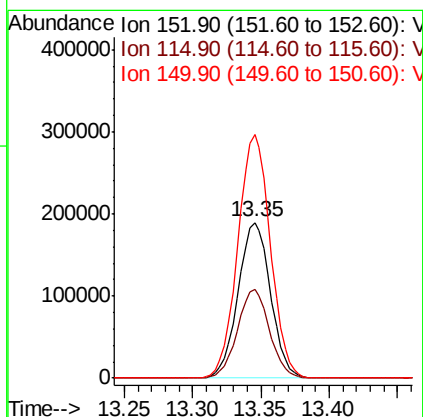
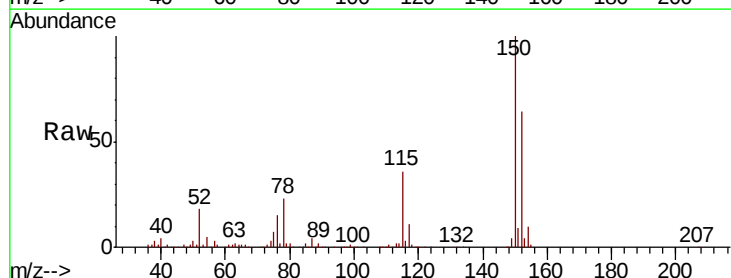
Instrument :
MSVOA_N
ClientSampleId :
TOD1-WC-S-1-0-52

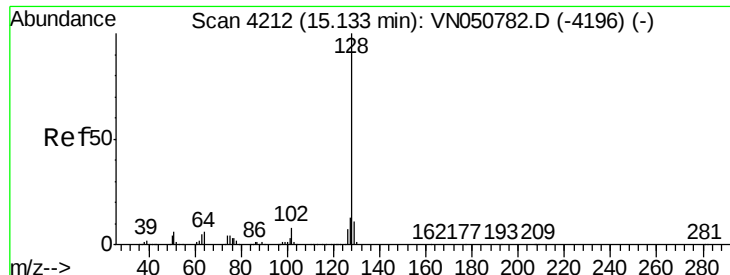
Tot Ion:117 Resp: 872535
Ion Ratio Lower Upper
117 100
82 52.5 42.6 64.0
119 32.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050854.D
Acq: 23 Aug 2018 15:35

Tgt Ion:152 Resp: 312242
Ion Ratio Lower Upper
152 100
115 56.1 27.8 83.4
150 157.2 0.0 351.4





#95
Naphthalene
Concen: 7.97 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050854.D
Acq: 23 Aug 2018 15:35

Instrument :
MSVOA_N
ClientSampleId :
TOD1-WC-S-1-0-52

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.6	8.7	13.1

