

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071819\
 Data File : VN056814.D
 Acq On : 18 Jul 2019 16:04
 Operator : JC/SP
 Sample : K3892-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T-1

Quant Time: Jul 19 09:19:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

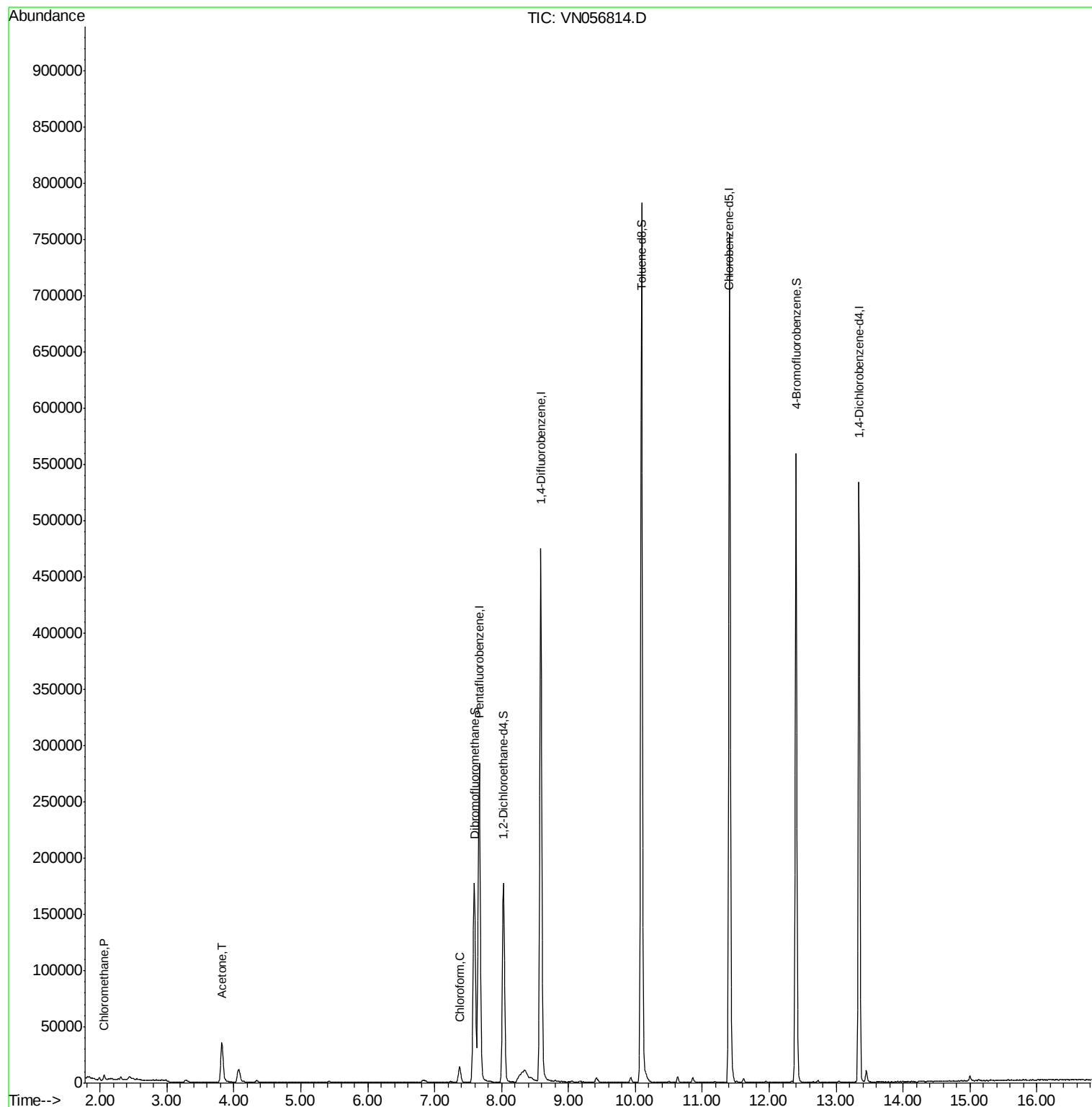
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	254812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	460913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	477124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	157310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	150385	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
35) Dibromofluoromethane	7.59	113	138008	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
50) Toluene-d8	10.09	98	580546	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.40	95	202310	54.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.30%	
Target Compounds						
3) Chloromethane	2.06	50	4375	1.360	ug/l	91
16) Acetone	3.82	43	61684	47.491	ug/l	99
30) Chloroform	7.38	83	16036	3.380	ug/l	97

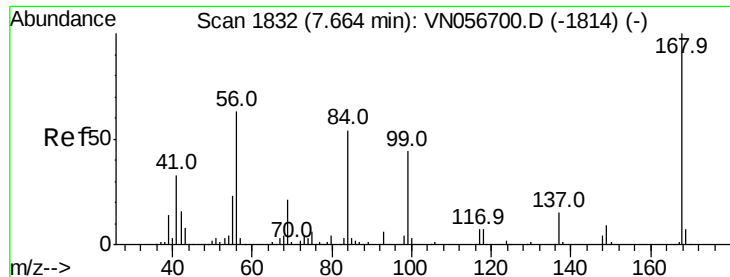
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071819\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056814.D

Acq: 18 Jul 2019 16:04

Instrument :

MSVOA_N

ClientSampled :

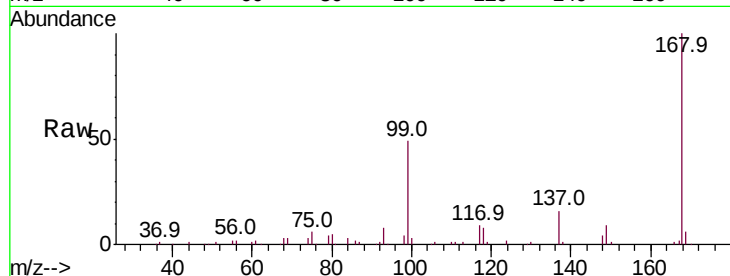
T-1

Tot Ion:168 Resp: 254812

Ion Ratio Lower Upper

168 100

99 49.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

120000

100000

80000

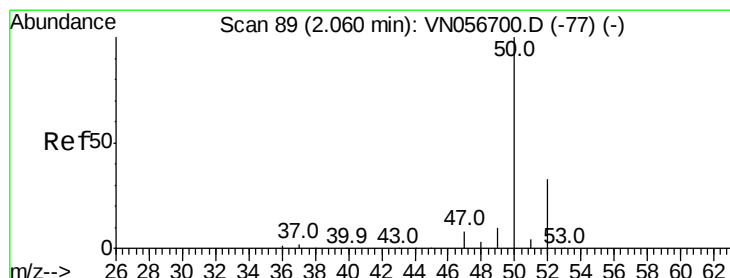
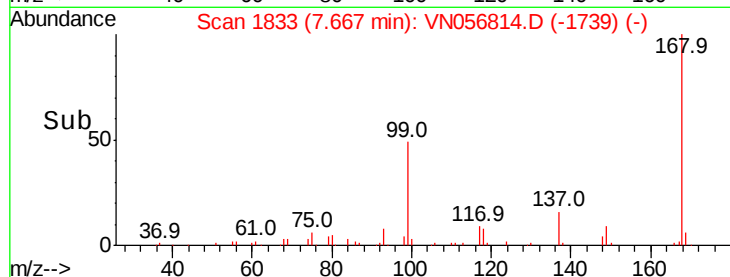
60000

40000

20000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#3

Chloromethane

Concen: 1.360 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056814.D

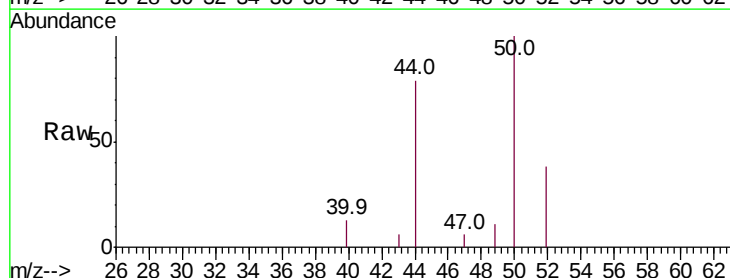
Acq: 18 Jul 2019 16:04

Tgt Ion: 50 Resp: 4375

Ion Ratio Lower Upper

50 100

52 38.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

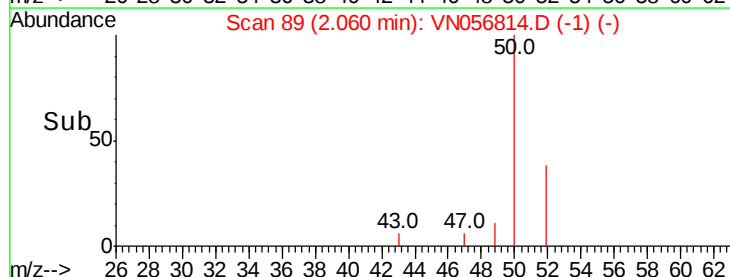
3000

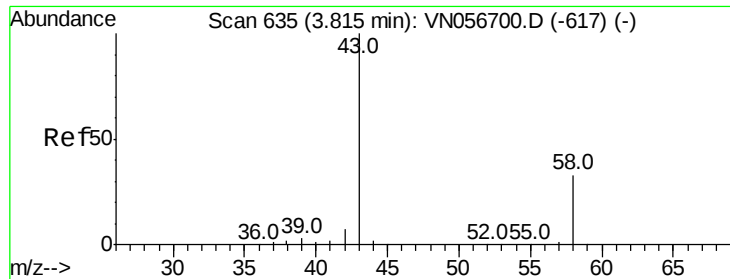
2000

1000

0

Time--> 2.05 2.10





#16

Acetone

Concen: 47.491 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN056814.D

Acq: 18 Jul 2019 16:04

Instrument :

MSVOA_N

ClientSampled :

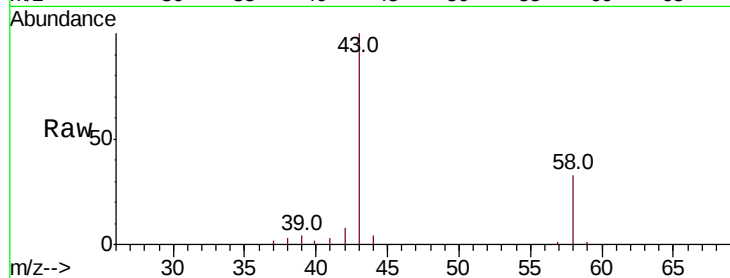
T-1

Tot Ion: 43 Resp: 61684

Ion Ratio Lower Upper

43 100

58 32.7 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

25000

20000

15000

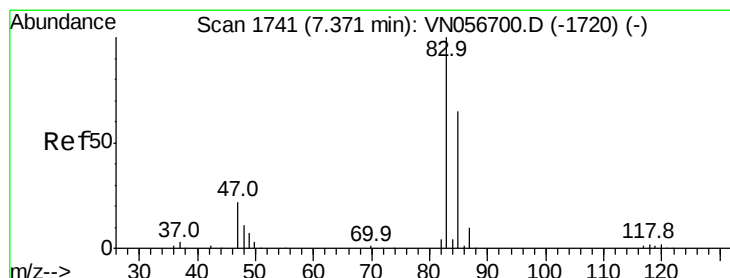
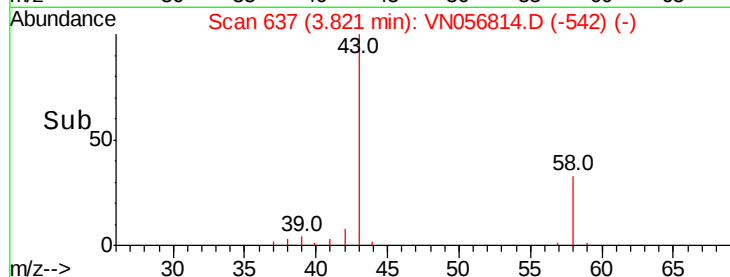
10000

5000

0

Time-->

3.70 3.80 3.90



#30

Chloroform

Concen: 3.380 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VN056814.D

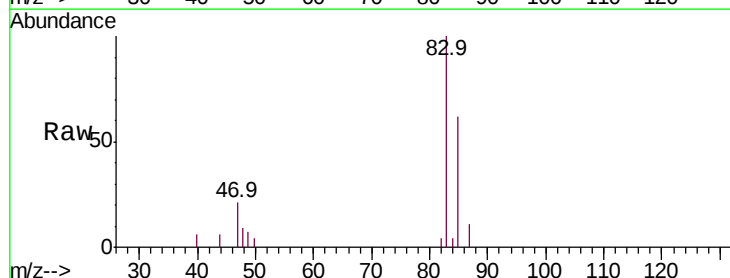
Acq: 18 Jul 2019 16:04

Tgt Ion: 83 Resp: 16036

Ion Ratio Lower Upper

83 100

85 62.2 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

7.38

6000

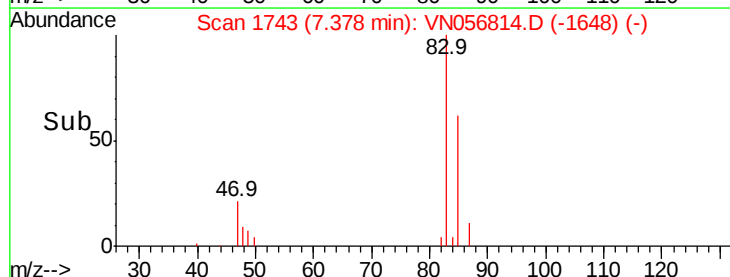
4000

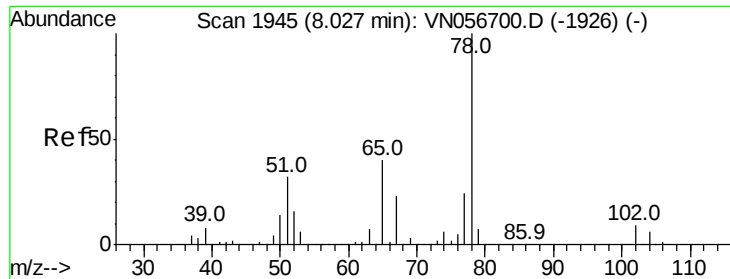
2000

0

Time-->

7.30 7.35 7.40 7.45

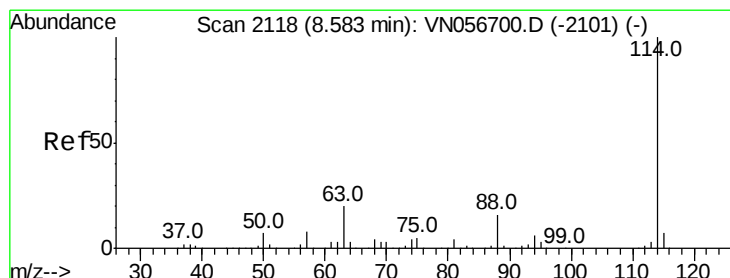
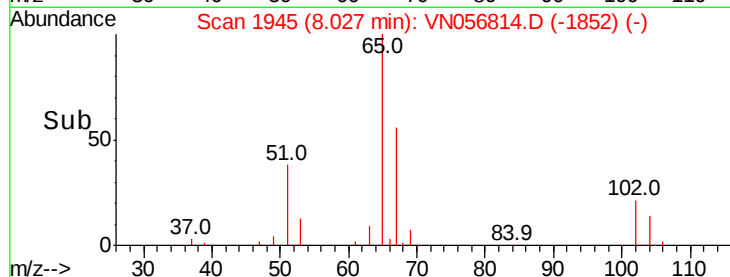
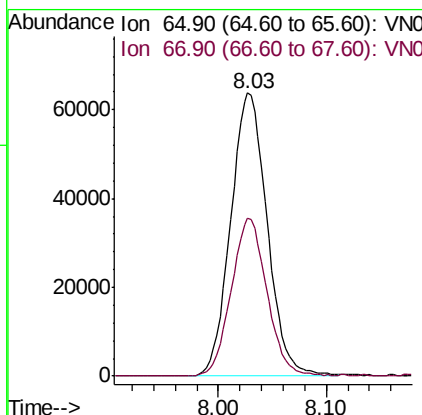
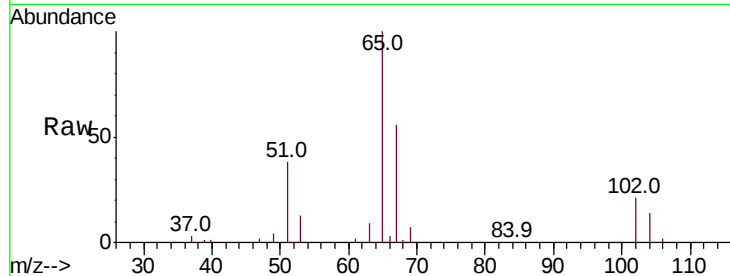




#33
 1,2-Dichloroethane-d4
 Concen: 53.355 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056814.D
 Acq: 18 Jul 2019 16:04

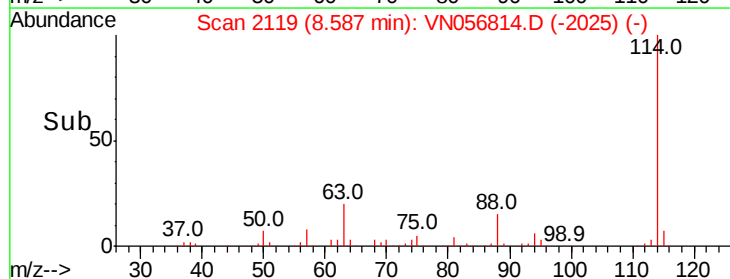
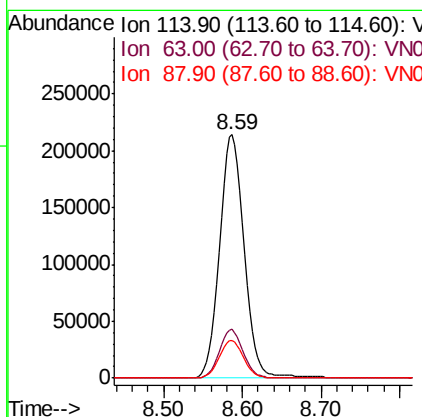
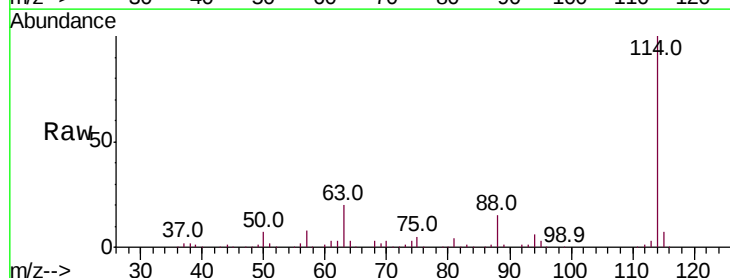
Instrument :
 MSVOA_N
 ClientSampleId :
 T-1

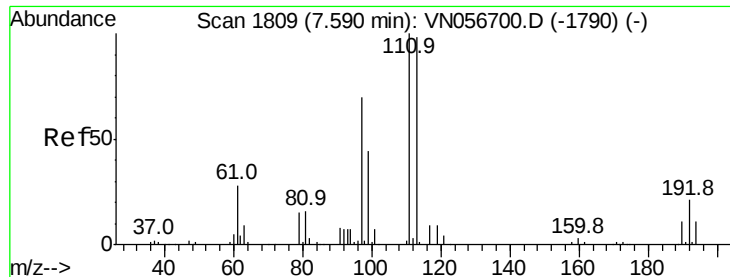
Tot Ion: 65 Resp: 150385
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056814.D
 Acq: 18 Jul 2019 16:04

Tgt Ion: 114 Resp: 460913
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.4
 88 15.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.114 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN056814.D

Acq: 18 Jul 2019 16:04

Instrument :
MSVOA_N
ClientSampleId :
T-1

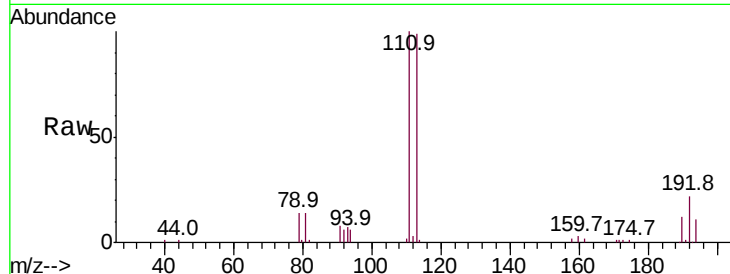
Tot Ion:113 Resp: 138008

Ion Ratio Lower Upper

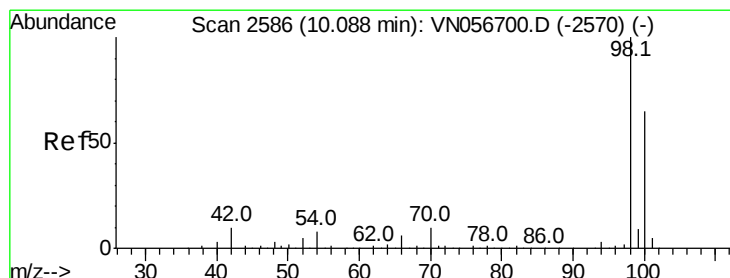
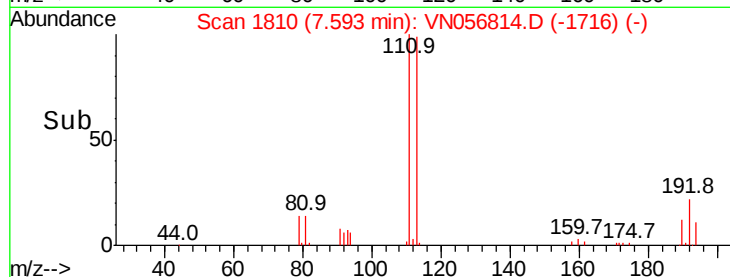
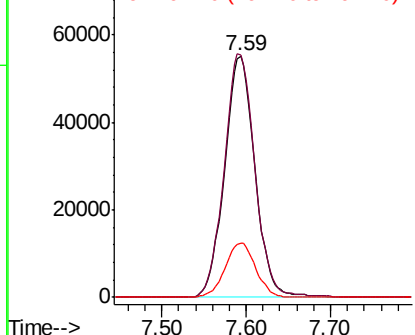
113 100

111 101.7 81.8 122.6

192 22.6 17.5 26.3



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 52.404 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056814.D

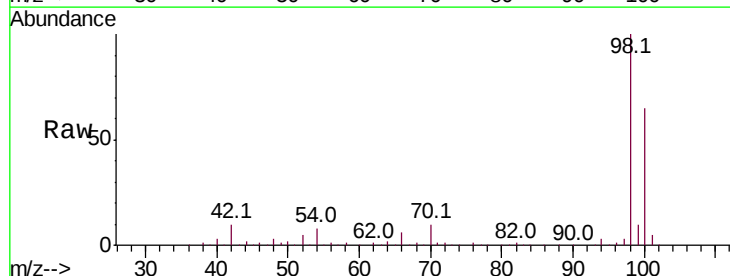
Acq: 18 Jul 2019 16:04

Tgt Ion: 98 Resp: 580546

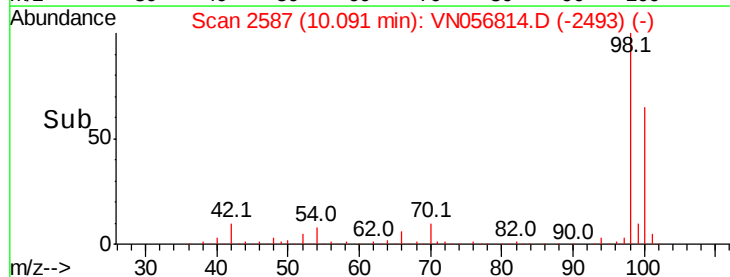
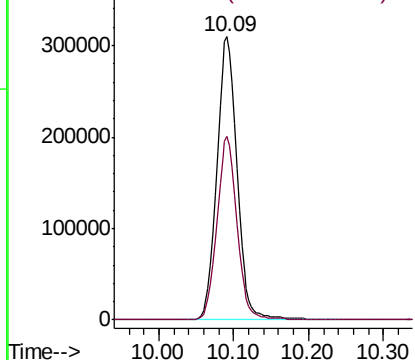
Ion Ratio Lower Upper

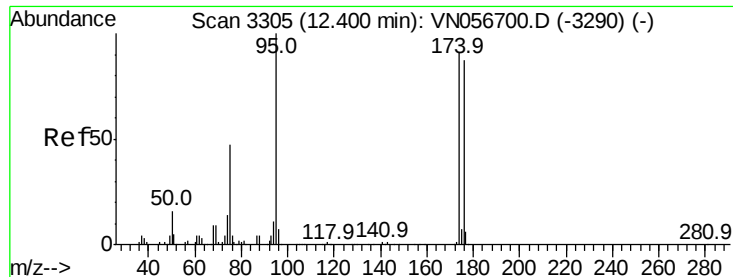
98 100

100 64.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 54.152 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056814.D

Acq: 18 Jul 2019 16:04

Instrument :

MSVOA_N

ClientSampleId :

T-1

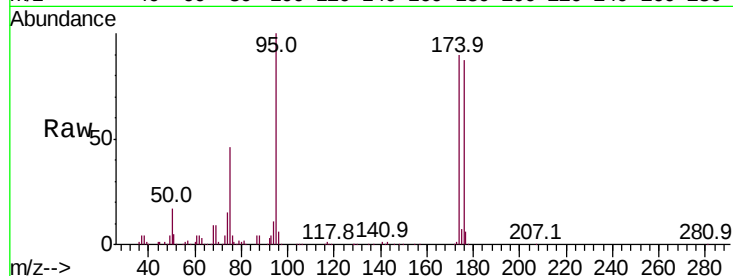
Tot Ion: 95 Resp: 202310

Ion Ratio Lower Upper

95 100

174 91.1 0.0 180.0

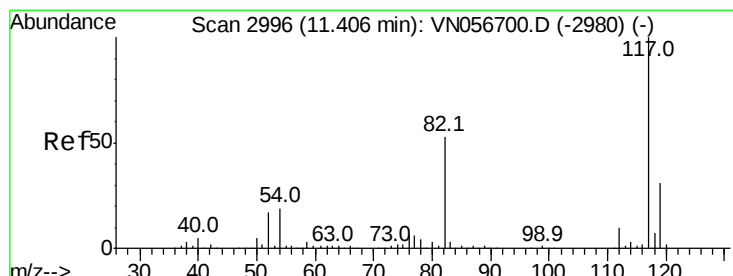
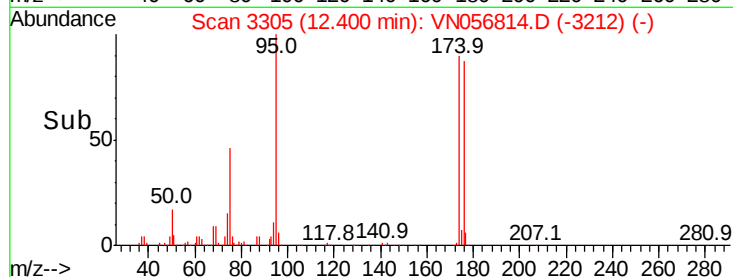
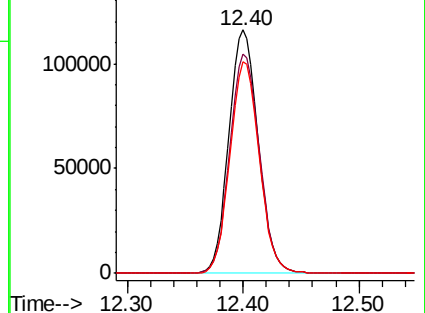
176 86.8 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN056700.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN056700.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN056700.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056814.D

Acq: 18 Jul 2019 16:04

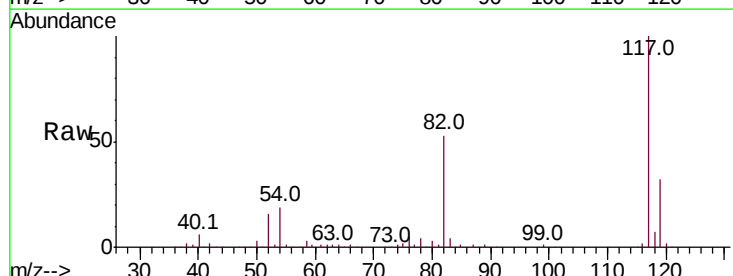
Tgt Ion: 117 Resp: 477124

Ion Ratio Lower Upper

117 100

82 53.2 42.2 63.2

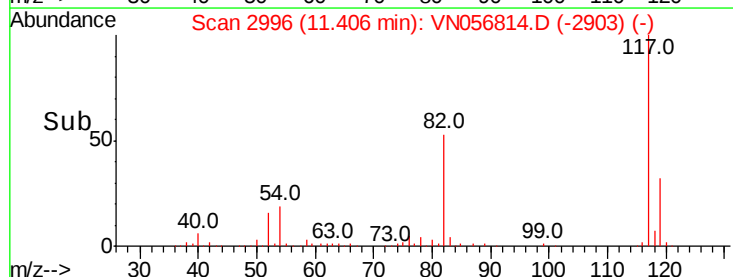
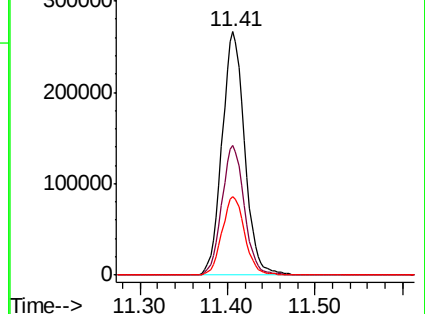
119 32.4 25.2 37.8

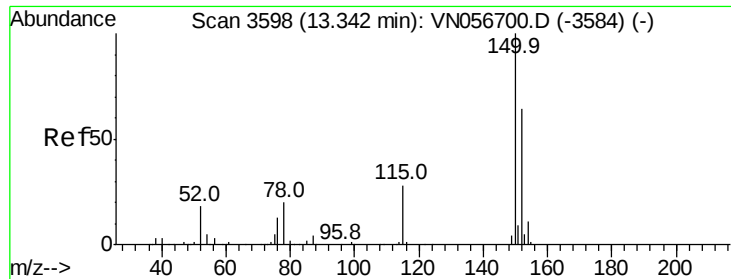


Abundance Ion 116.90 (116.60 to 117.60): VN056700.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN056700.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN056700.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056814.D

Acq: 18 Jul 2019 16:04

Instrument :

MSVOA_N

ClientSampleId :

T-1

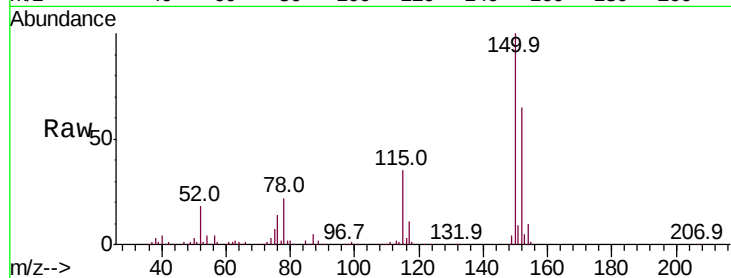
Tot Ion:152 Resp: 157310

Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.7

150 156.6 0.0 345.8



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

