

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090719\
 Data File : VN057767.D
 Acq On : 7 Sep 2019 20:15
 Operator : JC/SP
 Sample : K4601-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-E1-(0)

Quant Time: Sep 08 07:16:46 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

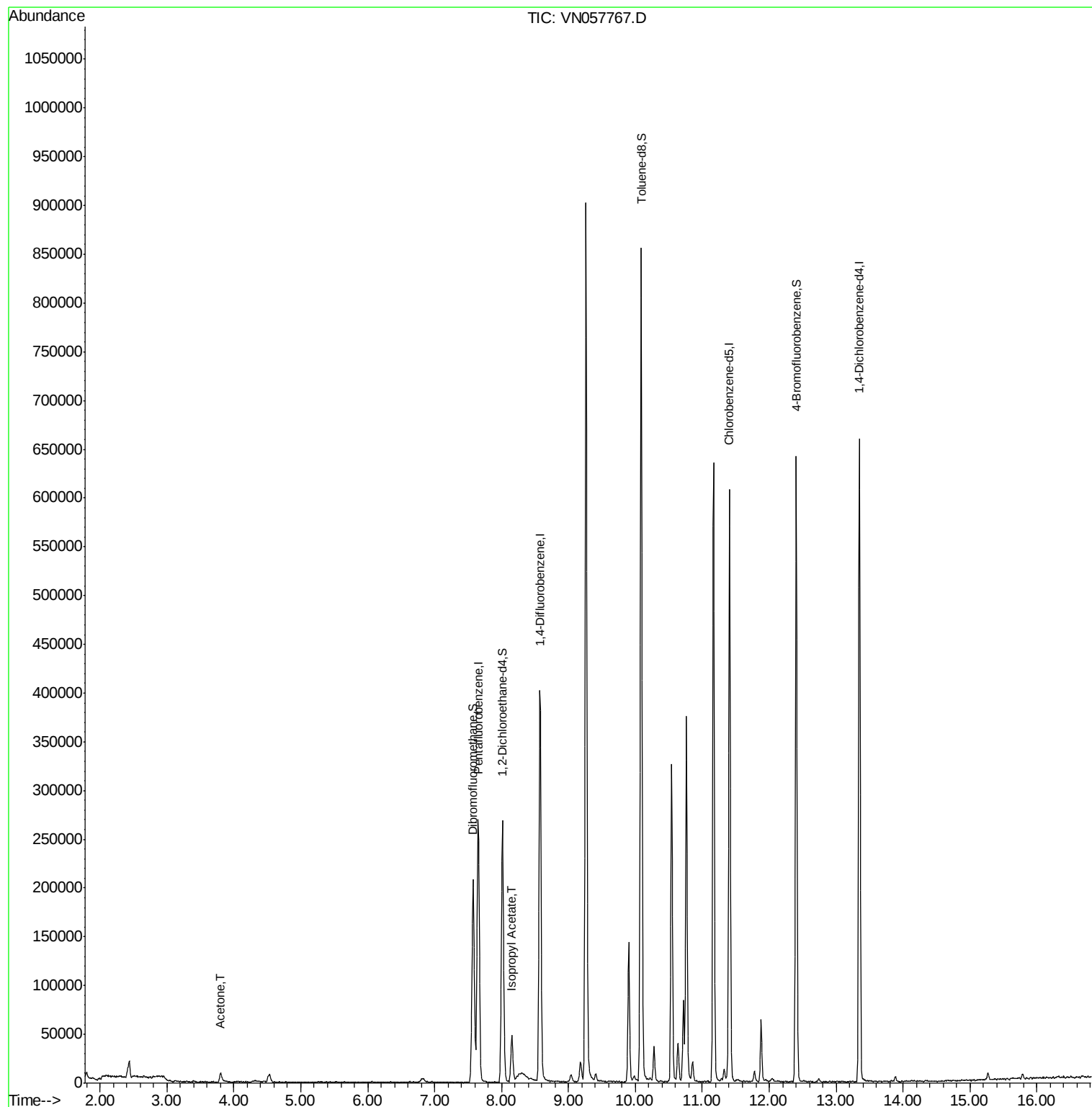
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	196597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	318709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	297643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	153298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	235770	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
35) Dibromofluoromethane	7.57	113	146146	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
50) Toluene-d8	10.08	98	543874	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.40	95	202037	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	
Target Compounds						
16) Acetone	3.80	43	14683	9.976	ug/l	94
43) Isopropyl Acetate	8.15	43	58773	7.274	ug/l	98

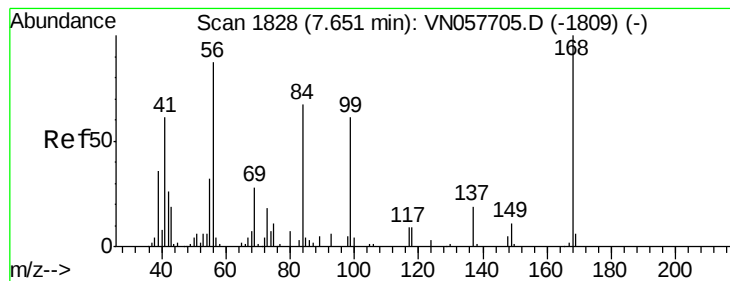
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057767.D

Acq: 7 Sep 2019 20:15

Instrument :

MSVOA_N

ClientSampleId :

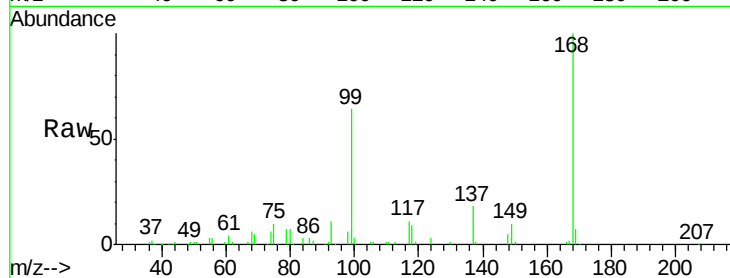
T12-E1-(0)

Tot Ion:168 Resp: 196597

Ion Ratio Lower Upper

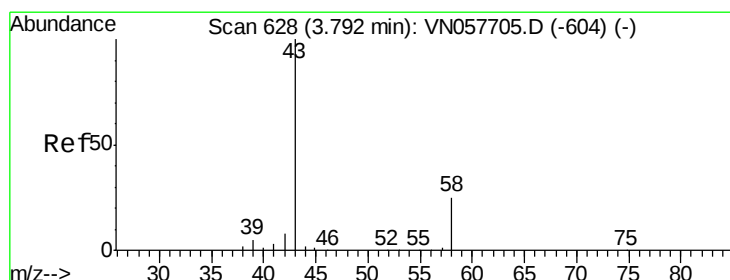
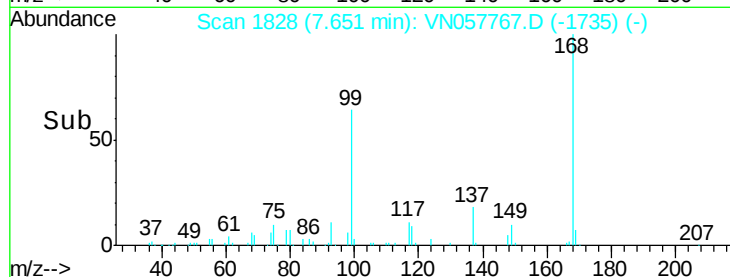
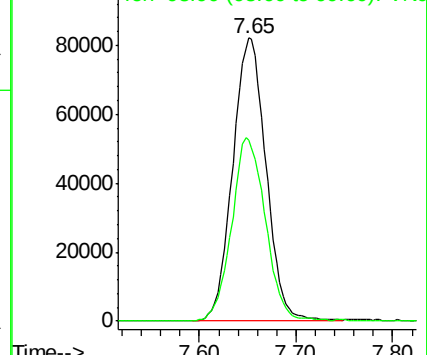
168 100

99 64.1 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: 9.976 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN057767.D

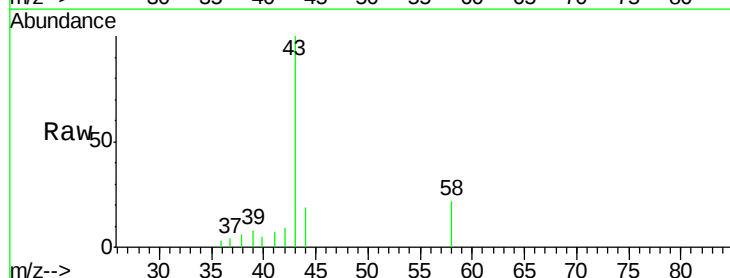
Acq: 7 Sep 2019 20:15

Tgt Ion: 43 Resp: 14683

Ion Ratio Lower Upper

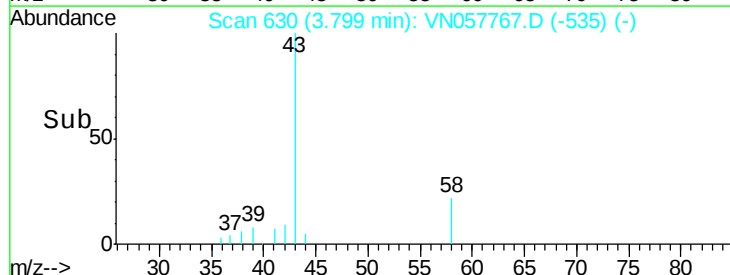
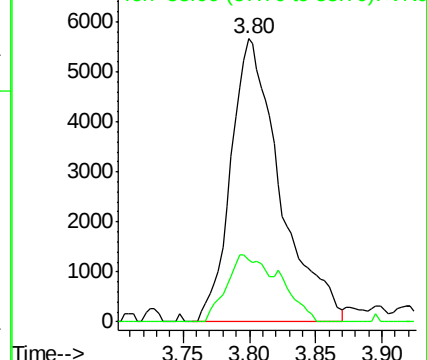
43 100

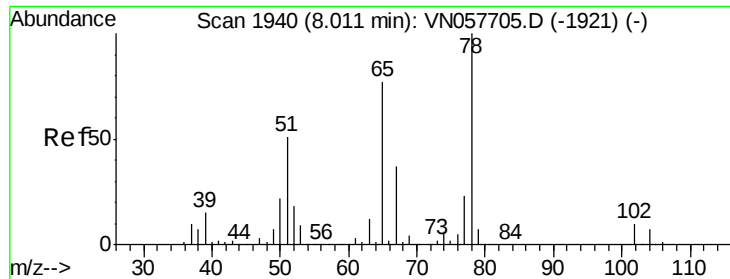
58 21.8 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

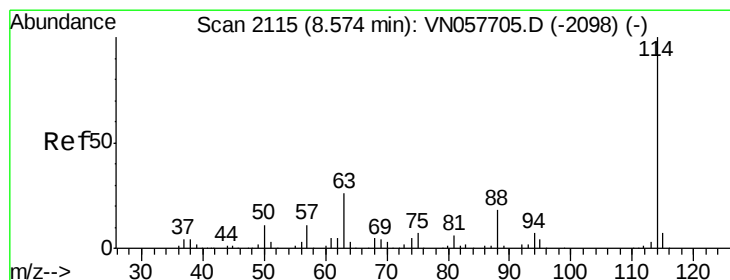
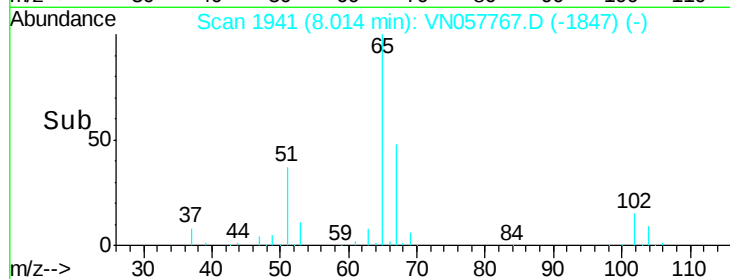
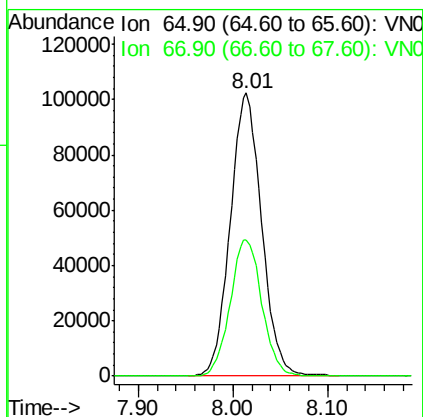
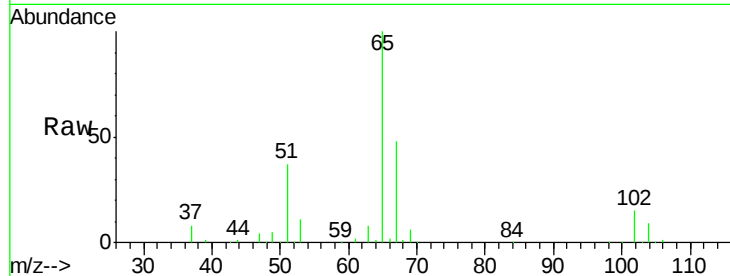




#33
 1,2-Dichloroethane-d4
 Concen: 49.297 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057767.D
 Acq: 7 Sep 2019 20:15

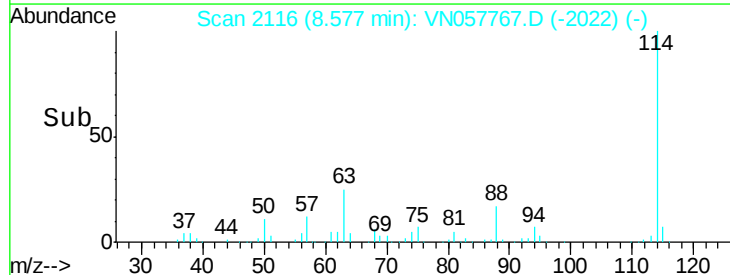
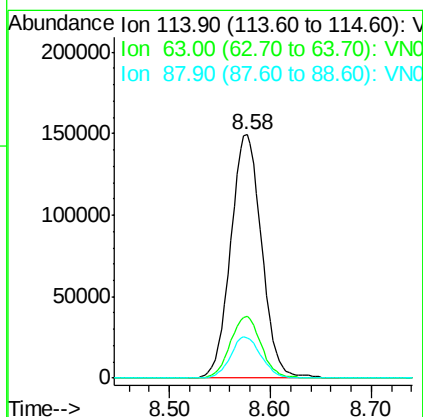
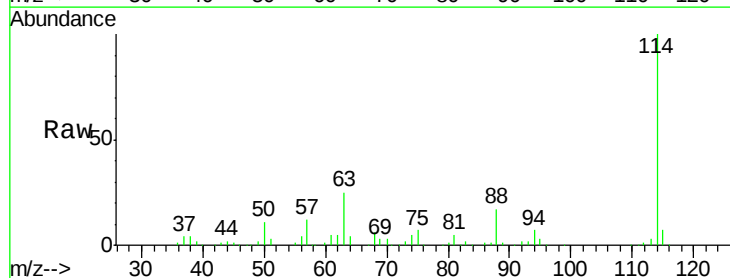
Instrument :
 MSVOA_N
 ClientSampleId :
 T12-E1-(0)

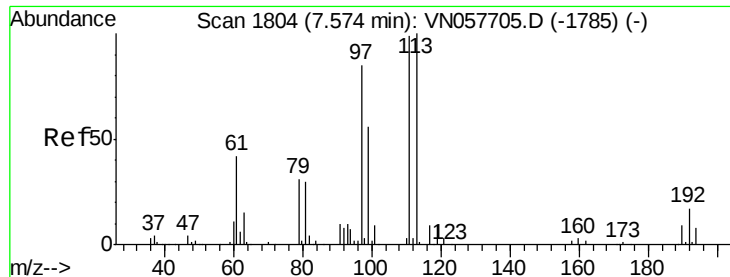
Tot Ion: 65 Resp: 235770
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057767.D
 Acq: 7 Sep 2019 20:15

Tgt Ion: 114 Resp: 318709
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 52.4
 88 16.5 0.0 35.4

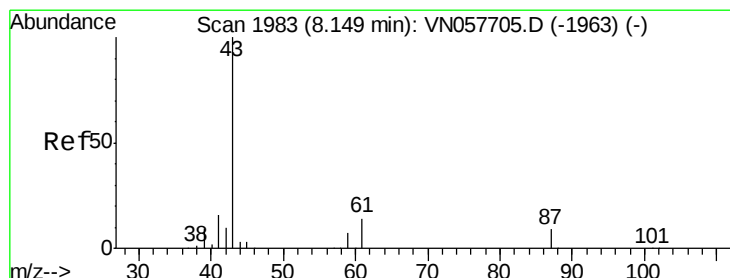
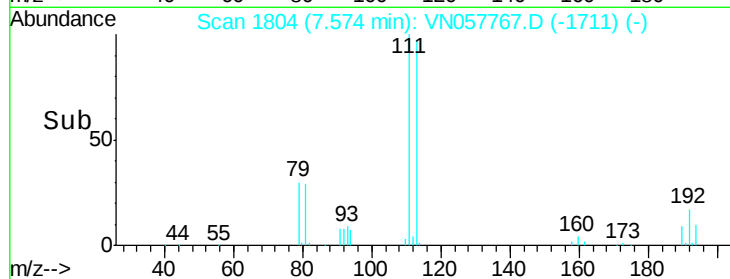
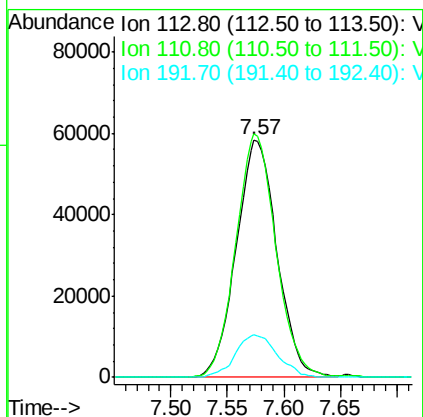
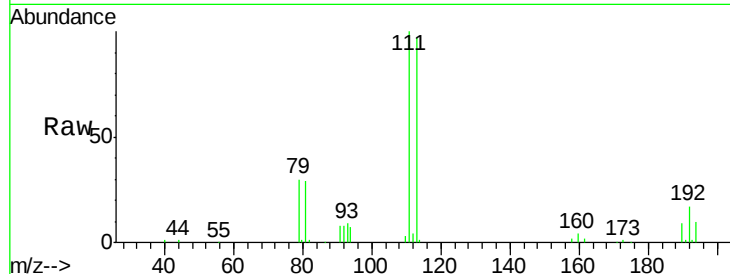




#35
 Dibromofluoromethane
 Concen: 50.344 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057767.D
 Acq: 7 Sep 2019 20:15

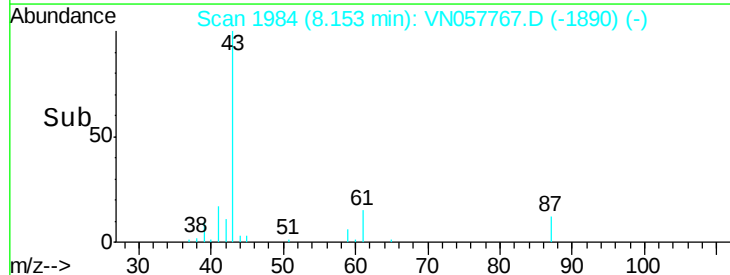
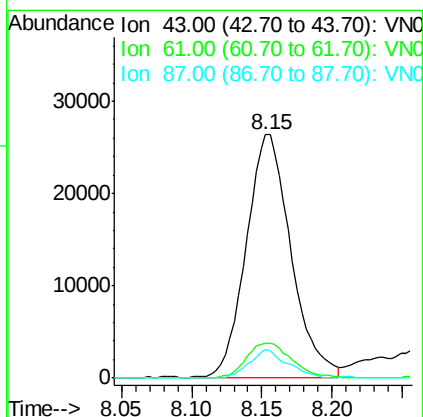
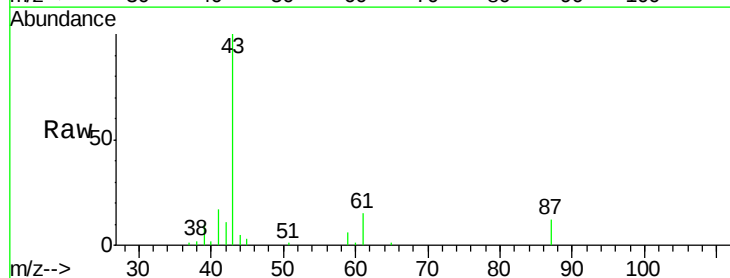
Instrument :
 MSVOA_N
 ClientSampleId :
 T12-E1-(0)

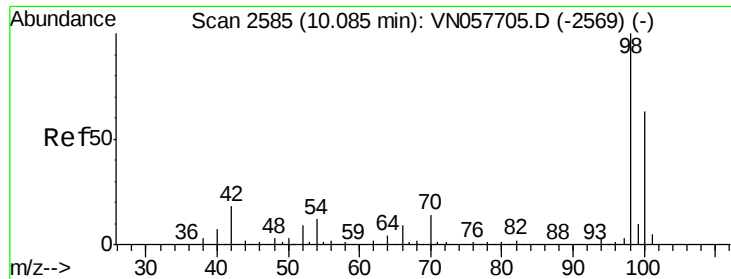
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.7	124.1
192	18.5	13.8	20.6



#43
 Isopropyl Acetate
 Concen: 7.274 ug/l
 RT: 8.15 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VN057767.D
 Acq: 7 Sep 2019 20:15

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.6	12.8	19.2
87	9.8	7.8	11.8





#50

Toluene-d8

Concen: 50.646 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057767.D

Acq: 7 Sep 2019 20:15

Instrument :

MSVOA_N

ClientSampleId :

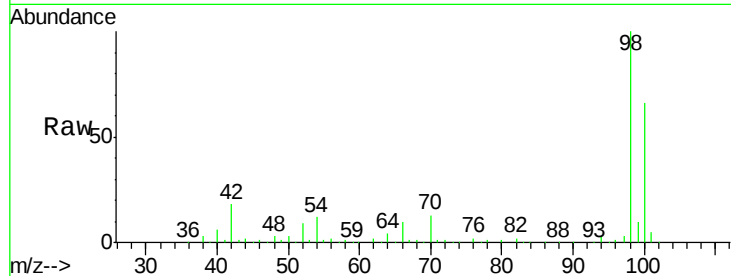
T12-E1-(0)

Tot Ion: 98 Resp: 543874

Ion Ratio Lower Upper

98 100

100 64.6 50.7 76.1



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

Ion 100.00 (99.70 to 100.70): VN057705.D (-2569) (-)

10.08

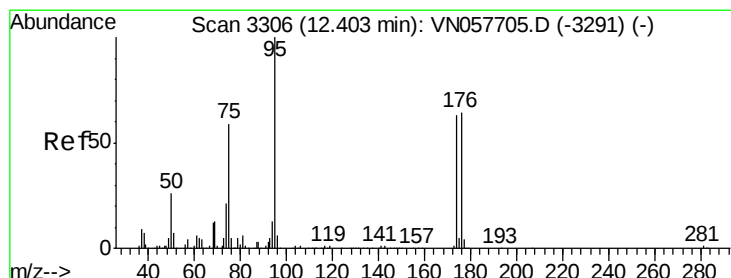
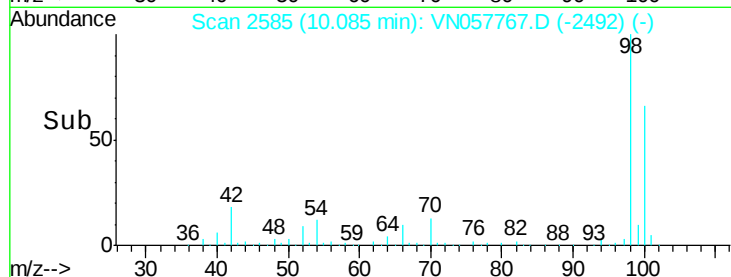
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.296 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057767.D

Acq: 7 Sep 2019 20:15

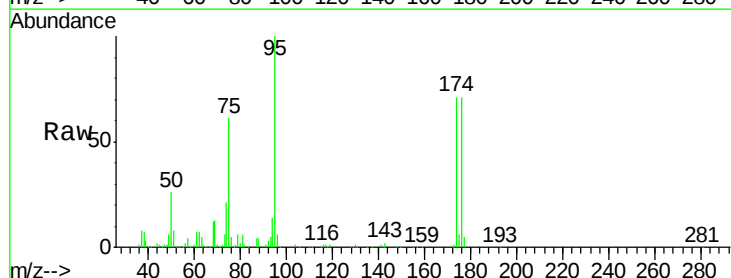
Tgt Ion: 95 Resp: 202037

Ion Ratio Lower Upper

95 100

174 72.6 0.0 128.0

176 71.2 0.0 128.0



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

Ion 173.80 (173.50 to 174.50): VN057705.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057705.D (-3291) (-)

12.40

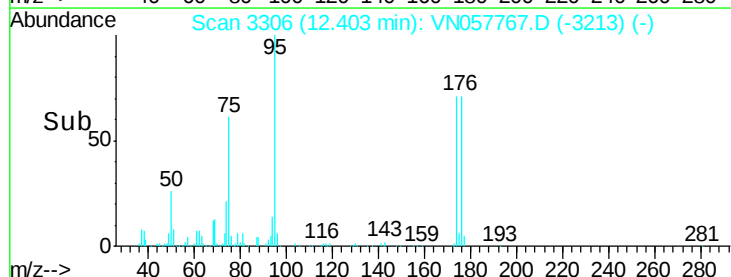
150000

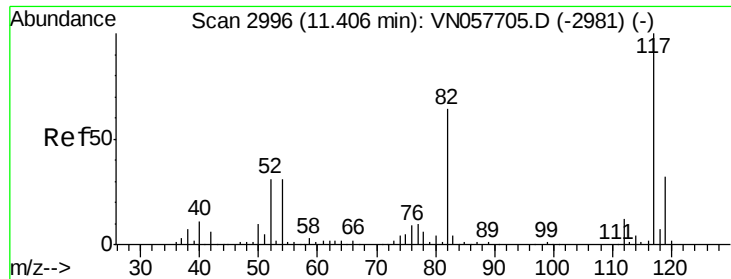
100000

50000

0

Time-->

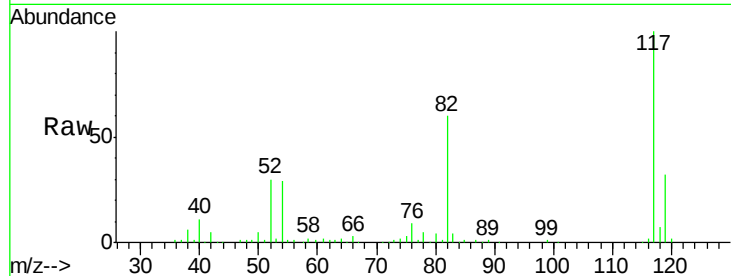




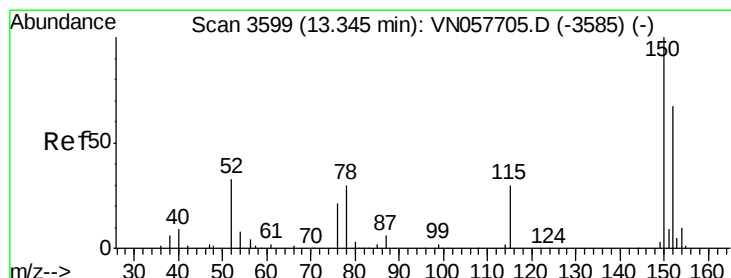
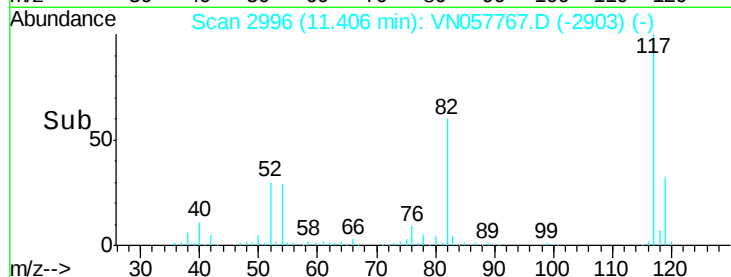
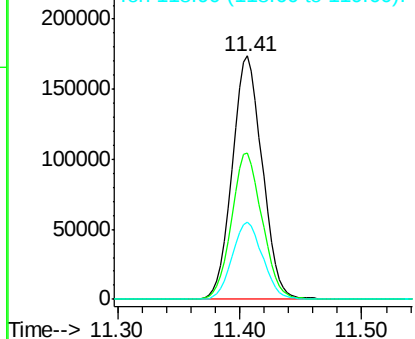
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Instrument :
MSVOA_N
ClientSampled :
T12-E1-(0)

Tot Ion:117 Resp: 297643
Ion Ratio Lower Upper
117 100
82 59.9 51.4 77.0
119 31.8 25.4 38.2

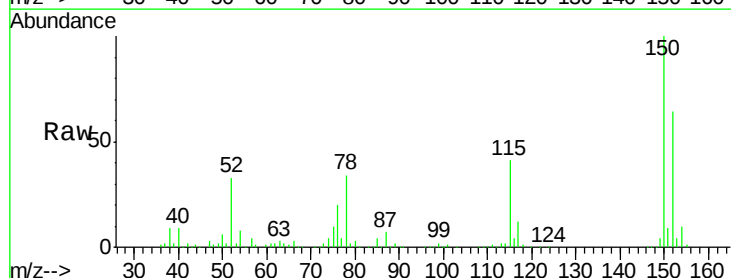


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Tgt Ion:152 Resp: 153298
Ion Ratio Lower Upper
152 100
115 62.2 33.8 101.3
150 158.9 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

