

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
 Data File : VN056363.D
 Acq On : 18 Jun 2019 14:08
 Operator : JC/SP
 Sample : K3157-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jun 19 03:21:34 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

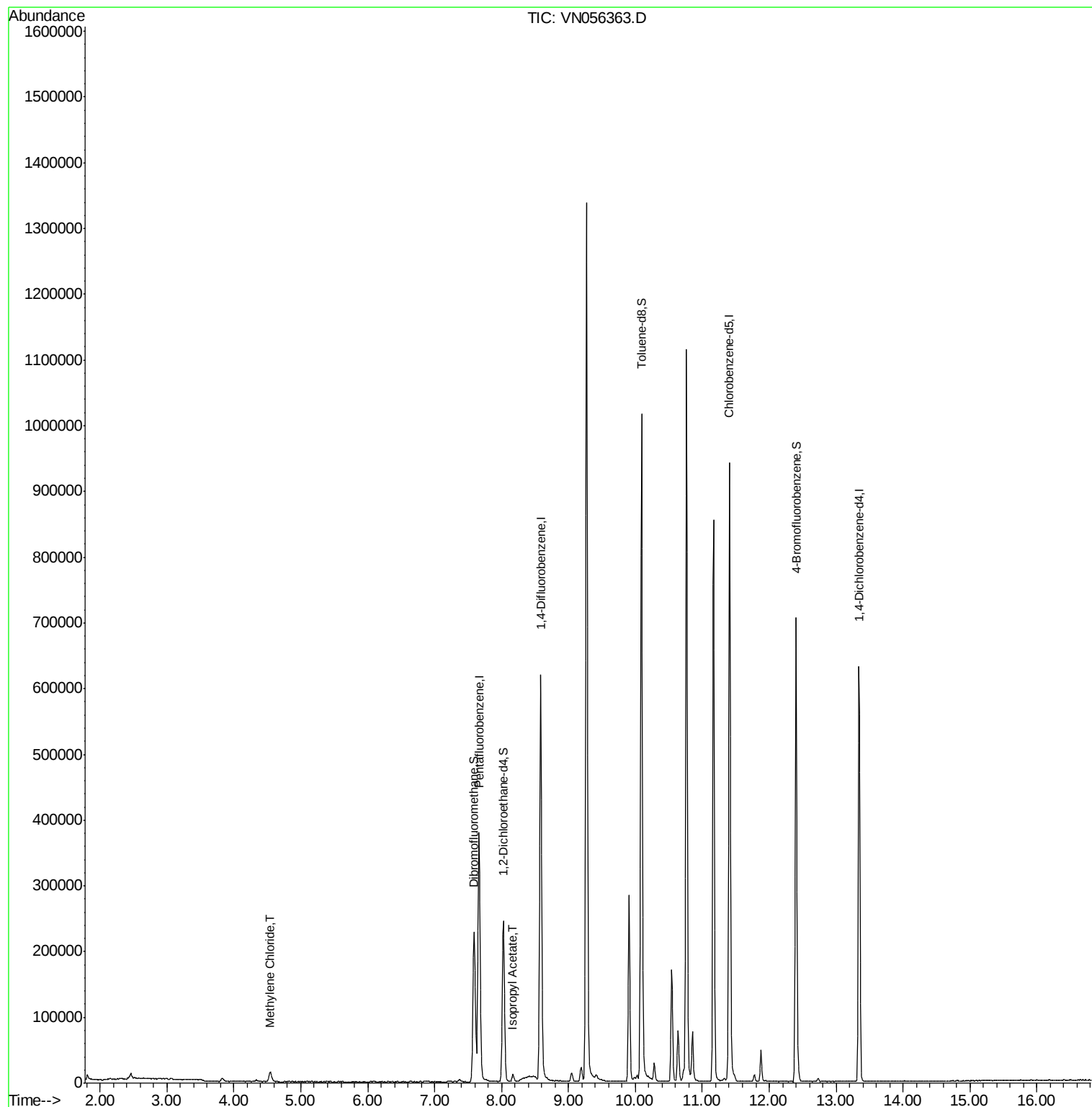
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	346325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	590914	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	606137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	190052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	203595	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.56%	
35) Dibromofluoromethane	7.59	113	175458	46.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.60%	
50) Toluene-d8	10.09	98	752419	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.40	95	250135	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
Target Compounds						
20) Methylene Chloride	4.55	84	11471	3.019	ug/l	98
43) Isopropyl Acetate	8.17	43	12709	1.577	ug/l	97

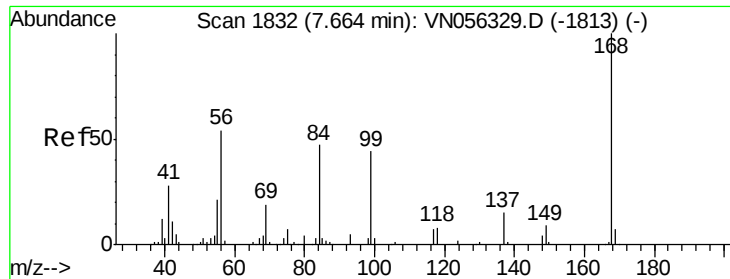
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061819\
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Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:23:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056363.D

Acq: 18 Jun 2019 14:08

Instrument :

MSVOA_N

ClientSampleId :

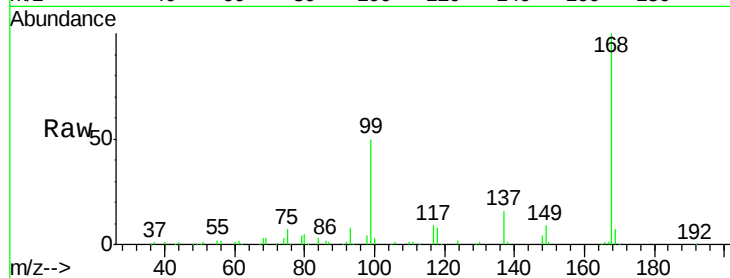
CL-01-061719-E

Tot Ion:168 Resp: 346325

Ion Ratio Lower Upper

168 100

99 49.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

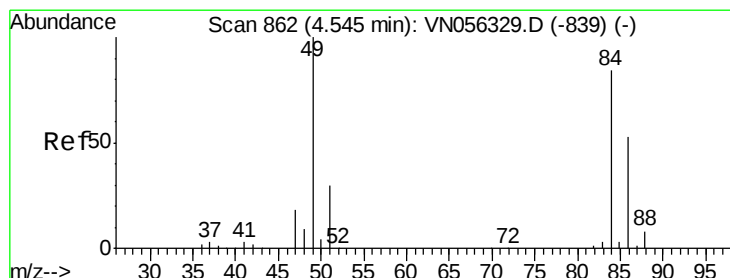
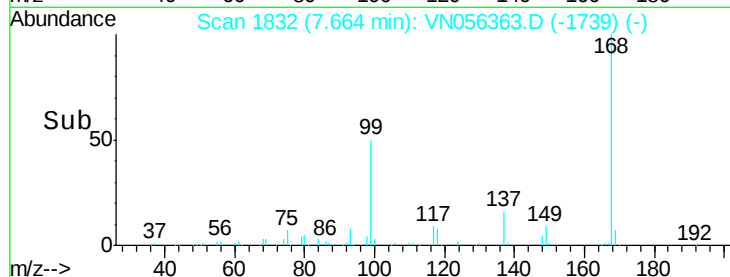
100000

50000

0

7.60 7.70 7.80

Time-->



#20

Methylene Chloride

Concen: 3.019 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN056363.D

Acq: 18 Jun 2019 14:08

Tgt Ion: 84 Resp: 11471

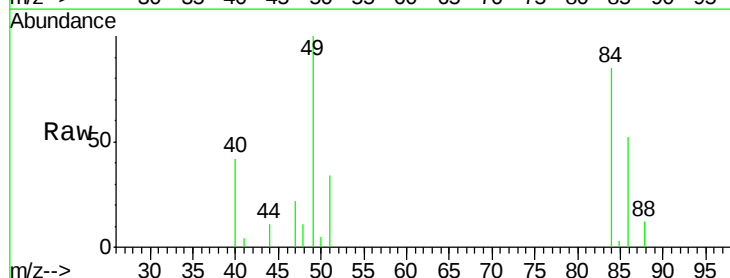
Ion Ratio Lower Upper

84 100

49 118.0 95.0 142.6

51 39.7 28.2 42.4

86 61.3 50.6 75.8



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

6000

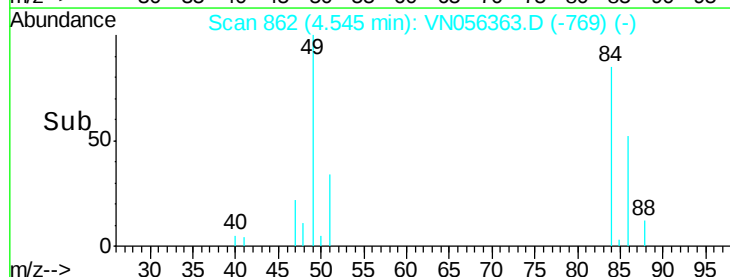
4000

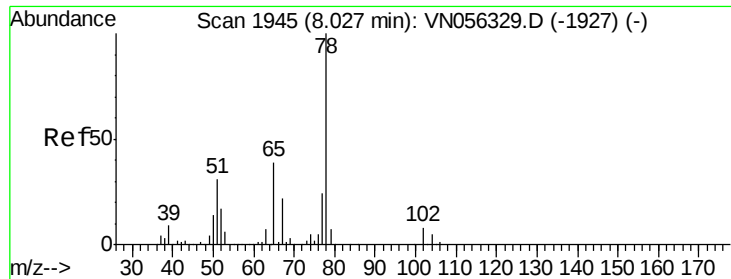
2000

0

4.45 4.50 4.55 4.60 4.65

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.283 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056363.D

Acq: 18 Jun 2019 14:08

Instrument :

MSVOA_N

ClientSampleId :

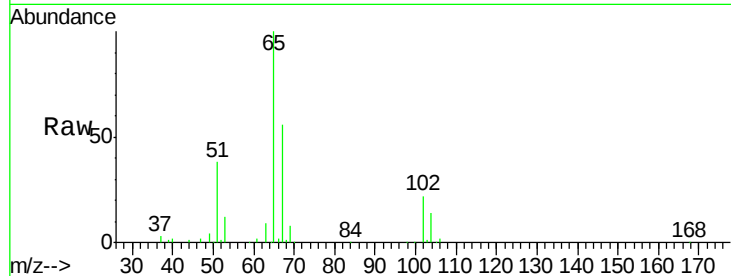
CL-01-061719-E

Tot Ion: 65 Resp: 203595

Ion Ratio Lower Upper

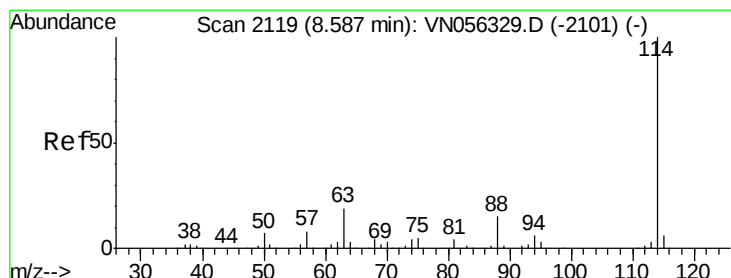
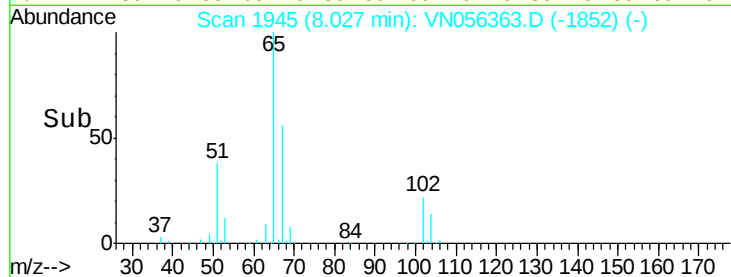
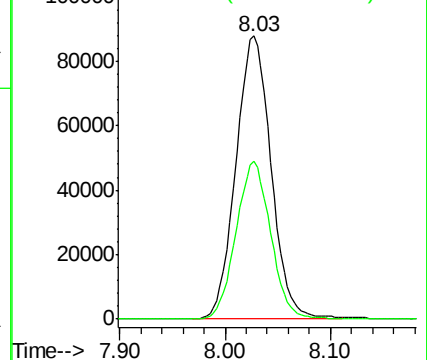
65 100

67 54.7 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN056363.D

Acq: 18 Jun 2019 14:08

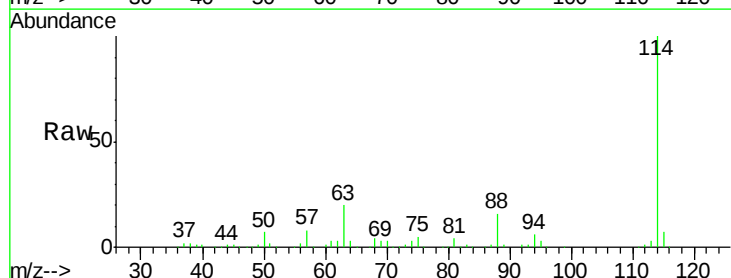
Tgt Ion: 114 Resp: 590914

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.8

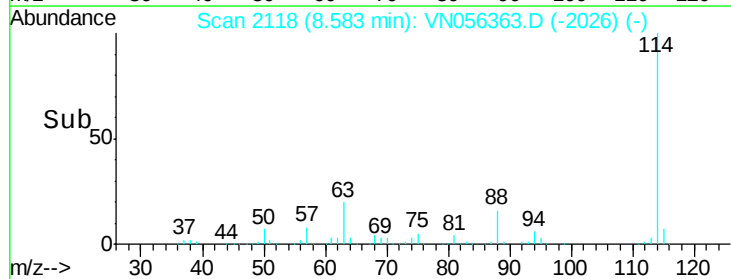
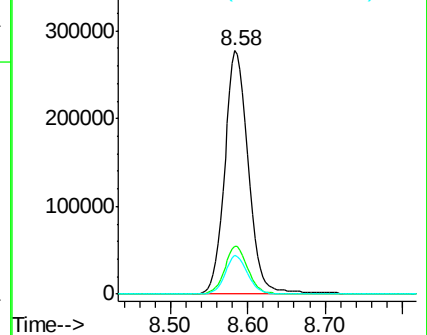
88 15.8 0.0 30.6

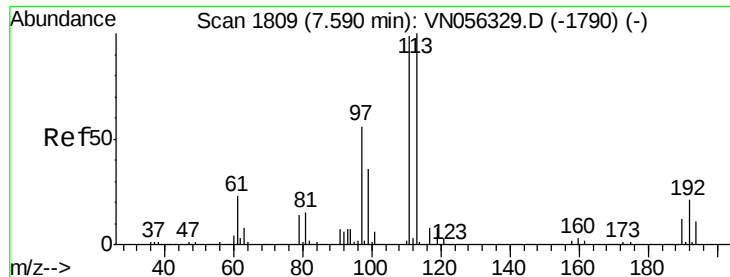


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

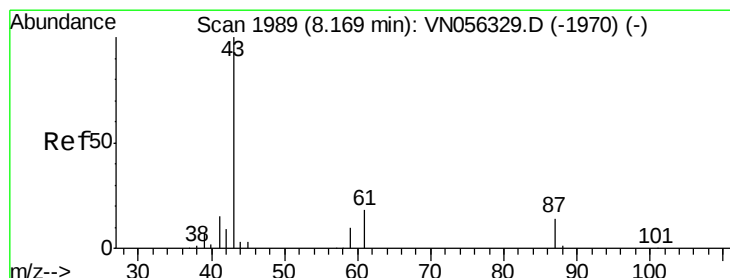
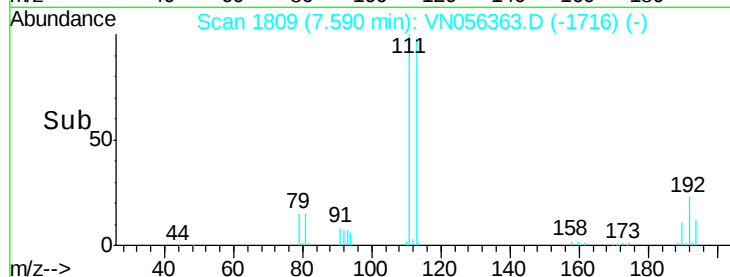
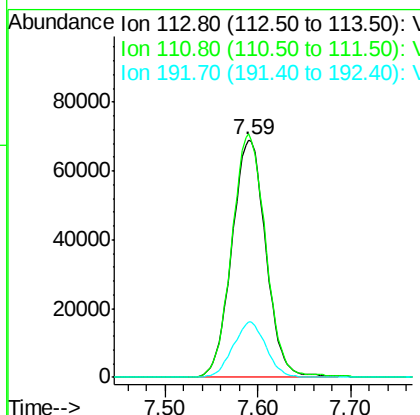
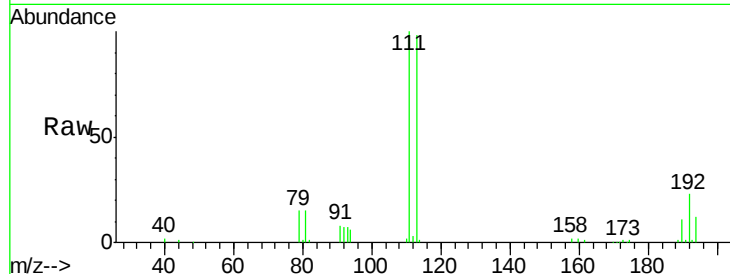




#35
 Dibromofluoromethane
 Concen: 46.302 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056363.D
 Acq: 18 Jun 2019 14:08

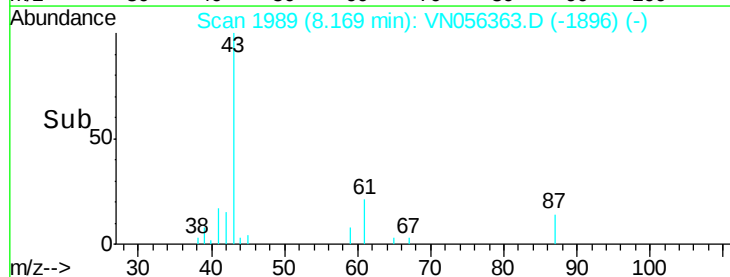
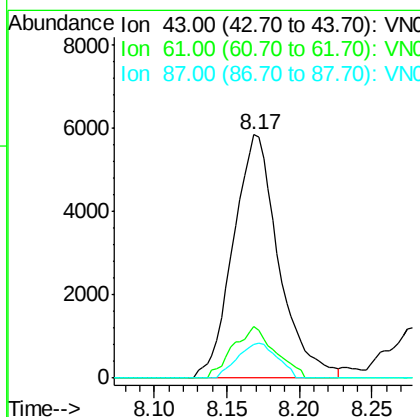
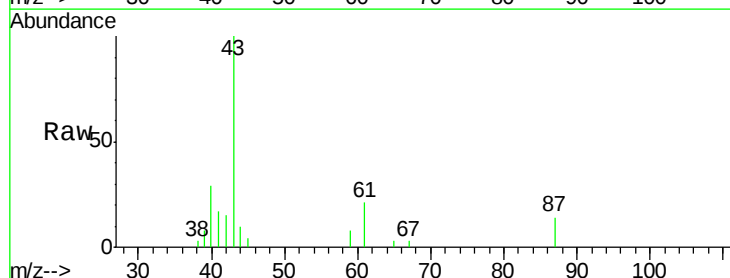
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-061719-E

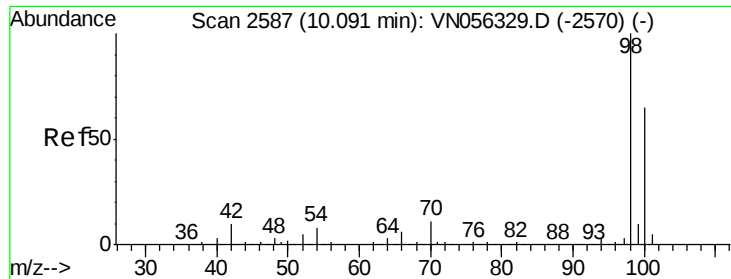
Tot Ion:113 Resp: 175458
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.1 123.1
 192 22.6 17.6 26.4



#43
 Isopropyl Acetate
 Concen: 1.577 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN056363.D
 Acq: 18 Jun 2019 14:08

Tgt Ion: 43 Resp: 12709
 Ion Ratio Lower Upper
 43 100
 61 19.5 16.6 25.0
 87 12.6 11.0 16.4





#50

Toluene-d8

Concen: 51.975 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056363.D

Acq: 18 Jun 2019 14:08

Instrument :

MSVOA_N

ClientSampleId :

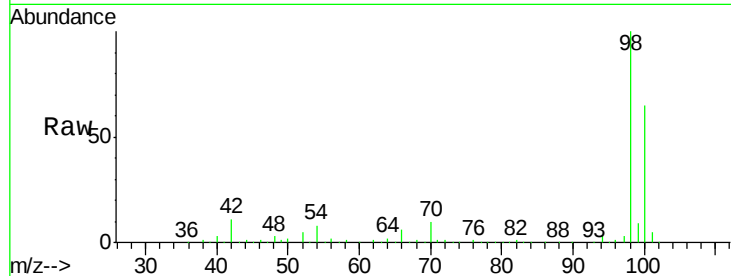
CL-01-061719-E

Tot Ion: 98 Resp: 752419

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN056329.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056329.D (-2570) (-)

10.09

400000

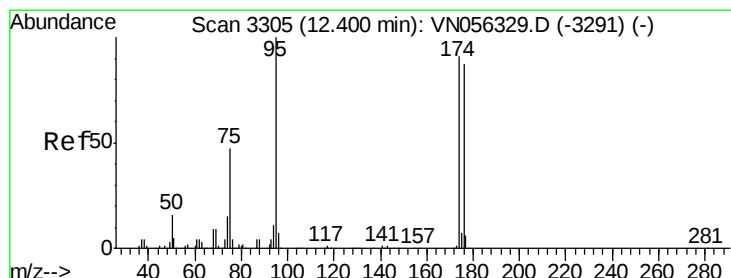
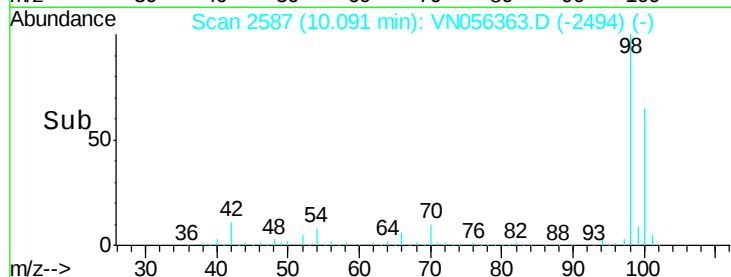
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.143 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056363.D

Acq: 18 Jun 2019 14:08

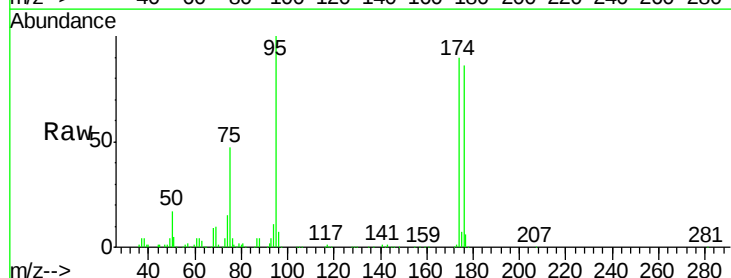
Tgt Ion: 95 Resp: 250135

Ion Ratio Lower Upper

95 100

174 91.1 0.0 182.6

176 87.7 0.0 176.8



Abundance Ion 94.90 (94.60 to 95.60): VN056329.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056329.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056329.D (-3291) (-)

12.40

200000

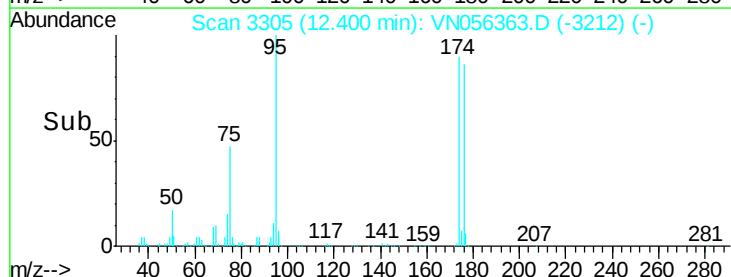
150000

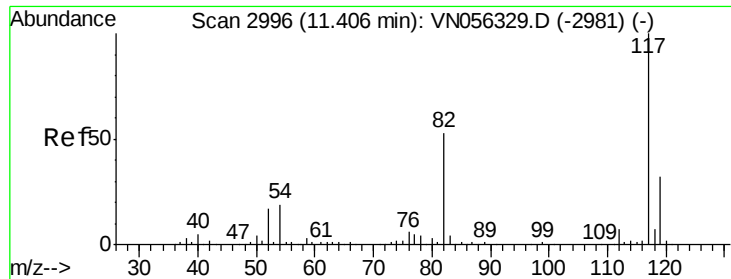
100000

50000

0

Time-->

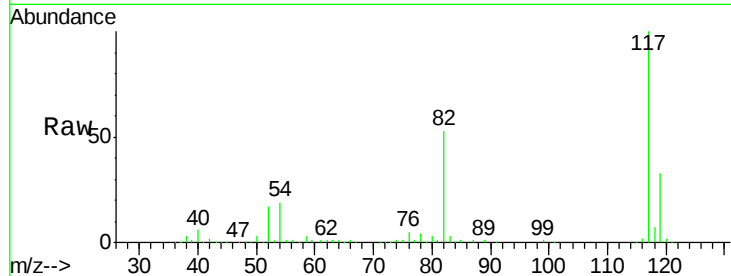




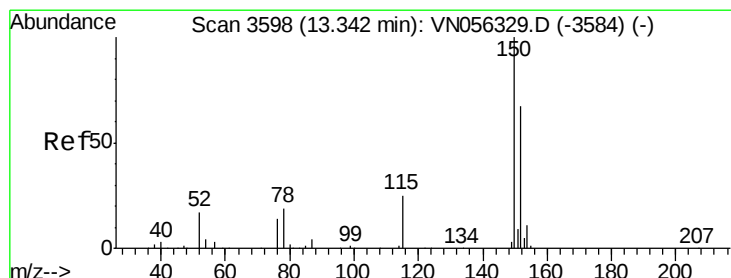
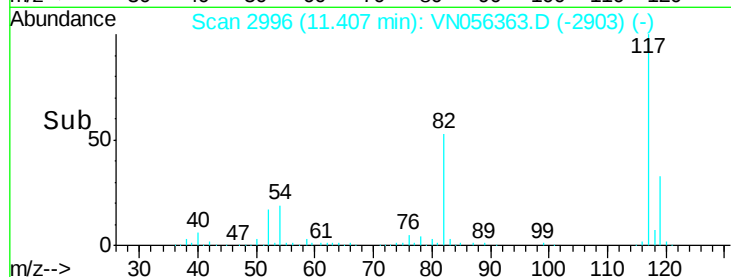
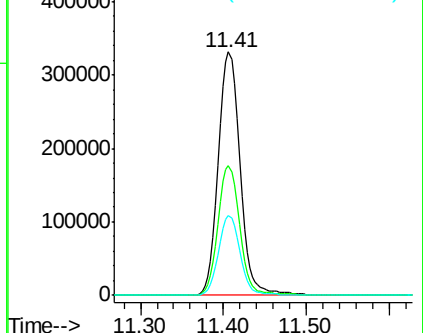
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056363.D
Acq: 18 Jun 2019 14:08

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

Tot Ion:117 Resp: 606137
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 32.8 26.0 39.0

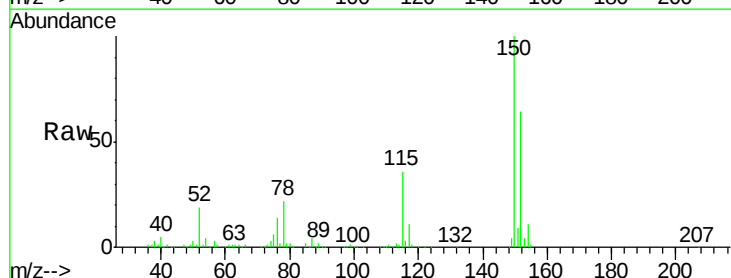


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056363.D
Acq: 18 Jun 2019 14:08

Tgt Ion:152 Resp: 190052
Ion Ratio Lower Upper
152 100
115 56.7 27.8 83.3
150 158.3 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

