

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090219\
 Data File : VN057647.D
 Acq On : 1 Sep 2019 16:28
 Operator : JC/SP
 Sample : K4544-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T16-17-B1-(0)

Quant Time: Sep 02 02:37:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

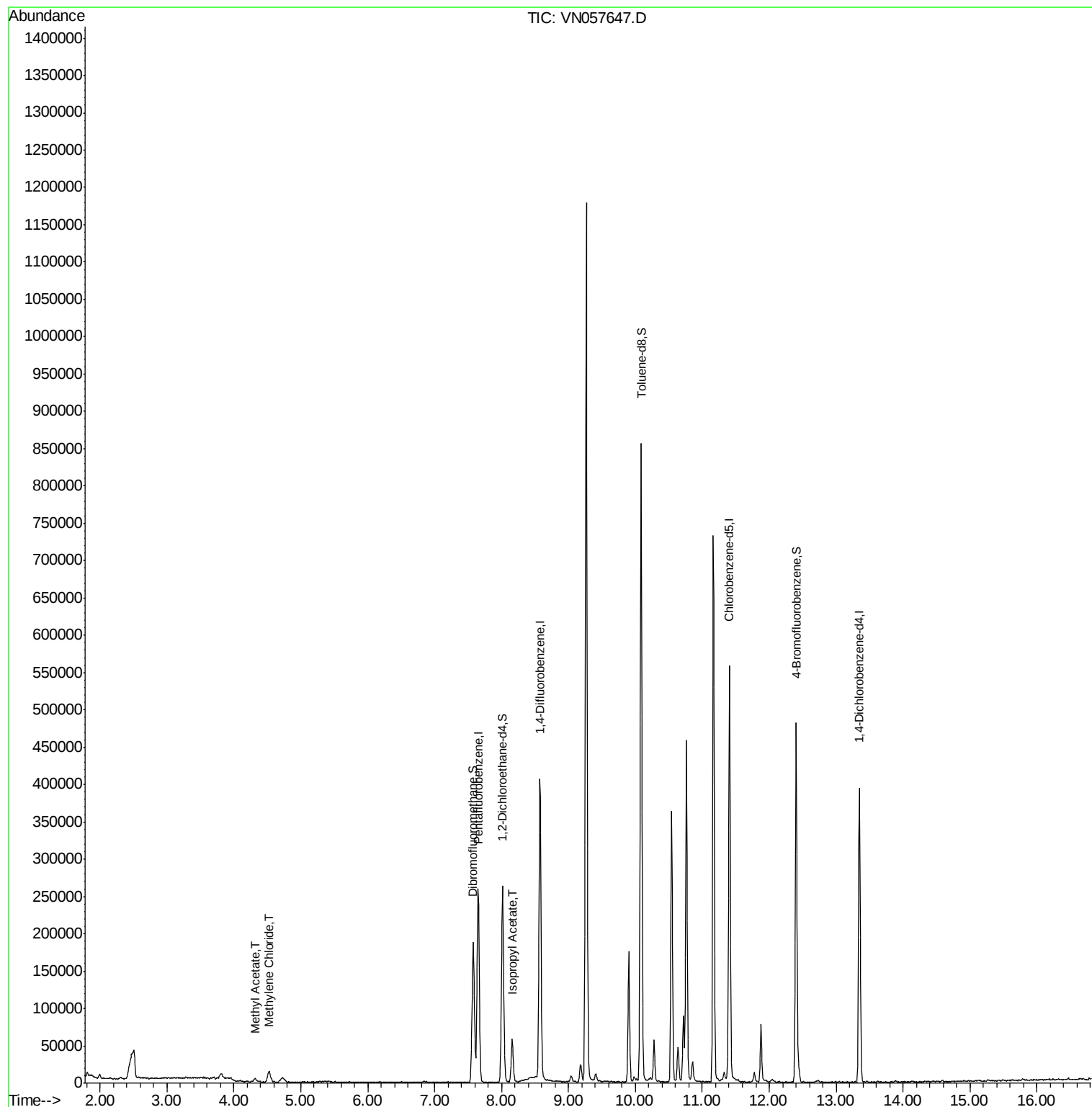
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	183135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	312019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	276528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	96106	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	225862	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.20%	
35) Dibromofluoromethane	7.58	113	134714	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	10.08	98	540342	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.40	95	166939	41.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.94%	
Target Compounds						
18) Methyl Acetate	4.32	43	8692	2.183	ug/l	96
20) Methylene Chloride	4.53	84	9446	3.291	ug/l	98
43) Isopropyl Acetate	8.16	43	69681	9.829	ug/l	98

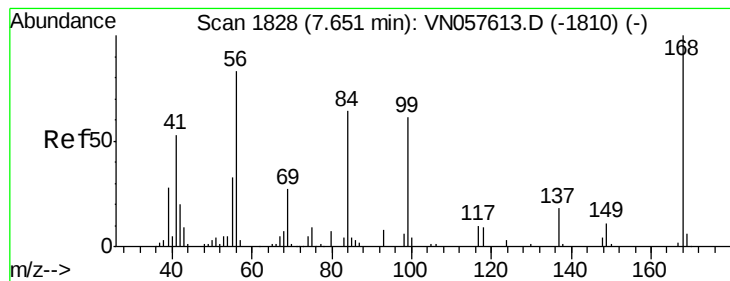
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090219\
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Quant Title : SW846 8260
QLast Update : Sat Aug 31 15:54:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057647.D

Acq: 1 Sep 2019 16:28

Instrument :

MSVOA_N

ClientSampleId :

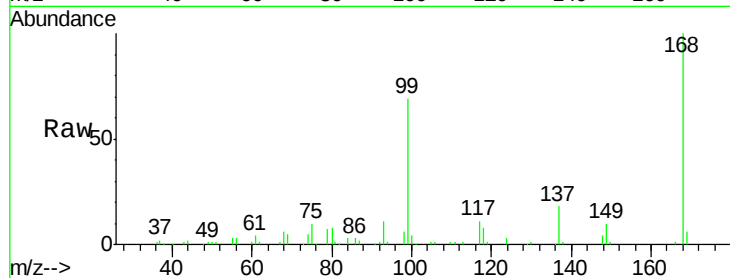
T16-17-B1-(0)

Tot Ion:168 Resp: 183135

Ion Ratio Lower Upper

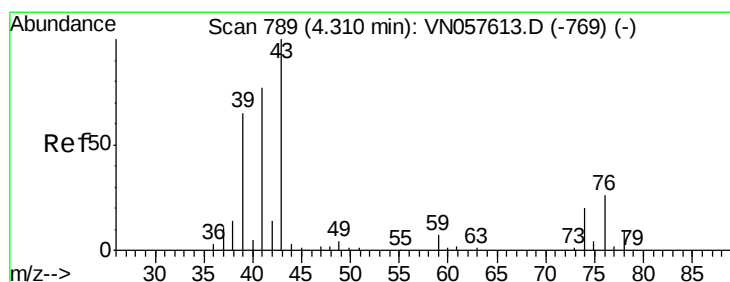
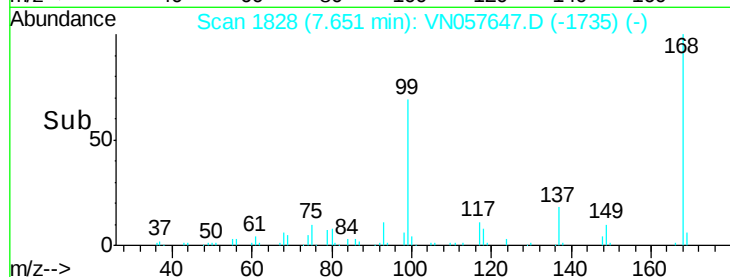
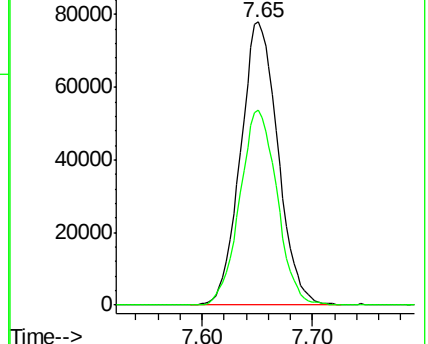
168 100

99 69.0 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#18

Methyl Acetate

Concen: 2.183 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN057647.D

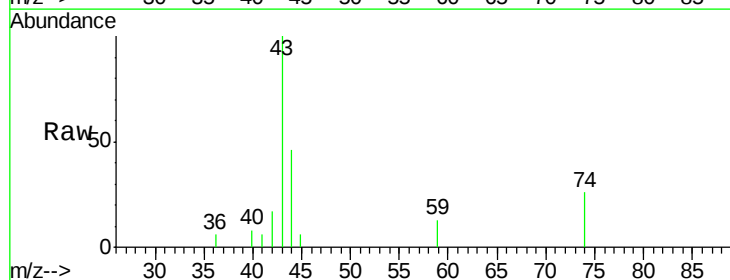
Acq: 1 Sep 2019 16:28

Tgt Ion: 43 Resp: 8692

Ion Ratio Lower Upper

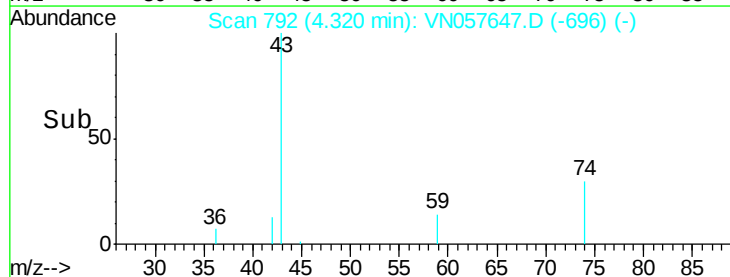
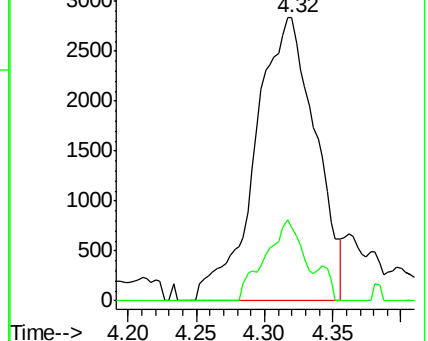
43 100

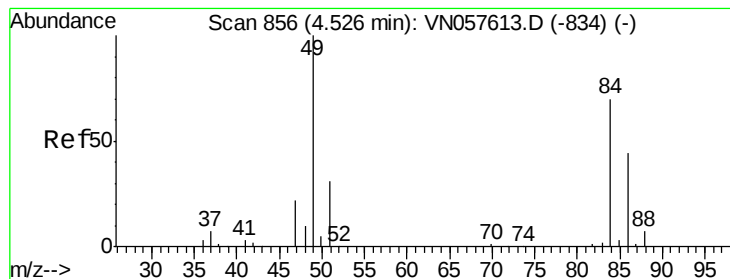
74 17.8 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO





#20

Methylene Chloride

Concen: 3.291 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN057647.D

Acq: 1 Sep 2019 16:28

Instrument :

MSVOA_N

ClientSampled :

T16-17-B1-(0)

Tot Ion: 84 Resp: 9446

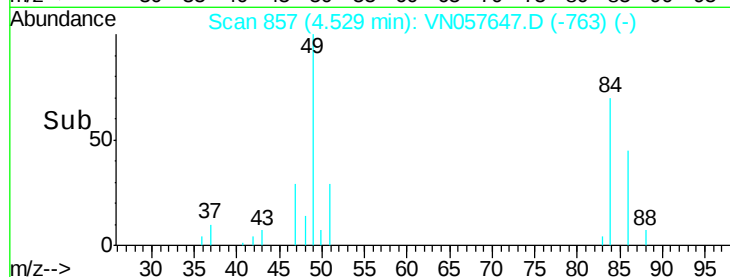
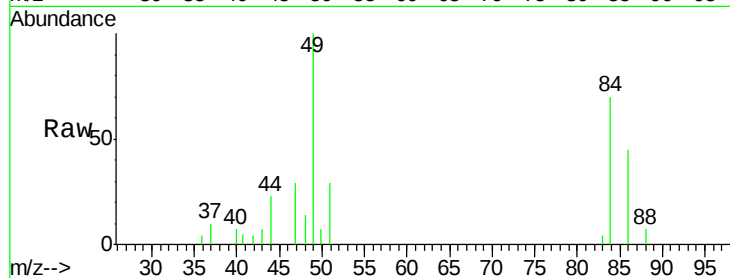
Ion Ratio Lower Upper

84 100

49 138.5 113.8 170.6

51 42.2 35.0 52.6

86 64.3 50.6 75.8

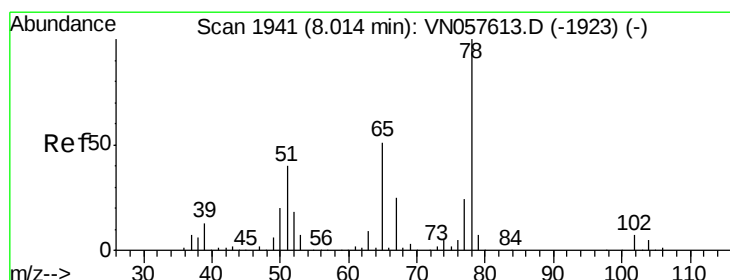
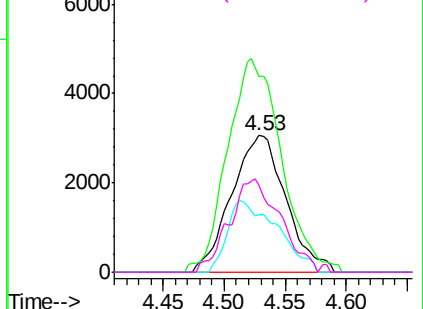


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#33

1,2-Dichloroethane-d4

Concen: 54.596 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057647.D

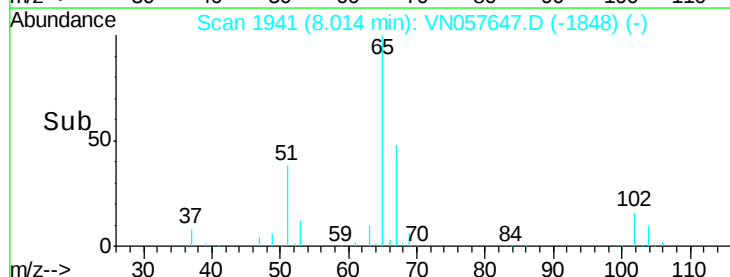
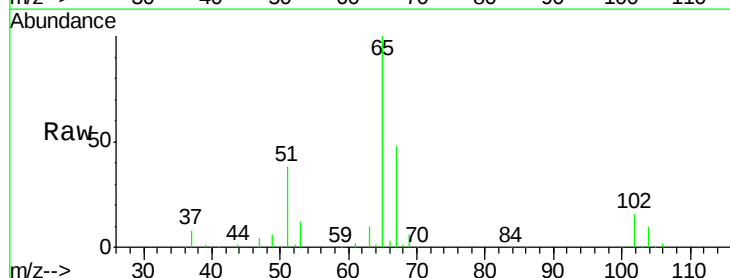
Acq: 1 Sep 2019 16:28

Tgt Ion: 65 Resp: 225862

Ion Ratio Lower Upper

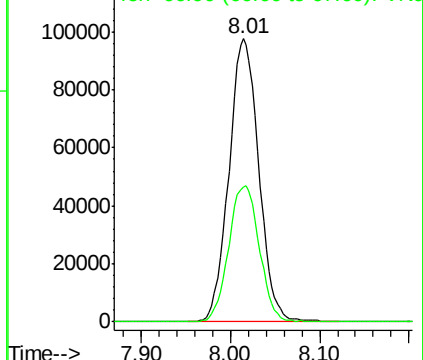
65 100

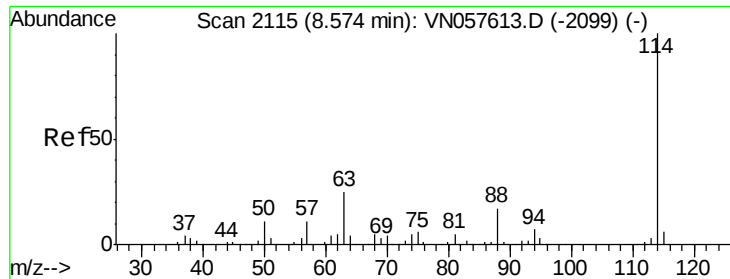
67 49.4 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

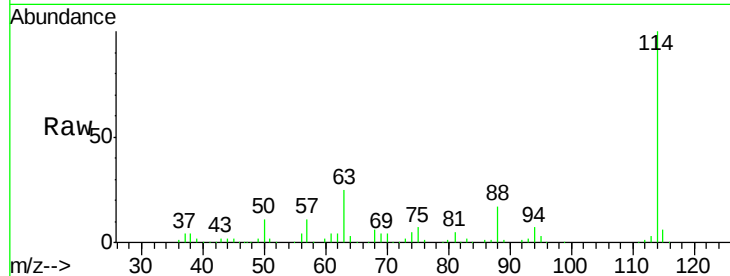




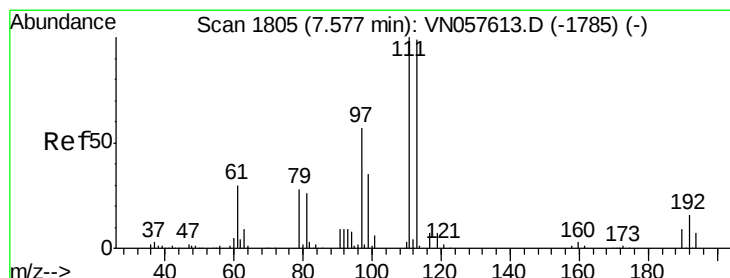
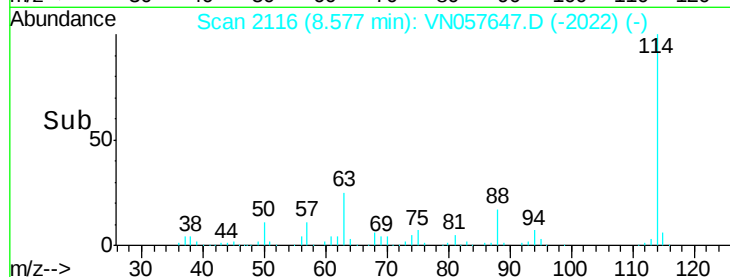
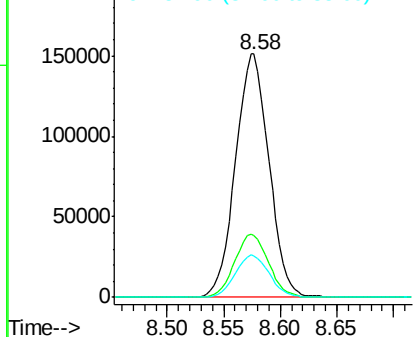
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN057647.D
Acq: 1 Sep 2019 16:28

Instrument :
MSVOA_N
ClientSampleId :
T16-17-B1-(0)

Tot Ion:114 Resp: 312019
Ion Ratio Lower Upper
114 100
63 25.3 0.0 49.0
88 17.2 0.0 33.0

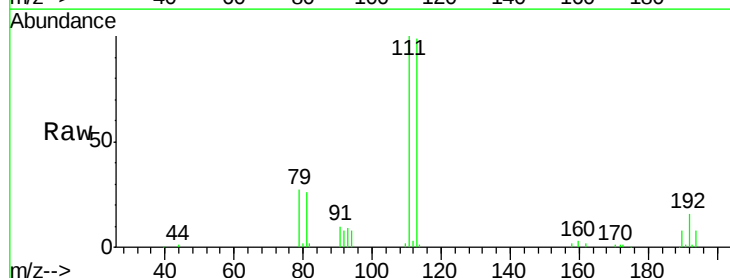


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

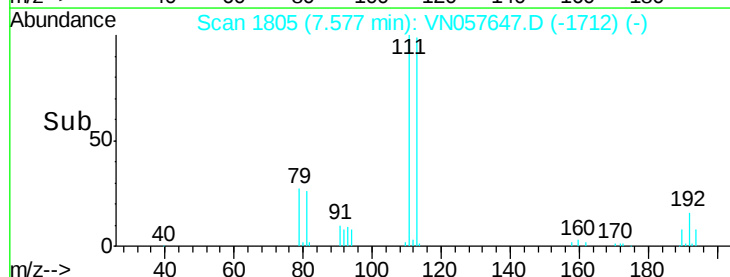
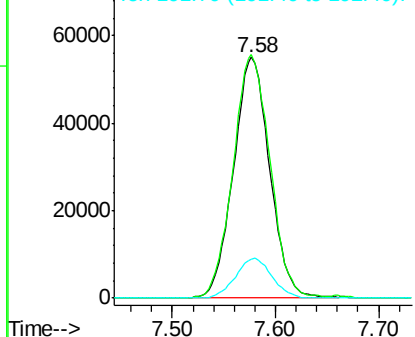


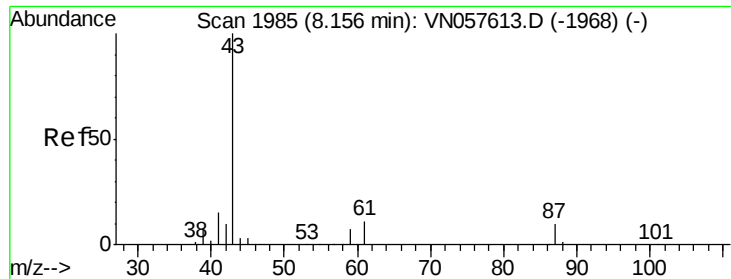
#35
Dibromofluoromethane
Concen: 49.440 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN057647.D
Acq: 1 Sep 2019 16:28

Tgt Ion:113 Resp: 134714
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 16.7 13.5 20.3



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





#43

Isopropyl Acetate

Concen: 9.829 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057647.D

Acq: 1 Sep 2019 16:28

Instrument :

MSVOA_N

ClientSampleId :

T16-17-B1-(0)

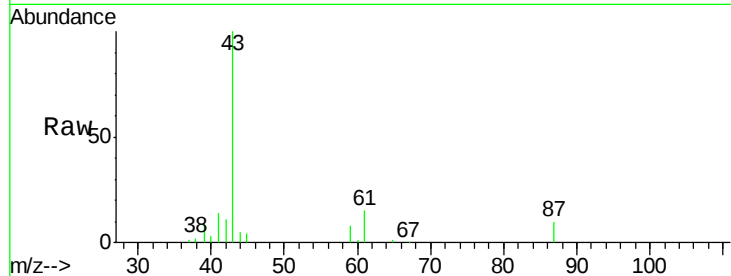
Tot Ion: 43 Resp: 69681

Ion Ratio Lower Upper

43 100

61 15.5 13.1 19.7

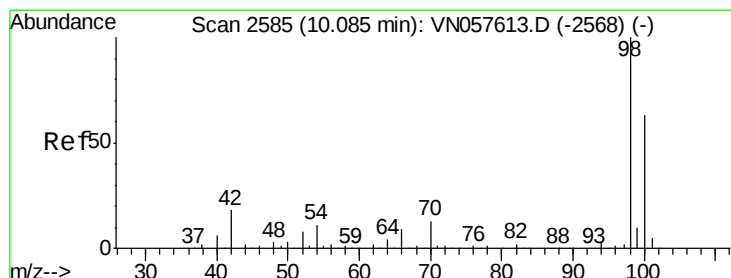
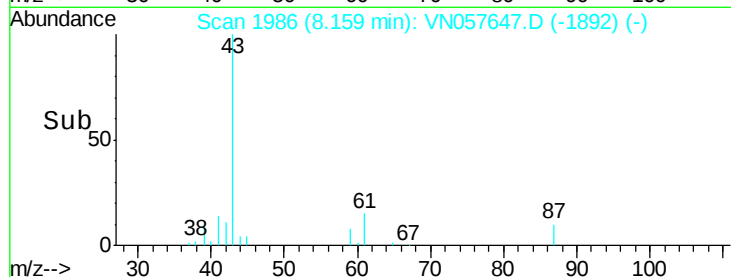
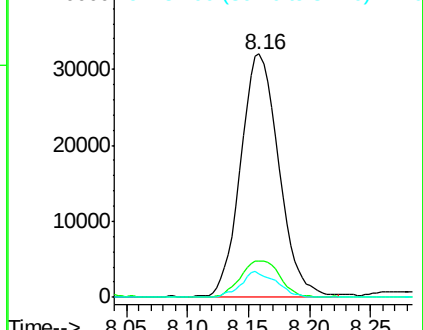
87 9.7 8.1 12.1



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: 51.652 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057647.D

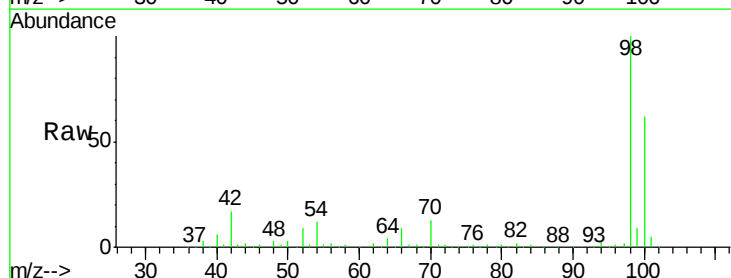
Acq: 1 Sep 2019 16:28

Tgt Ion: 98 Resp: 540342

Ion Ratio Lower Upper

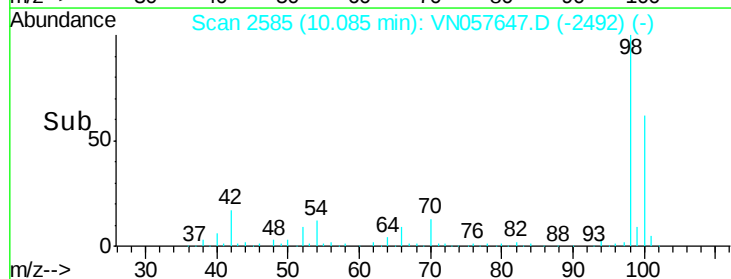
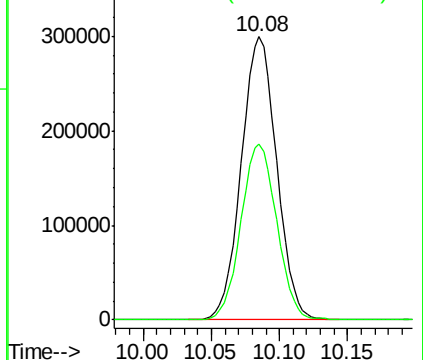
98 100

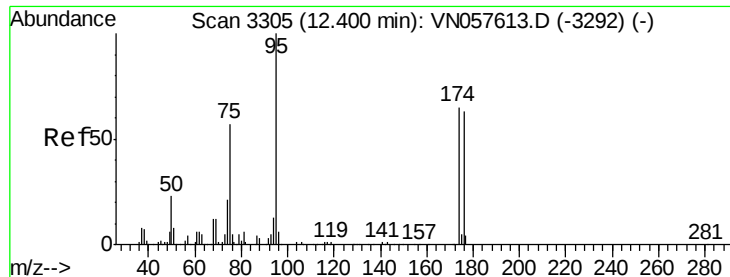
100 62.9 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 41.966 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057647.D

Acq: 1 Sep 2019 16:28

Instrument :

MSVOA_N

ClientSampleId :

T16-17-B1-(0)

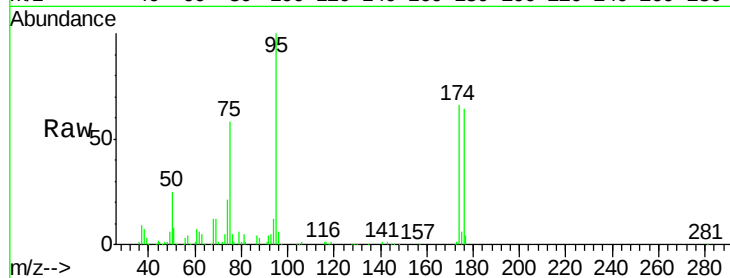
Tot Ion: 95 Resp: 166939

Ion Ratio Lower Upper

95 100

174 65.9 0.0 134.8

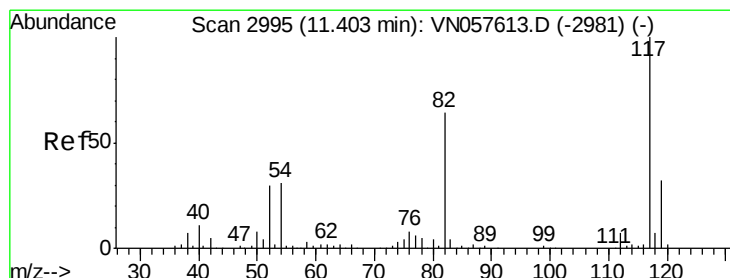
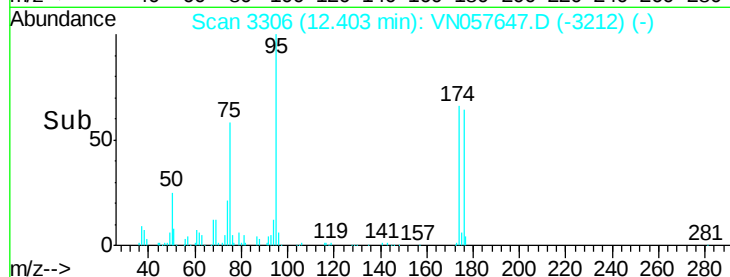
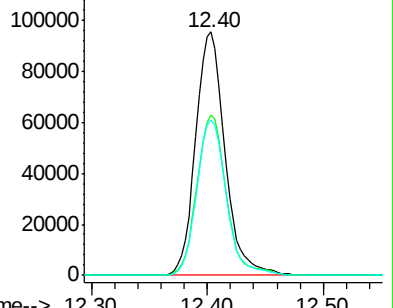
176 63.8 0.0 131.6



Abundance Ion 94.90 (94.60 to 95.60): VN057613.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN057613.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN057613.D (-3292) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057647.D

Acq: 1 Sep 2019 16:28

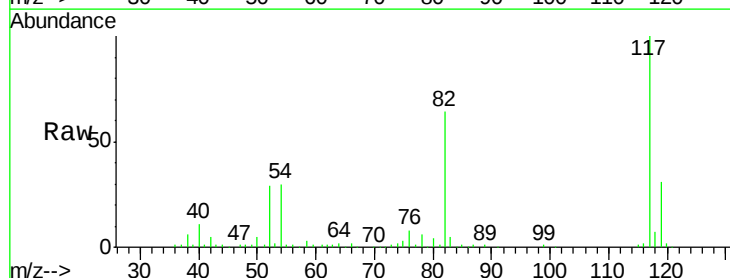
Tgt Ion: 117 Resp: 276528

Ion Ratio Lower Upper

117 100

82 64.3 51.6 77.4

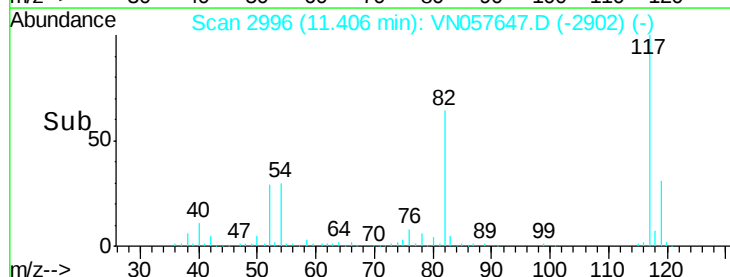
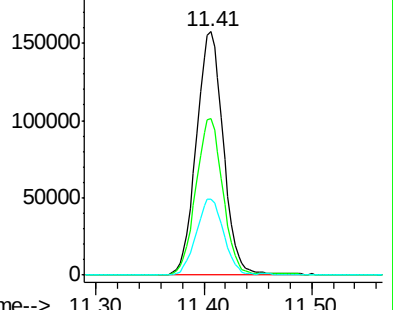
119 31.4 25.8 38.6

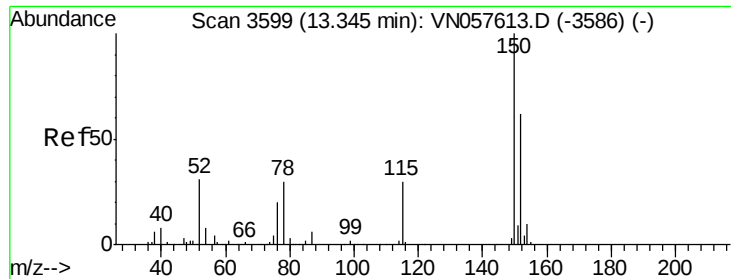


Abundance Ion 116.90 (116.60 to 117.60): VN057613.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057613.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057613.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057647.D

Acq: 1 Sep 2019 16:28

Instrument :

MSVOA_N

ClientSampleId :

T16-17-B1-(0)

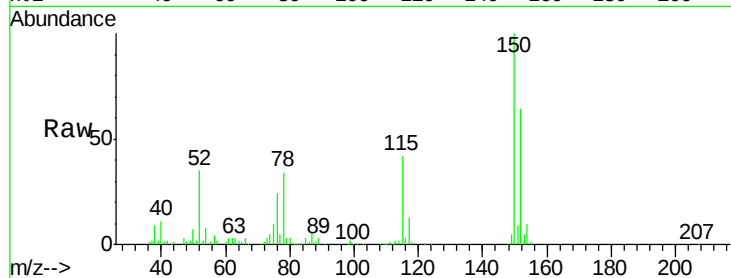
Tot Ion:152 Resp: 96106

Ion Ratio Lower Upper

152 100

115 66.6 33.2 99.6

150 157.7 0.0 365.2



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

