

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
 Data File : VN056367.D
 Acq On : 18 Jun 2019 15:43
 Operator : JC/SP
 Sample : K3157-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-061719-D

Quant Time: Jun 19 03:39:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

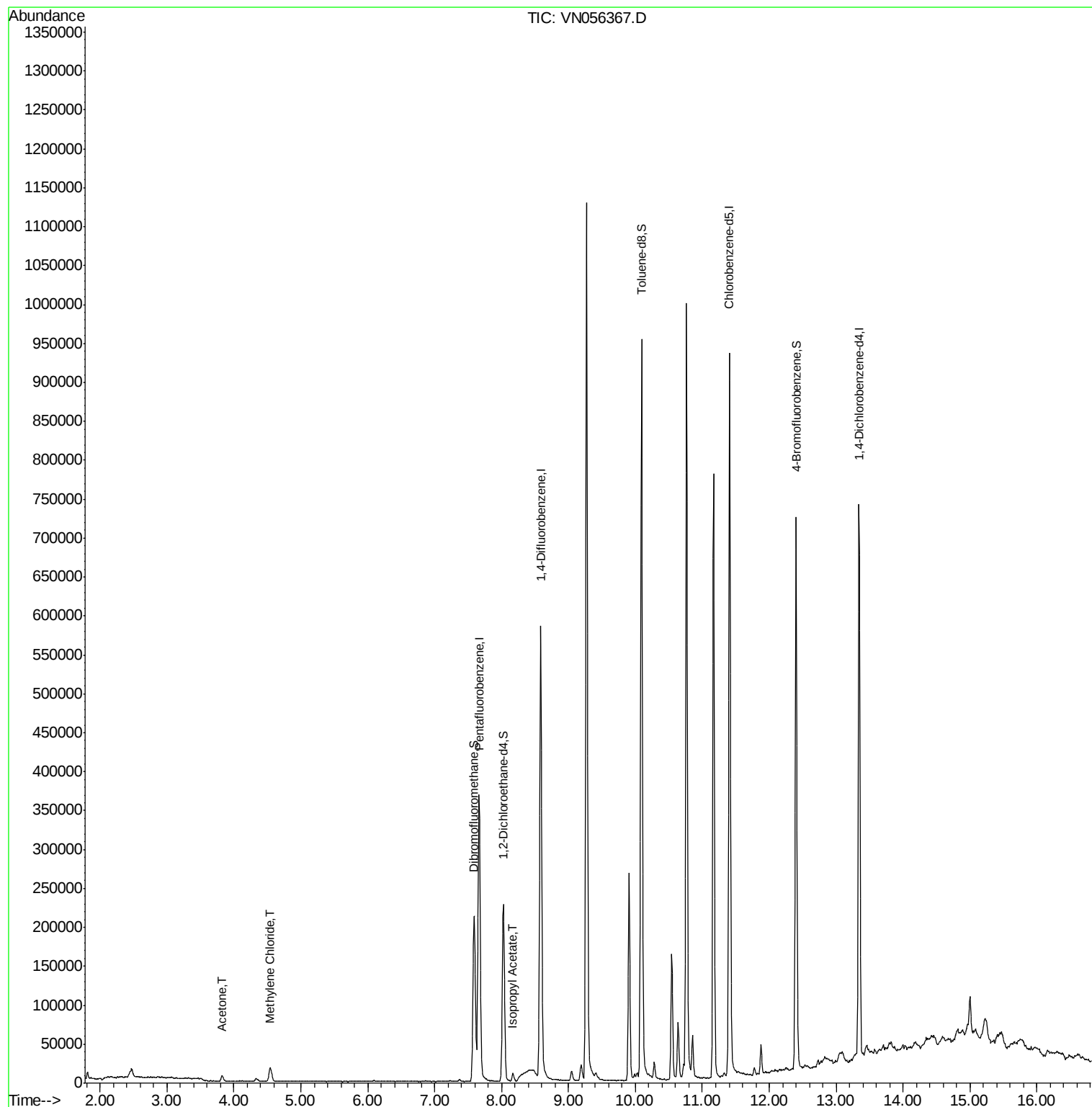
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	335576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	571056	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	587949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	212701	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	193131	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
35) Dibromofluoromethane	7.59	113	165463	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.36%	
50) Toluene-d8	10.09	98	721054	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.40	95	255890	55.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.40%	
Target Compounds						
16) Acetone	3.82	43	13026	6.248	ug/l	97
20) Methylene Chloride	4.54	84	14078	3.824	ug/l	96
43) Isopropyl Acetate	8.17	43	12332	1.583	ug/l	96

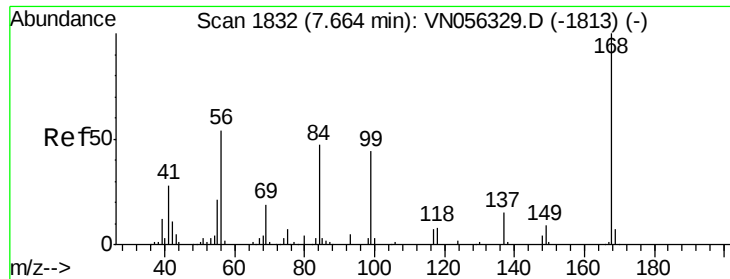
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056367.D

Acq: 18 Jun 2019 15:43

Instrument :

MSVOA_N

ClientSampleId :

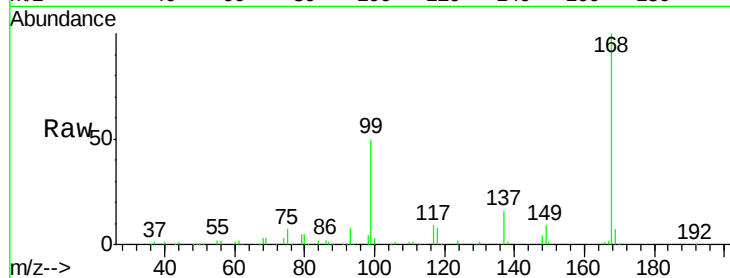
CL-01-061719-D

Tot Ion:168 Resp: 335576

Ion Ratio Lower Upper

168 100

99 50.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN056367.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056367.D (-1739) (-)

7.66

150000

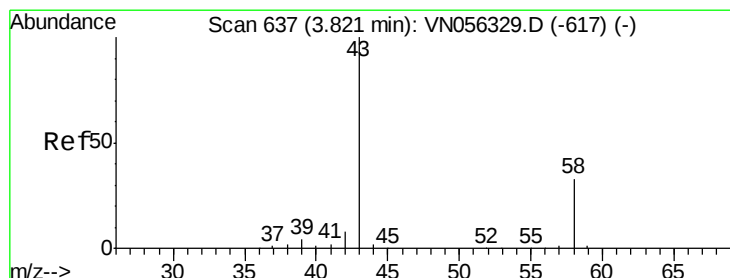
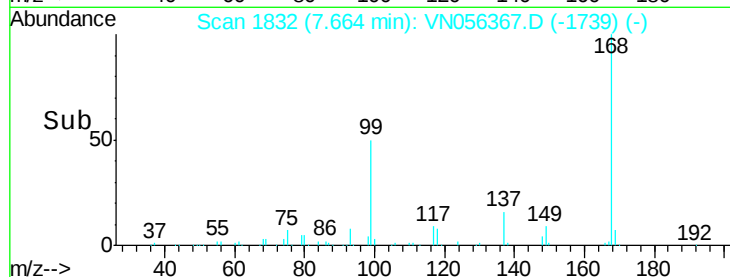
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.248 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN056367.D

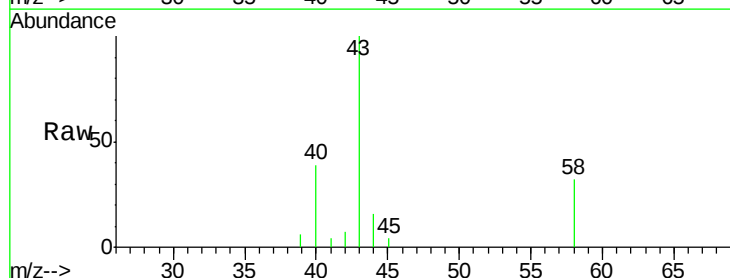
Acq: 18 Jun 2019 15:43

Tgt Ion: 43 Resp: 13026

Ion Ratio Lower Upper

43 100

58 31.6 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VN056367.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN056367.D (-544) (-)

3.82

5000

4000

3000

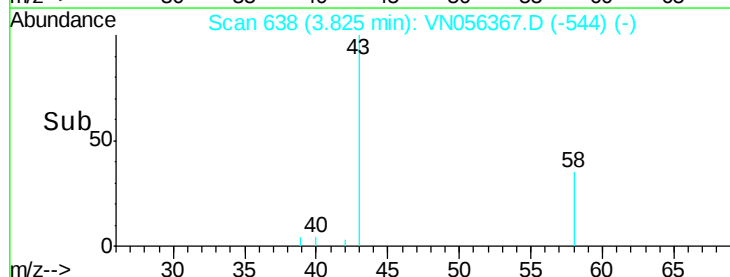
2000

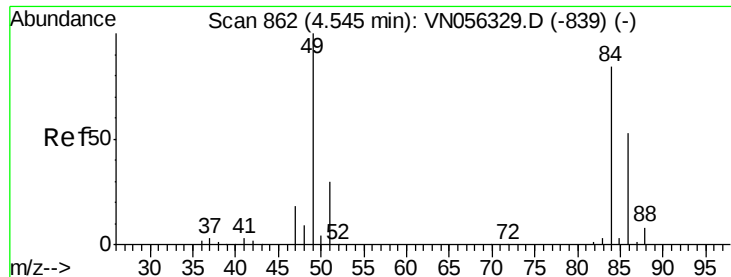
1000

0

3.70 3.80 3.90

Time-->

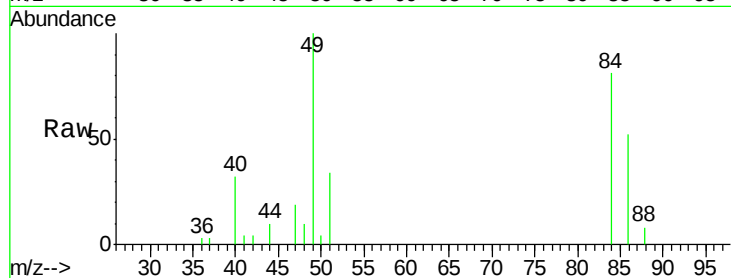




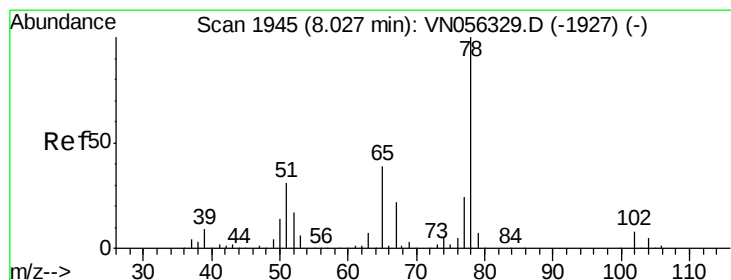
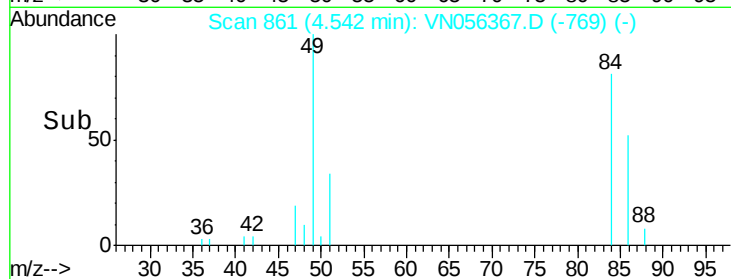
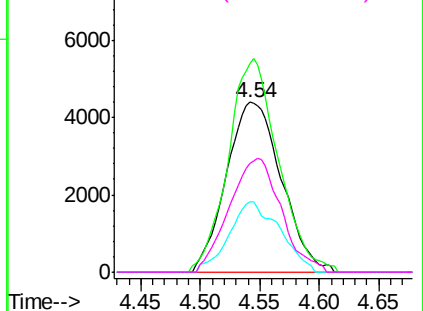
#20
Methylene Chloride
Concen: 3.824 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056367.D
Acq: 18 Jun 2019 15:43

Instrument :
MSVOA_N
ClientSampleId :
CL-01-061719-D

Tot Ion: 84 Resp: 14078
Ion Ratio Lower Upper
84 100
49 123.1 95.0 142.6
51 41.4 28.2 42.4
86 64.1 50.6 75.8

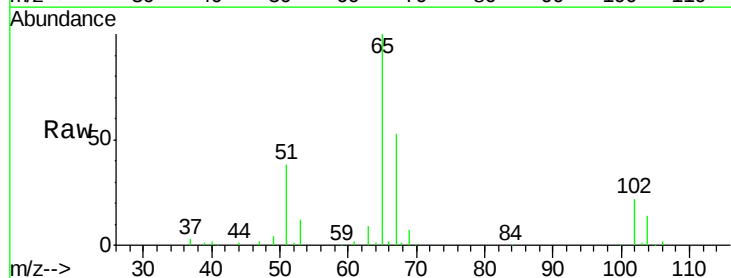


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

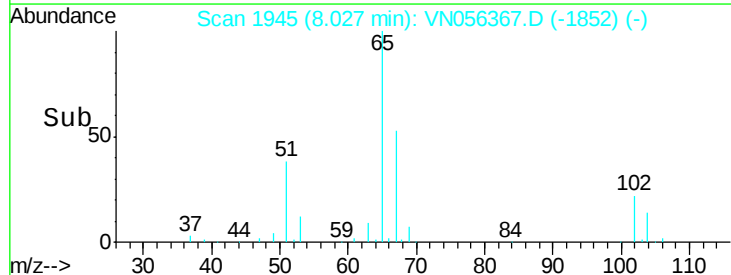
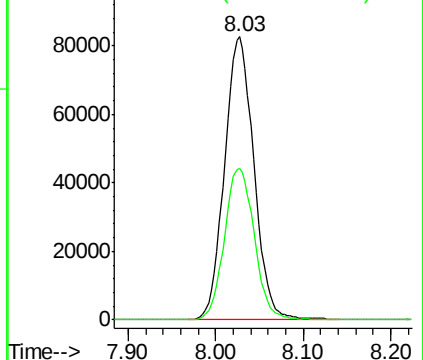


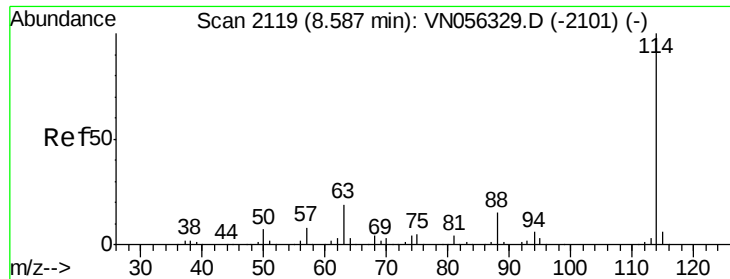
#33
1,2-Dichloroethane-d4
Concen: 51.184 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056367.D
Acq: 18 Jun 2019 15:43

Tgt Ion: 65 Resp: 193131
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

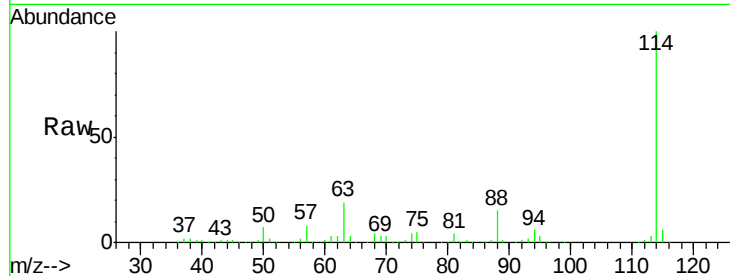




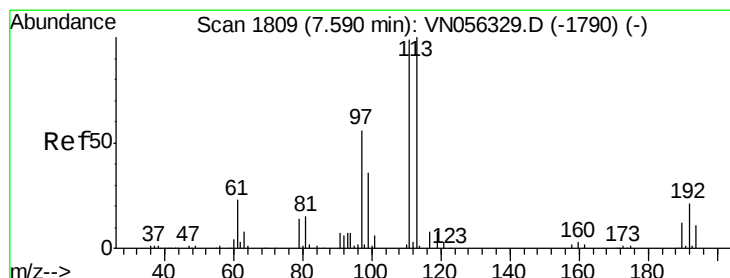
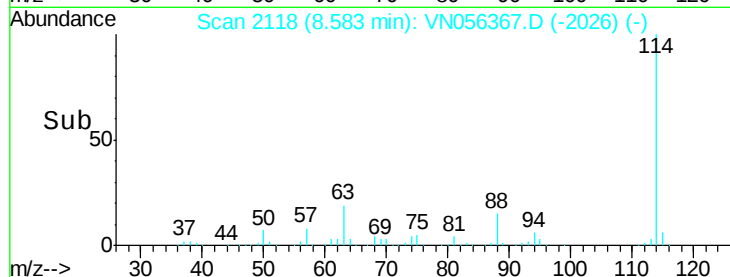
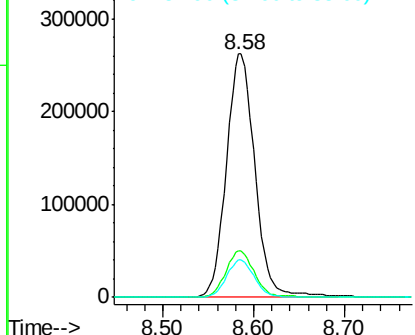
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN056367.D
 Acq: 18 Jun 2019 15:43

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-061719-D

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.8
88	15.4	0.0	30.6

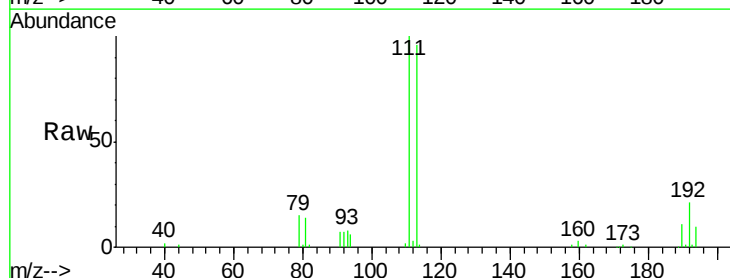


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

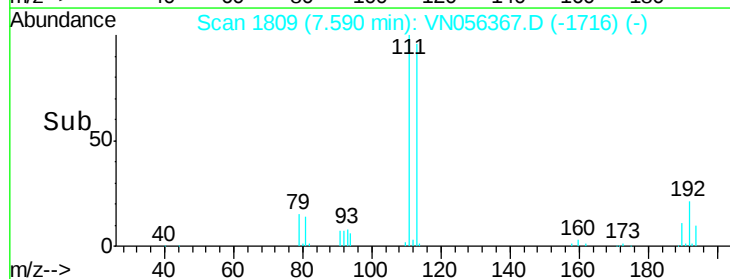
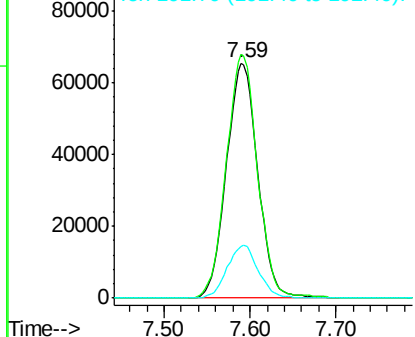


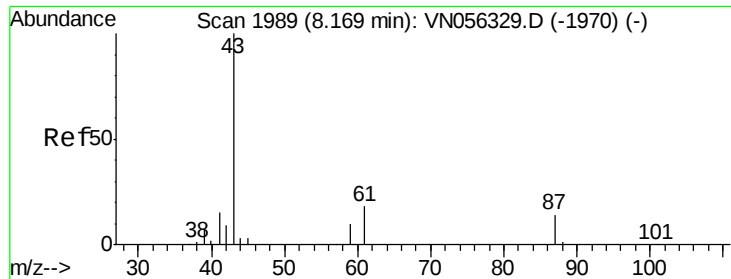
#35
 Dibromofluoromethane
 Concen: 45.183 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056367.D
 Acq: 18 Jun 2019 15:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.1	123.1
192	22.2	17.6	26.4



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





#43

Isopropyl Acetate

Concen: 1.583 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056367.D

Acq: 18 Jun 2019 15:43

Instrument :

MSVOA_N

ClientSampled :

CL-01-061719-D

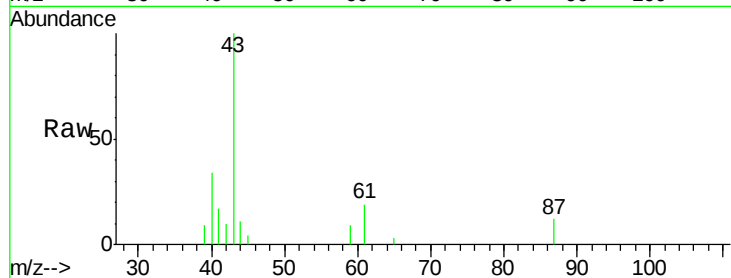
Tot Ion: 43 Resp: 12332

Ion Ratio Lower Upper

43 100

61 19.6 16.6 25.0

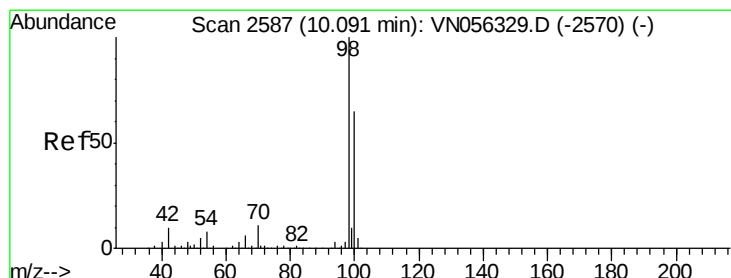
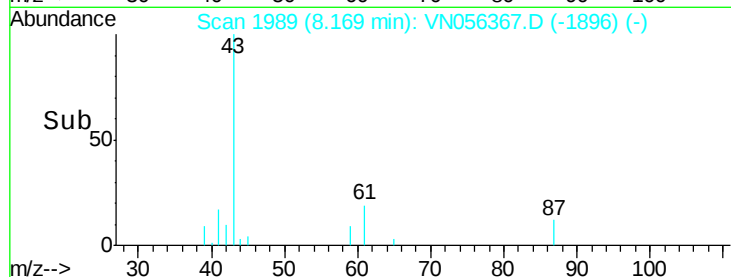
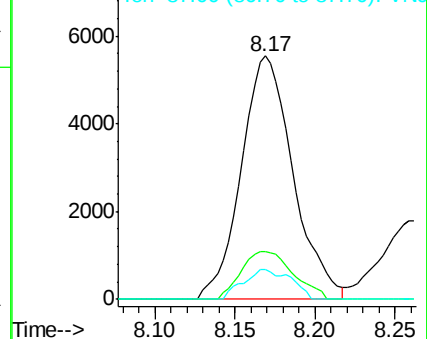
87 11.2 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 51.540 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056367.D

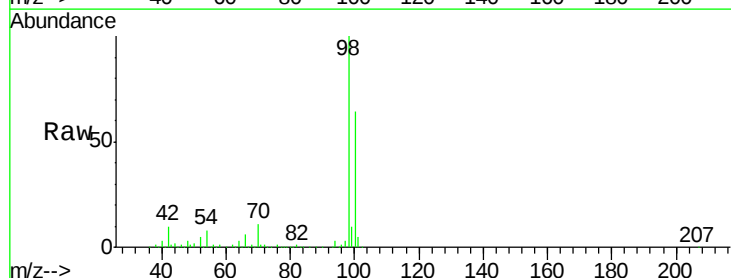
Acq: 18 Jun 2019 15:43

Tgt Ion: 98 Resp: 721054

Ion Ratio Lower Upper

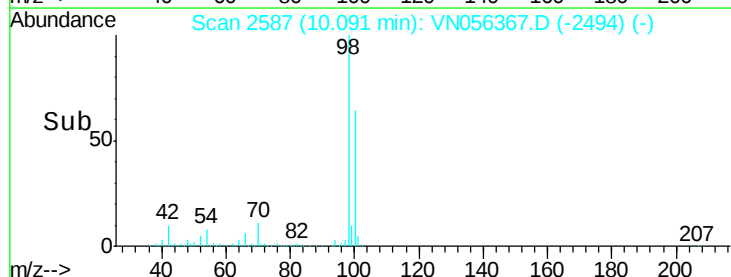
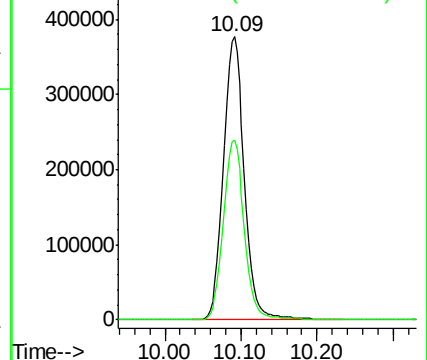
98 100

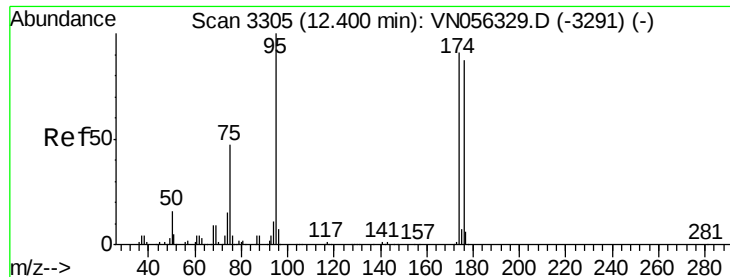
100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 55.197 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056367.D

Acq: 18 Jun 2019 15:43

Instrument :

MSVOA_N

ClientSampleId :

CL-01-061719-D

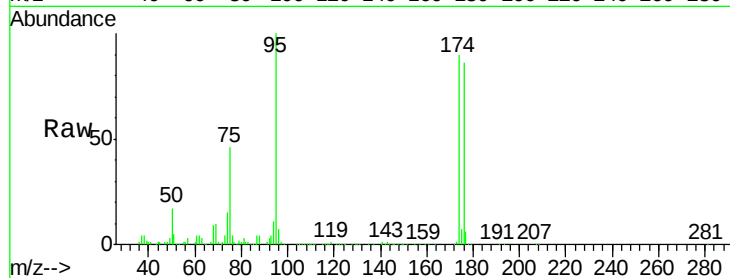
Tot Ion: 95 Resp: 255890

Ion Ratio Lower Upper

95 100

174 90.5 0.0 182.6

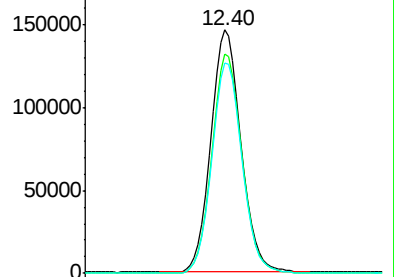
176 87.1 0.0 176.8



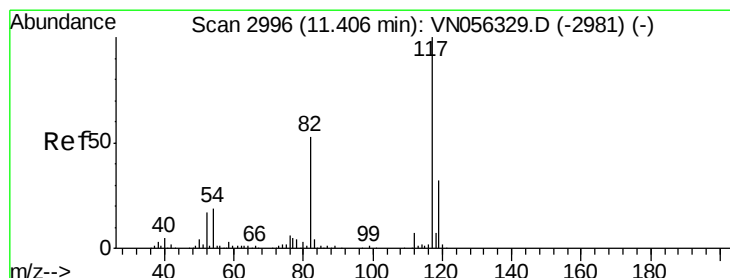
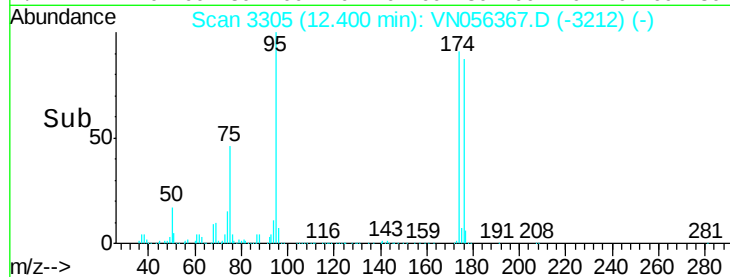
Abundance Ion 94.90 (94.60 to 95.60): VN056367.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN056367.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN056367.D (-3212) (-)



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056367.D

Acq: 18 Jun 2019 15:43

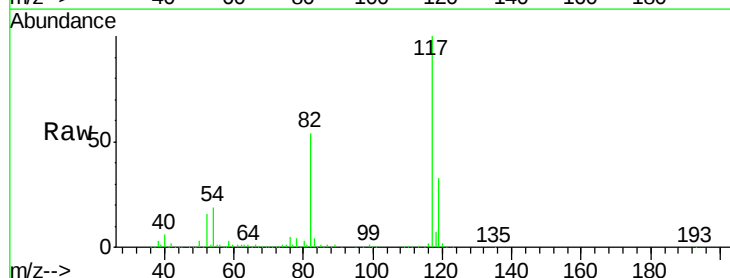
Tgt Ion: 117 Resp: 587949

Ion Ratio Lower Upper

117 100

82 53.7 42.4 63.6

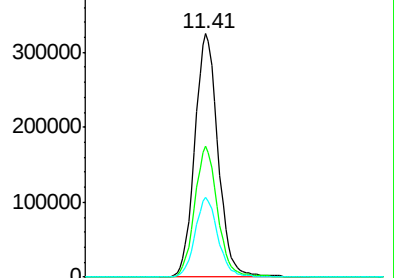
119 32.7 26.0 39.0



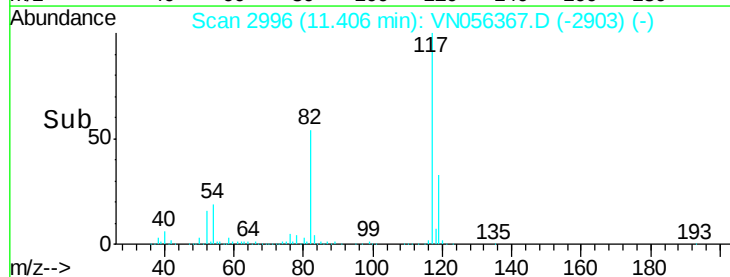
Abundance Ion 116.90 (116.60 to 117.60): VN056367.D (-2903) (-)

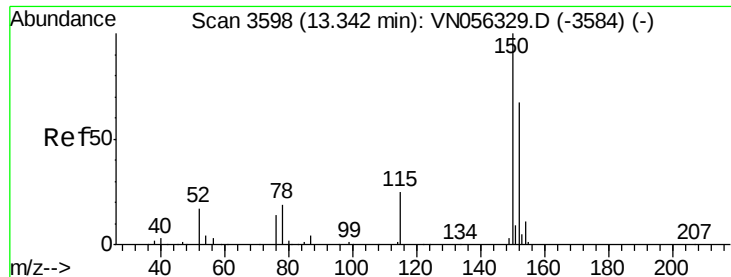
Ion 82.00 (81.70 to 82.70): VN056367.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN056367.D (-2903) (-)



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056367.D

Acq: 18 Jun 2019 15:43

Instrument :

MSVOA_N

ClientSampleId :

CL-01-061719-D

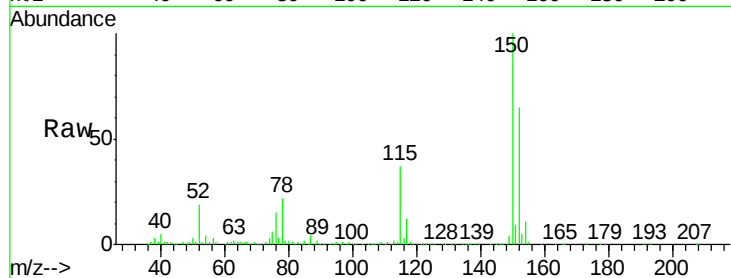
Tot Ion:152 Resp: 212701

Ion Ratio Lower Upper

152 100

115 56.9 27.8 83.3

150 157.1 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

