

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083119\
 Data File : VN057602.D
 Acq On : 30 Aug 2019 21:19
 Operator : JC/SP
 Sample : K4517-26
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-D2-(0)

Quant Time: Aug 31 01:24:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 11:59:03 2019
 Response via : Initial Calibration

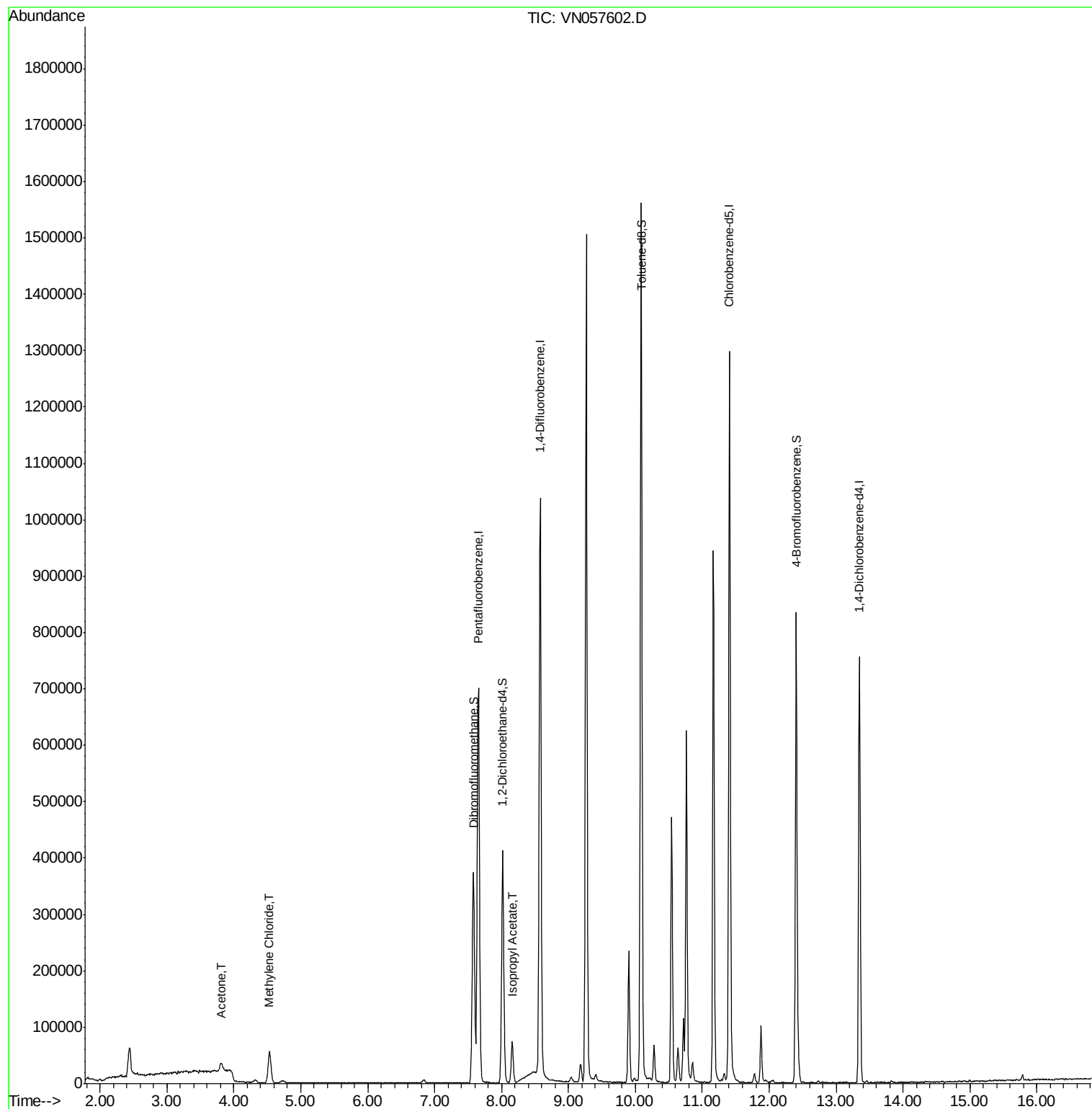
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	591094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	927048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	795237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	217176	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	353707	36.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.12%	
35) Dibromofluoromethane	7.58	113	280287	33.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.66%	
50) Toluene-d8	10.08	98	1114715	38.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.06%	
62) 4-Bromofluorobenzene	12.40	95	296062	30.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.18%	
Target Compounds						
16) Acetone	3.81	43	20065	5.131	ug/l #	87
20) Methylene Chloride	4.54	84	40293	5.562	ug/l #	83
43) Isopropyl Acetate	8.16	43	84365	6.803	ug/l #	94

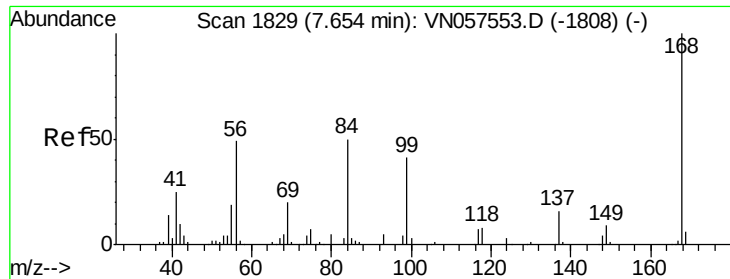
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN083119\
Data File : VN057602.D
Acq On : 30 Aug 2019 21:19
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Instrument :
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Quant Time: Aug 31 01:24:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 11:59:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN057602.D

Acq: 30 Aug 2019 21:19

Instrument :

MSVOA_N

ClientSampled :

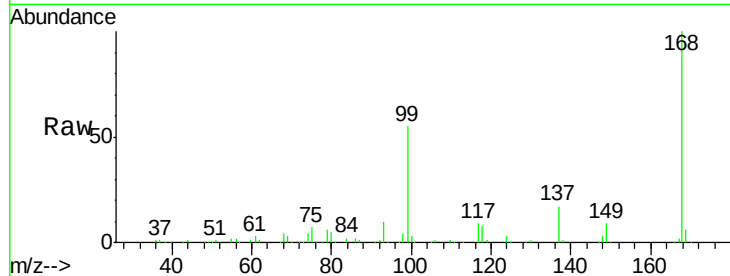
T4-S-D2-(0)

Tot Ion:168 Resp: 591094

Ion Ratio Lower Upper

168 100

99 55.0 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

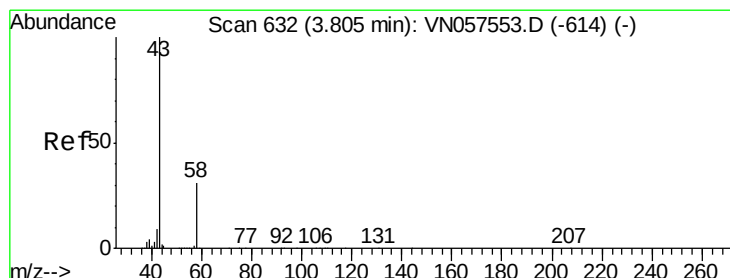
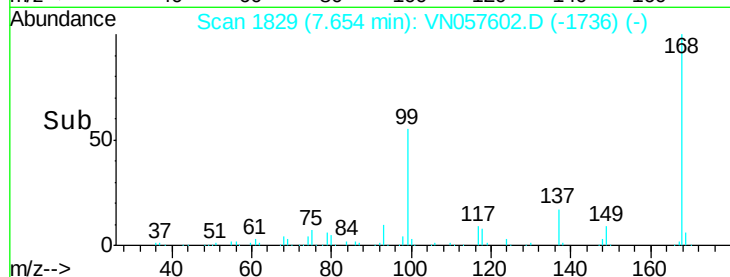
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.131 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN057602.D

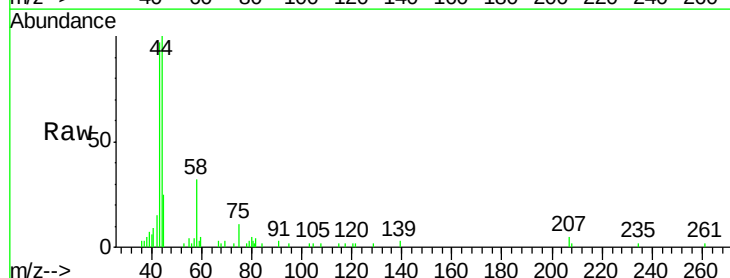
Acq: 30 Aug 2019 21:19

Tgt Ion: 43 Resp: 20065

Ion Ratio Lower Upper

43 100

58 34.4 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.81

10000

8000

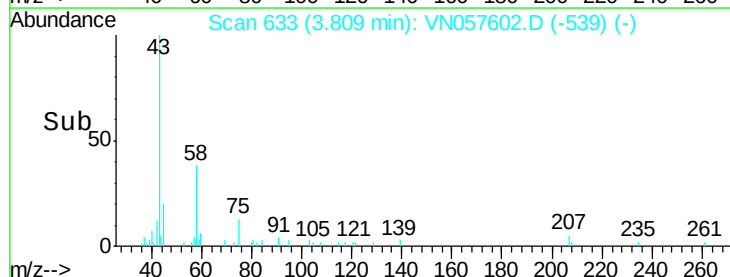
6000

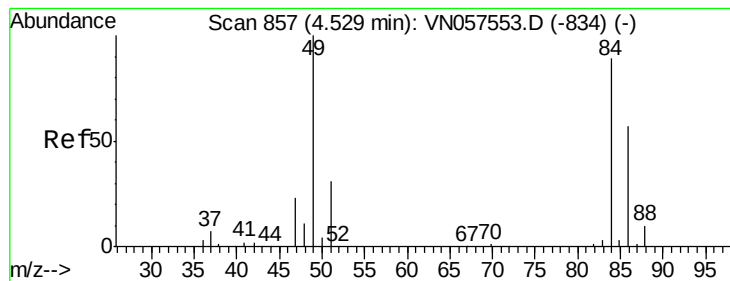
4000

2000

0

Time-->





#20

Methvlene Chloride

Concen: 5.562 ug/l

RT: 4.54 min Scan# 860

Delta R.T. 0.01 min

Lab File: VN057602.D

Acq: 30 Aug 2019 21:19

Instrument :

MSVOA_N

ClientSampleId :

T4-S-D2-(0)

Tot Ion: 84 Resp: 40293

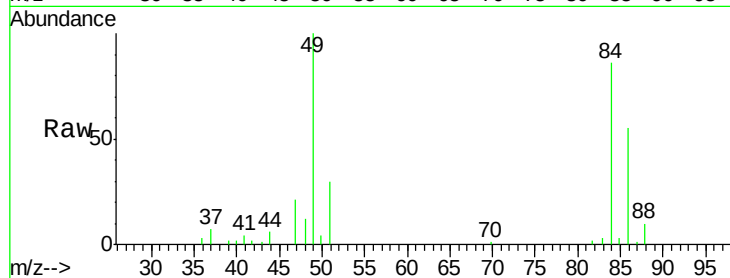
Ion Ratio Lower Upper

84 100

49 116.0 117.0 175.4#

51 35.0 35.5 53.3#

86 63.3 49.8 74.8

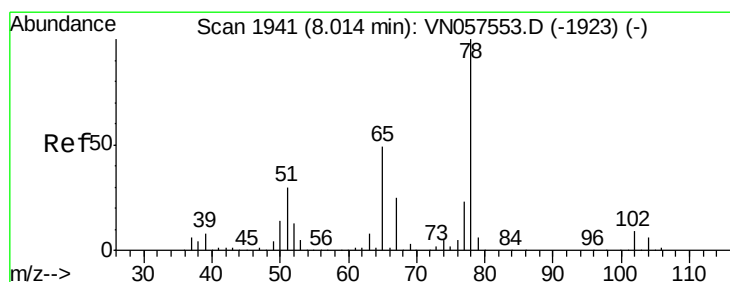
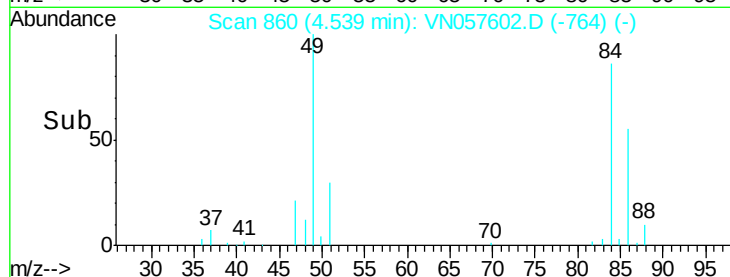
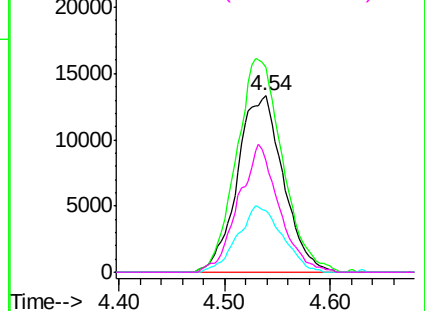


Abundance Ion 83.90 (83.60 to 84.60): VNC

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: 36.560 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057602.D

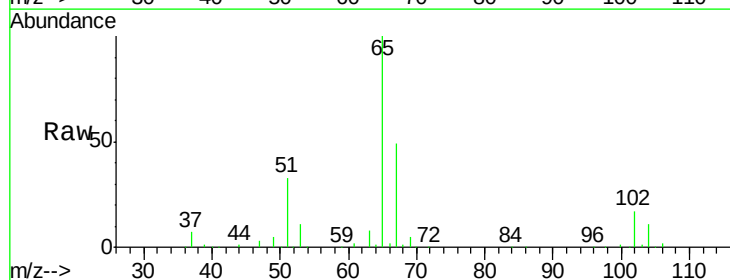
Acq: 30 Aug 2019 21:19

Tgt Ion: 65 Resp: 353707

Ion Ratio Lower Upper

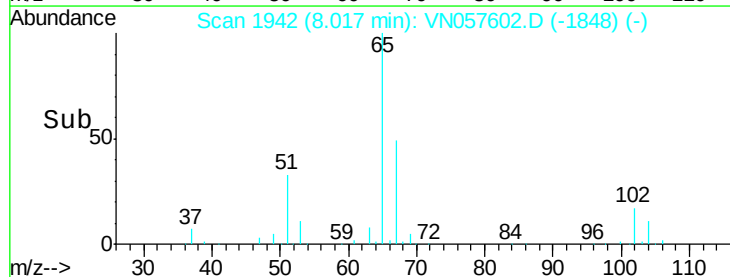
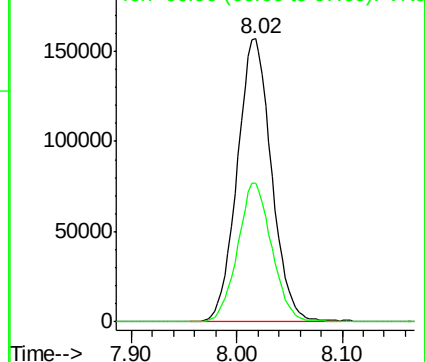
65 100

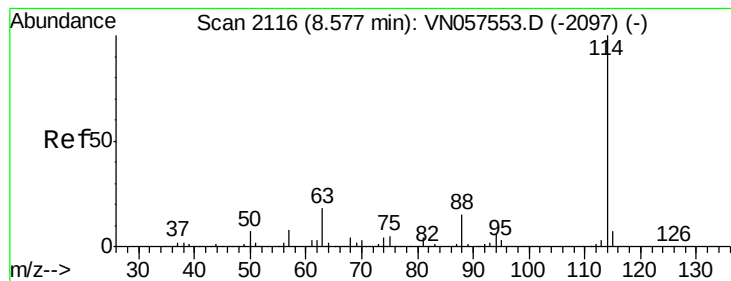
67 49.0 0.0 103.8



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# 2116

Delta R.T. -0.00 min

Lab File: VN057602.D

Acq: 30 Aug 2019 21:19

Instrument :

MSVOA_N

ClientSampleId :

T4-S-D2-(0)

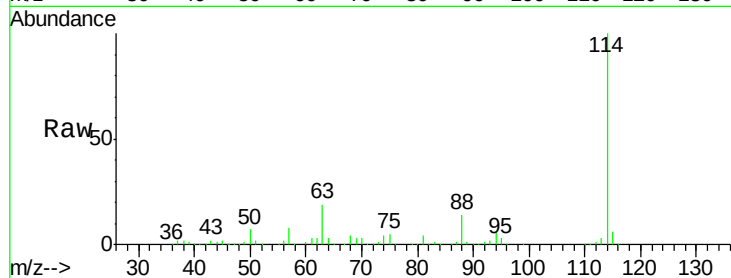
Tot Ion:114 Resp: 927048

Ion Ratio Lower Upper

114 100

63 19.0 0.0 50.2

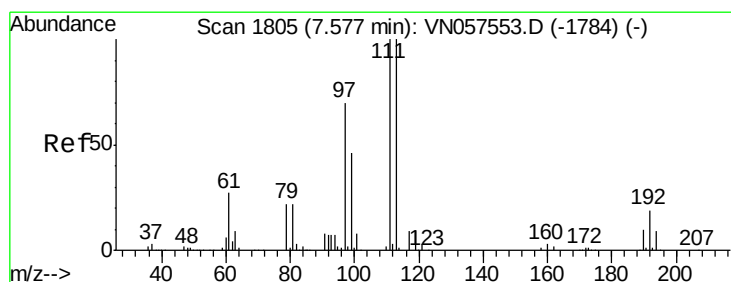
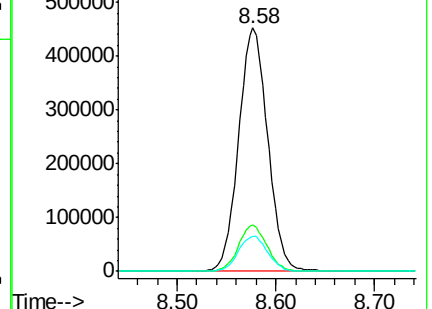
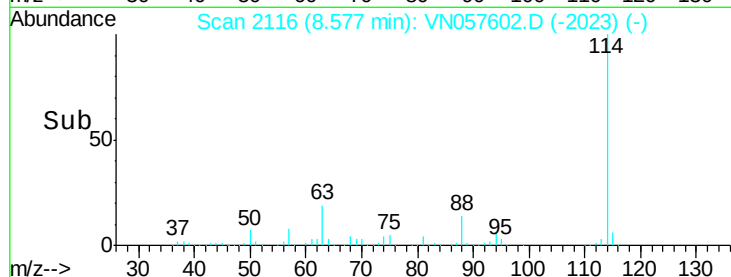
88 14.5 0.0 34.6



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: 33.827 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VN057602.D

Acq: 30 Aug 2019 21:19

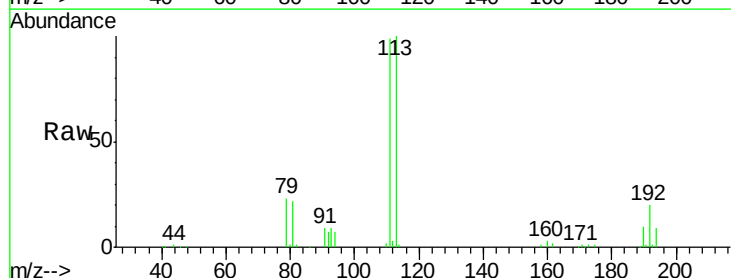
Tgt Ion:113 Resp: 280287

Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

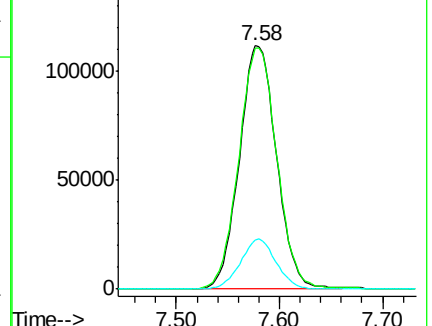
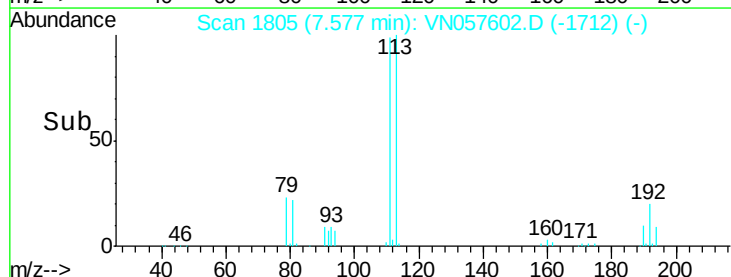
192 19.7 13.5 20.3

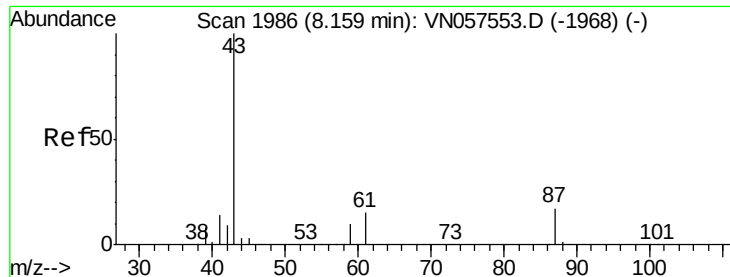


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.803 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN057602.D

Acq: 30 Aug 2019 21:19

Instrument :

MSVOA_N

ClientSampleId :

T4-S-D2-(0)

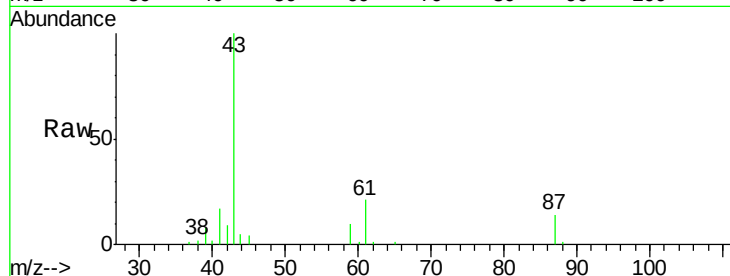
Tot Ion: 43 Resp: 84365

Ion Ratio Lower Upper

43 100

61 19.4 14.5 21.7

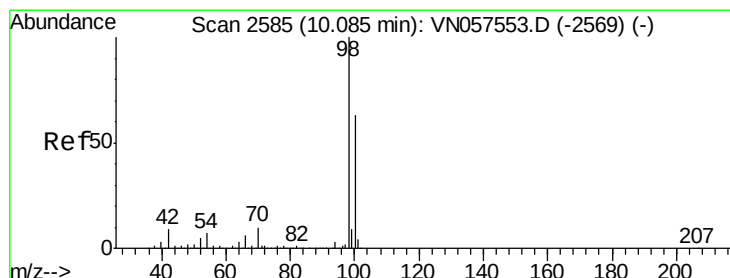
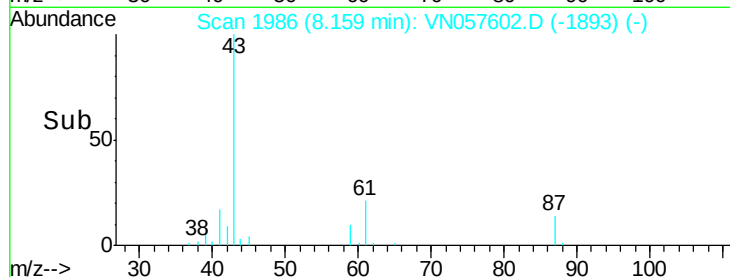
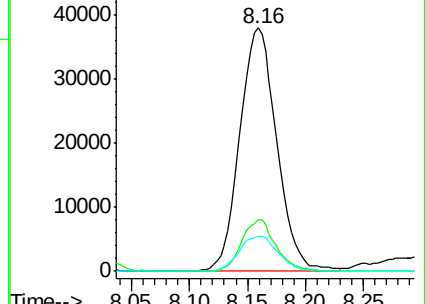
87 15.0 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VN057553.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN057553.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN057553.D (-1968) (-)



#50

Toluene-d8

Concen: 38.033 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057602.D

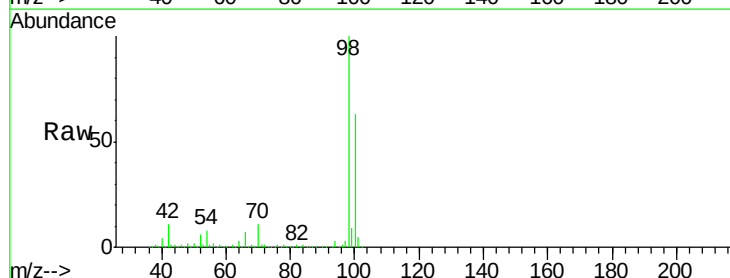
Acq: 30 Aug 2019 21:19

Tgt Ion: 98 Resp: 1114715

Ion Ratio Lower Upper

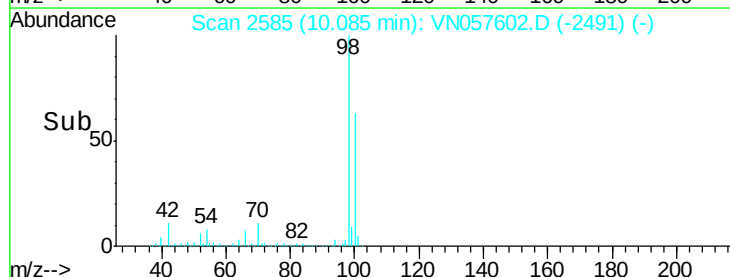
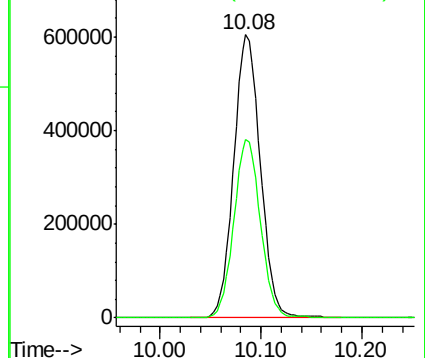
98 100

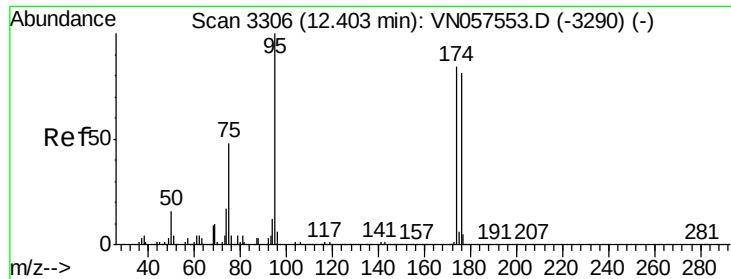
100 62.5 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN057553.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057553.D (-2569) (-)





#62

4-Bromofluorobenzene

Concen: 30.093 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057602.D

Acq: 30 Aug 2019 21:19

Instrument :

MSVOA_N

ClientSampleId :

T4-S-D2-(0)

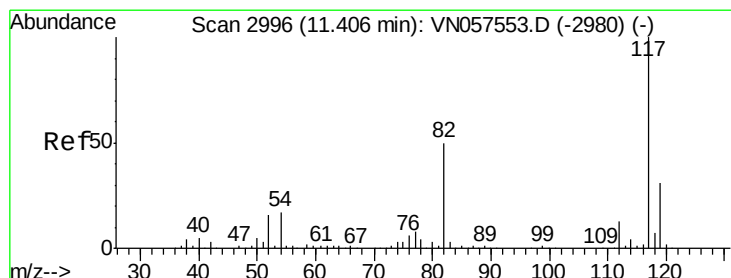
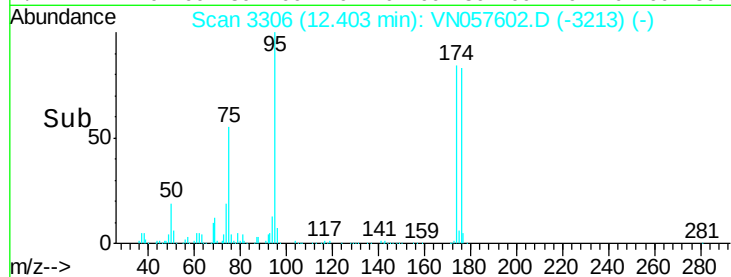
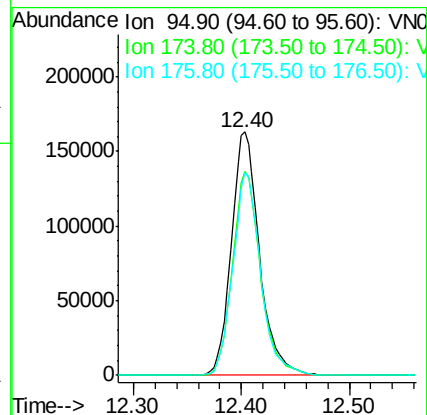
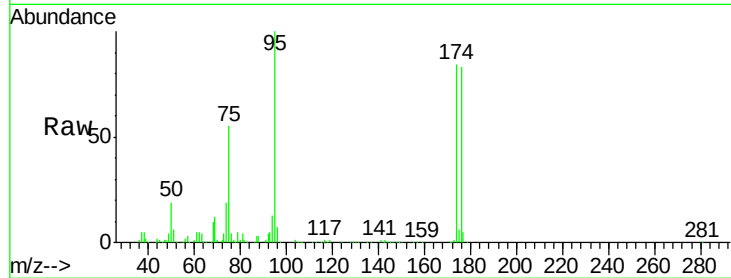
Tot Ion: 95 Resp: 296062

Ion Ratio Lower Upper

95 100

174 83.6 0.0 133.0

176 82.5 0.0 130.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN057602.D

Acq: 30 Aug 2019 21:19

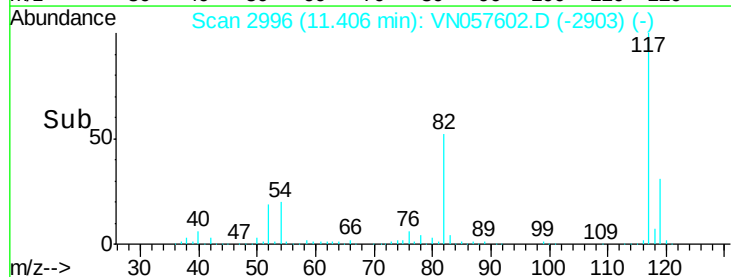
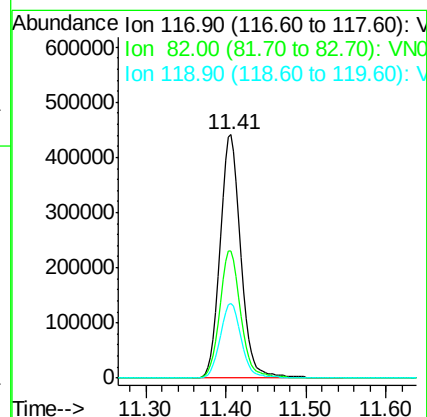
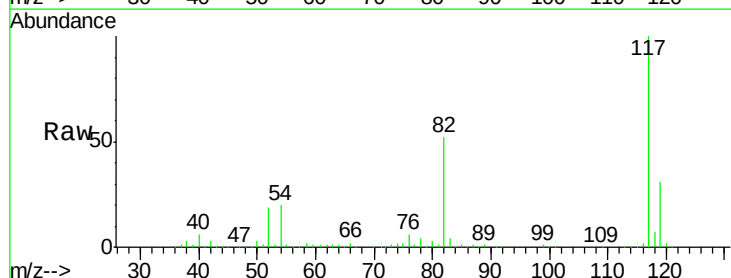
Tgt Ion: 117 Resp: 795237

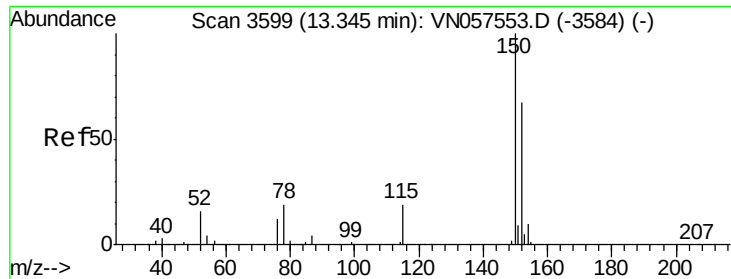
Ion Ratio Lower Upper

117 100

82 52.2 50.6 75.8

119 30.8 24.6 36.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057602.D

Acq: 30 Aug 2019 21:19

Instrument :

MSVOA_N

ClientSampleId :

T4-S-D2-(0)

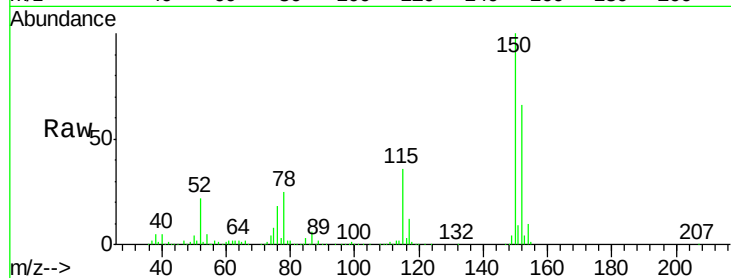
Tot Ion:152 Resp: 217176

Ion Ratio Lower Upper

152 100

115 57.9 32.0 96.0

150 155.5 0.0 346.6



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

