

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049670.D
 Acq On : 2 Jul 2018 15:35
 Operator : MD\SY
 Sample : J3798-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-6

Quant Time: Jul 03 04:32:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

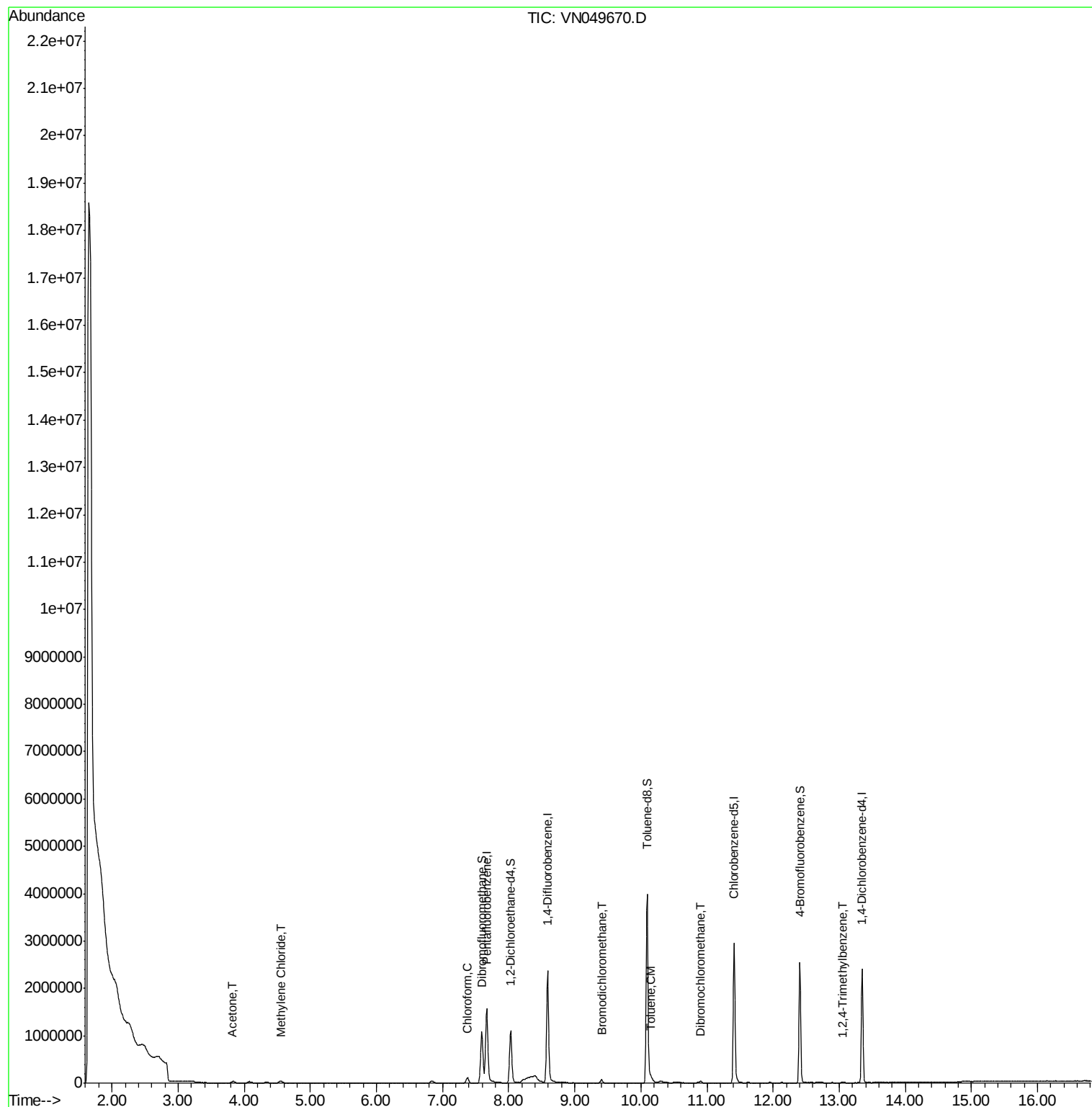
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1442322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2276234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1892163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	699739	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	962672	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
35) Dibromofluoromethane	7.59	113	842654	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
50) Toluene-d8	10.09	98	3072468	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
62) 4-Bromofluorobenzene	12.40	95	873950	38.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.86%	
Target Compounds						
16) Acetone	3.82	43	54978	6.59	ug/l	98
20) Methylene Chloride	4.55	84	24538	1.25	ug/l	96
30) Chloroform	7.37	83	119683	3.54	ug/l	98
47) Bromodichloromethane	9.41	83	47346	1.82	ug/l	99
52) Toluene	10.16	92	23583	0.50	ug/l	93
60) Dibromochloromethane	10.90	129	19825	1.04	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	9715	0.20	ug/l	89

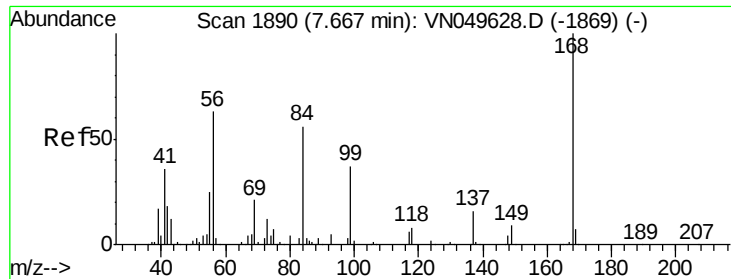
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
Data File : VN049670.D
Acq On : 2 Jul 2018 15:35
Operator : MD\SY
Sample : J3798-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-6

Quant Time: Jul 03 04:32:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 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: VN049670.D

Acq: 2 Jul 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

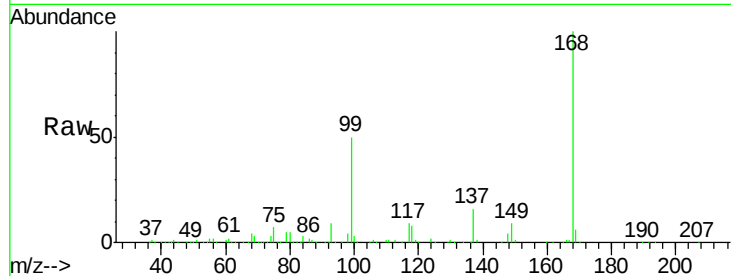
DRUM-1-6

Tot Ion:168 Resp: 1442322

Ion Ratio Lower Upper

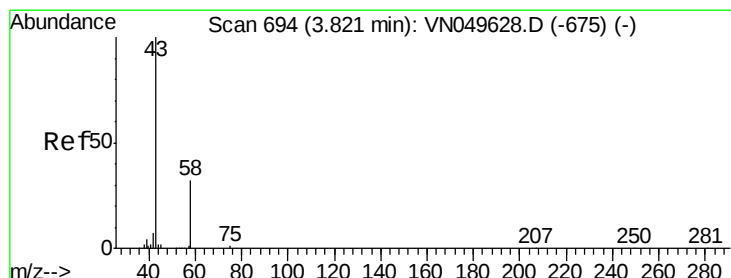
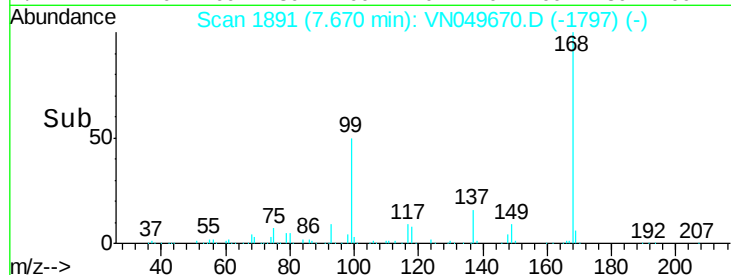
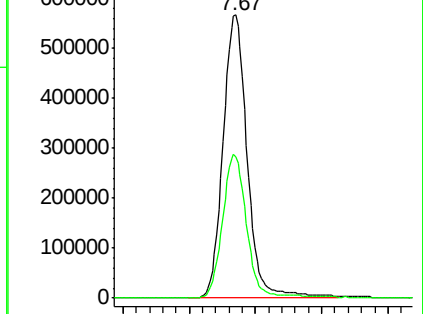
168 100

99 49.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 6.59 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049670.D

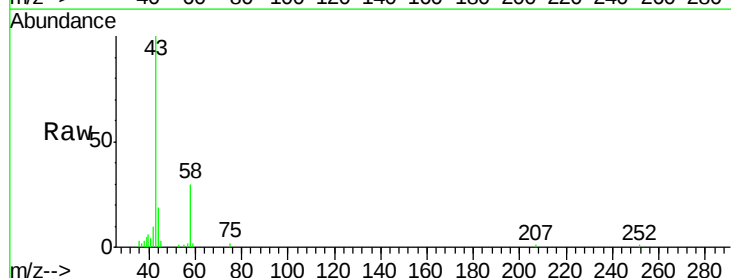
Acq: 2 Jul 2018 15:35

Tgt Ion: 43 Resp: 54978

Ion Ratio Lower Upper

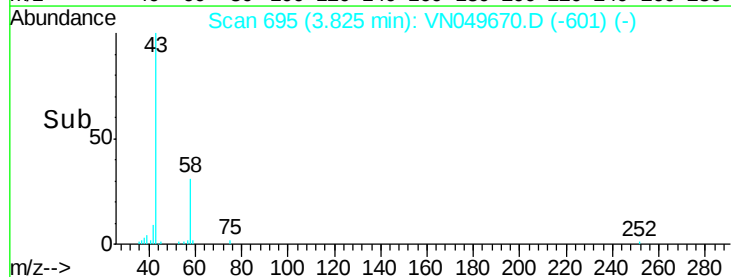
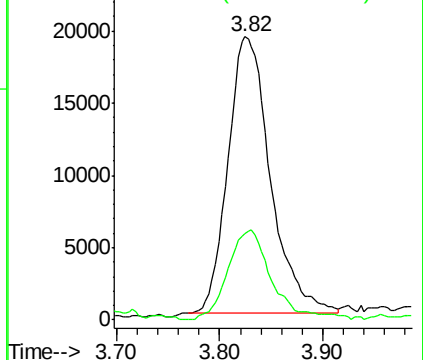
43 100

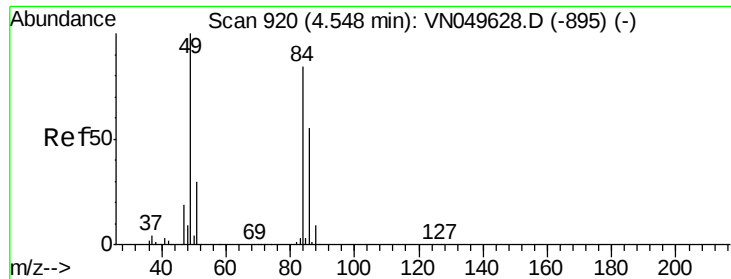
58 31.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methvlene Chloride

Concen: 1.25 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.01 min

Lab File: VN049670.D

Acq: 2 Jul 2018 15:35

Instrument :

MSVOA_N

ClientSampled :

DRUM-1-6

Tot Ion: 84 Resp: 24538

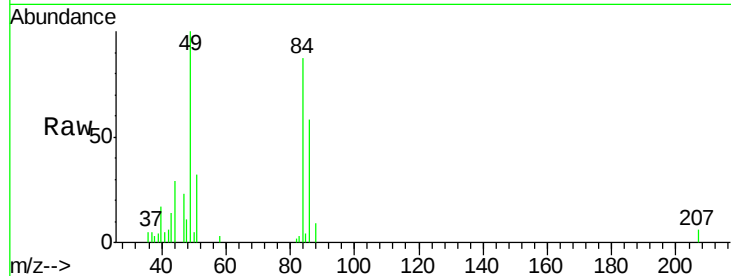
Ion Ratio Lower Upper

84 100

49 111.7 95.4 143.2

51 36.5 28.4 42.6

86 66.5 52.6 79.0

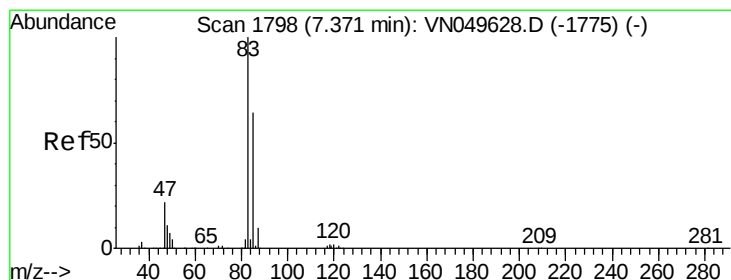
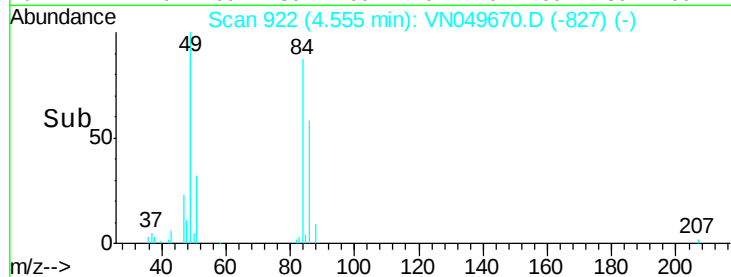
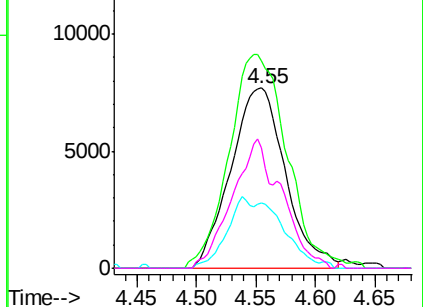


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#30

Chloroform

Concen: 3.54 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049670.D

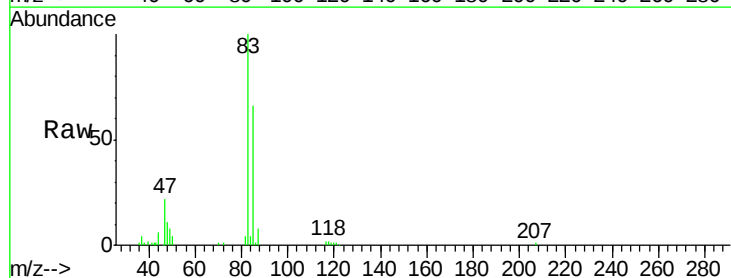
Acq: 2 Jul 2018 15:35

Tgt Ion: 83 Resp: 119683

Ion Ratio Lower Upper

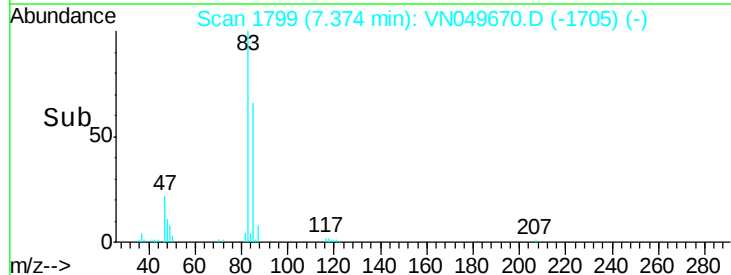
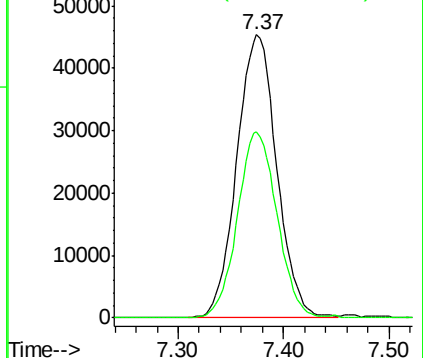
83 100

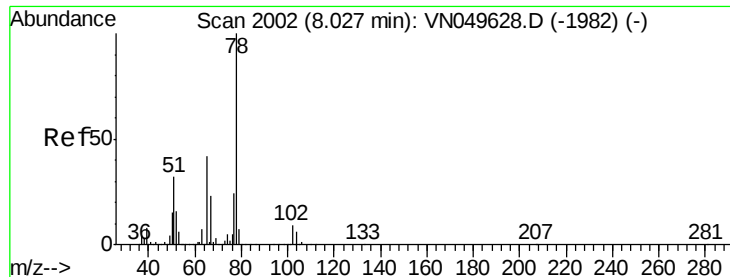
85 65.9 51.4 77.2



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: 50.54 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049670.D

Acq: 2 Jul 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

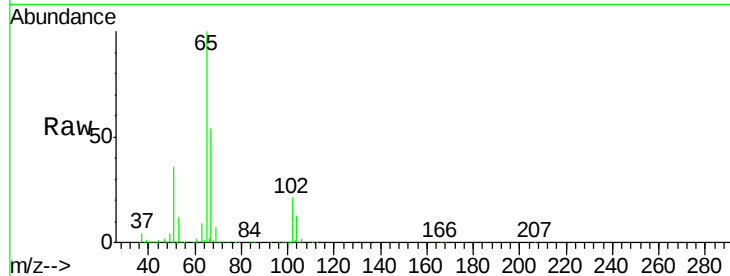
DRUM-1-6

Tot Ion: 65 Resp: 962672

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN049628.D (-1982) (-)

Ion 66.90 (66.60 to 67.60): VN049628.D (-1982) (-)

8.03

400000

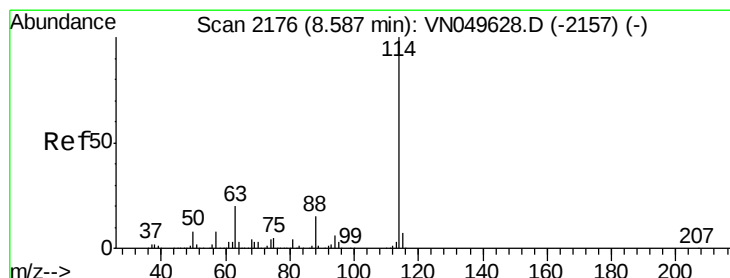
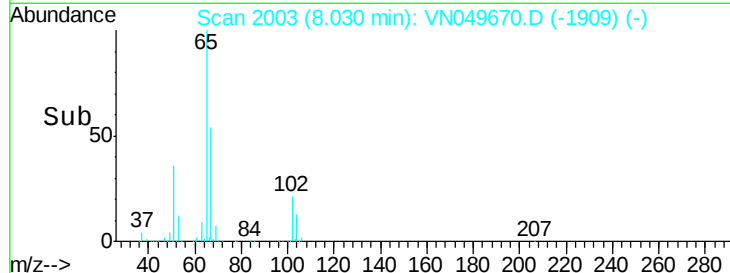
300000

200000

100000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049670.D

Acq: 2 Jul 2018 15:35

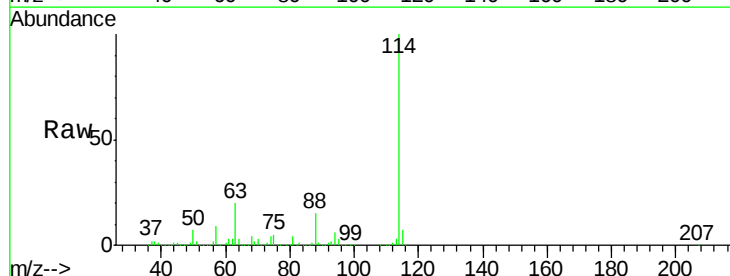
Tgt Ion: 114 Resp: 2276234

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.8

88 15.2 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN049628.D (-2157) (-)

Ion 63.00 (62.70 to 63.70): VN049628.D (-2157) (-)

Ion 87.90 (87.60 to 88.60): VN049628.D (-2157) (-)

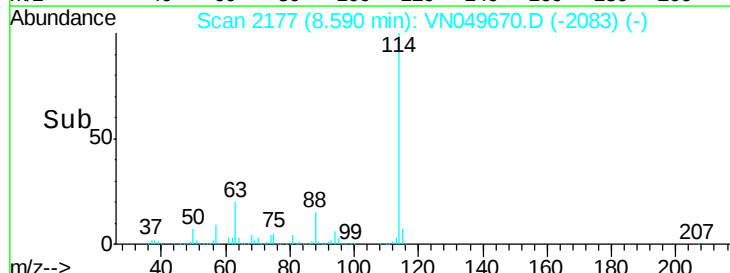
8.59

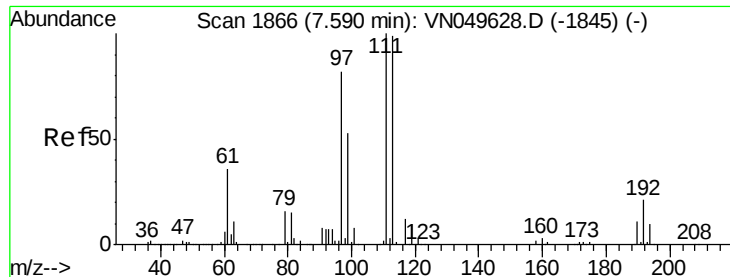
1000000

500000

0

Time--> 8.50 8.60 8.70 8.80

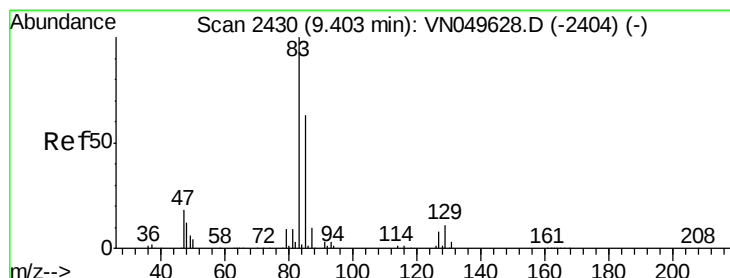
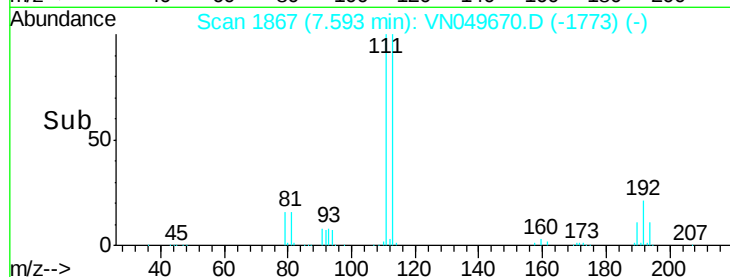
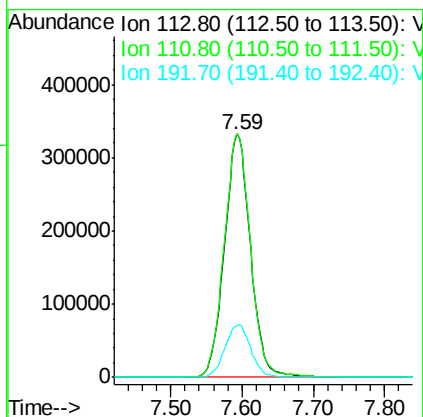
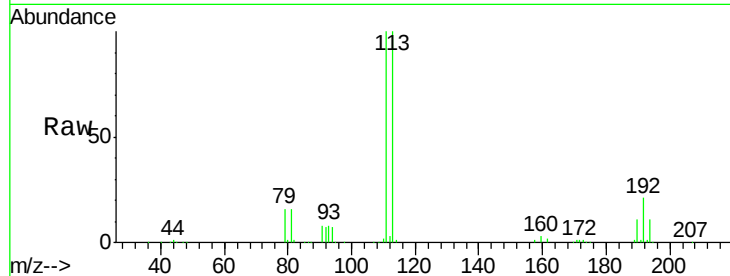




#35
 Dibromofluoromethane
 Concen: 49.52 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049670.D
 Acq: 2 Jul 2018 15:35

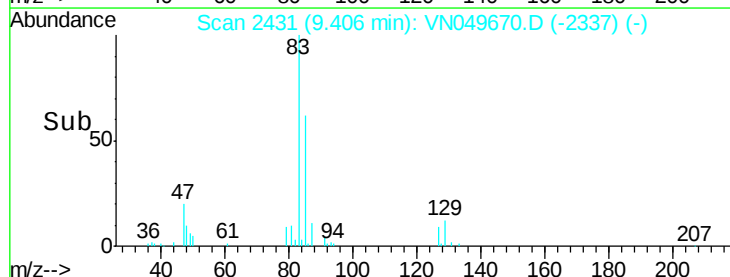
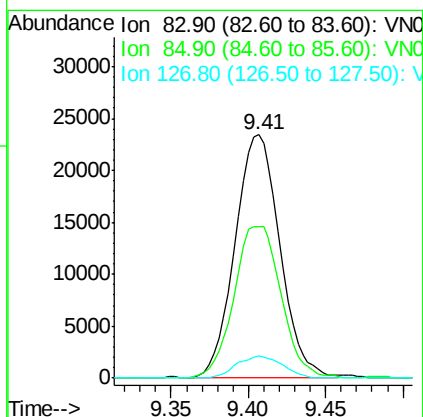
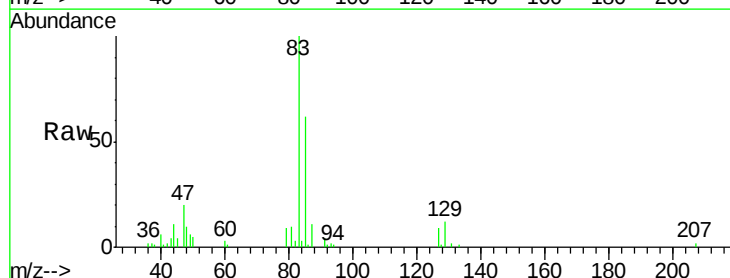
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-6

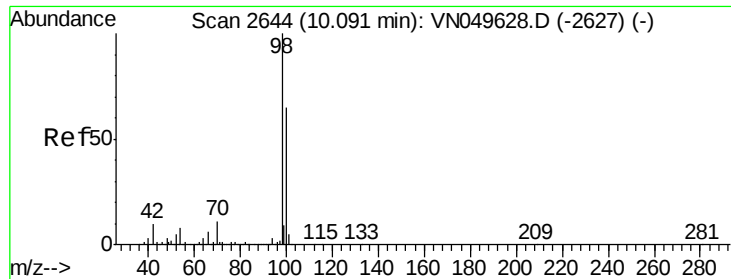
Tot Ion:113 Resp: 842654
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.8 122.8
 192 21.7 17.8 26.6



#47
 Bromodichloromethane
 Concen: 1.82 ug/l
 RT: 9.41 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: VN049670.D
 Acq: 2 Jul 2018 15:35

Tgt Ion: 83 Resp: 47346
 Ion Ratio Lower Upper
 83 100
 85 62.2 50.5 75.7
 127 9.0 6.8 10.2





#50

Toluene-d8

Concen: 46.13 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049670.D

Acq: 2 Jul 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

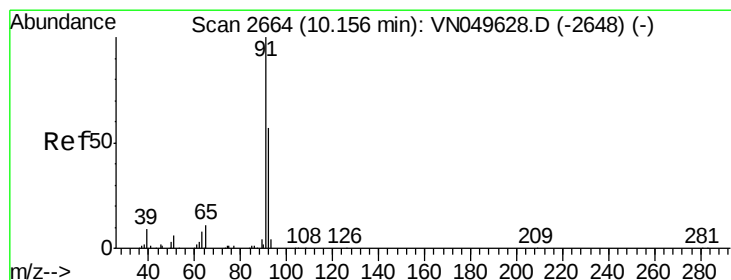
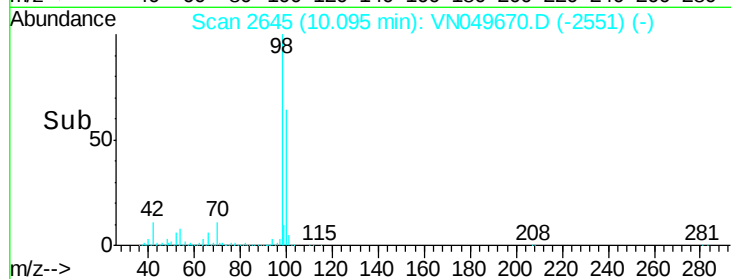
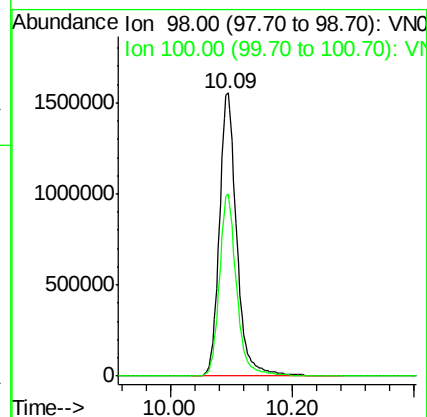
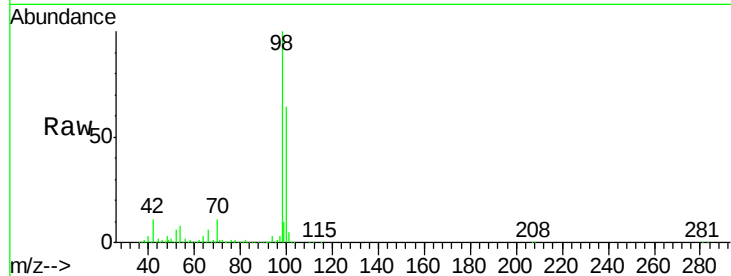
DRUM-1-6

Tot Ion: 98 Resp: 3072468

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5



#52

Toluene

Concen: 0.50 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. 0.00 min

Lab File: VN049670.D

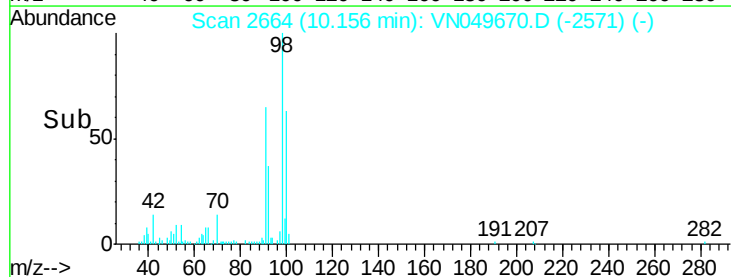
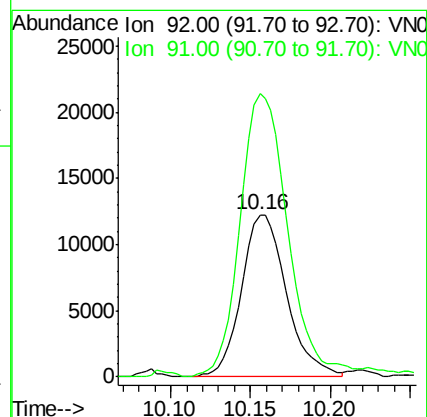
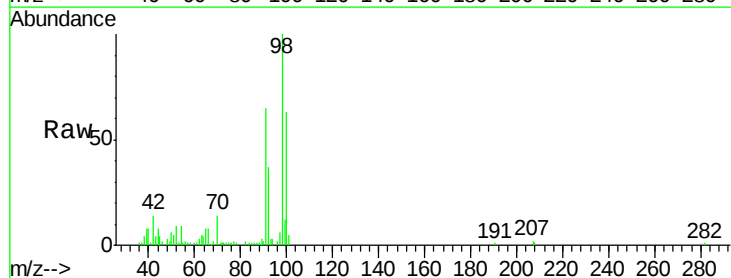
Acq: 2 Jul 2018 15:35

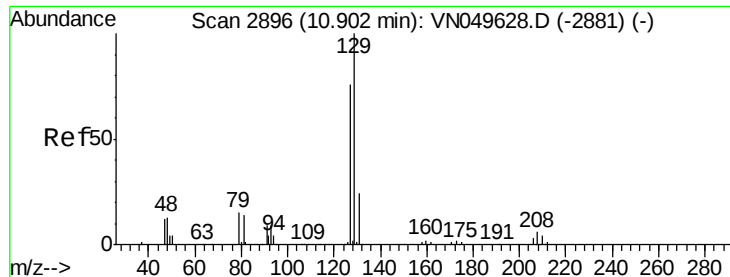
Tgt Ion: 92 Resp: 23583

Ion Ratio Lower Upper

92 100

91 184.5 140.1 210.1





#60

Dibromochloromethane

Concen: 1.04 ug/l

RT: 10.90 min Scan# 2896

Delta R.T. 0.00 min

Lab File: VN049670.D

Acq: 2 Jul 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

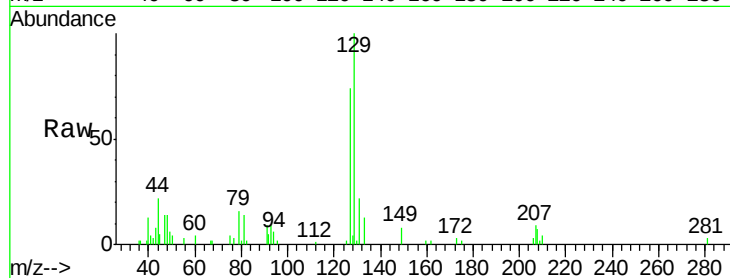
DRUM-1-6

Tot Ion:129 Resp: 19825

Ion Ratio Lower Upper

129 100

127 77.1 38.3 114.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.90

12000

10000

8000

6000

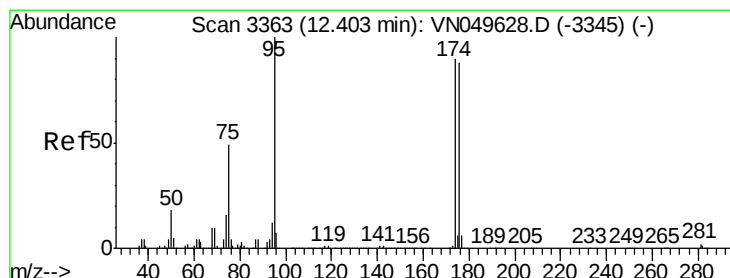
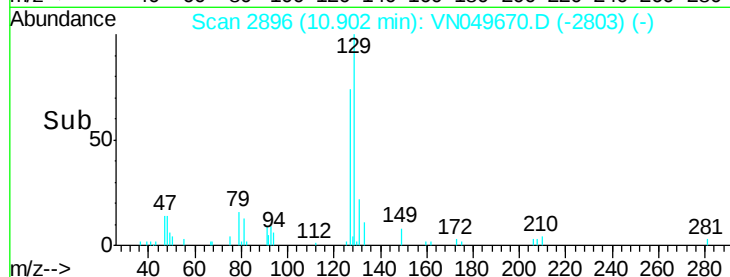
4000

2000

0

Time-->

10.85 10.90 10.95



#62

4-Bromofluorobenzene

Concen: 38.43 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049670.D

Acq: 2 Jul 2018 15:35

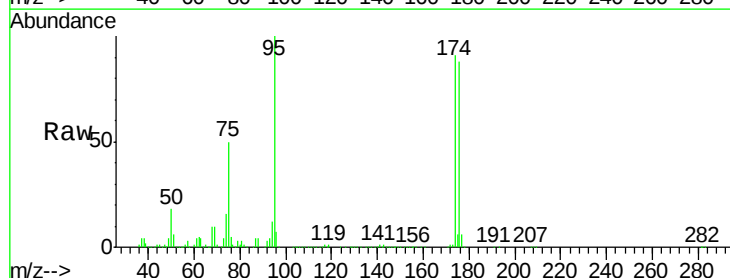
Tgt Ion: 95 Resp: 873950

Ion Ratio Lower Upper

95 100

174 91.0 0.0 179.6

176 88.0 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

600000

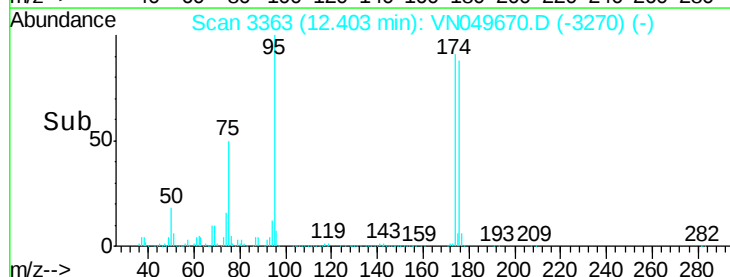
400000

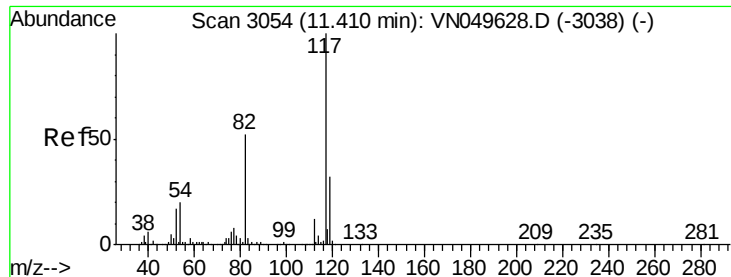
200000

0

Time-->

12.30 12.40 12.50

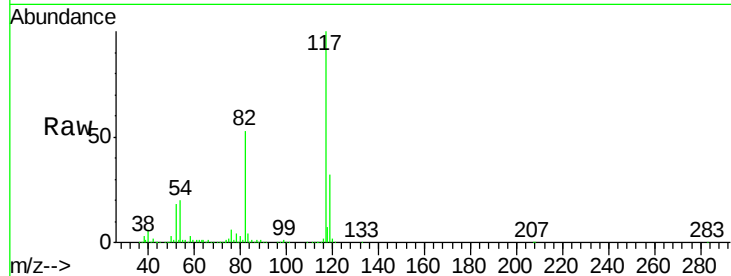




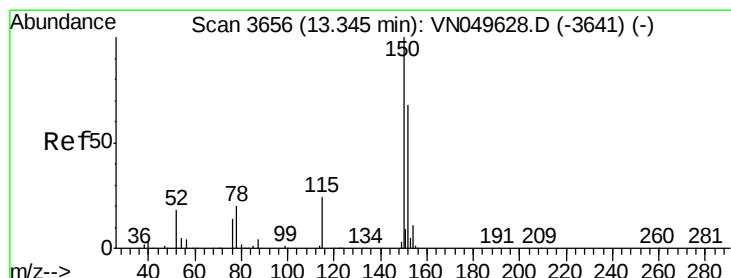
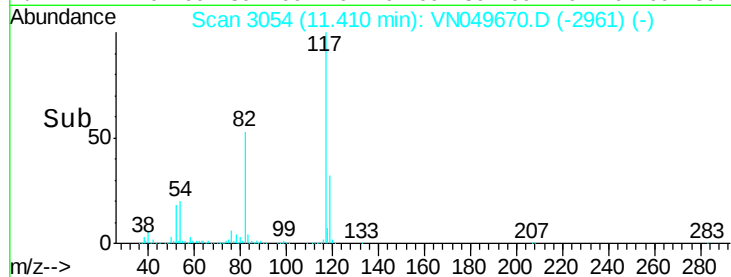
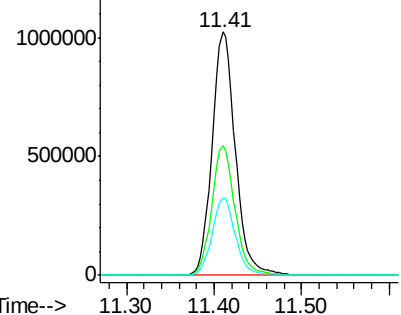
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049670.D
Acq: 2 Jul 2018 15:35

Instrument :
MSVOA_N
ClientSampled :
DRUM-1-6

Tot Ion:117 Resp: 1892163
Ion Ratio Lower Upper
117 100
82 53.2 41.9 62.9
119 31.8 25.4 38.2

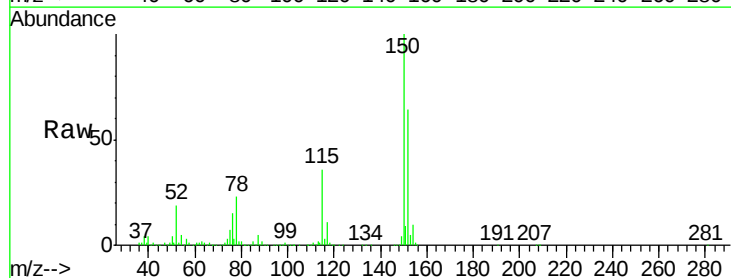


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

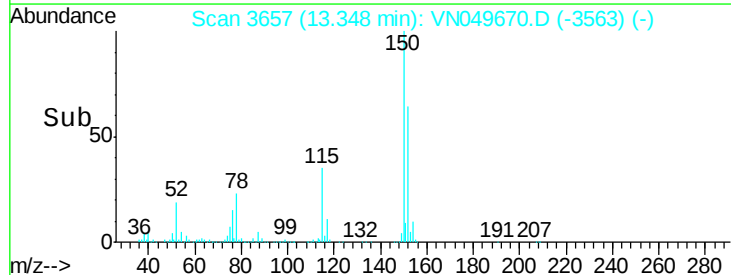
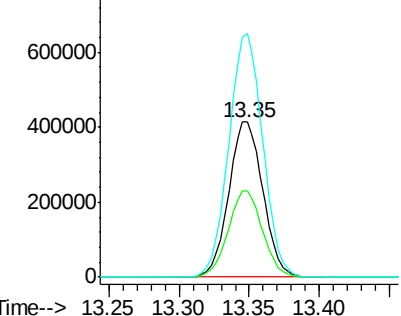


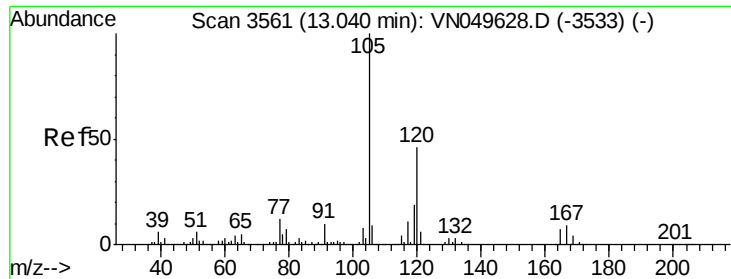
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049670.D
Acq: 2 Jul 2018 15:35

Tgt Ion:152 Resp: 699739
Ion Ratio Lower Upper
152 100
115 56.0 28.1 84.2
150 156.9 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





#84
 1,2,4-Trimethylbenzene
 Concen: 0.20 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN049670.D
 Acq: 2 Jul 2018 15:35

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-6

Tot Ion:105 Resp: 9715
 Ion Ratio Lower Upper
 105 100
 120 38.3 22.7 68.1

