

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090719\
 Data File : VN057783.D
 Acq On : 8 Sep 2019 3:13
 Operator : JC/SP
 Sample : K4601-33
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-F3-(0)

Quant Time: Sep 08 07:32:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

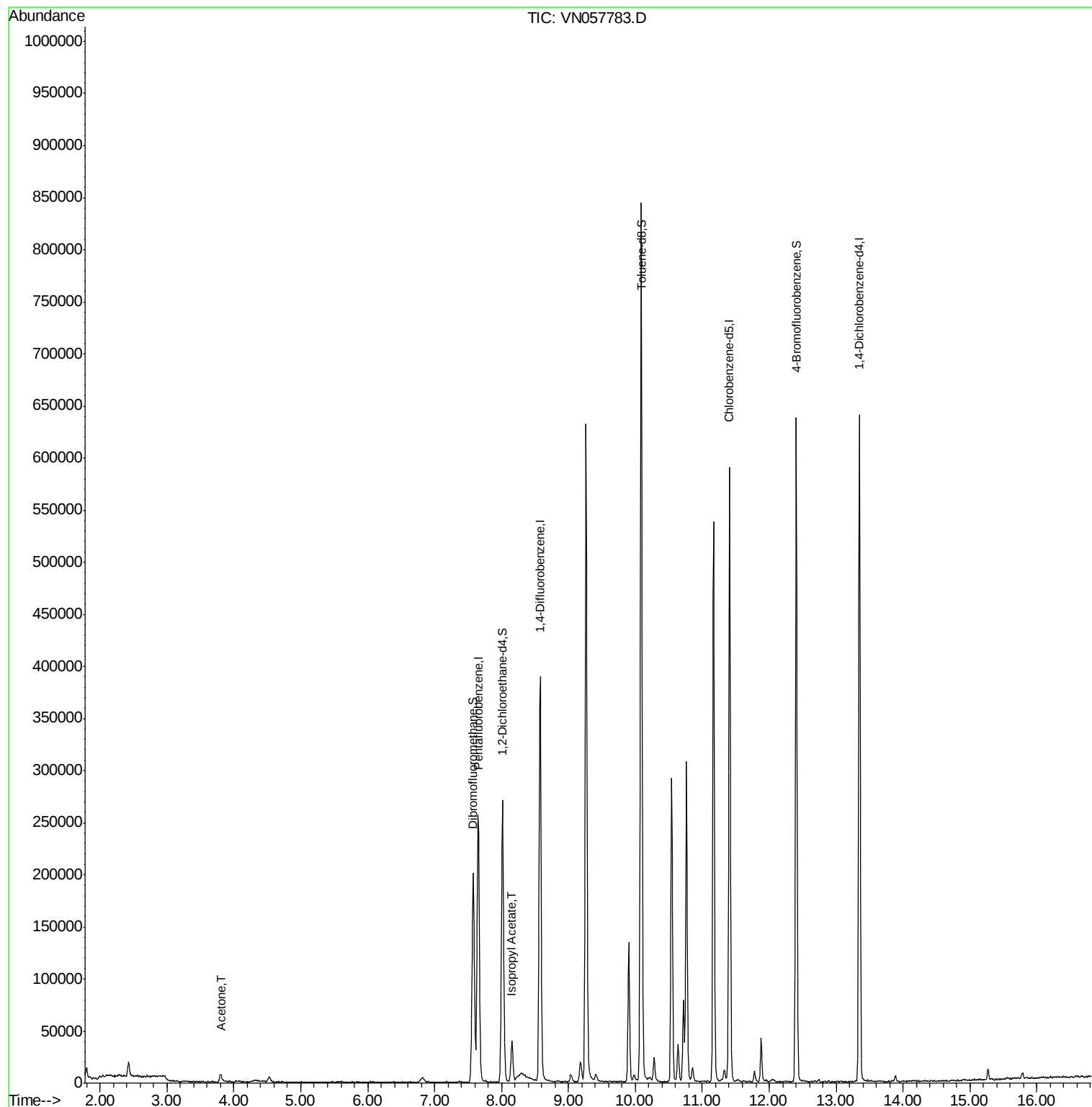
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	187168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	307057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	283534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	145411	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	233888	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
35) Dibromofluoromethane	7.58	113	144685	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
50) Toluene-d8	10.09	98	538771	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.40	95	200085	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.12%	
Target Compounds						
16) Acetone	3.81	43	12059	8.606	ug/l #	88
43) Isopropyl Acetate	8.16	43	47149	6.057	ug/l	98

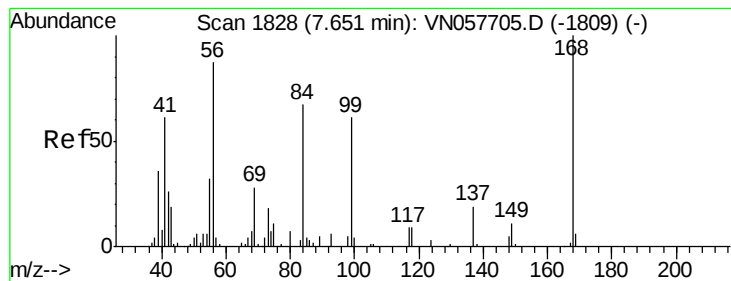
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 06 03:46:54 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: VN057783.D

Acq: 8 Sep 2019 3:13

Instrument :

MSVOA_N

ClientSampleId :

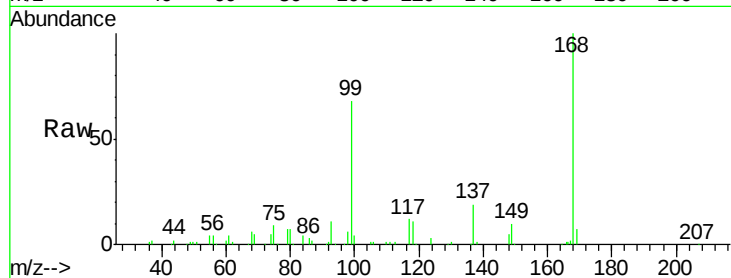
T12-F3-(0)

Tot Ion:168 Resp: 187168

Ion Ratio Lower Upper

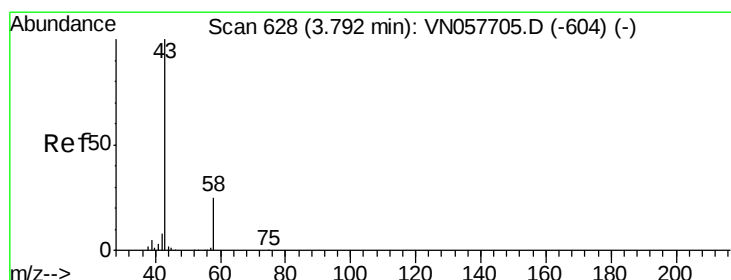
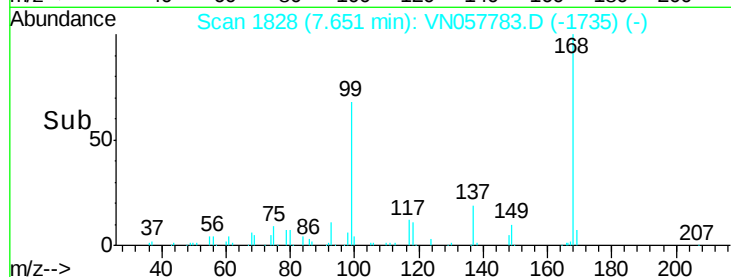
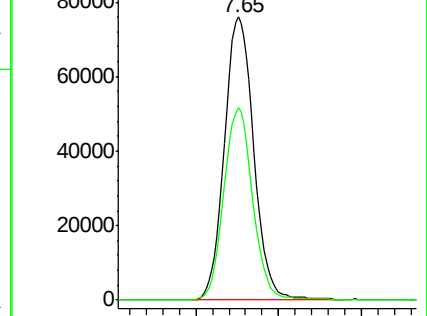
168 100

99 68.1 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 8.606 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.02 min

Lab File: VN057783.D

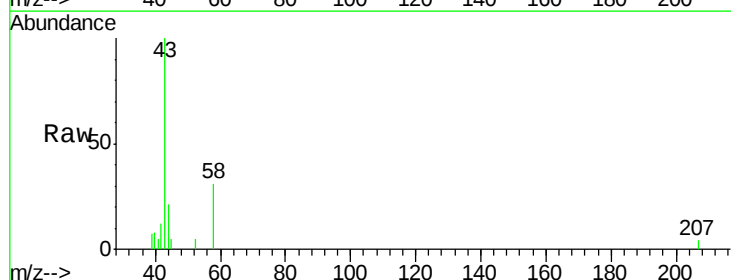
Acq: 8 Sep 2019 3:13

Tgt Ion: 43 Resp: 12059

Ion Ratio Lower Upper

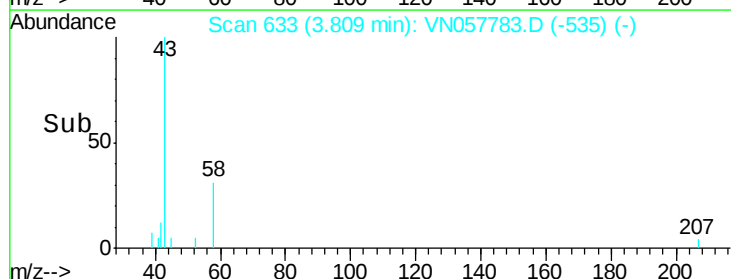
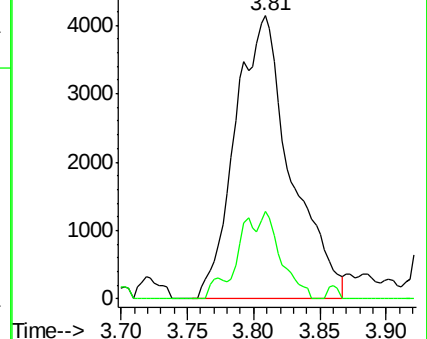
43 100

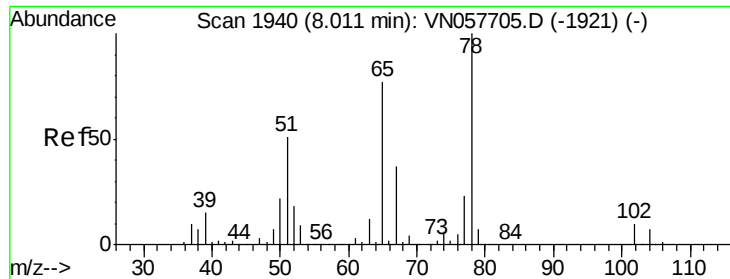
58 30.7 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 51.368 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057783.D

Acq: 8 Sep 2019 3:13

Instrument :

MSVOA_N

ClientSampleId :

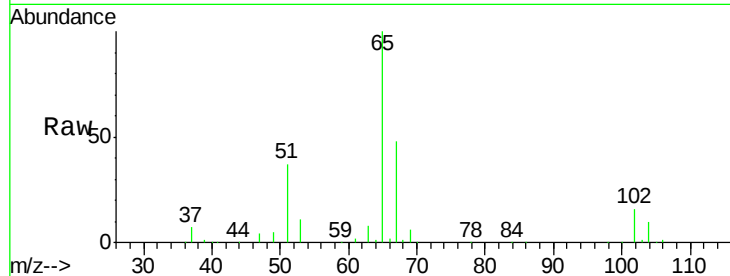
T12-F3-(0)

Tot Ion: 65 Resp: 233888

Ion Ratio Lower Upper

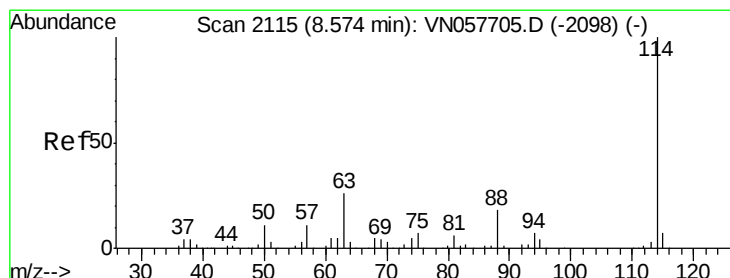
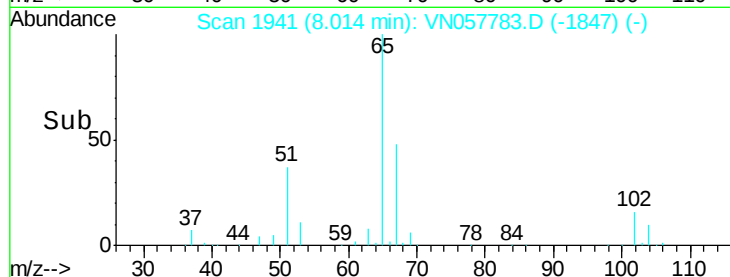
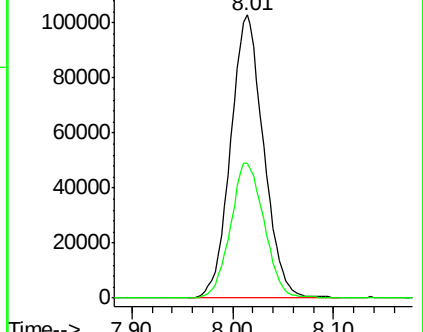
65 100

67 48.8 0.0 98.2



Abundance Ion 64.90 (64.60 to 65.60): VN057705.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN057705.D (-1921) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057783.D

Acq: 8 Sep 2019 3:13

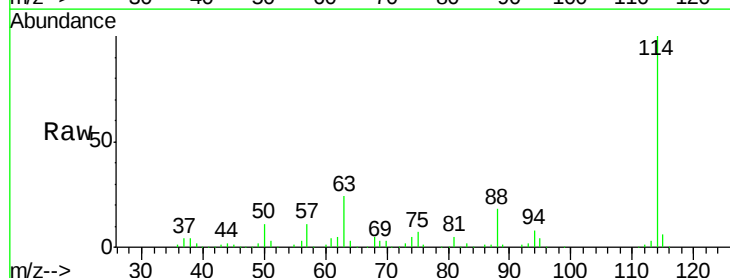
Tgt Ion: 114 Resp: 307057

Ion Ratio Lower Upper

114 100

63 24.4 0.0 52.4

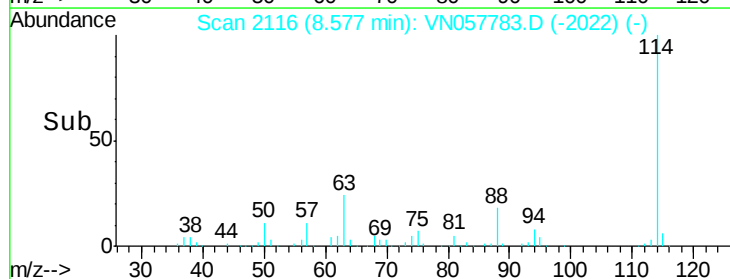
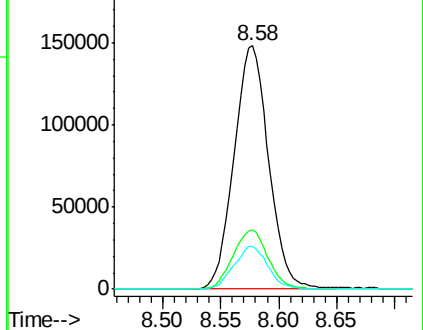
88 17.6 0.0 35.4

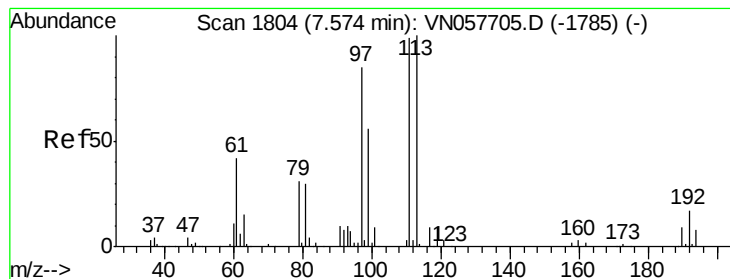


Abundance Ion 113.90 (113.60 to 114.60): VN057705.D (-2098) (-)

Ion 63.00 (62.70 to 63.70): VN057705.D (-2098) (-)

Ion 87.90 (87.60 to 88.60): VN057705.D (-2098) (-)





#35

Dibromofluoromethane

Concen: 51.732 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057783.D

Acq: 8 Sep 2019 3:13

Instrument :

MSVOA_N

ClientSampleId :

T12-F3-(0)

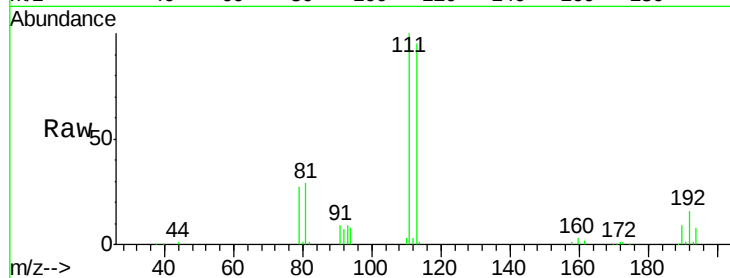
Tot Ion:113 Resp: 144685

Ion Ratio Lower Upper

113 100

111 101.7 82.7 124.1

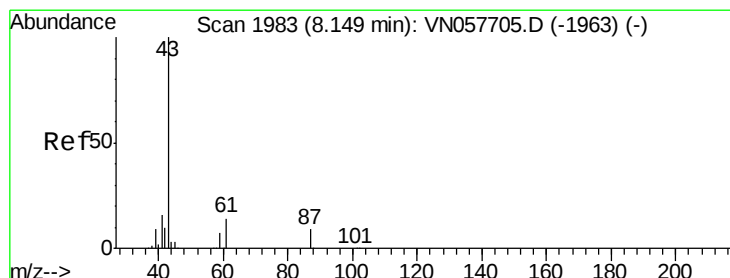
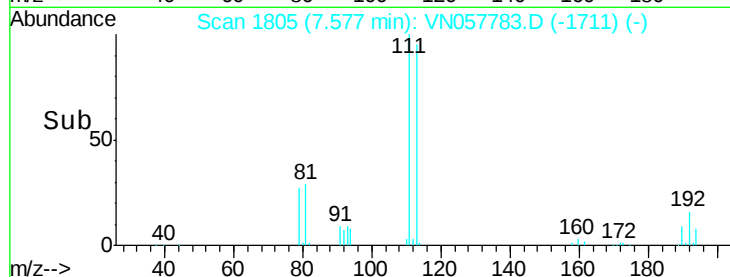
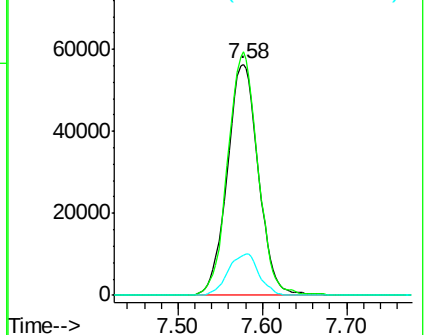
192 17.7 13.8 20.6



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: 6.057 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN057783.D

Acq: 8 Sep 2019 3:13

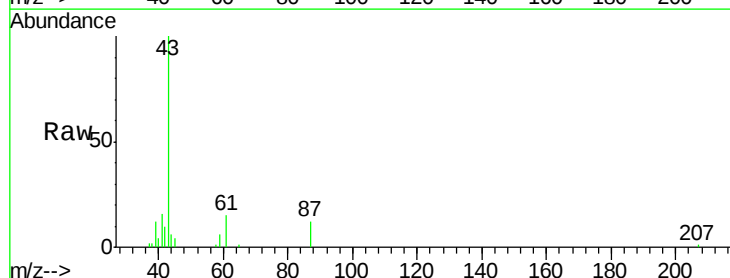
Tgt Ion: 43 Resp: 47149

Ion Ratio Lower Upper

43 100

61 16.6 12.8 19.2

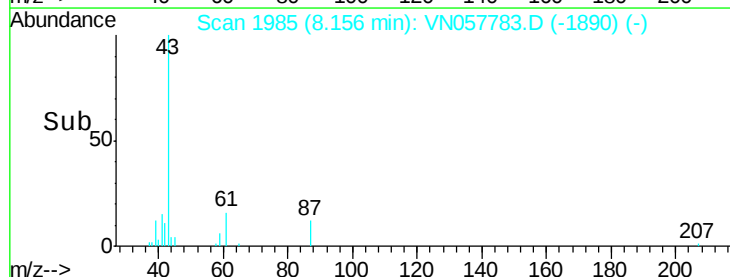
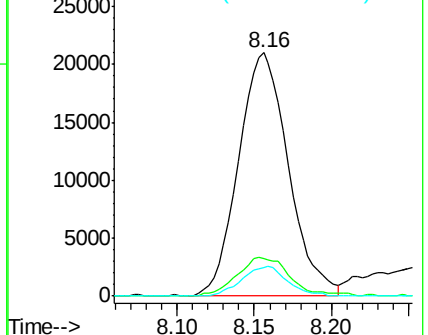
87 11.2 7.8 11.8

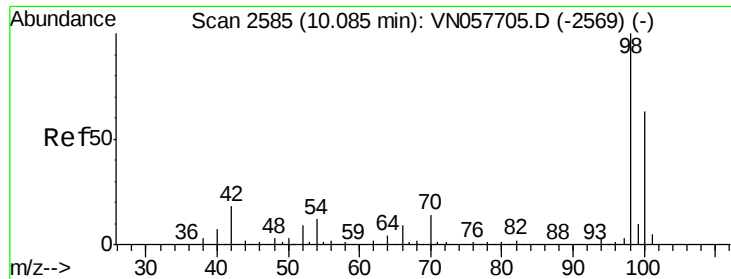


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 52.075 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057783.D

Acq: 8 Sep 2019 3:13

Instrument :

MSVOA_N

ClientSampleId :

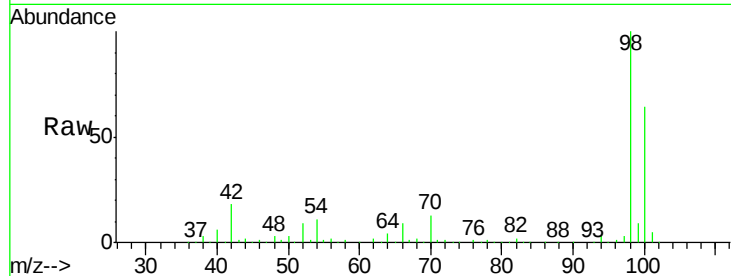
T12-F3-(0)

Tot Ion: 98 Resp: 538771

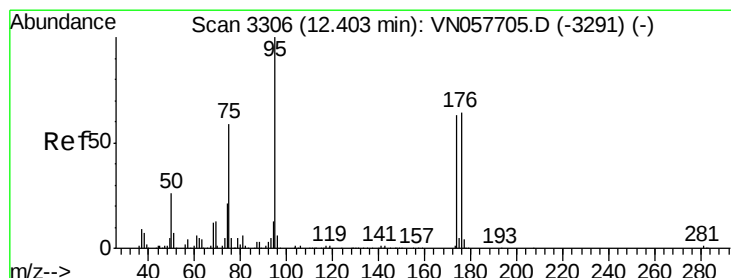
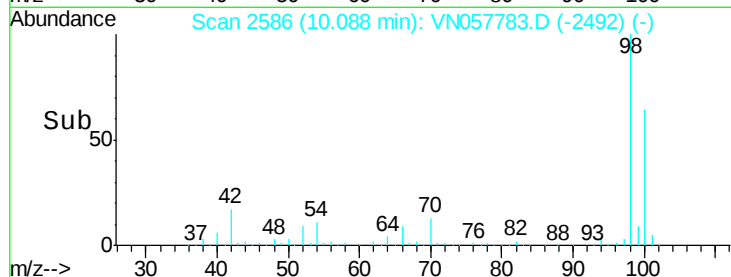
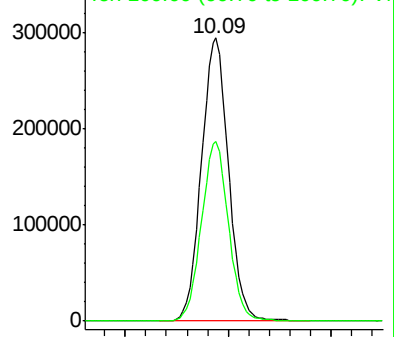
Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN057705.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: 46.561 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057783.D

Acq: 8 Sep 2019 3:13

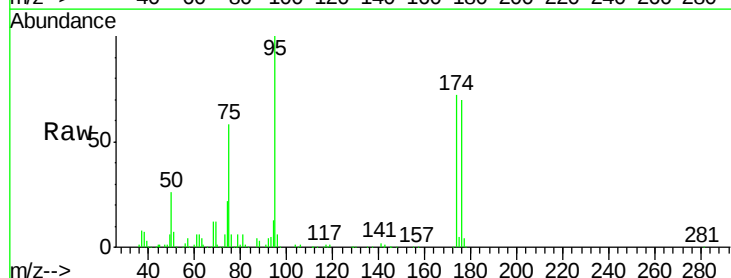
Tgt Ion: 95 Resp: 200085

Ion Ratio Lower Upper

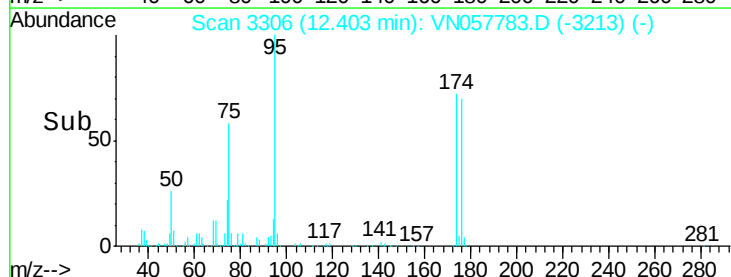
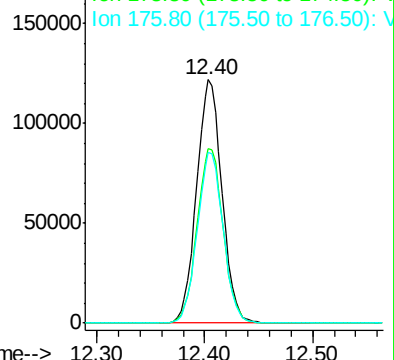
95 100

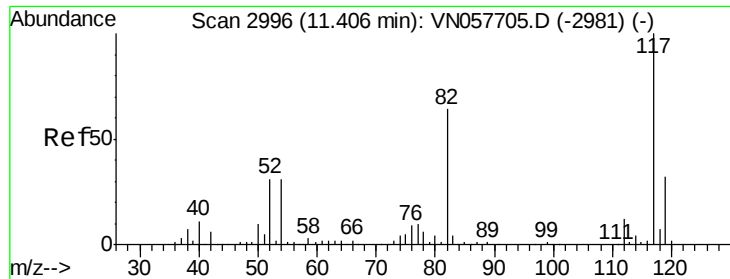
174 73.5 0.0 128.0

176 71.2 0.0 128.0



Abundance Ion 94.90 (94.60 to 95.60): VN057705.D (-3291) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057783.D

Acq: 8 Sep 2019 3:13

Instrument :

MSVOA_N

ClientSampleId :

T12-F3-(0)

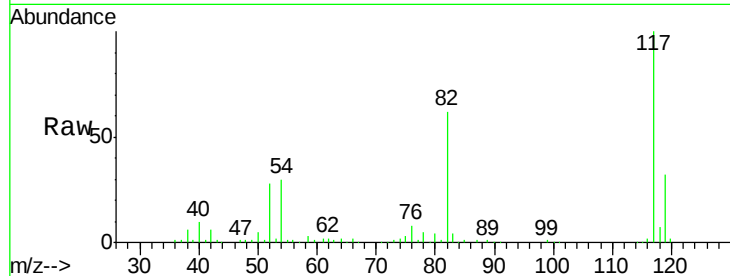
Tot Ion:117 Resp: 283534

Ion Ratio Lower Upper

117 100

82 62.1 51.4 77.0

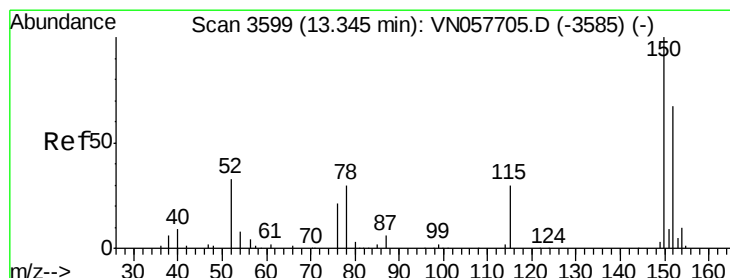
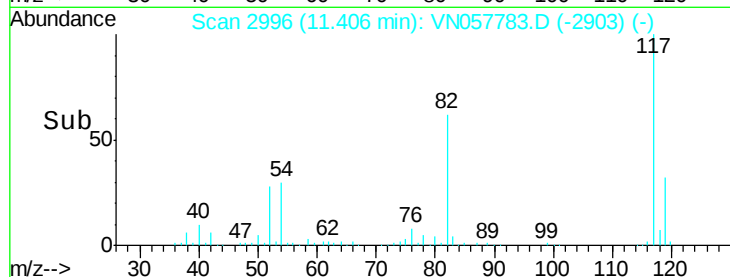
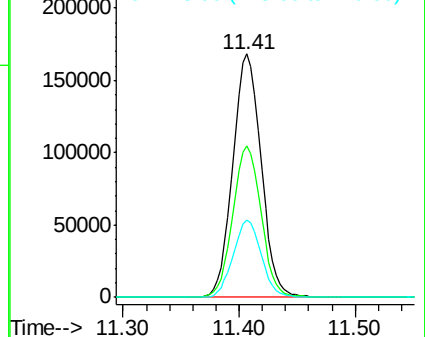
119 32.0 25.4 38.2



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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057783.D

Acq: 8 Sep 2019 3:13

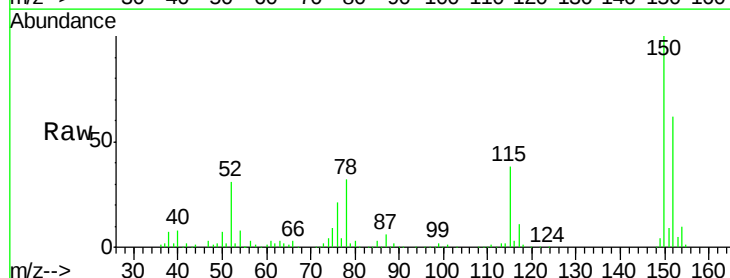
Tgt Ion:152 Resp: 145411

Ion Ratio Lower Upper

152 100

115 64.1 33.8 101.3

150 159.6 0.0 345.4



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

