

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090719\
 Data File : VN057779.D
 Acq On : 8 Sep 2019 1:45
 Operator : JC/SP
 Sample : K4601-28
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-E3-(2.7)

Quant Time: Sep 08 07:28:21 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

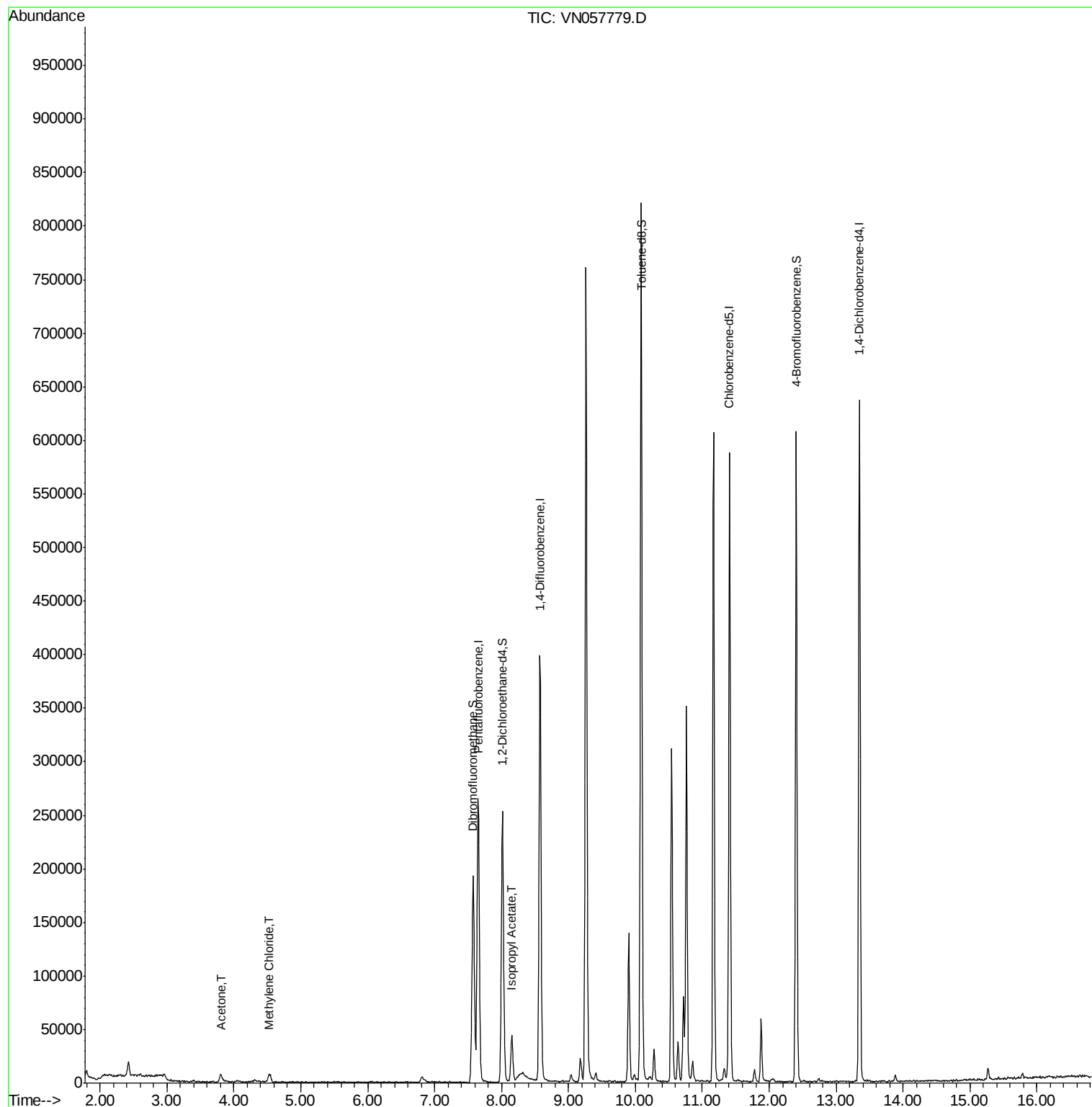
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	197373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	317920	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	290537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	149555	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	225998	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
35) Dibromofluoromethane	7.58	113	138050	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
50) Toluene-d8	10.09	98	524406	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.40	95	187383	42.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.22%	
Target Compounds						
16) Acetone	3.81	43	12275	8.307	ug/l #	83
20) Methylene Chloride	4.53	84	4730	1.480	ug/l #	89
43) Isopropyl Acetate	8.15	43	52933	6.568	ug/l	98

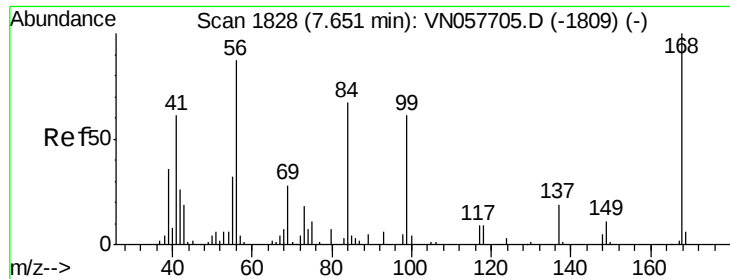
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057779.D

Acq: 8 Sep 2019 1:45

Instrument :

MSVOA_N

ClientSampleId :

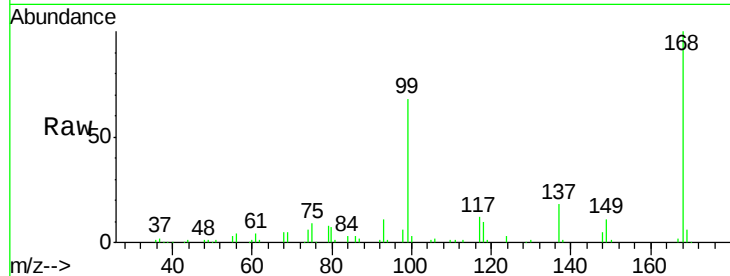
T12-E3-(2.7)

Tot Ion:168 Resp: 197373

Ion Ratio Lower Upper

168 100

99 67.6 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): VN057779.D (-1735) (-)

Ion 98.90 (98.60 to 99.60): VN057779.D (-1735) (-)

7.65

80000

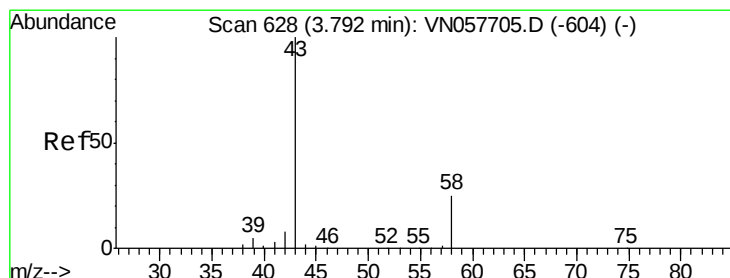
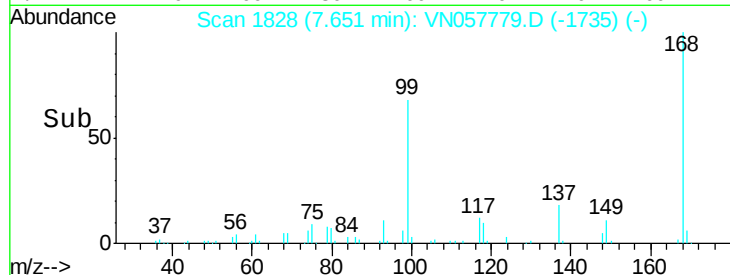
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 8.307 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.02 min

Lab File: VN057779.D

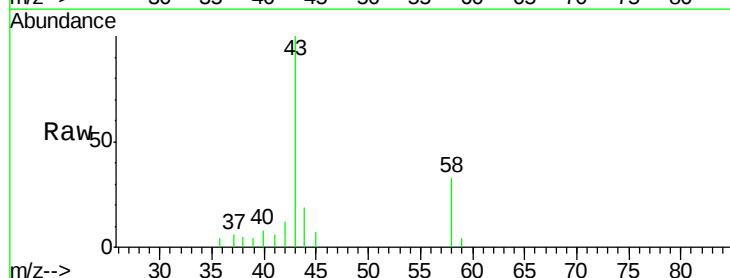
Acq: 8 Sep 2019 1:45

Tgt Ion: 43 Resp: 12275

Ion Ratio Lower Upper

43 100

58 33.2 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VN057779.D (-535) (-)

Ion 58.00 (57.70 to 58.70): VN057779.D (-535) (-)

3.81

4000

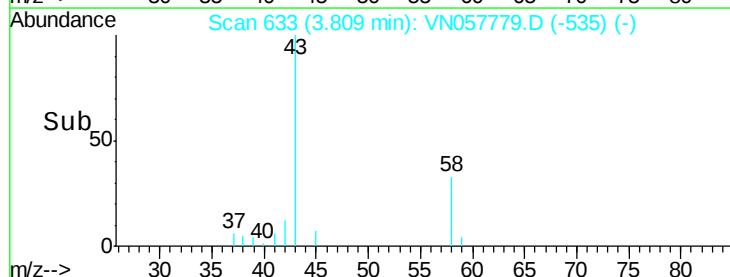
3000

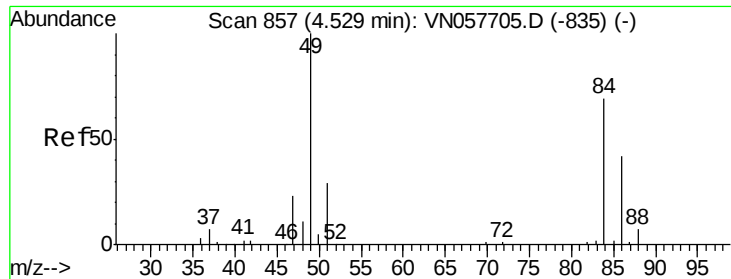
2000

1000

0

Time-->

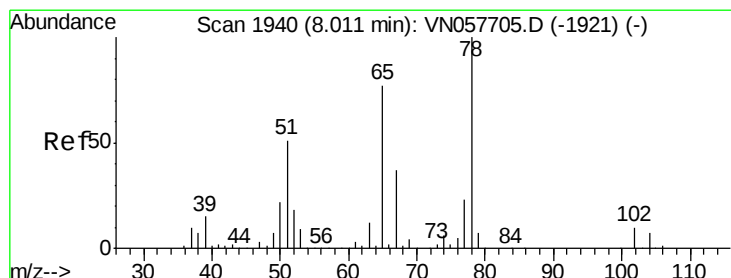
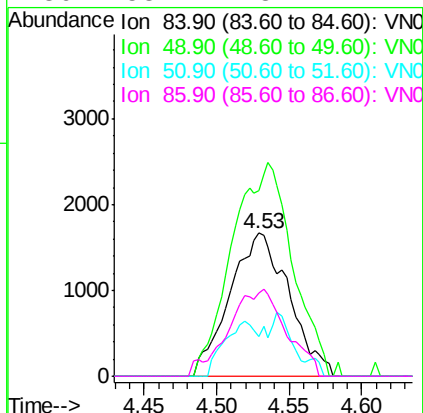
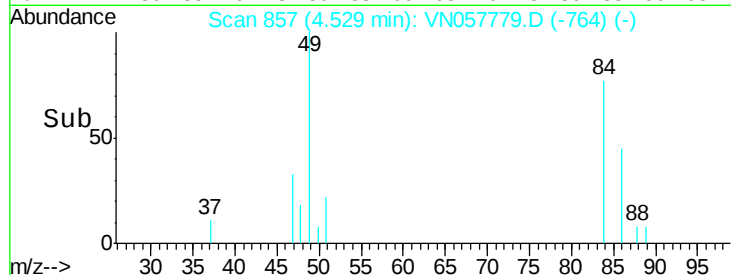
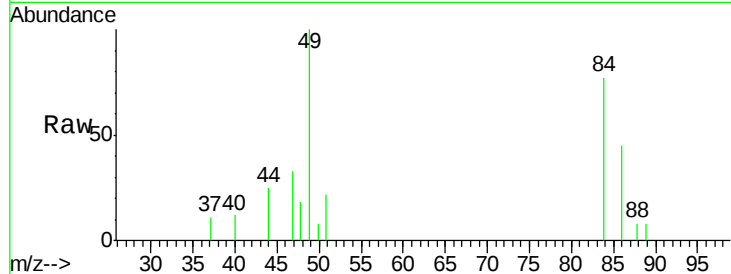




#20
Methylene Chloride
Concen: 1.480 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN057779.D
Acq: 8 Sep 2019 1:45

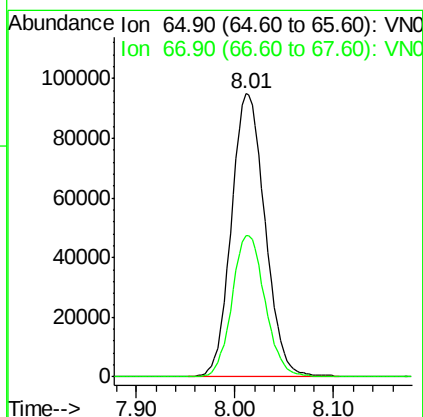
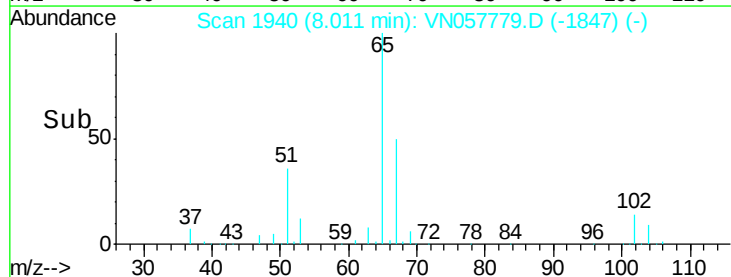
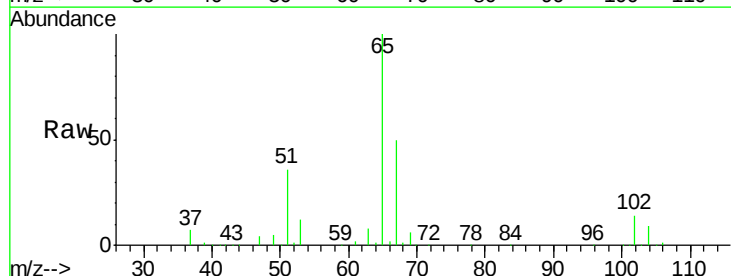
Instrument :
MSVOA_N
ClientSampled :
T12-E3-(2.7)

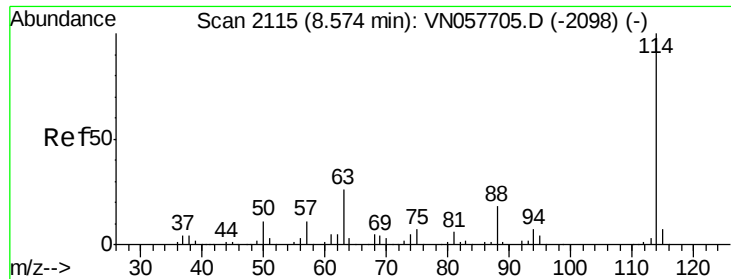
Tot Ion: 84 Resp: 4730
Ion Ratio Lower Upper
84 100
49 130.4 115.0 172.6
51 28.2 33.8 50.8#
86 58.2 48.2 72.2



#33
1,2-Dichloroethane-d4
Concen: 47.068 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN057779.D
Acq: 8 Sep 2019 1:45

Tgt Ion: 65 Resp: 225998
Ion Ratio Lower Upper
65 100
67 48.8 0.0 98.2

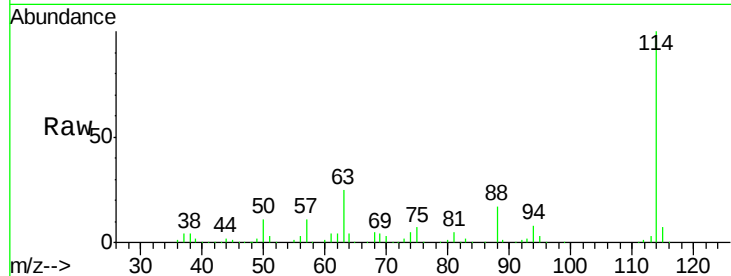




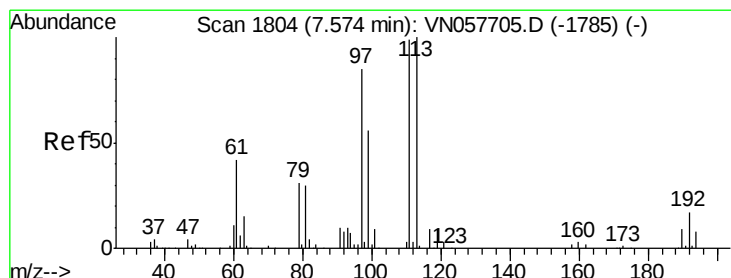
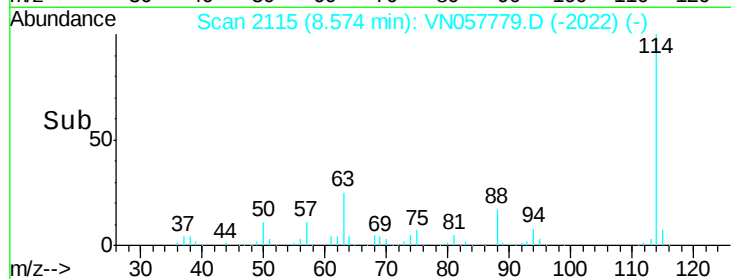
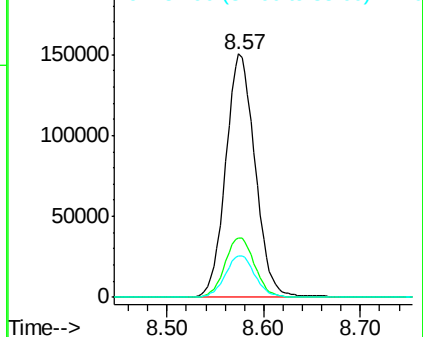
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057779.D
 Acq: 8 Sep 2019 1:45

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-E3-(2.7)

Tot Ion:114 Resp: 317920
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 52.4
 88 17.2 0.0 35.4

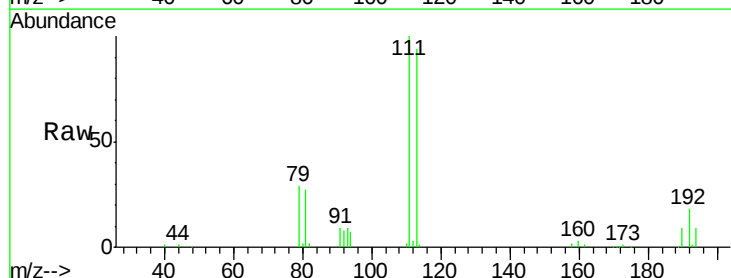


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

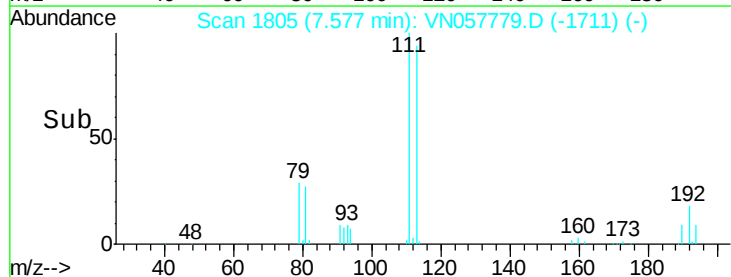
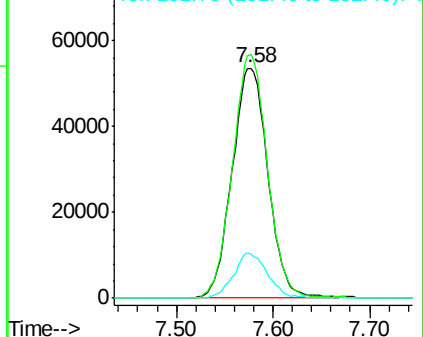


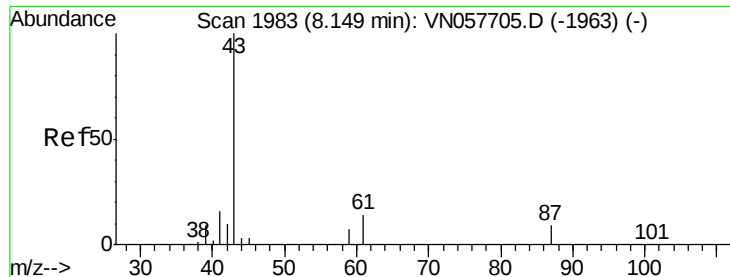
#35
 Dibromofluoromethane
 Concen: 47.673 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057779.D
 Acq: 8 Sep 2019 1:45

Tgt Ion:113 Resp: 138050
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.7 124.1
 192 18.5 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: 6.568 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057779.D

Acq: 8 Sep 2019 1:45

Instrument :

MSVOA_N

ClientSampleId :

T12-E3-(2.7)

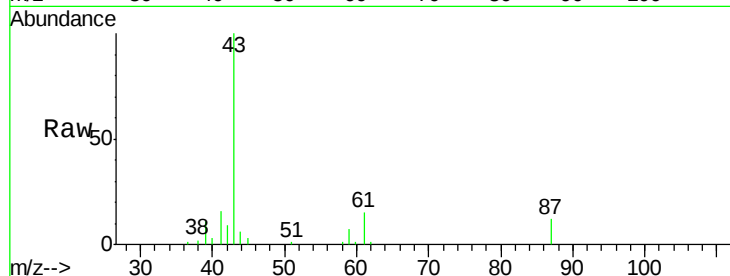
Tot Ion: 43 Resp: 52933

Ion Ratio Lower Upper

43 100

61 15.7 12.8 19.2

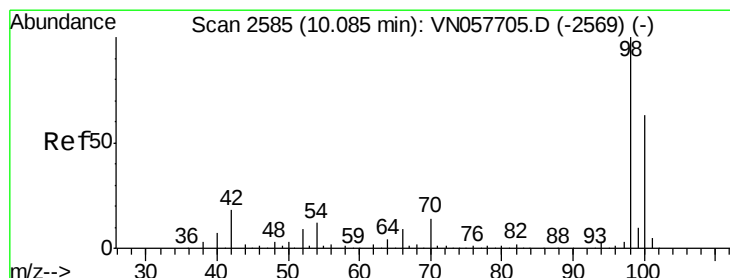
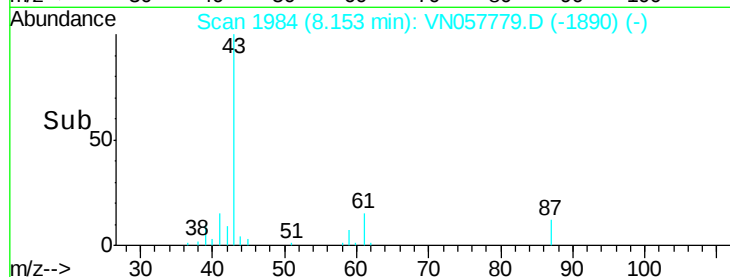
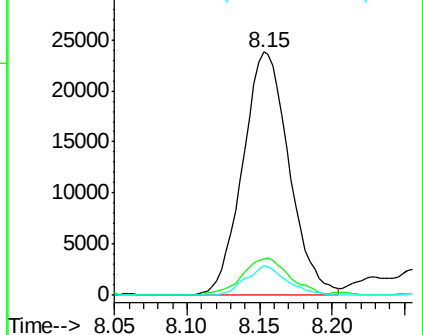
87 10.8 7.8 11.8



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: 48.954 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057779.D

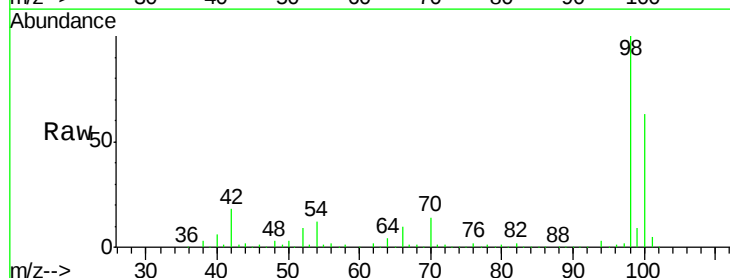
Acq: 8 Sep 2019 1:45

Tgt Ion: 98 Resp: 524406

Ion Ratio Lower Upper

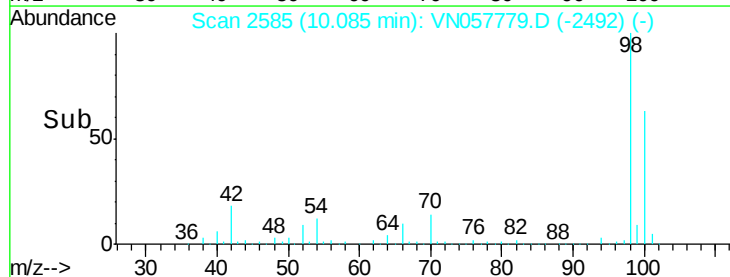
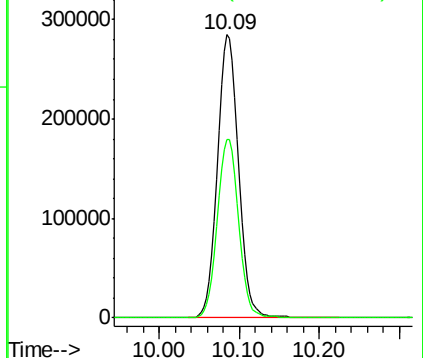
98 100

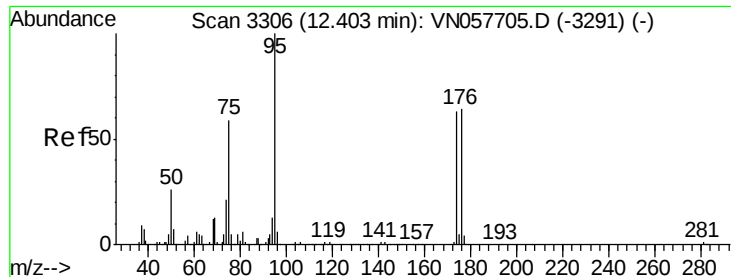
100 63.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 42.115 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057779.D

Acq: 8 Sep 2019 1:45

Instrument :

MSVOA_N

ClientSampled :

T12-E3-(2.7)

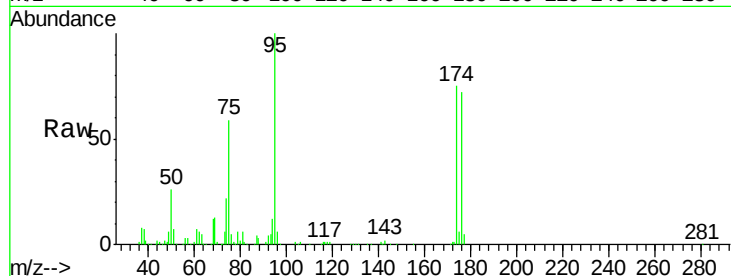
Tot Ion: 95 Resp: 187383

Ion Ratio Lower Upper

95 100

174 76.0 0.0 128.0

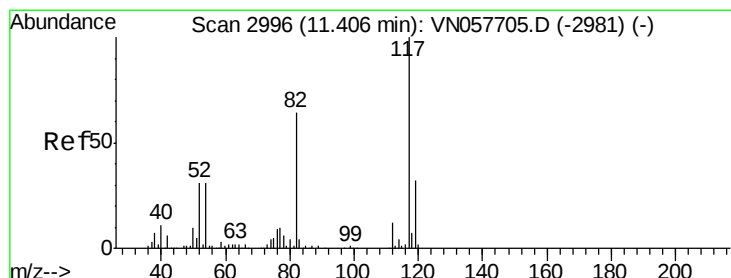
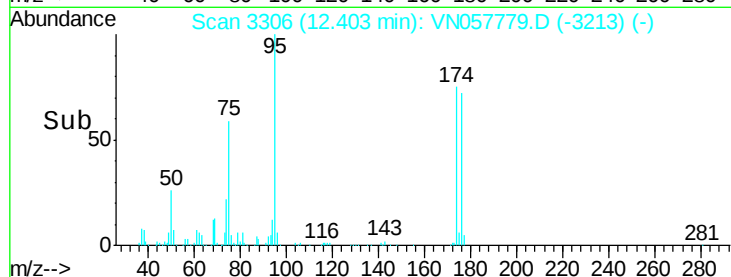
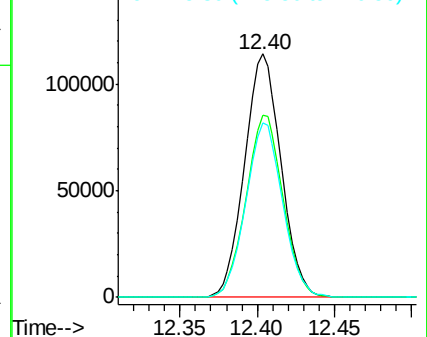
176 72.4 0.0 128.0



Abundance Ion 94.90 (94.60 to 95.60): VN057779.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN057779.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN057779.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057779.D

Acq: 8 Sep 2019 1:45

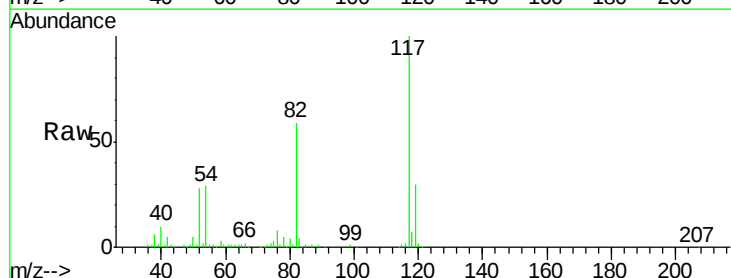
Tgt Ion: 117 Resp: 290537

Ion Ratio Lower Upper

117 100

82 59.2 51.4 77.0

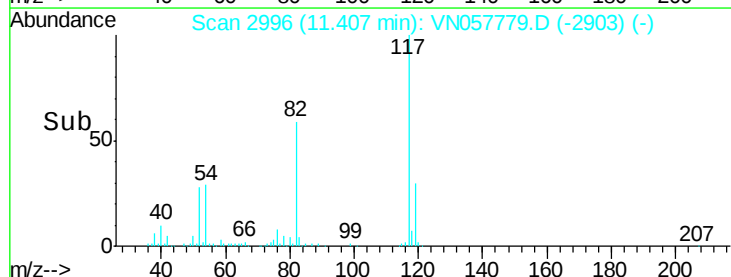
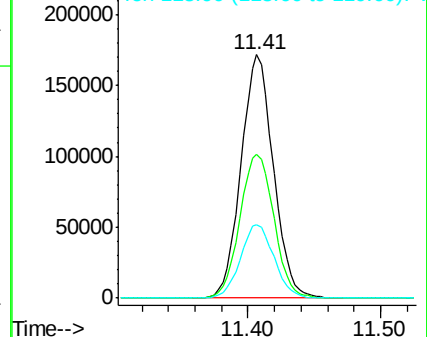
119 30.4 25.4 38.2

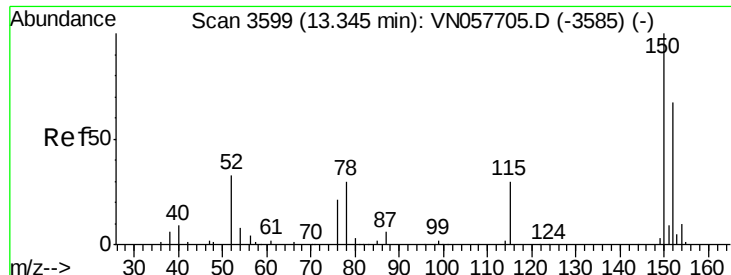


Abundance Ion 116.90 (116.60 to 117.60): VN057779.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN057779.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN057779.D (-2903) (-)

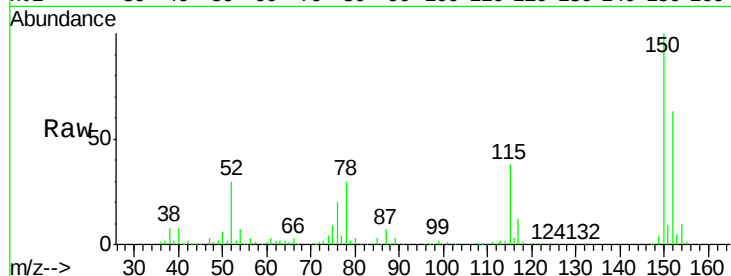




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN057779.D
 Acq: 8 Sep 2019 1:45

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-E3-(2.7)

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.2	33.8	101.3
150	158.2	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

