

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090719\
 Data File : VN057758.D
 Acq On : 7 Sep 2019 16:57
 Operator : JC/SP
 Sample : K4581-29
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-C4-(3.5)

Quant Time: Sep 08 06:57:02 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

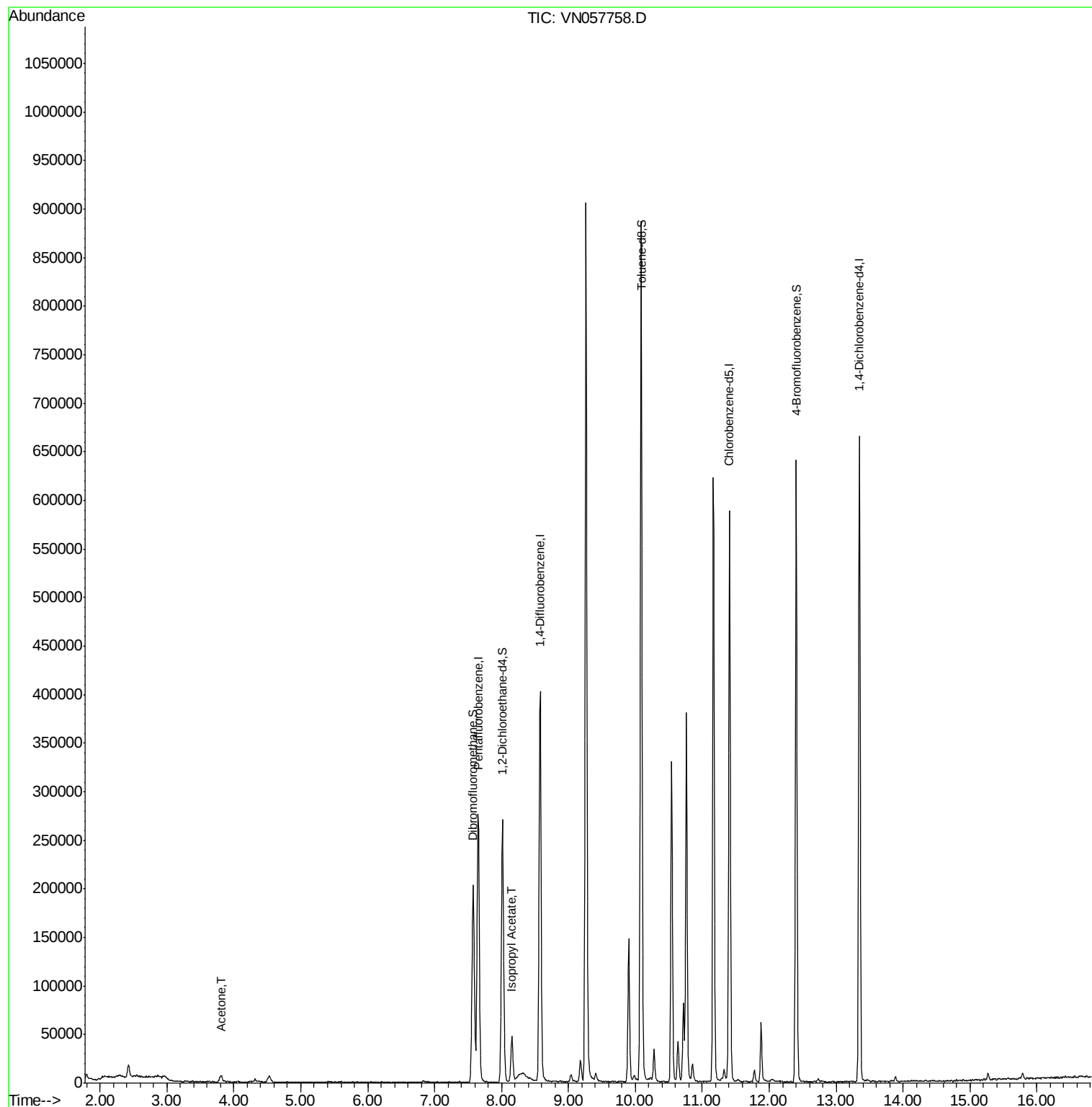
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	200833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	323301	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	293480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	150644	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	239126	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
35) Dibromofluoromethane	7.57	113	142645	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
50) Toluene-d8	10.08	98	560336	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	12.40	95	203609	45.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.00%	
Target Compounds						
16) Acetone	3.81	43	11387	7.574	ug/l	91
43) Isopropyl Acetate	8.16	43	57933	7.069	ug/l	99

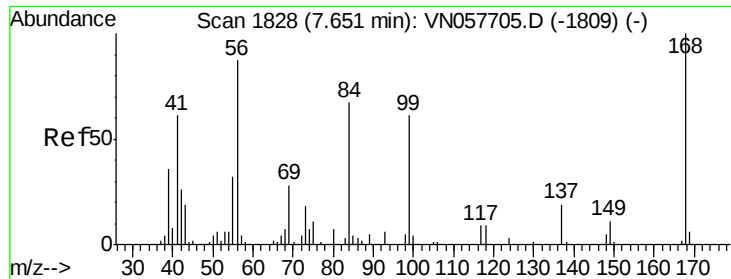
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057758.D

Acq: 7 Sep 2019 16:57

Instrument :

MSVOA_N

ClientSampleId :

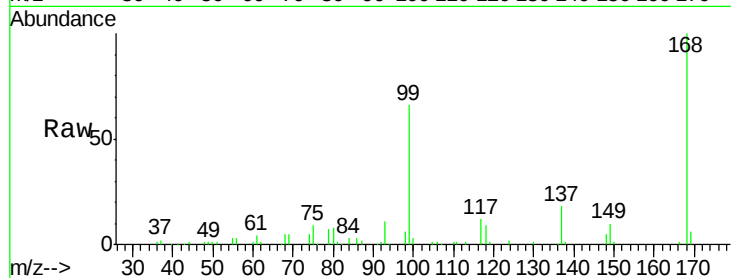
T12-C4-(3.5)

Tot Ion:168 Resp: 200833

Ion Ratio Lower Upper

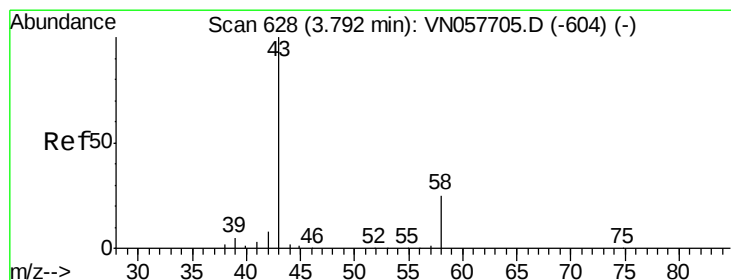
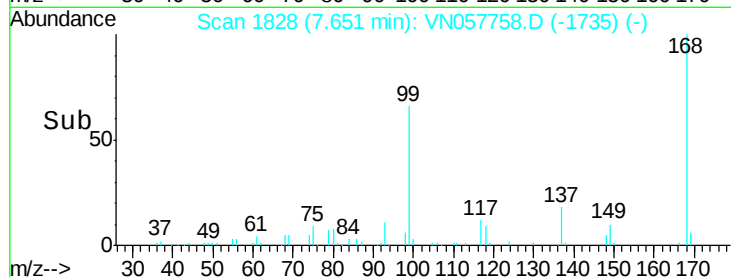
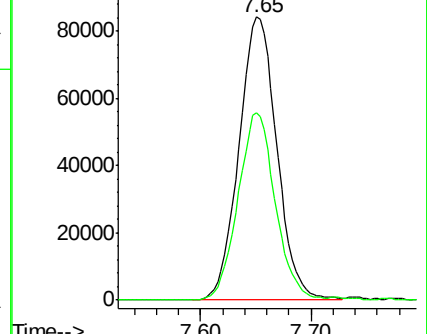
168 100

99 66.3 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: 7.574 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057758.D

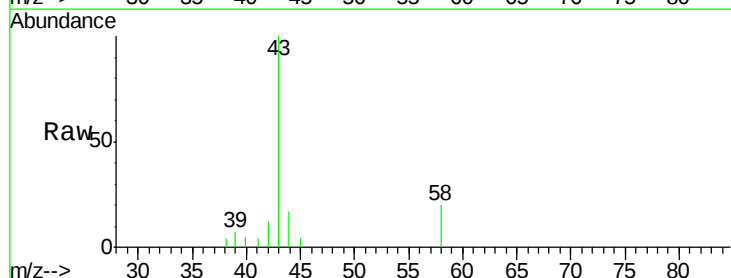
Acq: 7 Sep 2019 16:57

Tgt Ion: 43 Resp: 11387

Ion Ratio Lower Upper

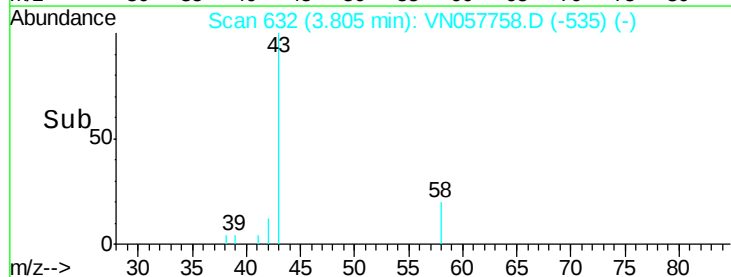
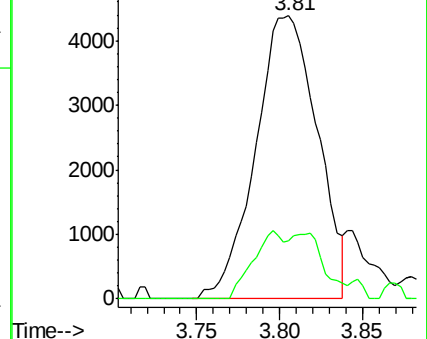
43 100

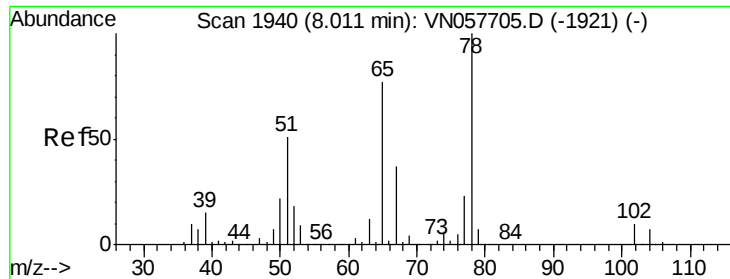
58 20.5 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

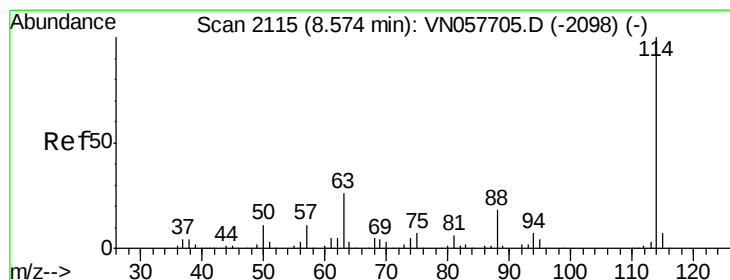
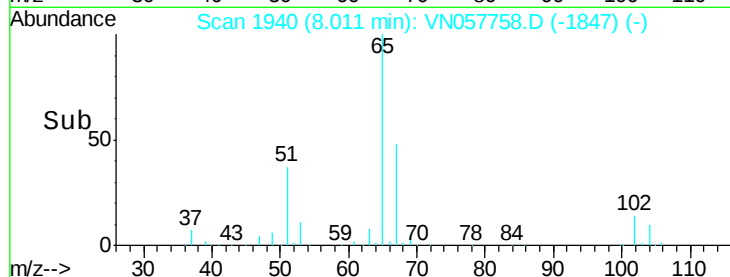
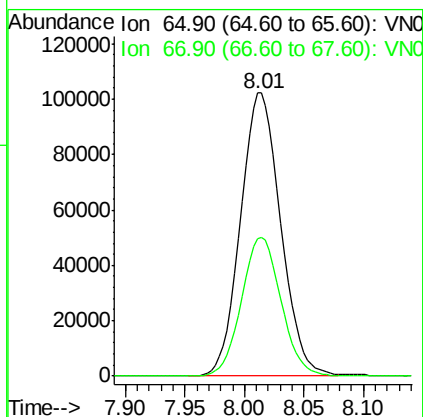
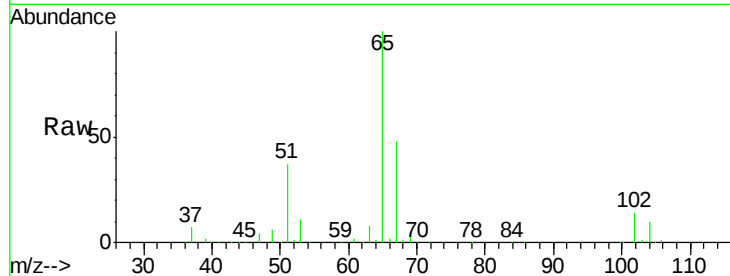




#33
 1,2-Dichloroethane-d4
 Concen: 48.945 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN057758.D
 Acq: 7 Sep 2019 16:57

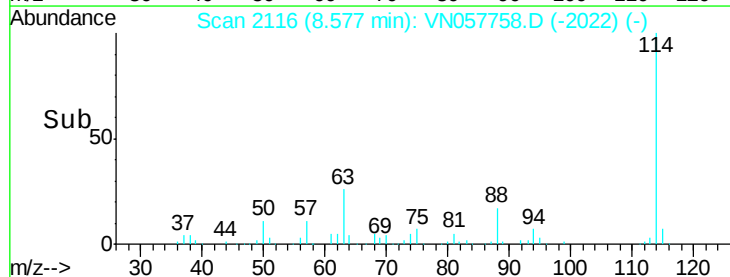
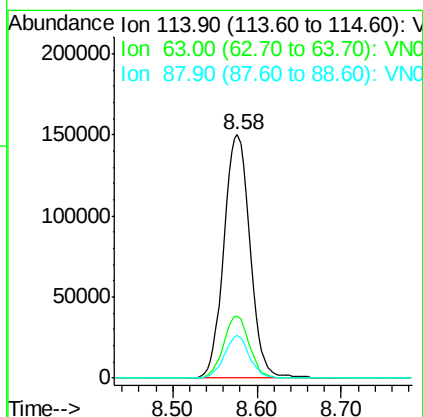
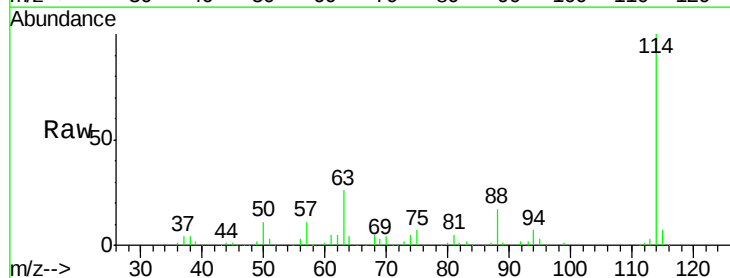
Instrument :
 MSVOA_N
 ClientSampleId :
 T12-C4-(3.5)

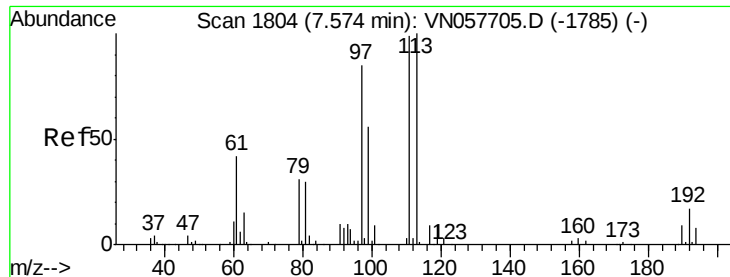
Tot Ion: 65 Resp: 239126
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057758.D
 Acq: 7 Sep 2019 16:57

Tgt Ion: 114 Resp: 323301
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 52.4
 88 17.3 0.0 35.4

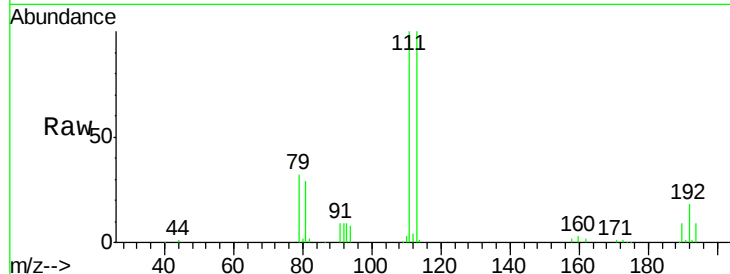




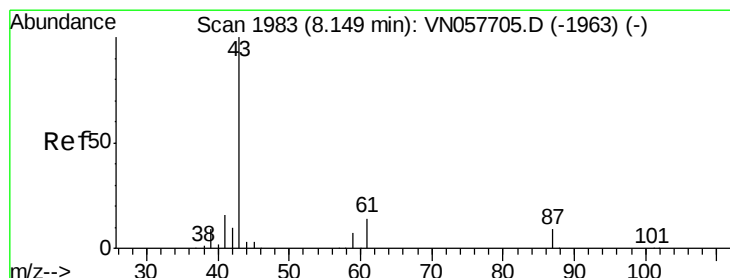
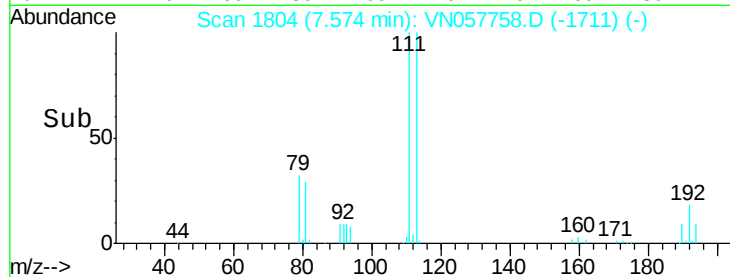
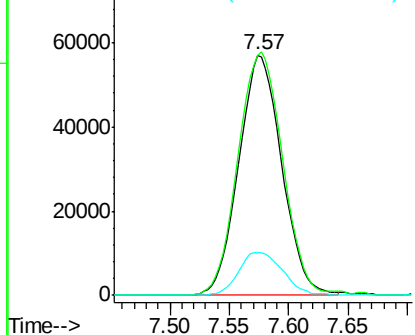
#35
 Dibromofluoromethane
 Concen: 48.440 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057758.D
 Acq: 7 Sep 2019 16:57

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-C4-(3.5)

Tot Ion:113 Resp: 142645
 Ion Ratio Lower Upper
 113 100
 111 105.1 82.7 124.1
 192 18.3 13.8 20.6

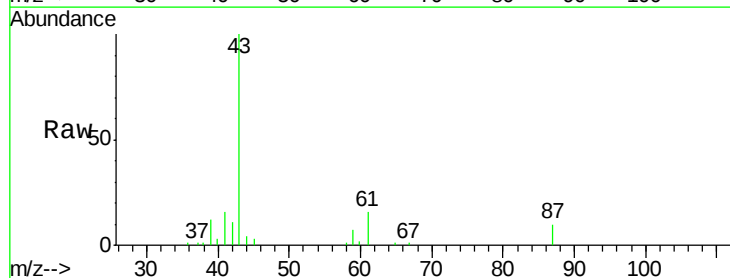


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

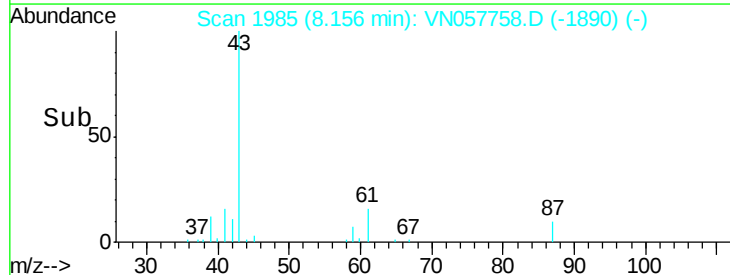
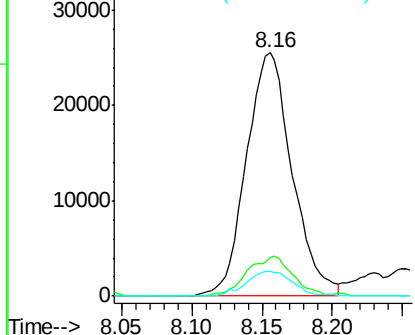


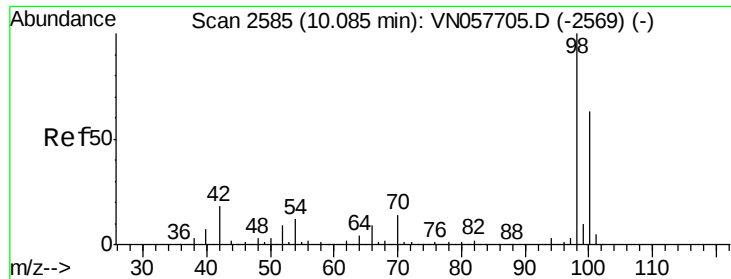
#43
 Isopropyl Acetate
 Concen: 7.069 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.01 min
 Lab File: VN057758.D
 Acq: 7 Sep 2019 16:57

Tgt Ion: 43 Resp: 57933
 Ion Ratio Lower Upper
 43 100
 61 16.5 12.8 19.2
 87 10.3 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: 51.438 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057758.D

Acq: 7 Sep 2019 16:57

Instrument :

MSVOA_N

ClientSampled :

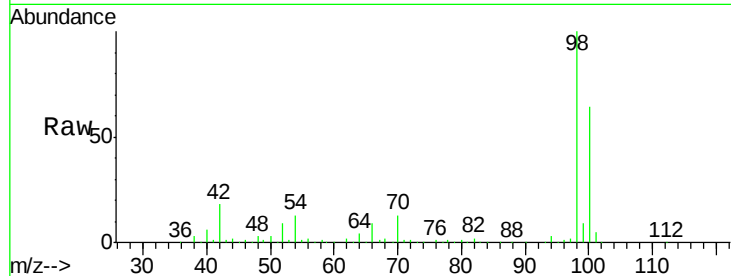
T12-C4-(3.5)

Tot Ion: 98 Resp: 560336

Ion Ratio Lower Upper

98 100

100 63.9 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

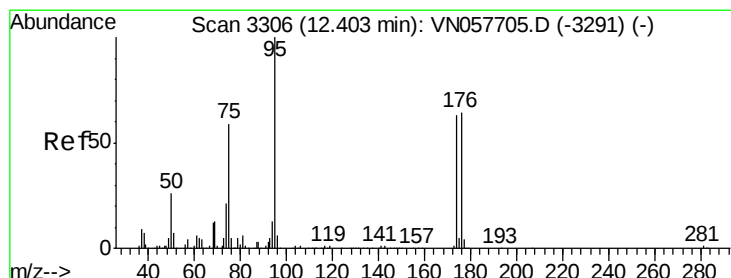
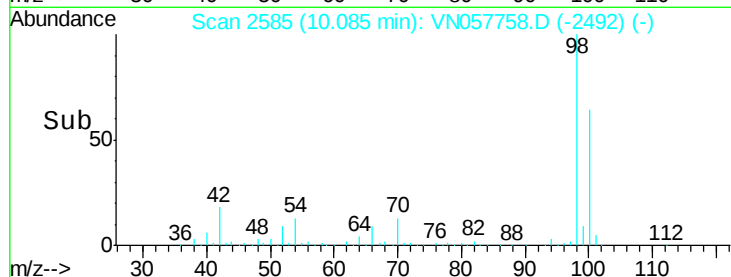
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.000 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057758.D

Acq: 7 Sep 2019 16:57

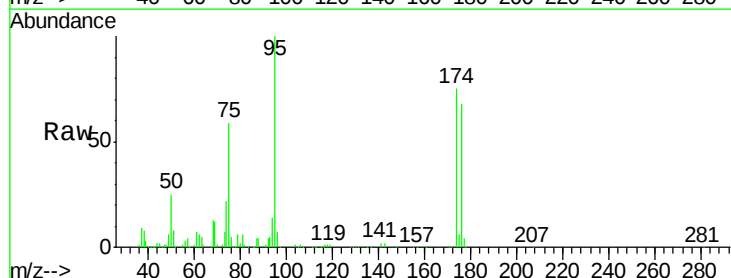
Tgt Ion: 95 Resp: 203609

Ion Ratio Lower Upper

95 100

174 73.1 0.0 128.0

176 69.9 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

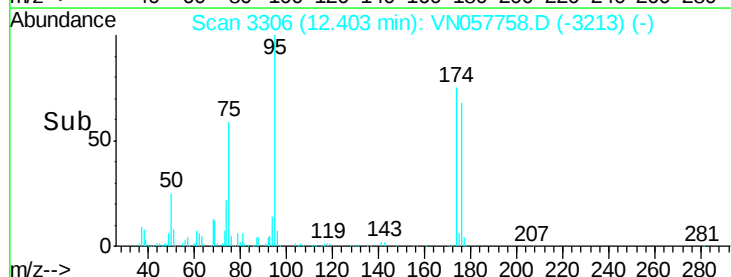
150000

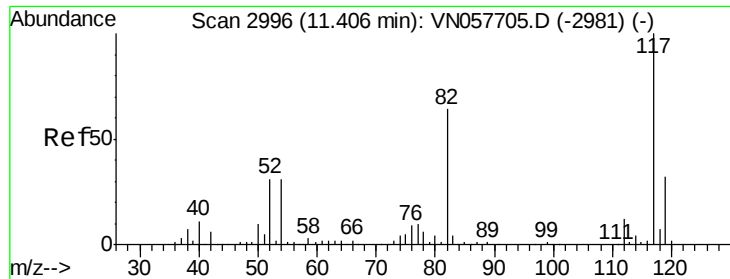
100000

50000

0

Time-->

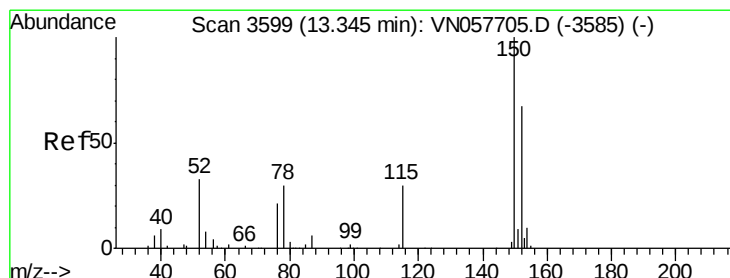
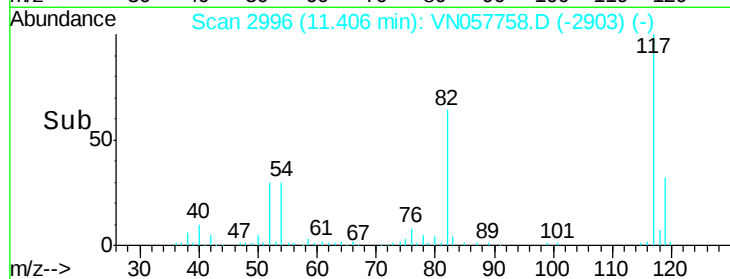
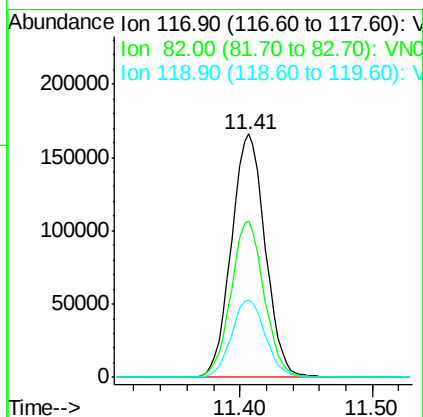
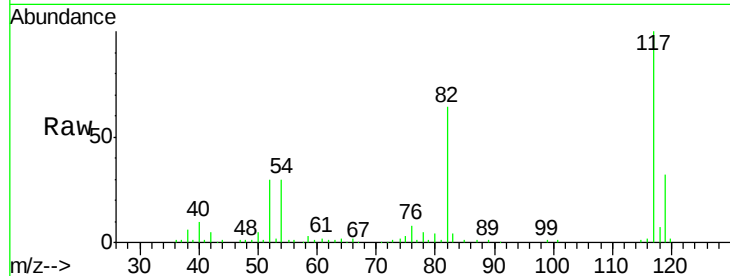




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057758.D
Acq: 7 Sep 2019 16:57

Instrument :
MSVOA_N
ClientSampled :
T12-C4-(3.5)

Tot Ion:117 Resp: 293480
Ion Ratio Lower Upper
117 100
82 64.4 51.4 77.0
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057758.D
Acq: 7 Sep 2019 16:57

Tgt Ion:152 Resp: 150644
Ion Ratio Lower Upper
152 100
115 65.3 33.8 101.3
150 159.9 0.0 345.4

