

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
 Data File : VN056614.D
 Acq On : 8 Jul 2019 17:04
 Operator : JC/SP
 Sample : K3624-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-070319-B

Quant Time: Jul 09 04:37:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

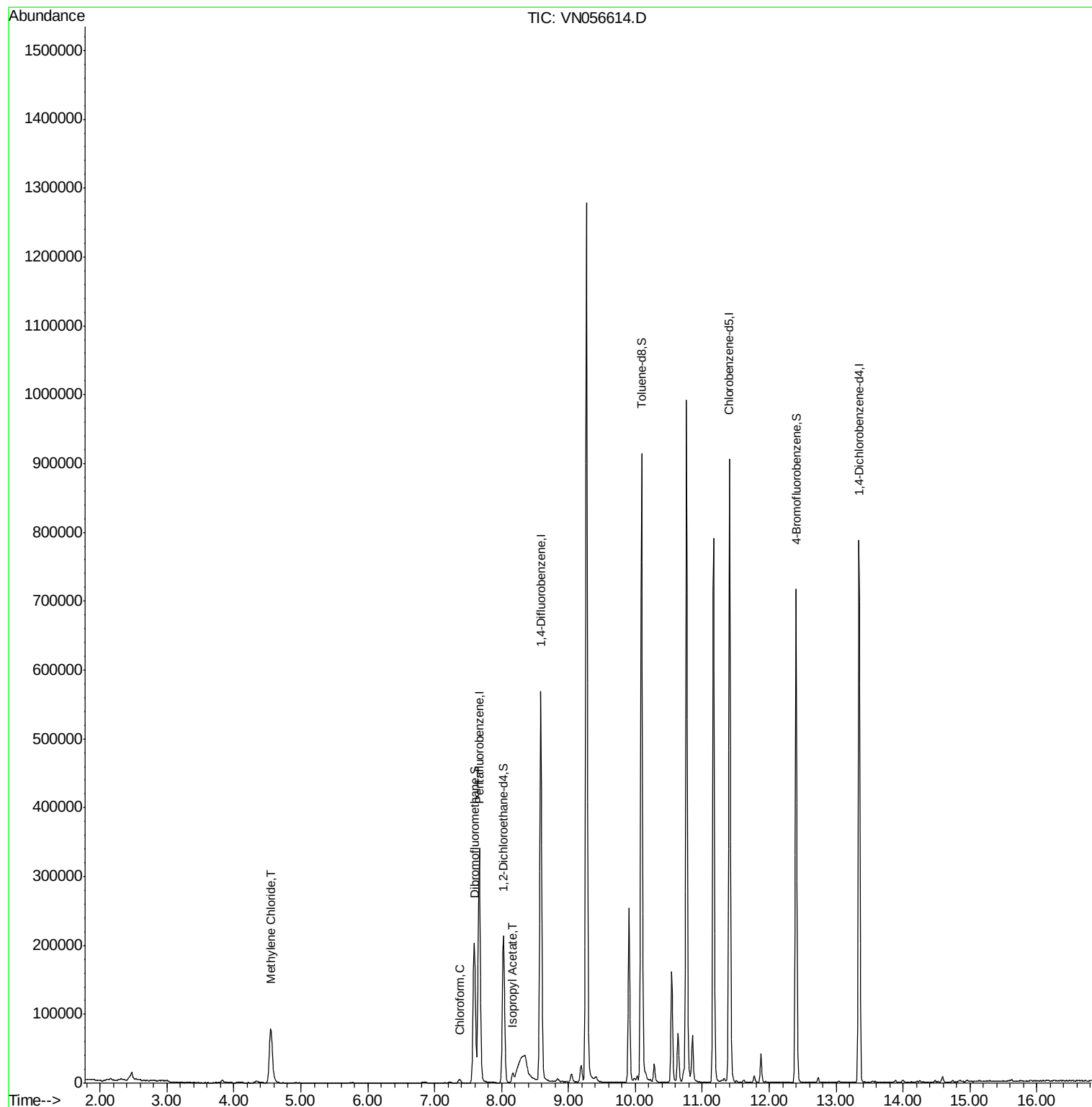
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	300893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	528216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	561560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	230899	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	177528	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
35) Dibromofluoromethane	7.59	113	158235	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
50) Toluene-d8	10.09	98	670387	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.56%	
62) 4-Bromofluorobenzene	12.40	95	254825	59.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.24%	
Target Compounds						
20) Methylene Chloride	4.55	84	66866	20.708	ug/l	97
30) Chloroform	7.37	83	5625	1.069	ug/l	97
43) Isopropyl Acetate	8.17	43	18422	2.615	ug/l #	91

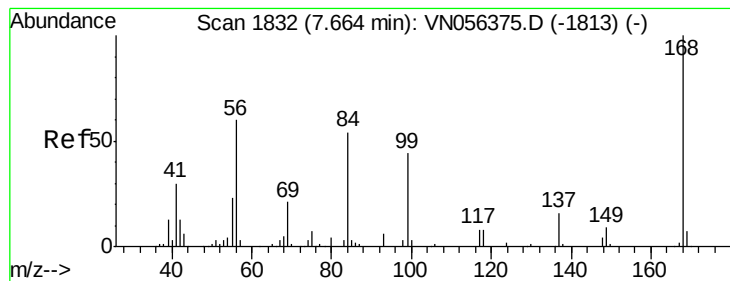
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056614.D

Acq: 8 Jul 2019 17:04

Instrument :

MSVOA_N

ClientSampleId :

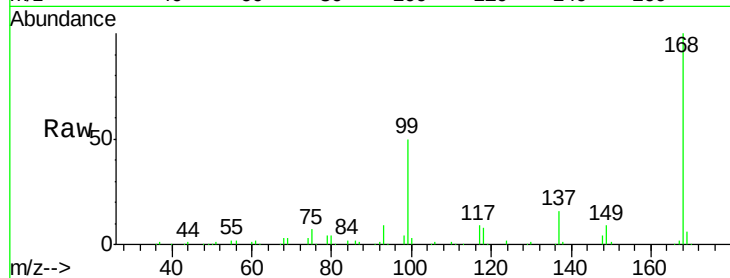
PL-01-070319-B

Tot Ion:168 Resp: 300893

Ion Ratio Lower Upper

168 100

99 50.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

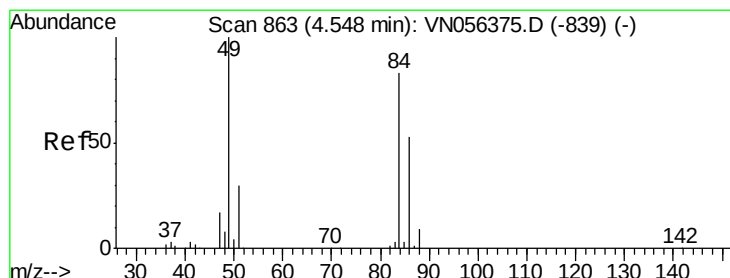
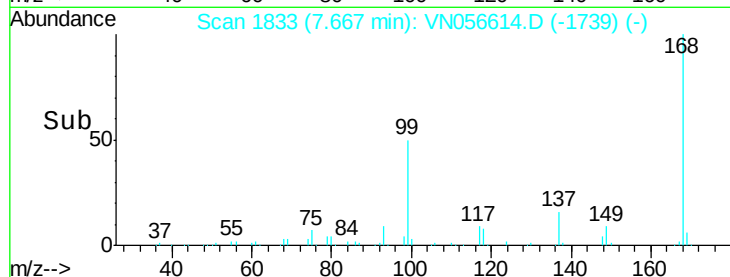
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#20

Methylene Chloride

Concen: 20.708 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.01 min

Lab File: VN056614.D

Acq: 8 Jul 2019 17:04

Tgt Ion: 84 Resp: 66866

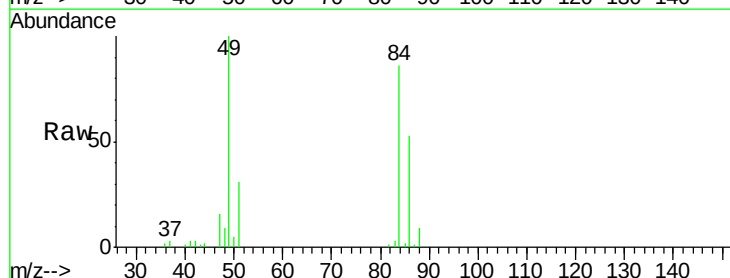
Ion Ratio Lower Upper

84 100

49 115.6 96.4 144.6

51 35.5 28.6 43.0

86 61.8 51.4 77.2



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

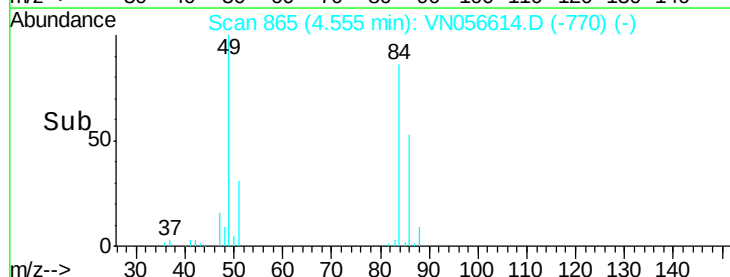
30000

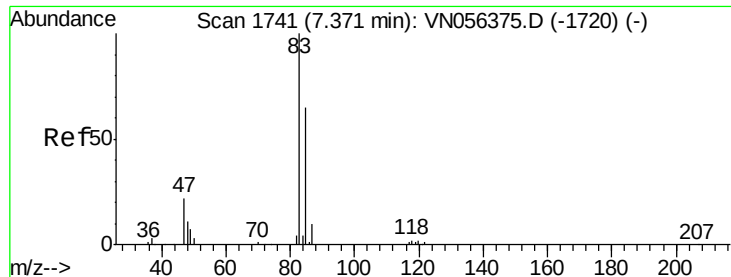
20000

10000

0

Time--> 4.40 4.50 4.60 4.70

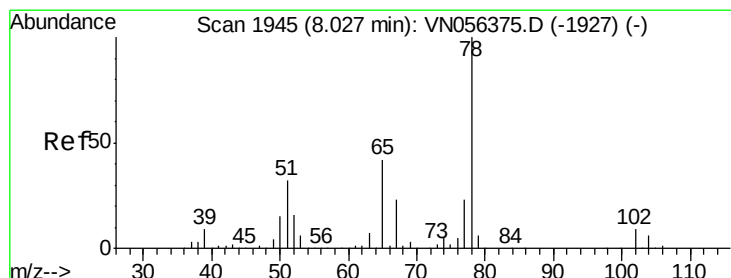
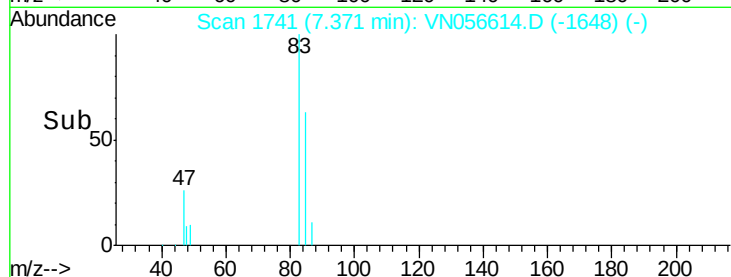
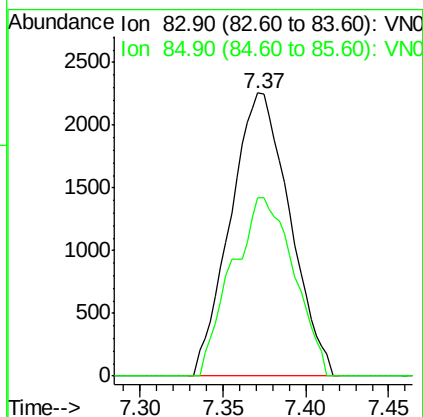
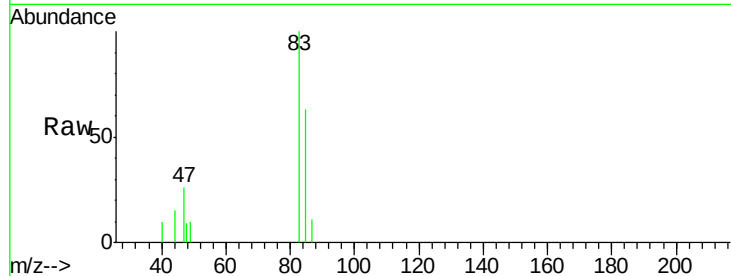




#30
Chloroform
Concen: 1.069 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056614.D
Acq: 8 Jul 2019 17:04

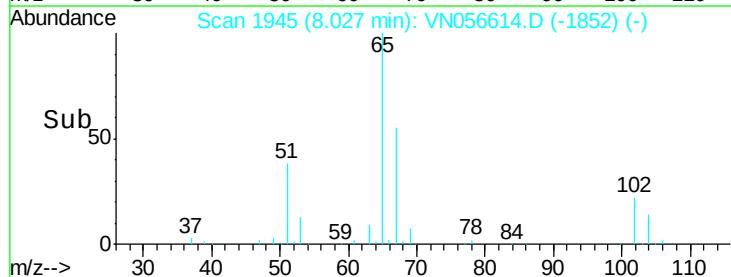
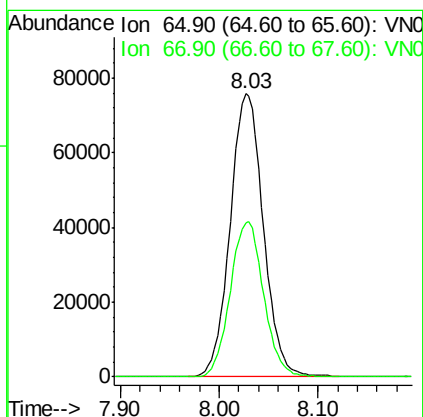
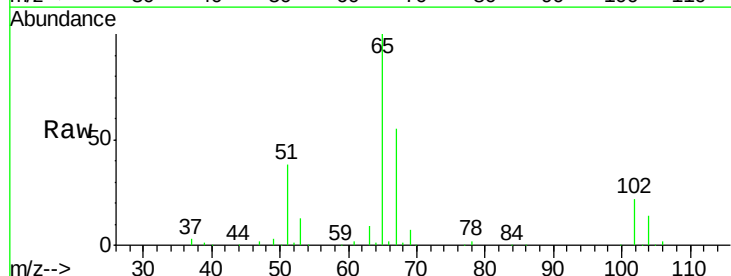
Instrument :
MSVOA_N
ClientSampleId :
PL-01-070319-B

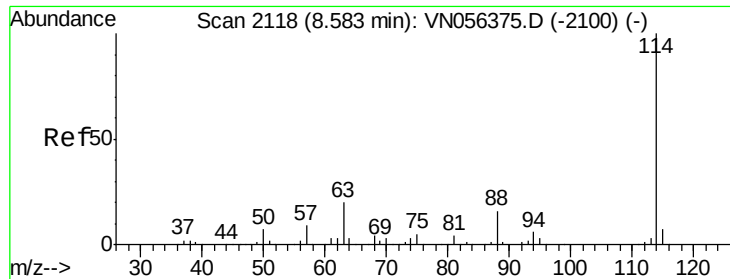
Tot Ion: 83 Resp: 5625
Ion Ratio Lower Upper
83 100
85 62.9 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 53.235 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056614.D
Acq: 8 Jul 2019 17:04

Tgt Ion: 65 Resp: 177528
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.0

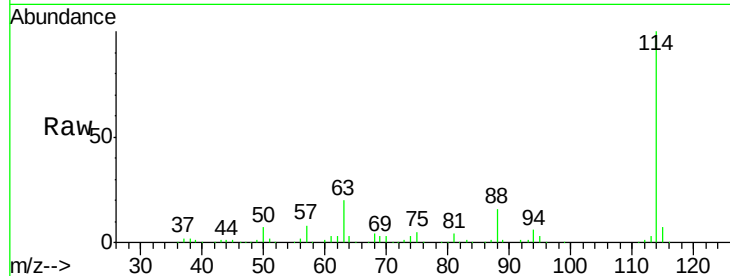




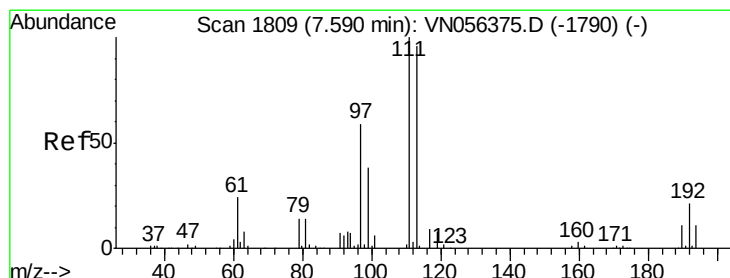
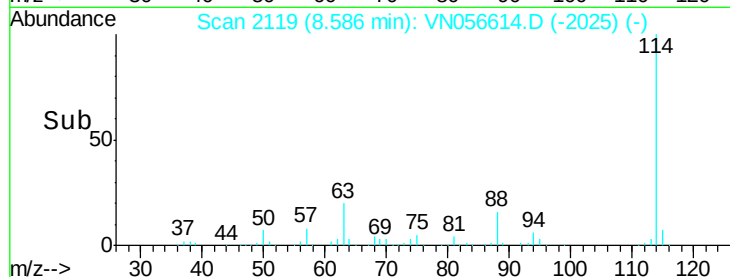
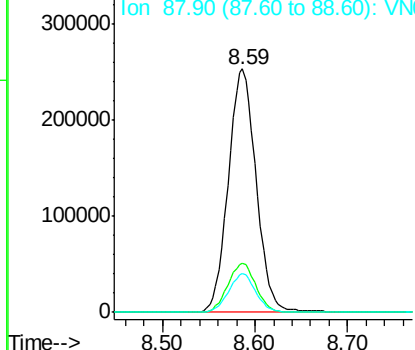
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056614.D
Acq: 8 Jul 2019 17:04

Instrument :
MSVOA_N
ClientSampleId :
PL-01-070319-B

Tot Ion:114 Resp: 528216
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.2
88 16.0 0.0 31.4

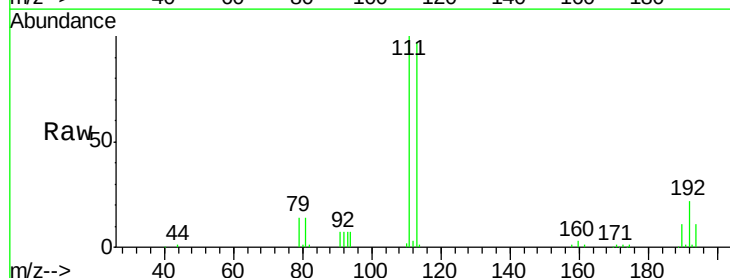


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

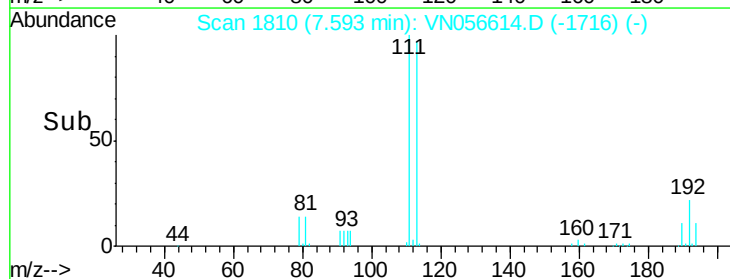
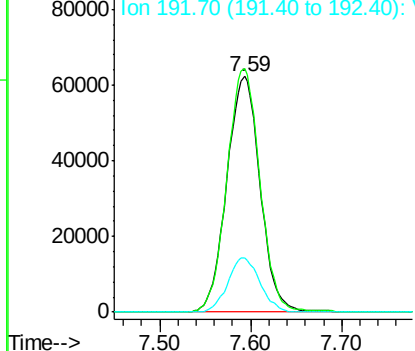


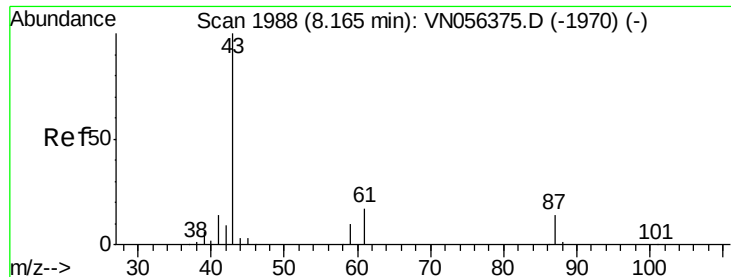
#35
Dibromofluoromethane
Concen: 48.020 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN056614.D
Acq: 8 Jul 2019 17:04

Tgt Ion:113 Resp: 158235
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 22.1 17.7 26.5



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: 2.615 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056614.D

Acq: 8 Jul 2019 17:04

Instrument :

MSVOA_N

ClientSampleId :

PL-01-070319-B

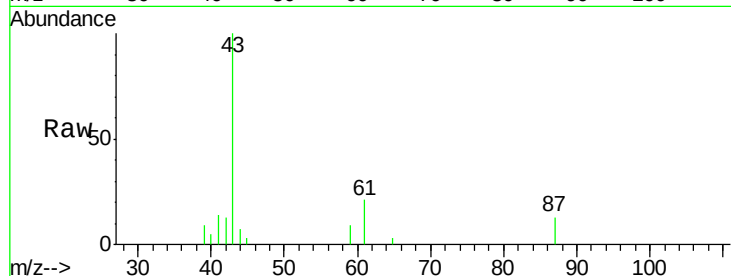
Tot Ion: 43 Resp: 18422

Ion Ratio Lower Upper

43 100

61 21.4 22.0 33.0#

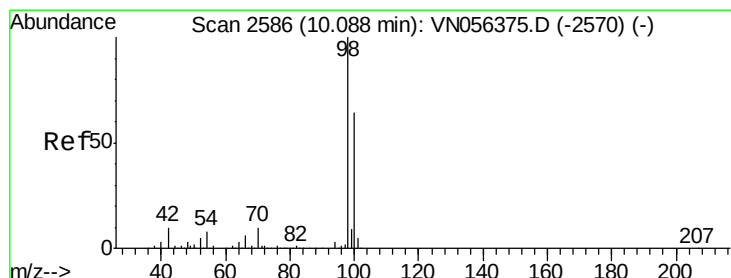
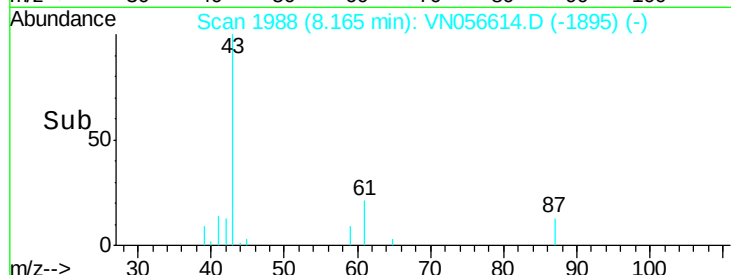
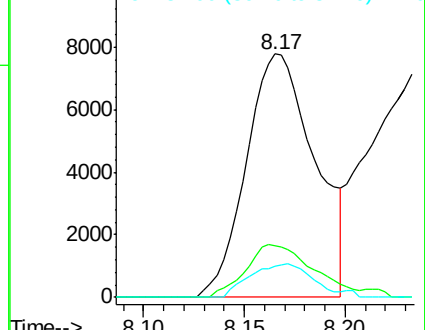
87 12.8 11.0 16.4



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: 52.285 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056614.D

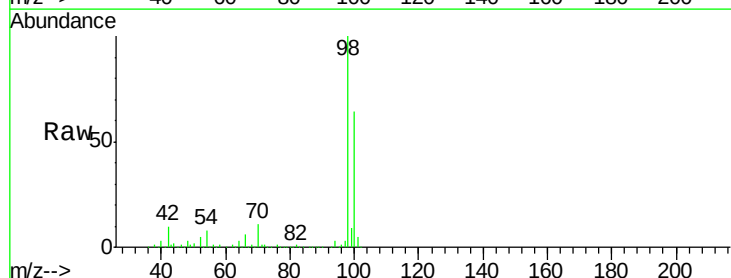
Acq: 8 Jul 2019 17:04

Tgt Ion: 98 Resp: 670387

Ion Ratio Lower Upper

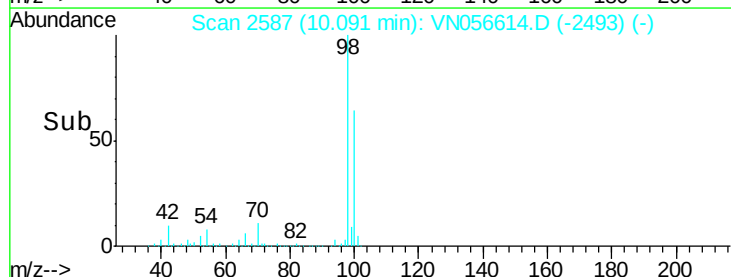
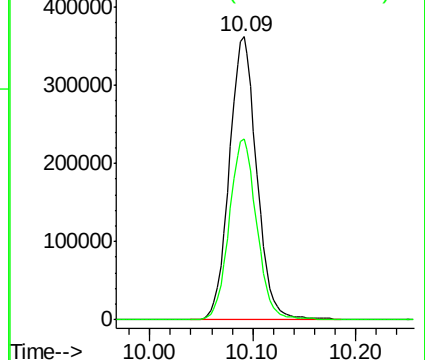
98 100

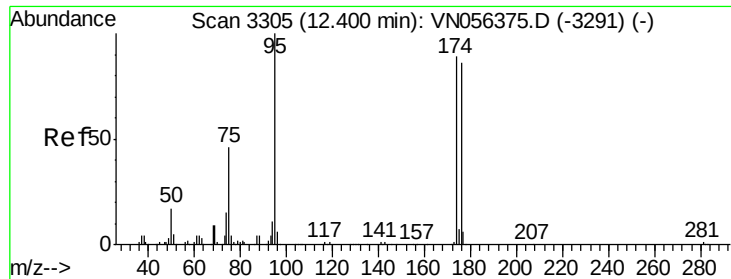
100 64.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 59.618 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056614.D

Acq: 8 Jul 2019 17:04

Instrument :

MSVOA_N

ClientSampleId :

PL-01-070319-B

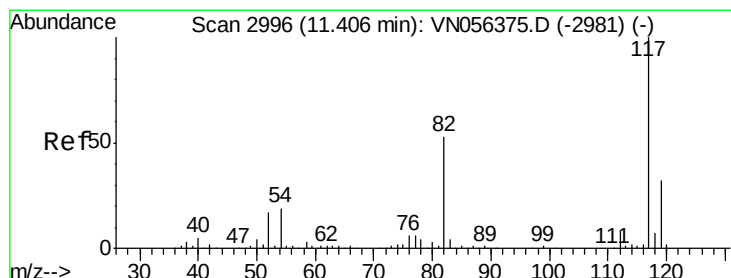
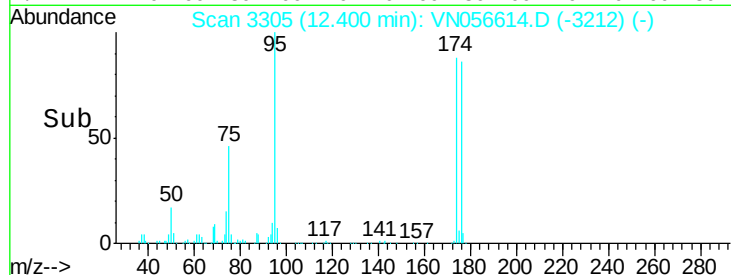
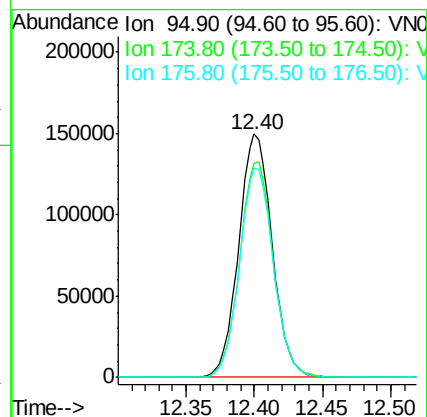
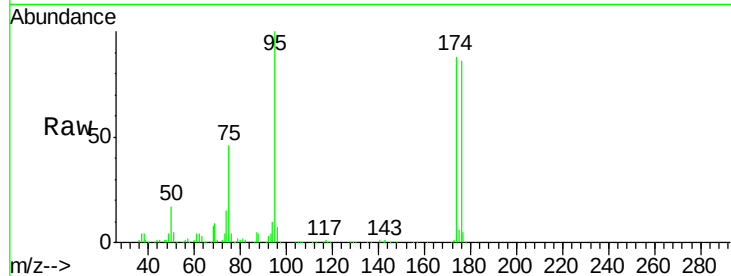
Tot Ion: 95 Resp: 254825

Ion Ratio Lower Upper

95 100

174 89.0 0.0 179.4

176 86.9 0.0 173.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056614.D

Acq: 8 Jul 2019 17:04

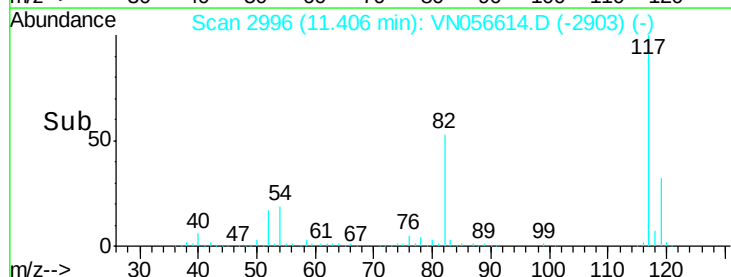
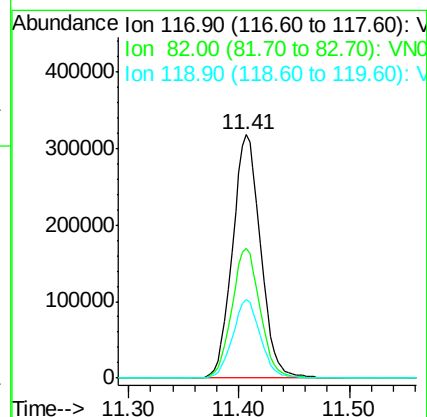
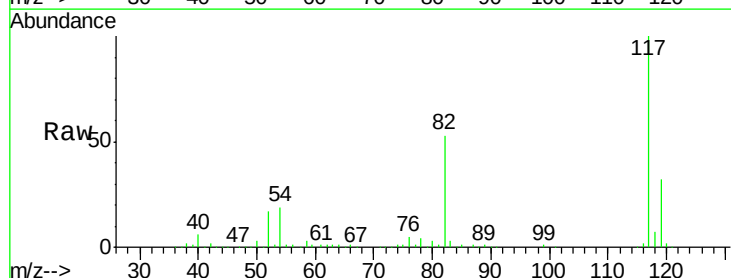
Tgt Ion: 117 Resp: 561560

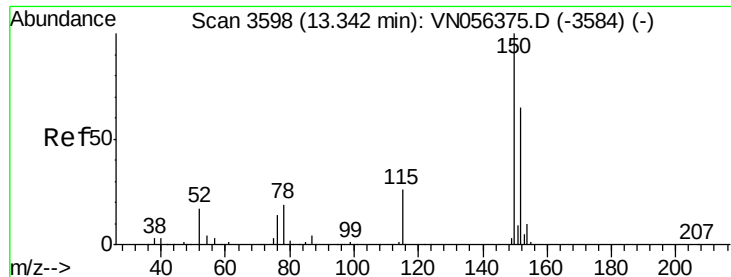
Ion Ratio Lower Upper

117 100

82 53.4 42.0 63.0

119 32.0 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056614.D

Acq: 8 Jul 2019 17:04

Instrument :

MSVOA_N

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PL-01-070319-B

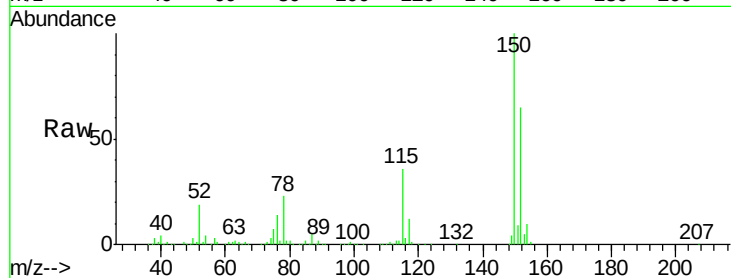
Tot Ion:152 Resp: 230899

Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.4

150 156.5 0.0 348.4



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

