

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090719\
 Data File : VN057761.D
 Acq On : 7 Sep 2019 18:03
 Operator : JC/SP
 Sample : K4581-33
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-D3-(0)

Quant Time: Sep 08 07:03:21 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

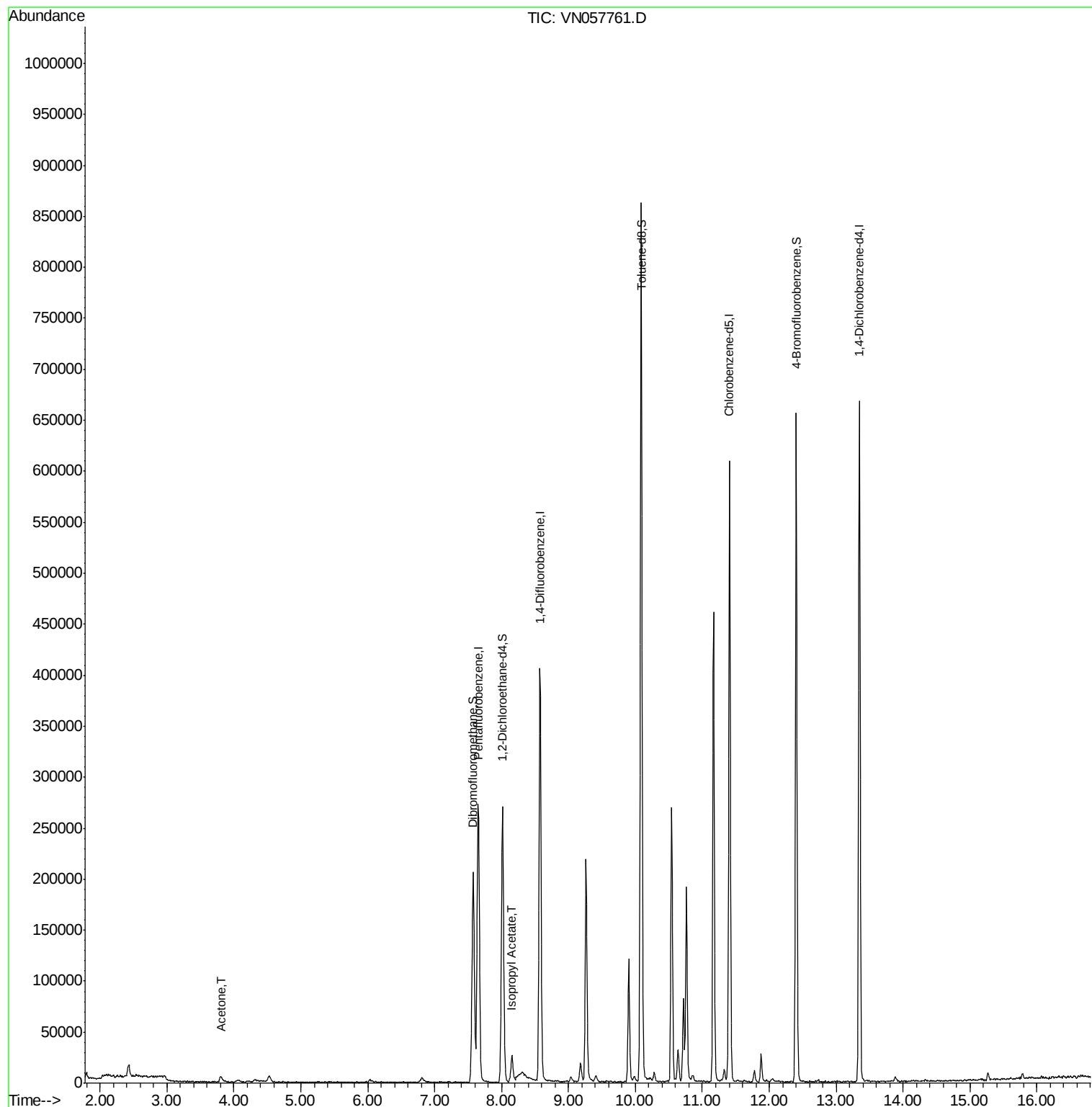
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	199500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	320958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	291068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	152267	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	239852	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
35) Dibromofluoromethane	7.58	113	146873	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
50) Toluene-d8	10.08	98	548711	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.40	95	201980	44.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.94%	
Target Compounds						
16) Acetone	3.81	43	10164	6.805	ug/l #	88
43) Isopropyl Acetate	8.16	43	33638	4.134	ug/l #	92

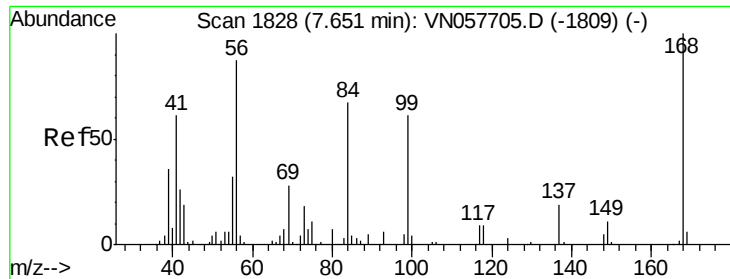
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057761.D

Acq: 7 Sep 2019 18:03

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MSVOA_N

ClientSampleId :

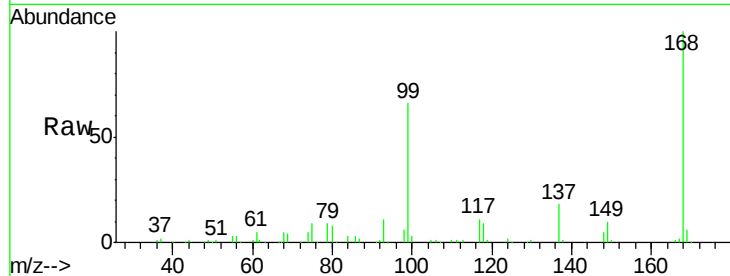
T12-D3-(0)

Tot Ion:168 Resp: 199500

Ion Ratio Lower Upper

168 100

99 66.5 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): VN057761.D (-1735) (-)

Ion 98.90 (98.60 to 99.60): VN057761.D (-1735) (-)

7.65

80000

60000

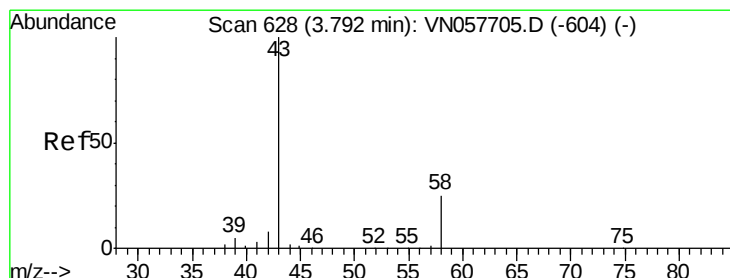
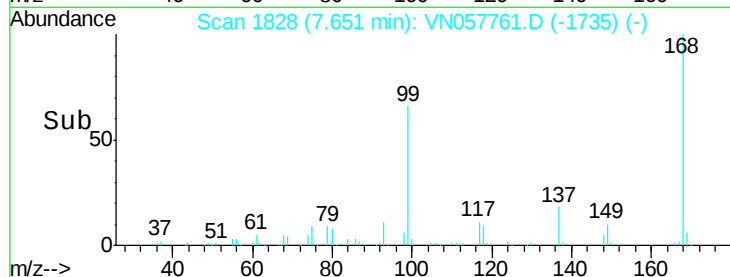
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#16

Acetone

Concen: 6.805 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.02 min

Lab File: VN057761.D

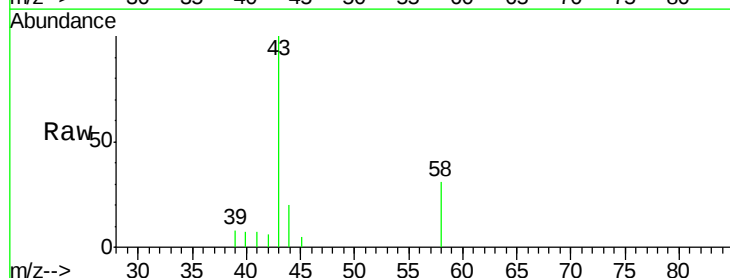
Acq: 7 Sep 2019 18:03

Tgt Ion: 43 Resp: 10164

Ion Ratio Lower Upper

43 100

58 30.7 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VN057761.D (-535) (-)

Ion 58.00 (57.70 to 58.70): VN057761.D (-535) (-)

3.81

4000

3000

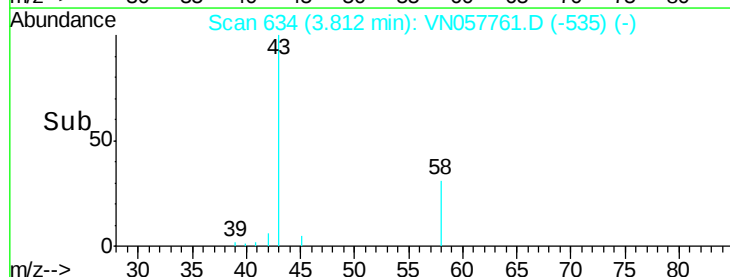
2000

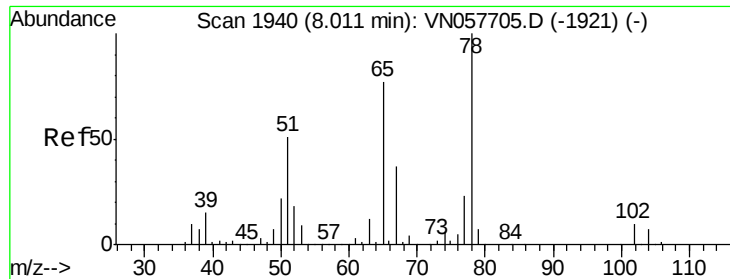
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->

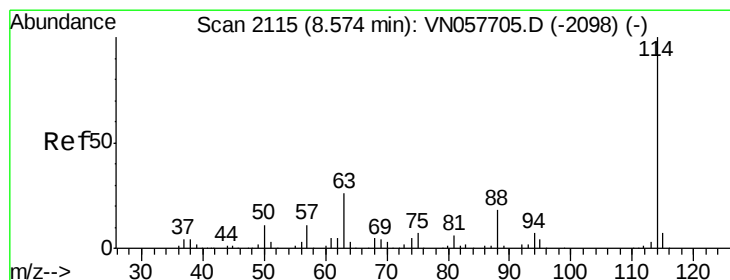
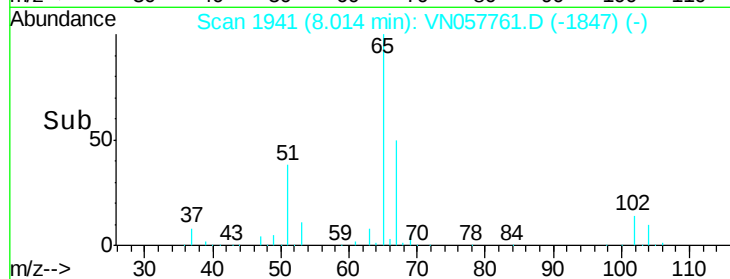
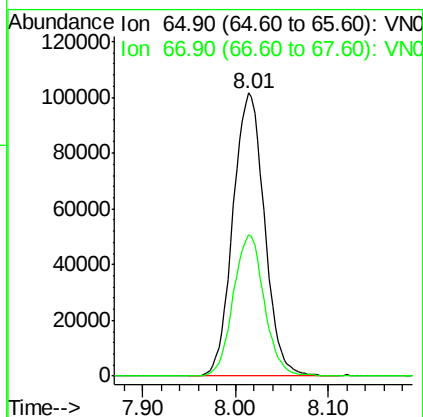
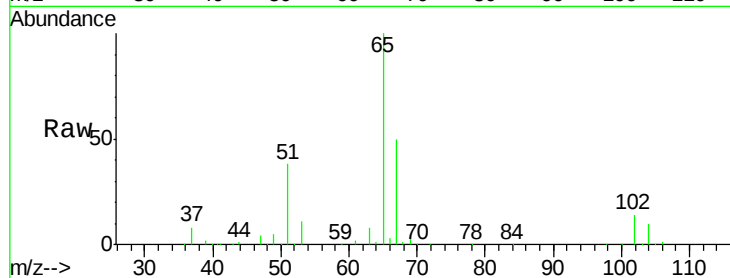




#33
 1,2-Dichloroethane-d4
 Concen: 49.421 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057761.D
 Acq: 7 Sep 2019 18:03

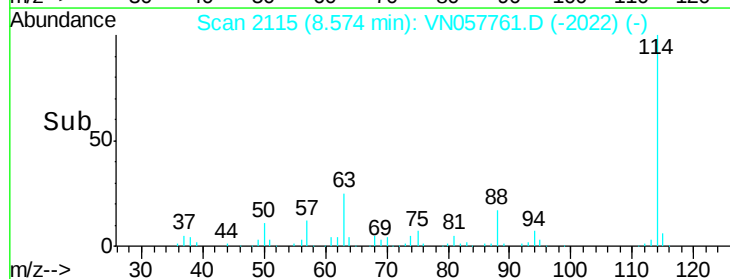
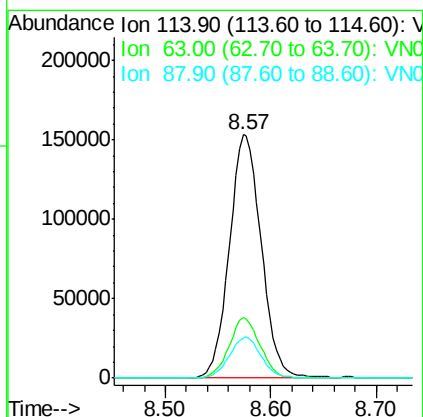
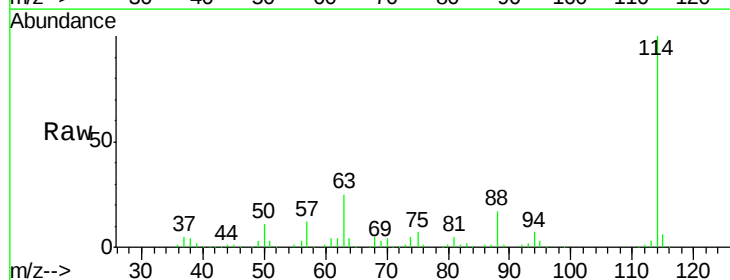
Instrument :
 MSVOA_N
 ClientSampleId :
 T12-D3-(0)

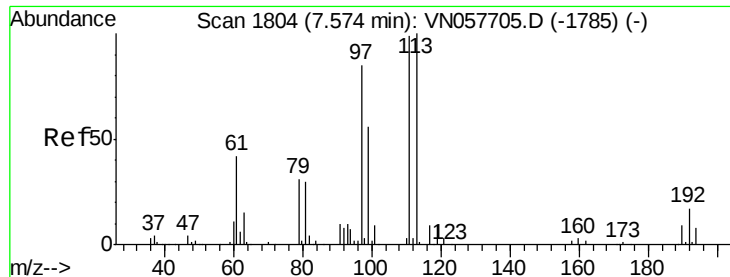
Tot Ion: 65 Resp: 239852
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057761.D
 Acq: 7 Sep 2019 18:03

Tgt Ion: 114 Resp: 320958
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 52.4
 88 16.6 0.0 35.4

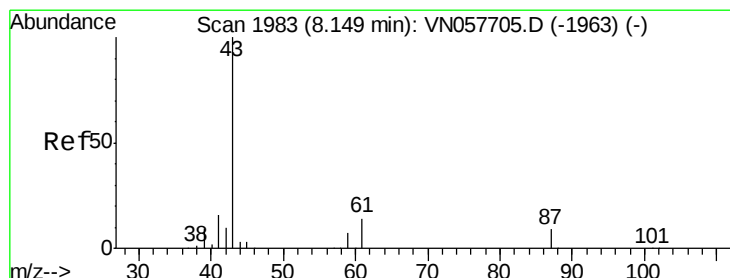
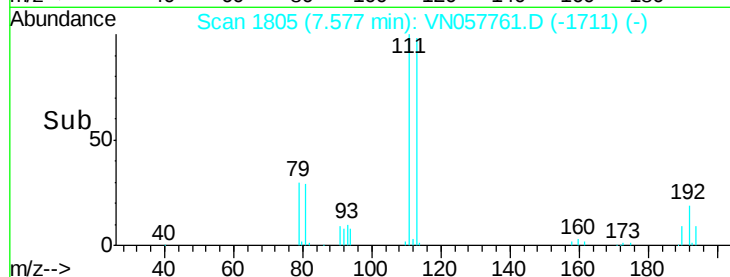
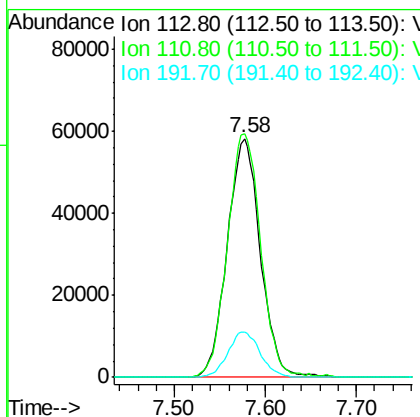
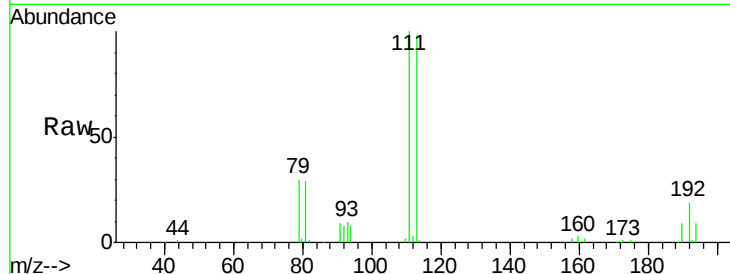




#35
 Dibromofluoromethane
 Concen: 50.240 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057761.D
 Acq: 7 Sep 2019 18:03

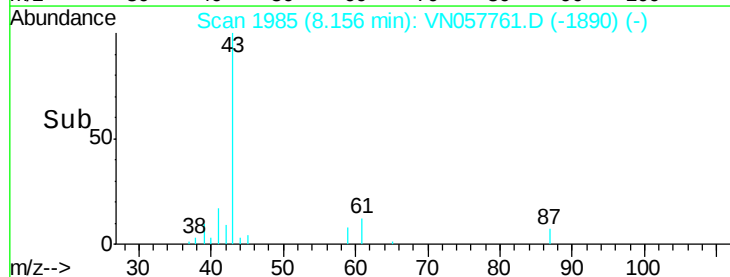
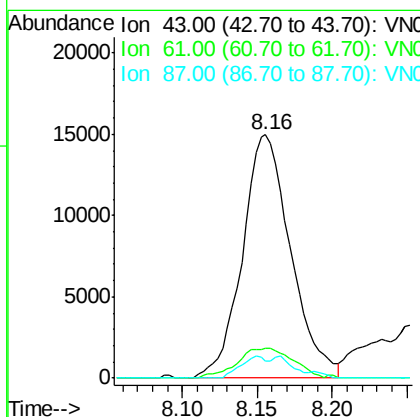
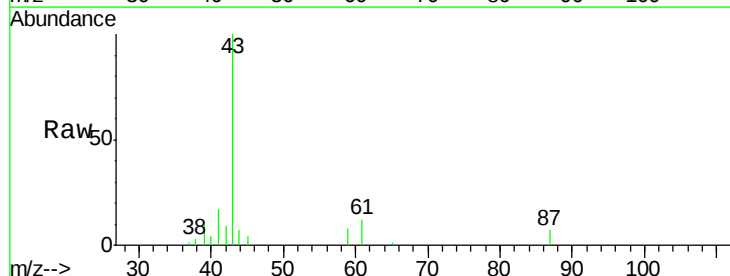
Instrument :
 MSVOA_N
 ClientSampleId :
 T12-D3-(0)

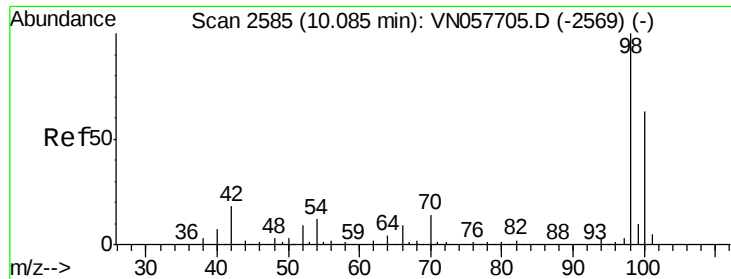
Tot Ion:113 Resp: 146873
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.7 124.1
 192 18.5 13.8 20.6



#43
 Isopropyl Acetate
 Concen: 4.134 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.01 min
 Lab File: VN057761.D
 Acq: 7 Sep 2019 18:03

Tgt Ion: 43 Resp: 33638
 Ion Ratio Lower Upper
 43 100
 61 14.1 12.8 19.2
 87 5.2 7.8 11.8#





#50

Toluene-d8

Concen: 50.738 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057761.D

Acq: 7 Sep 2019 18:03

Instrument :

MSVOA_N

ClientSampleId :

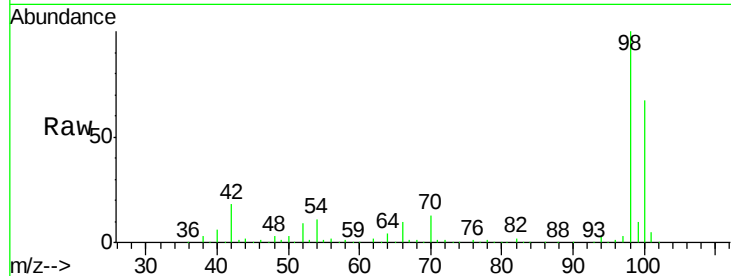
T12-D3-(0)

Tot Ion: 98 Resp: 548711

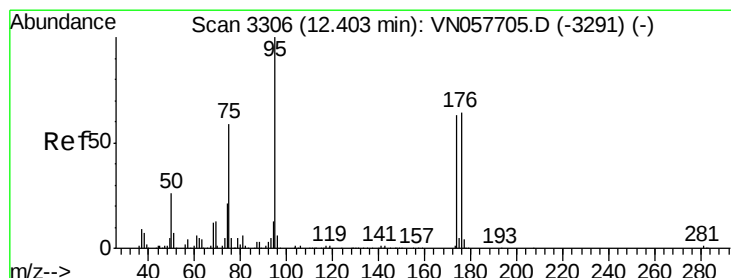
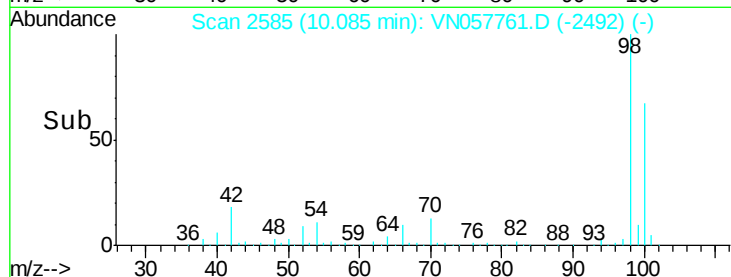
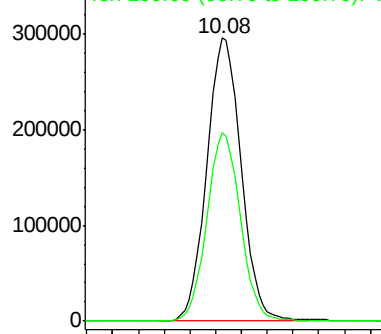
Ion Ratio Lower Upper

98 100

100 64.9 50.7 76.1



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



#62

4-Bromofluorobenzene

Concen: 44.966 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057761.D

Acq: 7 Sep 2019 18:03

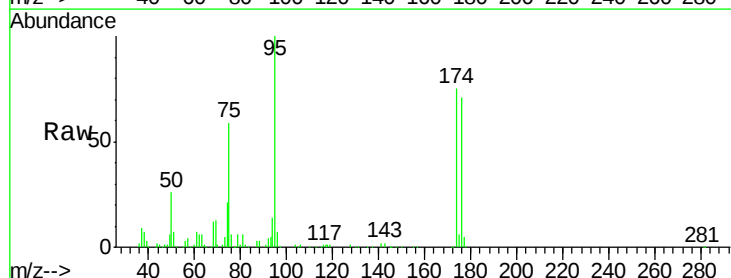
Tgt Ion: 95 Resp: 201980

Ion Ratio Lower Upper

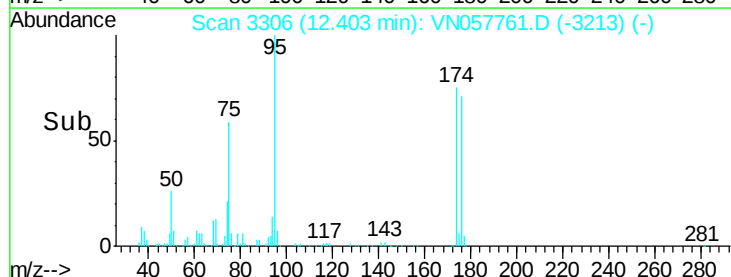
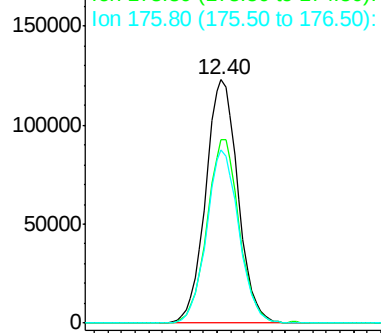
95 100

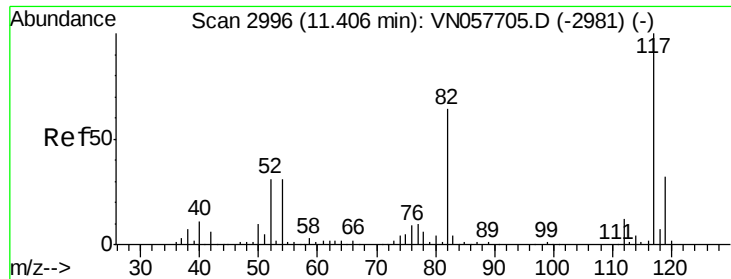
174 74.9 0.0 128.0

176 71.1 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: VN057761.D

Acq: 7 Sep 2019 18:03

Instrument :

MSVOA_N

ClientSampleId :

T12-D3-(0)

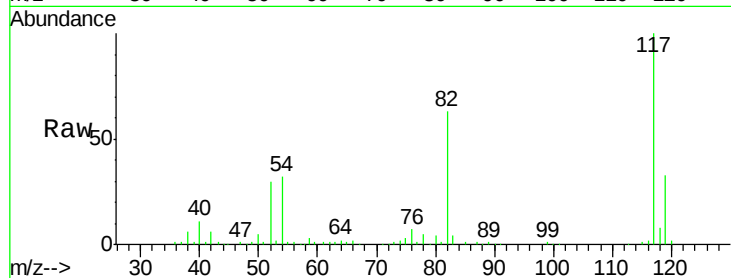
Tot Ion:117 Resp: 291068

Ion Ratio Lower Upper

117 100

82 63.1 51.4 77.0

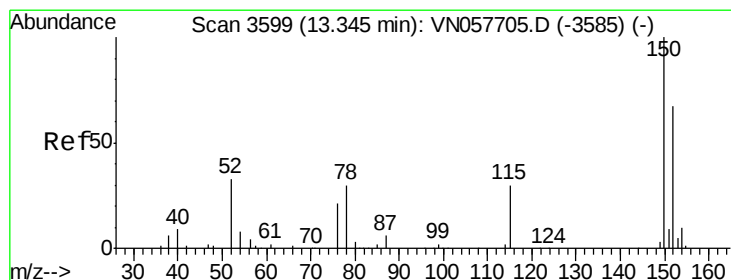
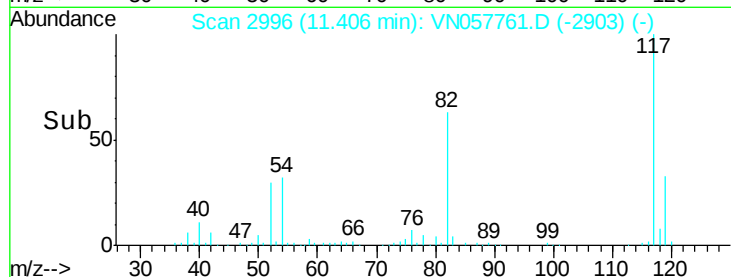
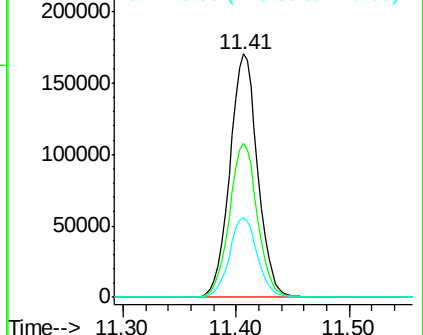
119 32.6 25.4 38.2



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: VN057761.D

Acq: 7 Sep 2019 18:03

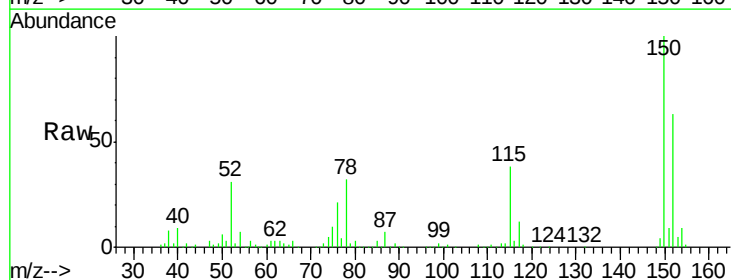
Tgt Ion:152 Resp: 152267

Ion Ratio Lower Upper

152 100

115 62.9 33.8 101.3

150 163.3 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

