

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082419\
 Data File : VN057480.D
 Acq On : 23 Aug 2019 18:45
 Operator : JC/SP
 Sample : K4472-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-S2(2.5)

Quant Time: Aug 26 05:35:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

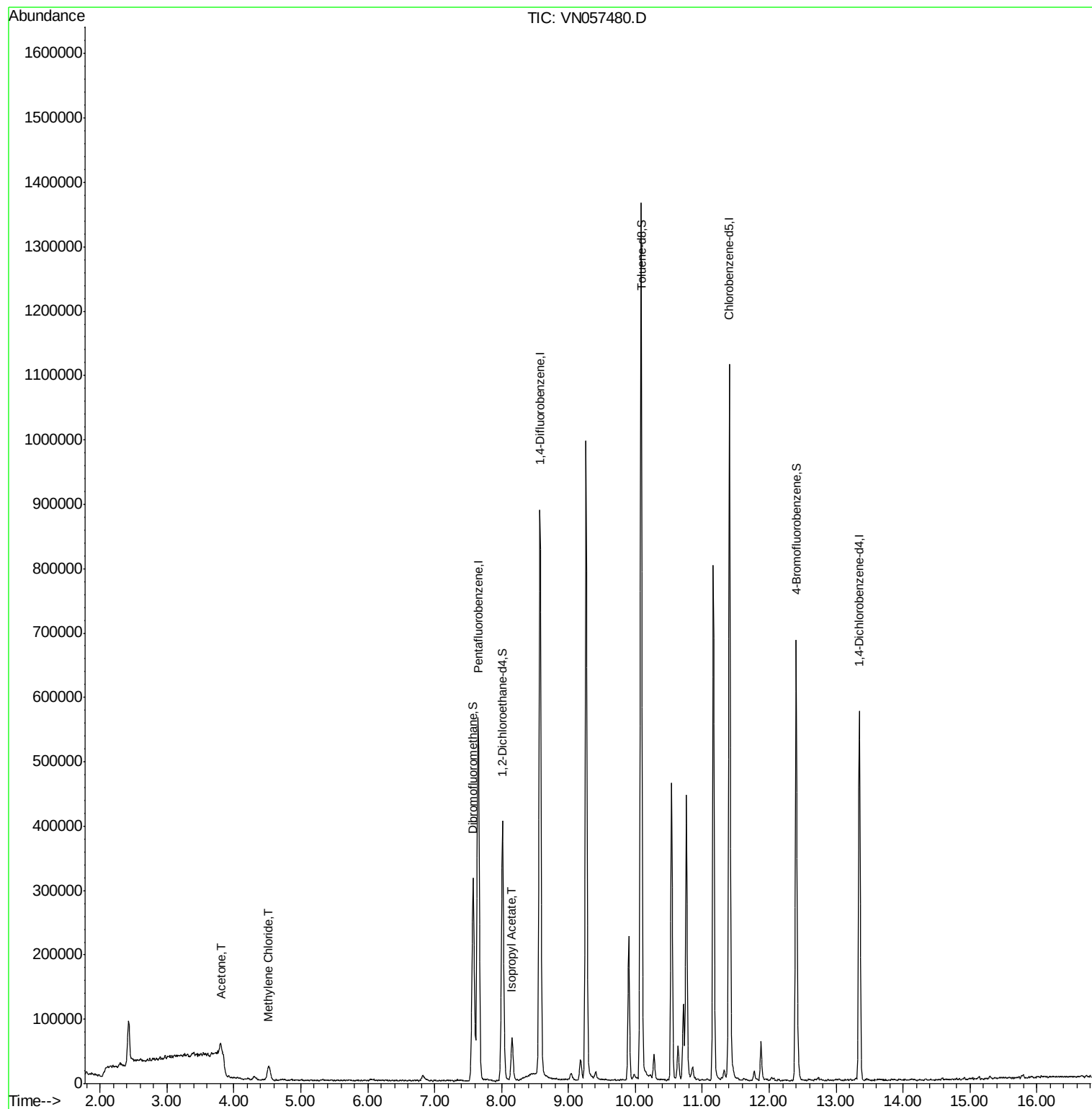
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	407487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	707036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	577522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	138784	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	338307	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
35) Dibromofluoromethane	7.58	113	228473	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
50) Toluene-d8	10.08	98	885810	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.40	95	243433	39.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.56%	
Target Compounds						
16) Acetone	3.80	43	30752	9.342	ug/l	96
20) Methylene Chloride	4.53	84	15296	3.064	ug/l	95
43) Isopropyl Acetate	8.16	43	82016	6.266	ug/l	99

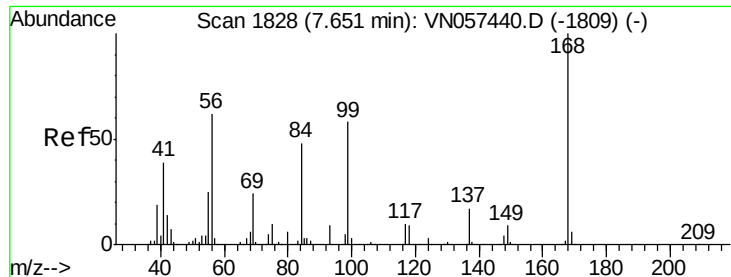
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082419\
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QLast Update : Fri Aug 23 05:07:29 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: VN057480.D

Acq: 23 Aug 2019 18:45

Instrument :

MSVOA_N

ClientSampleId :

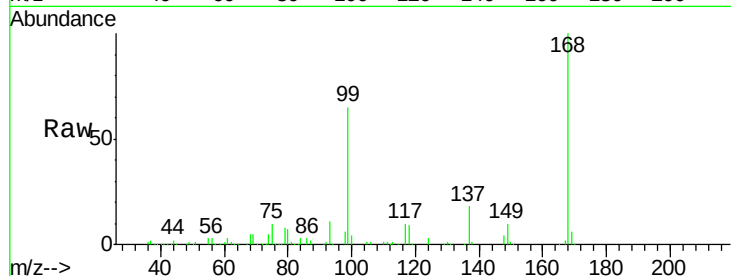
T1-S2(2.5)

Tot Ion:168 Resp: 407487

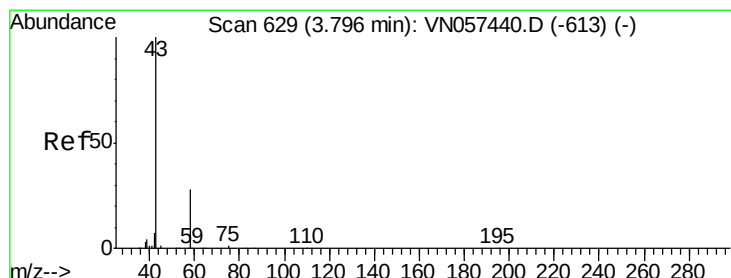
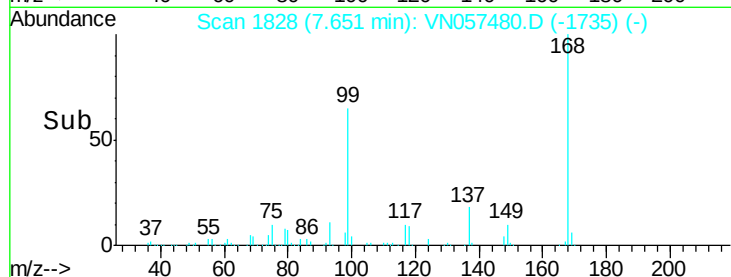
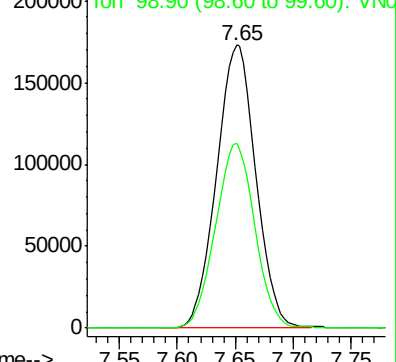
Ion Ratio Lower Upper

168 100

99 65.5 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057480.D (-1735) (-)



#16

Acetone

Concen: 9.342 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057480.D

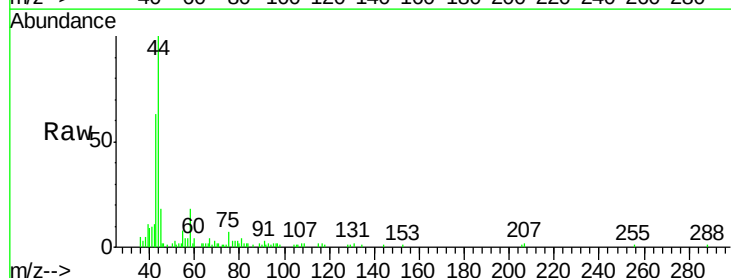
Acq: 23 Aug 2019 18:45

Tgt Ion: 43 Resp: 30752

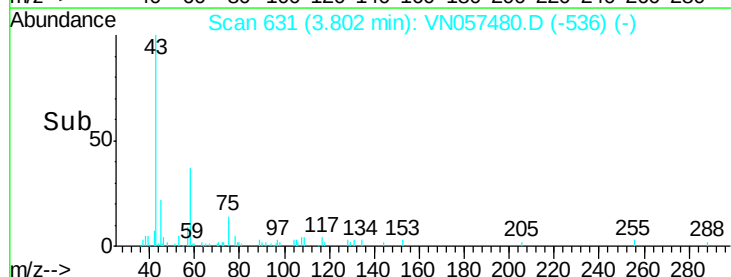
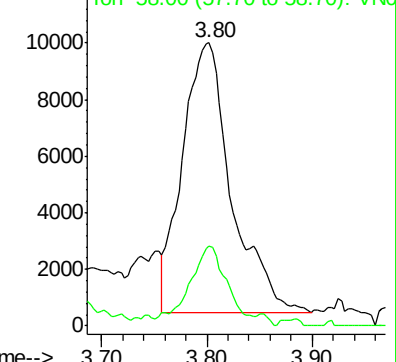
Ion Ratio Lower Upper

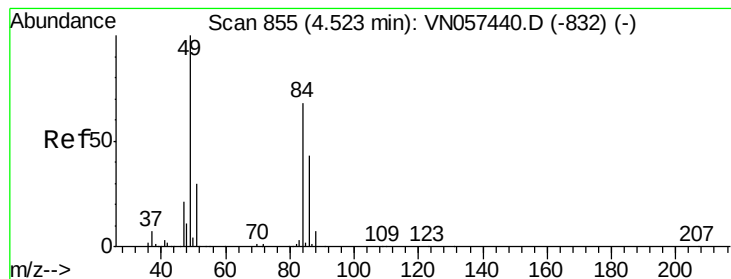
43 100

58 29.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN057480.D (-536) (-)





#20

Methylene Chloride

Concen: 3.064 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN057480.D

Acq: 23 Aug 2019 18:45

Instrument :

MSVOA_N

ClientSampled :

T1-S2(2.5)

Tot Ion: 84 Resp: 15296

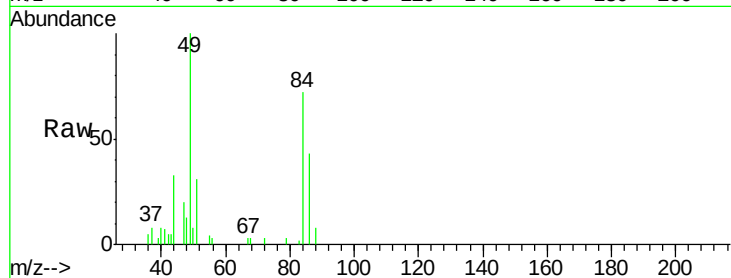
Ion Ratio Lower Upper

84 100

49 139.5 117.0 175.4

51 43.2 35.5 53.3

86 57.3 49.8 74.8

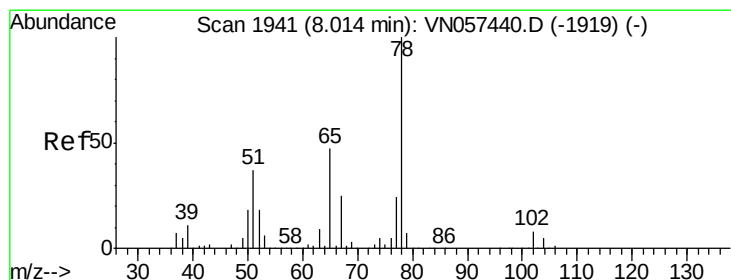
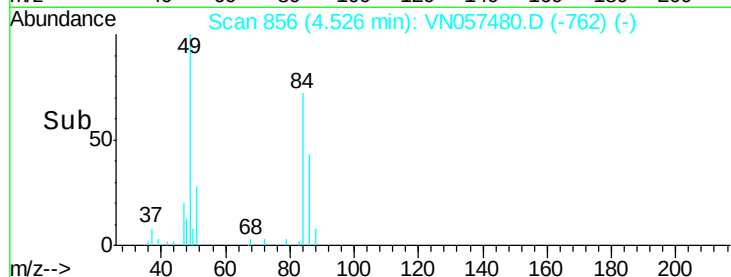
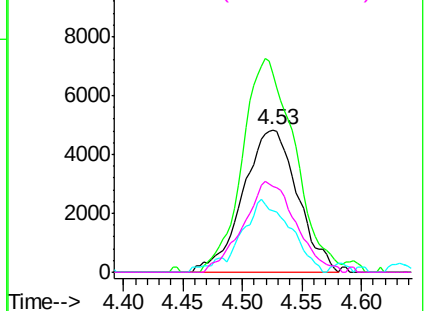


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 47.196 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057480.D

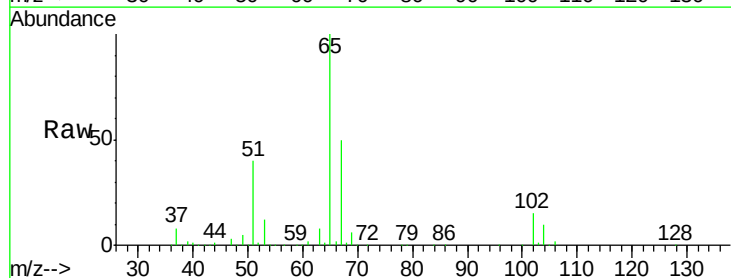
Acq: 23 Aug 2019 18:45

Tgt Ion: 65 Resp: 338307

Ion Ratio Lower Upper

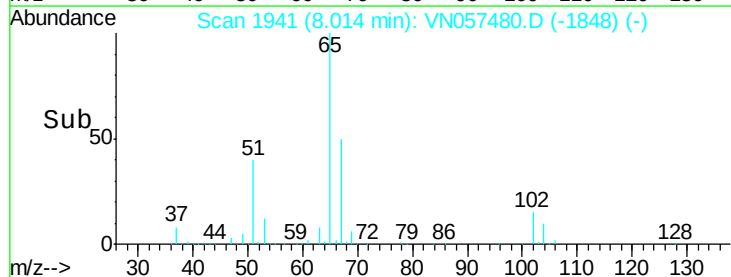
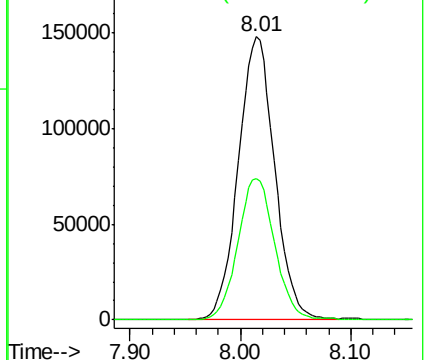
65 100

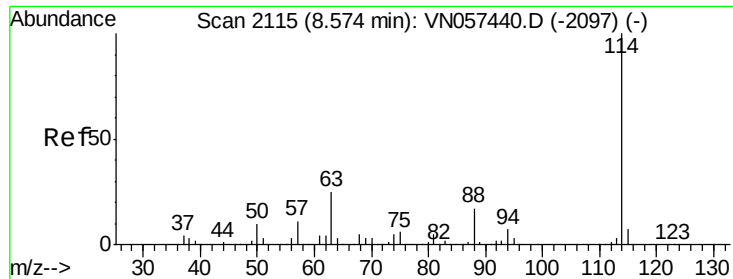
67 50.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

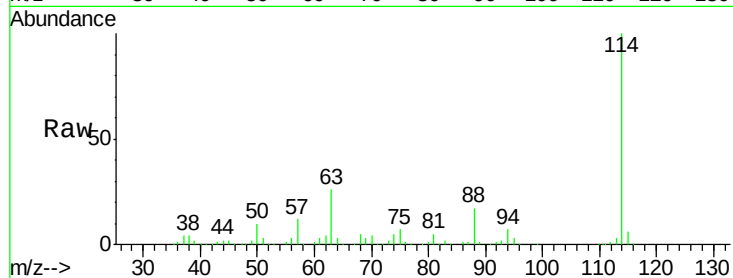




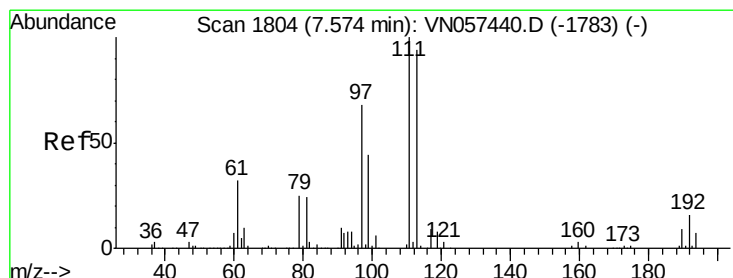
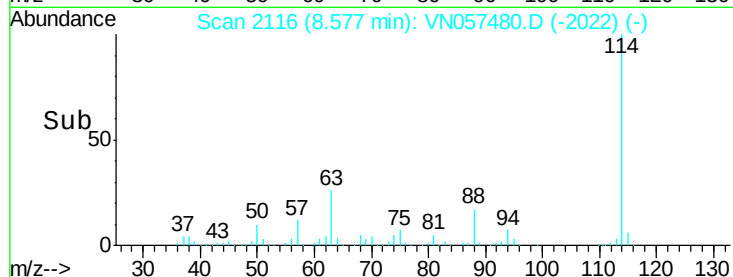
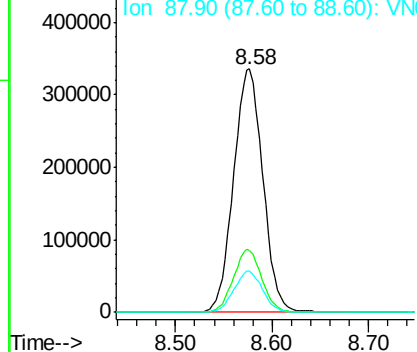
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN057480.D
Acq: 23 Aug 2019 18:45

Instrument :
MSVOA_N
ClientSampleId :
T1-S2(2.5)

Tot Ion:114 Resp: 707036
Ion Ratio Lower Upper
114 100
63 25.7 0.0 50.2
88 16.7 0.0 34.6

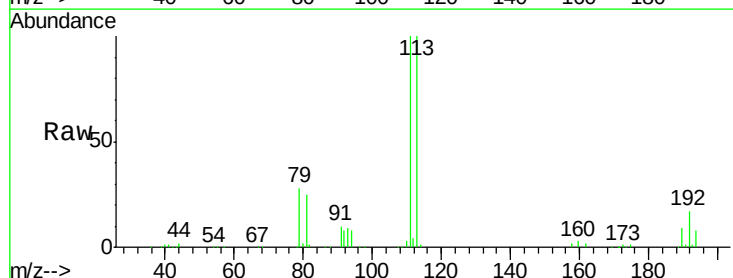


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

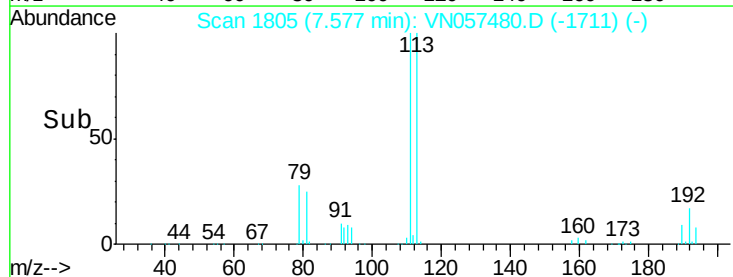
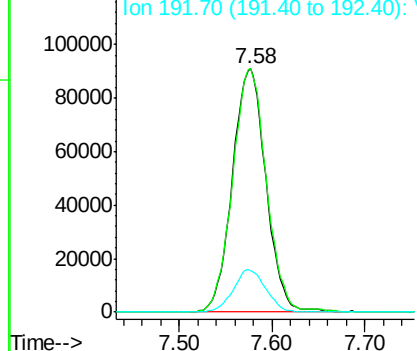


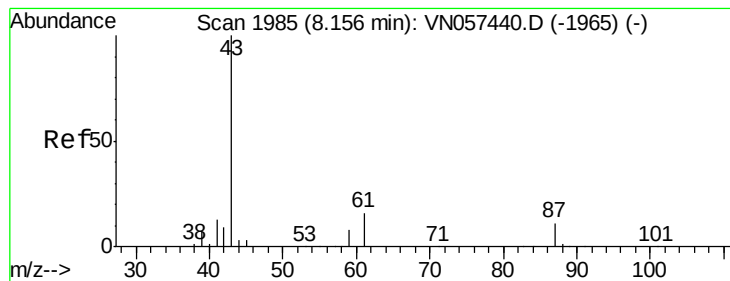
#35
Dibromofluoromethane
Concen: 47.841 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN057480.D
Acq: 23 Aug 2019 18:45

Tgt Ion:113 Resp: 228473
Ion Ratio Lower Upper
113 100
111 101.0 83.8 125.6
192 17.0 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: 6.266 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057480.D

Acq: 23 Aug 2019 18:45

Instrument :

MSVOA_N

ClientSampleId :

T1-S2(2.5)

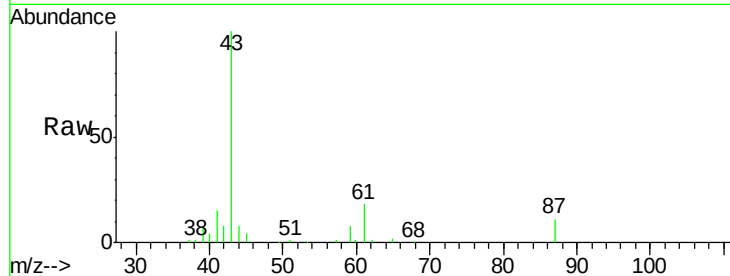
Tot Ion: 43 Resp: 82016

Ion Ratio Lower Upper

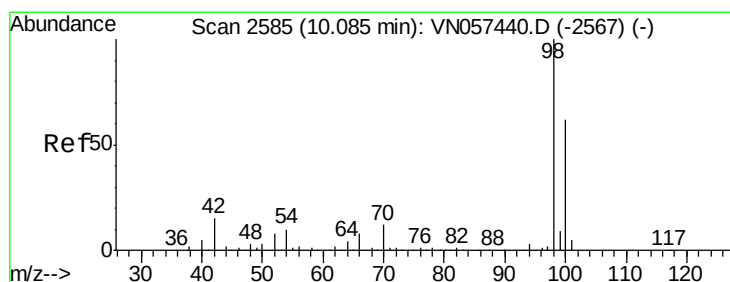
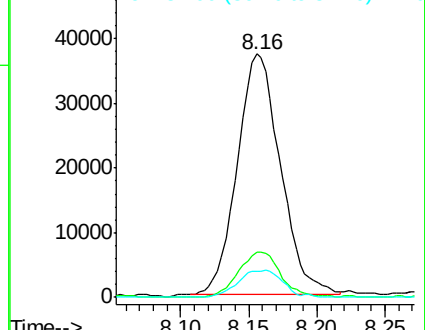
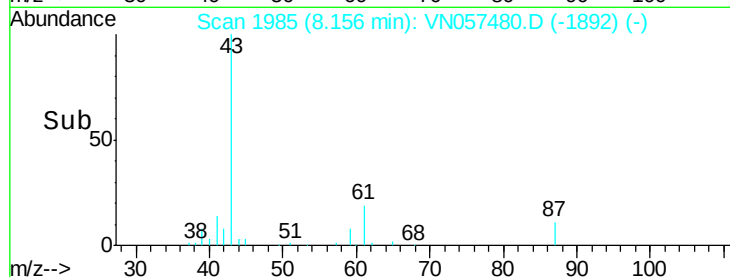
43 100

61 18.4 14.5 21.7

87 11.6 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN057480.D (-1892) (-)



#50

Toluene-d8

Concen: 49.054 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057480.D

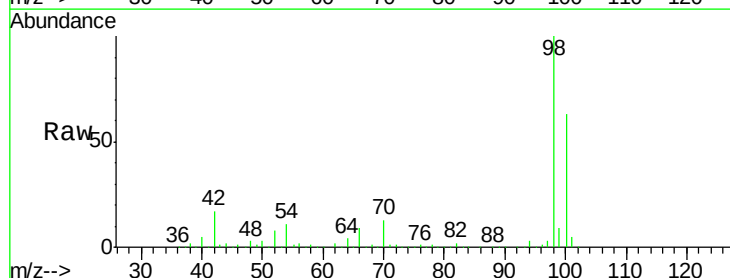
Acq: 23 Aug 2019 18:45

Tgt Ion: 98 Resp: 885810

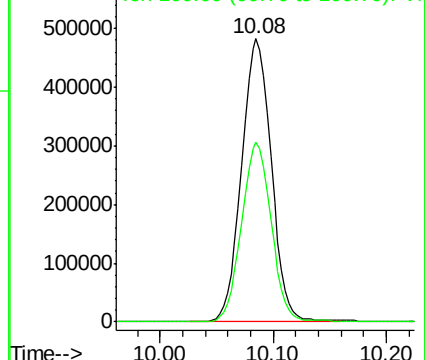
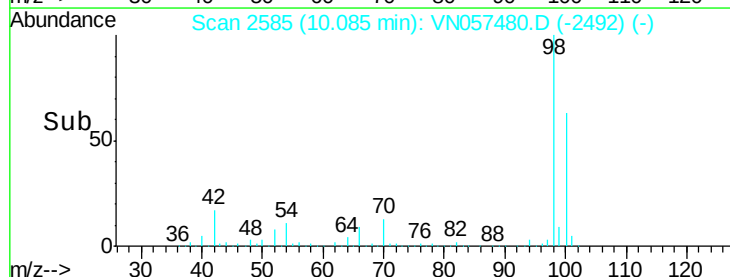
Ion Ratio Lower Upper

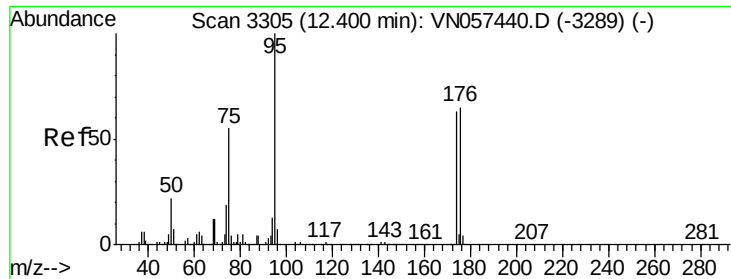
98 100

100 63.3 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN057480.D (-2492) (-)





#62

4-Bromofluorobenzene

Concen: 39.780 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057480.D

Acq: 23 Aug 2019 18:45

Instrument :

MSVOA_N

ClientSampleId :

T1-S2(2.5)

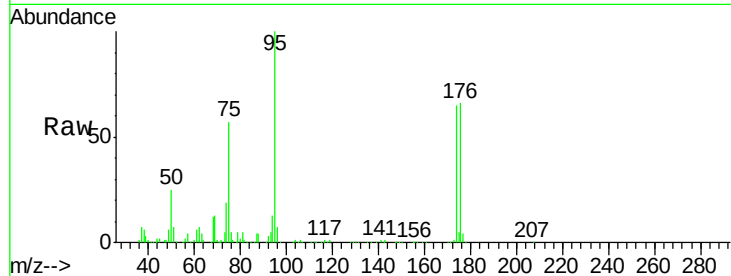
Tot Ion: 95 Resp: 243433

Ion Ratio Lower Upper

95 100

174 67.1 0.0 133.0

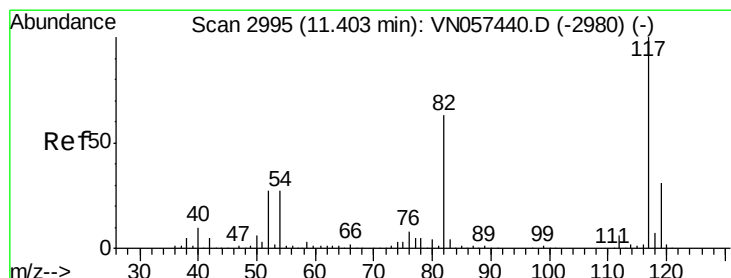
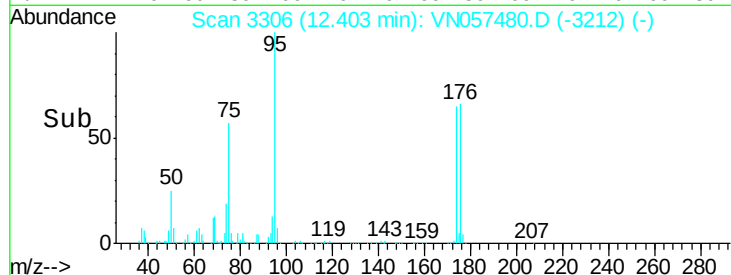
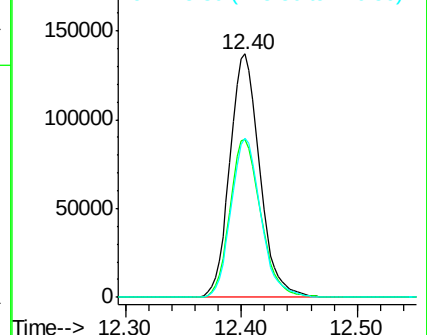
176 65.2 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057480.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN057480.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN057480.D (-3289) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN057480.D

Acq: 23 Aug 2019 18:45

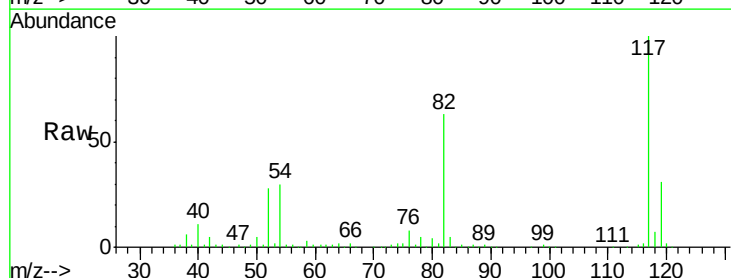
Tgt Ion: 117 Resp: 577522

Ion Ratio Lower Upper

117 100

82 63.5 50.6 75.8

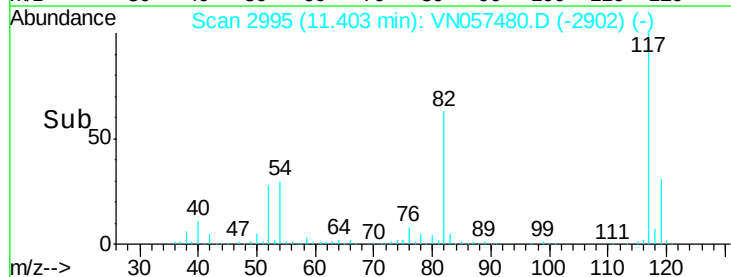
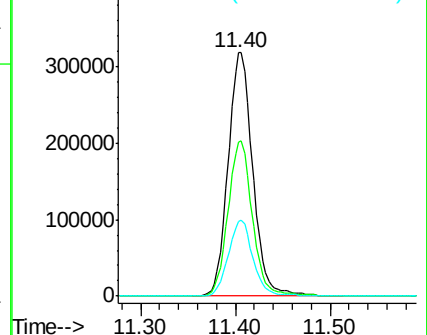
119 30.9 24.6 36.8

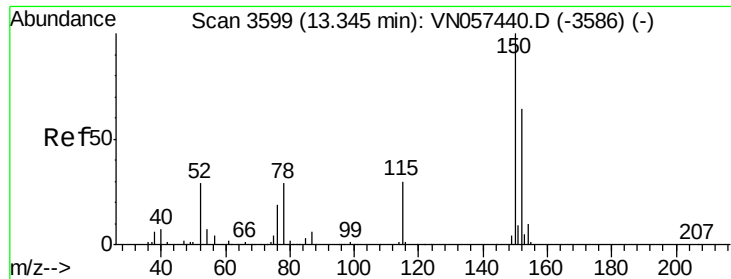


Abundance Ion 116.90 (116.60 to 117.60): VN057480.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN057480.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN057480.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057480.D

Acq: 23 Aug 2019 18:45

Instrument :

MSVOA_N

ClientSampleId :

T1-S2(2.5)

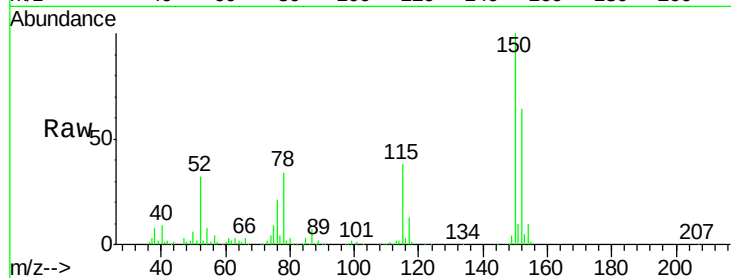
Tot Ion:152 Resp: 138784

Ion Ratio Lower Upper

152 100

115 61.7 32.0 96.0

150 161.5 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

