

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090719\
 Data File : VN057768.D
 Acq On : 7 Sep 2019 20:37
 Operator : JC/SP
 Sample : K4601-23
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-E2-(0)

Quant Time: Sep 08 07:17:44 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

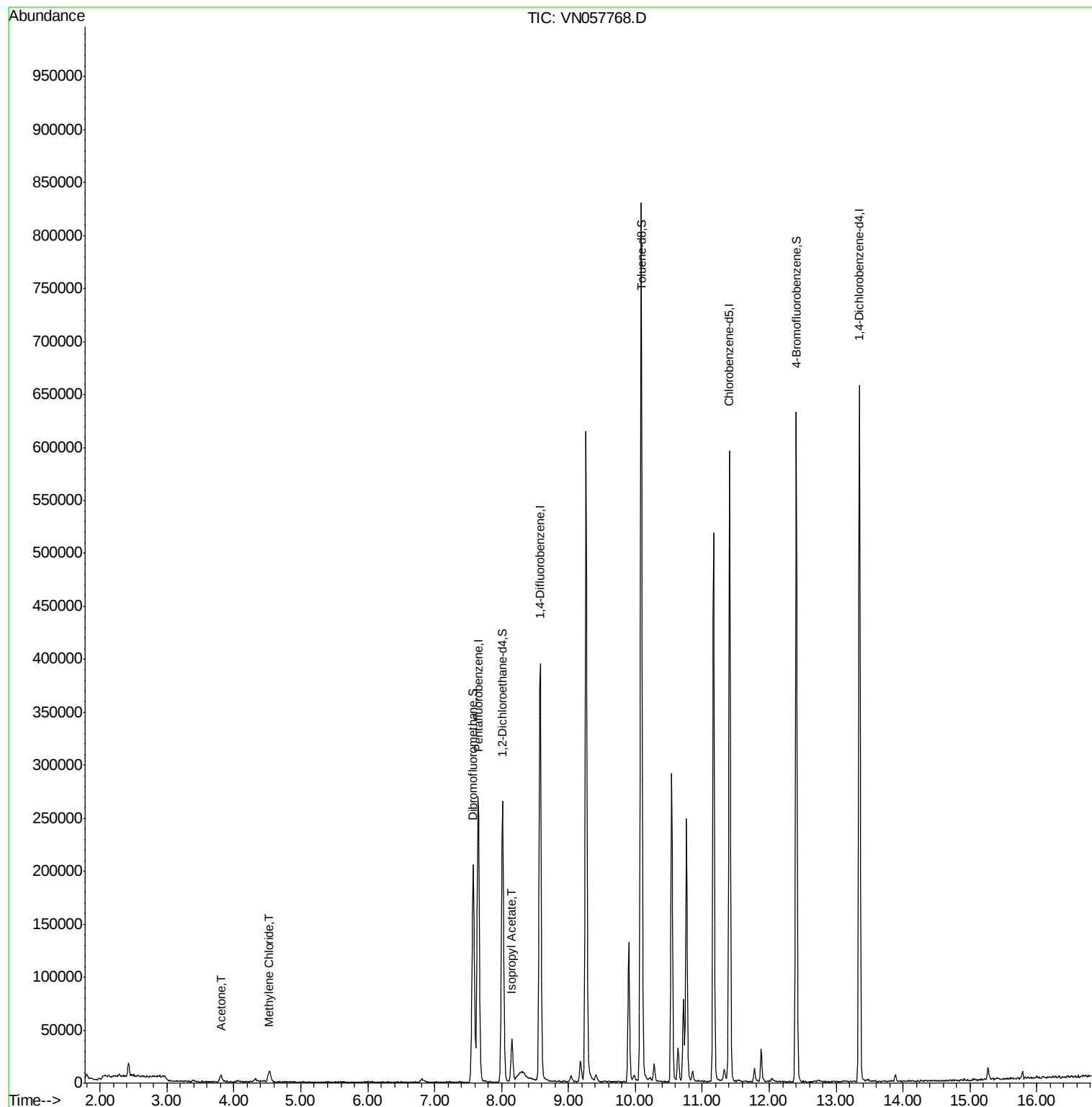
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	196414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	313761	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	291795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	151328	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	236803	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
35) Dibromofluoromethane	7.58	113	142372	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
50) Toluene-d8	10.08	98	537245	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.40	95	195941	44.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.24%	
Target Compounds						
16) Acetone	3.81	43	10544	7.171	ug/l	96
20) Methylene Chloride	4.53	84	6944	2.184	ug/l #	95
43) Isopropyl Acetate	8.15	43	47841	6.015	ug/l	98

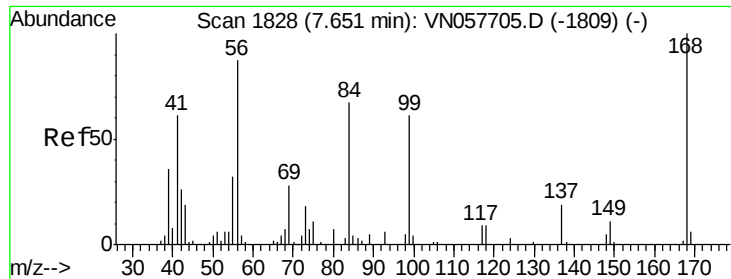
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 06 03:46:54 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057768.D

Acq: 7 Sep 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

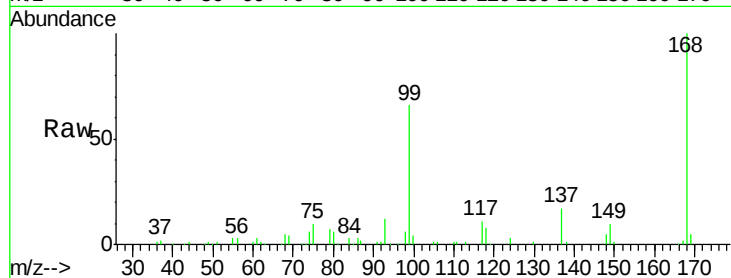
T12-E2-(0)

Tot Ion:168 Resp: 196414

Ion Ratio Lower Upper

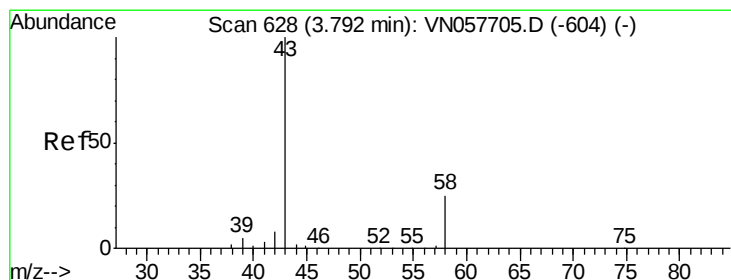
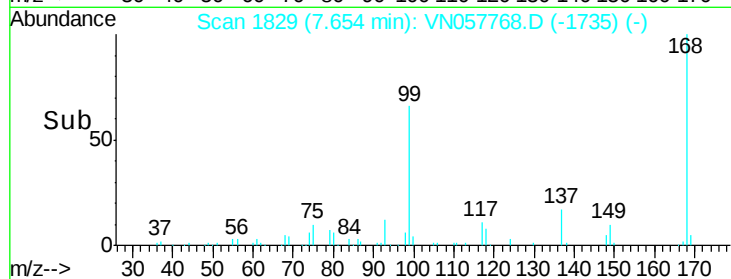
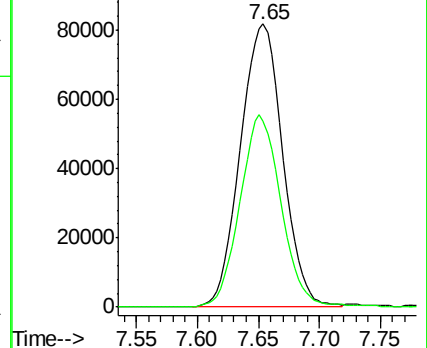
168 100

99 65.7 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: 7.171 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.02 min

Lab File: VN057768.D

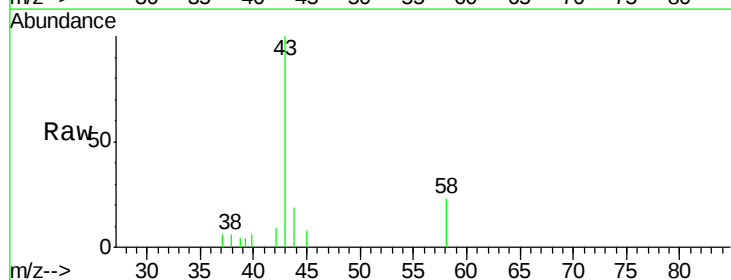
Acq: 7 Sep 2019 20:37

Tgt Ion: 43 Resp: 10544

Ion Ratio Lower Upper

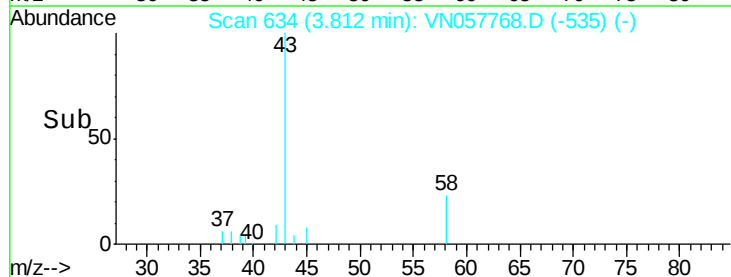
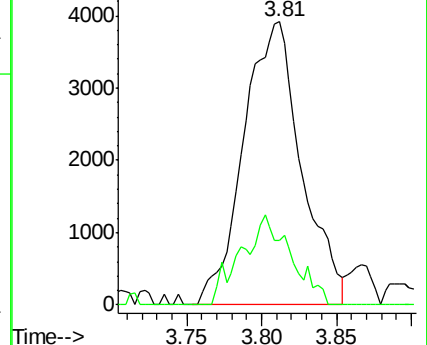
43 100

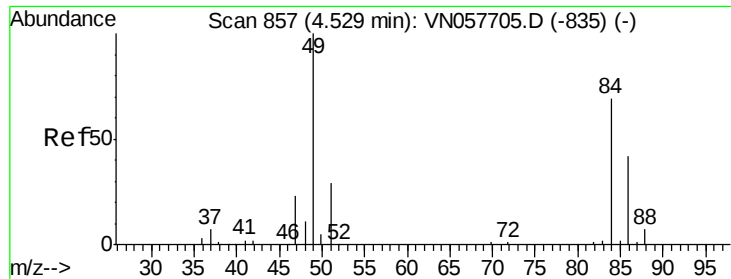
58 22.7 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

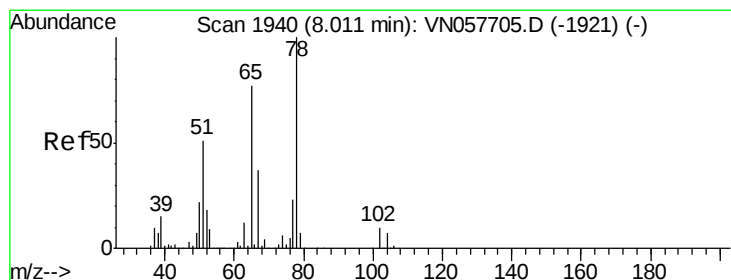
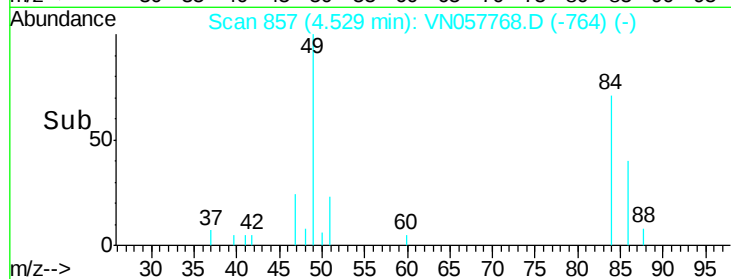
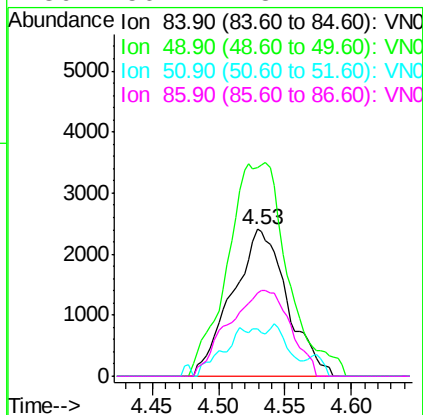
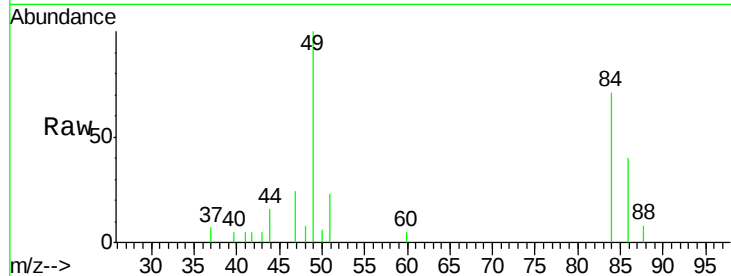




#20
Methvlene Chloride
Concen: 2.184 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN057768.D
Acq: 7 Sep 2019 20:37

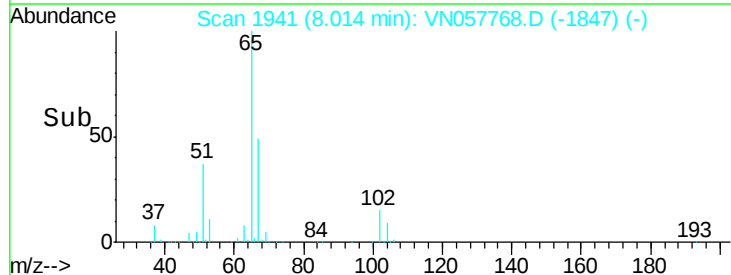
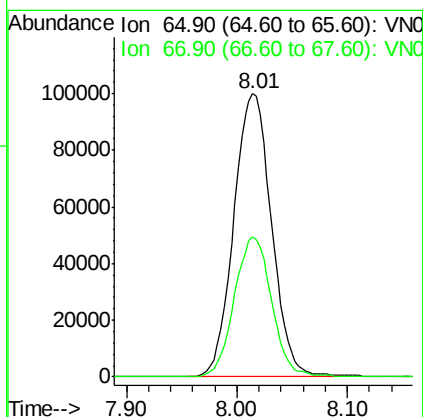
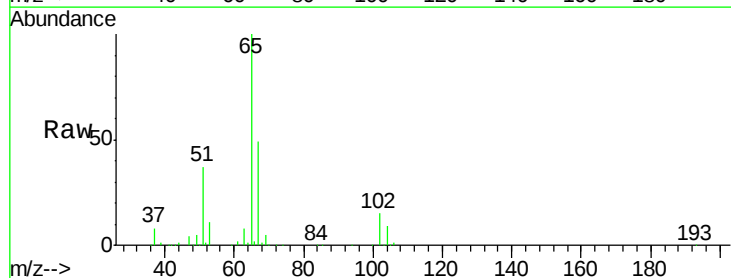
Instrument :
MSVOA_N
ClientSampleId :
T12-E2-(0)

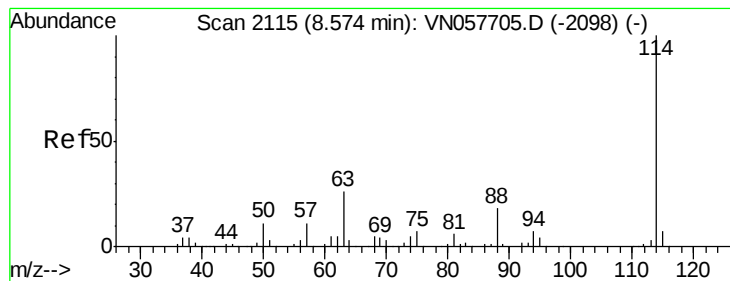
Tot Ion: 84 Resp: 6944
Ion Ratio Lower Upper
84 100
49 141.5 115.0 172.6
51 32.1 33.8 50.8#
86 56.4 48.2 72.2



#33
1,2-Dichloroethane-d4
Concen: 49.560 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057768.D
Acq: 7 Sep 2019 20:37

Tgt Ion: 65 Resp: 236803
Ion Ratio Lower Upper
65 100
67 49.0 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: VN057768.D

Acq: 7 Sep 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

T12-E2-(0)

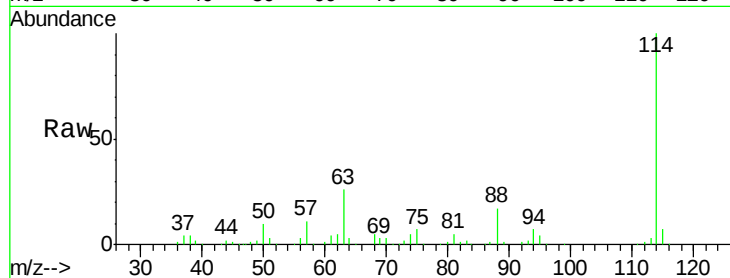
Tot Ion:114 Resp: 313761

Ion Ratio Lower Upper

114 100

63 25.5 0.0 52.4

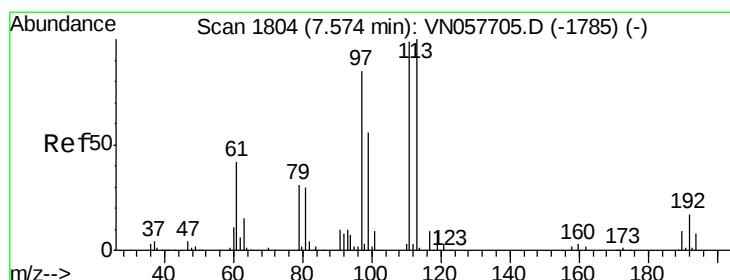
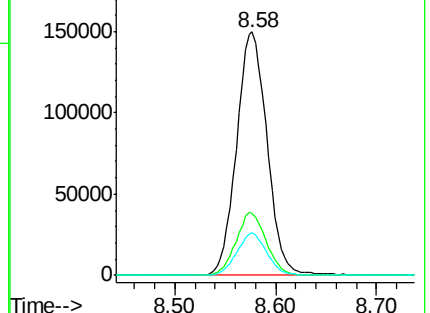
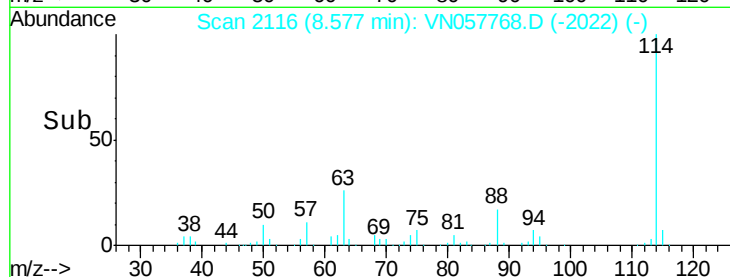
88 17.3 0.0 35.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.817 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057768.D

Acq: 7 Sep 2019 20:37

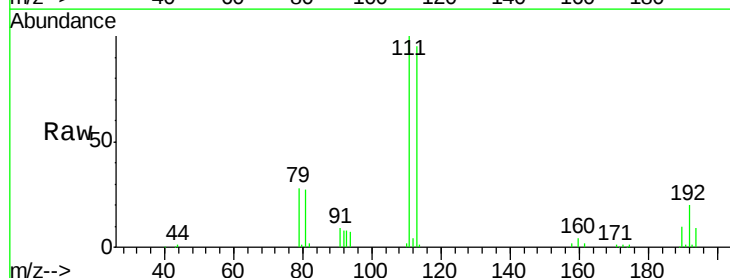
Tgt Ion:113 Resp: 142372

Ion Ratio Lower Upper

113 100

111 106.1 82.7 124.1

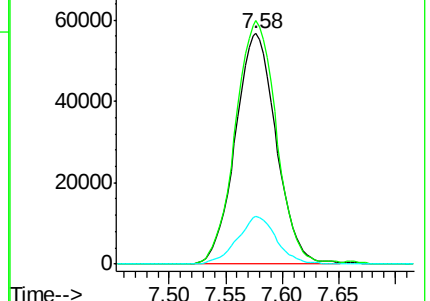
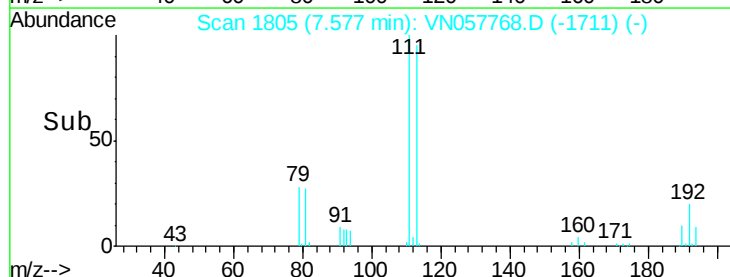
192 19.7 13.8 20.6

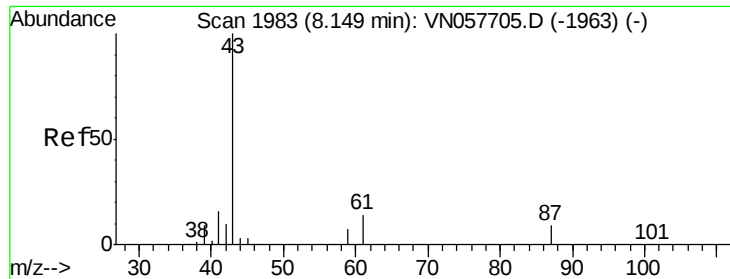


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

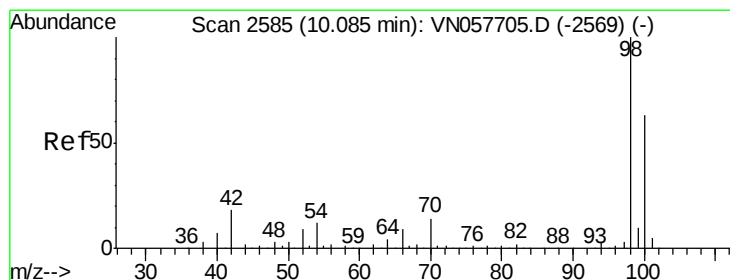
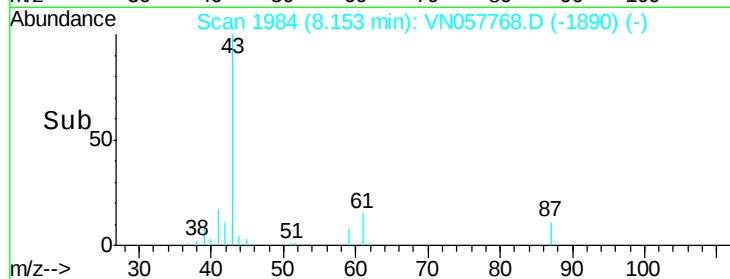
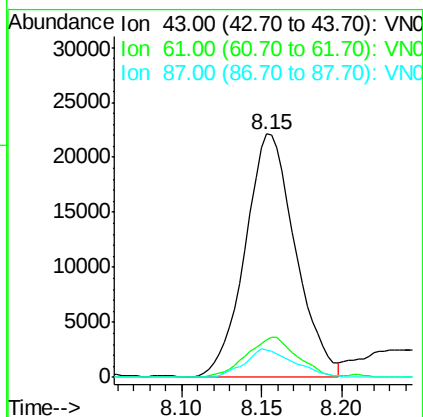
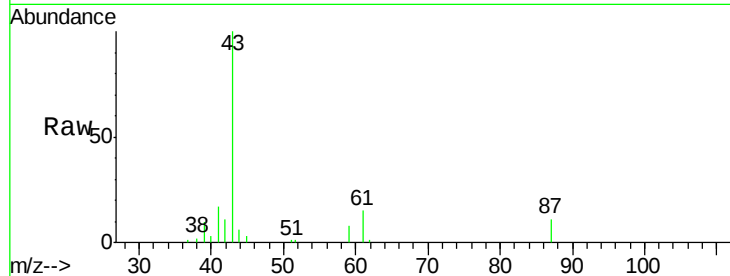




#43
Isopropyl Acetate
Concen: 6.015 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN057768.D
Acq: 7 Sep 2019 20:37

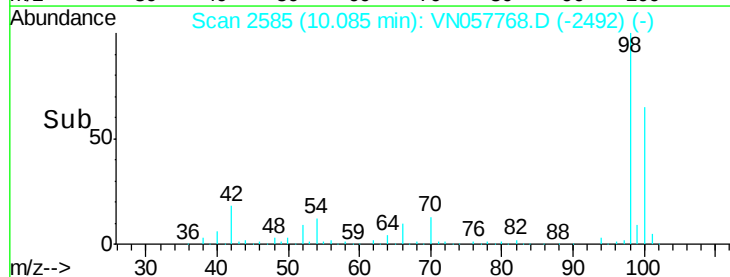
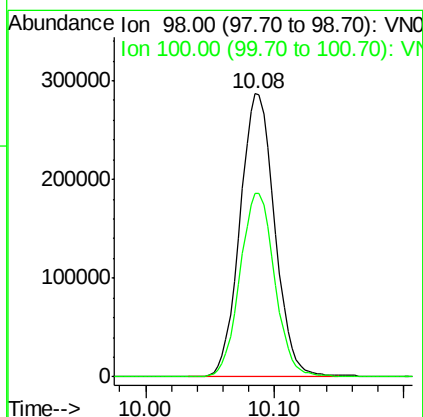
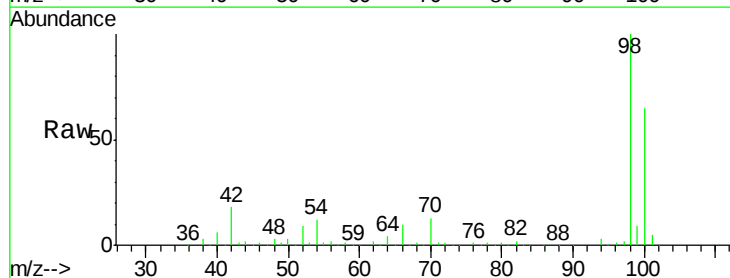
Instrument :
MSVOA_N
ClientSampleId :
T12-E2-(0)

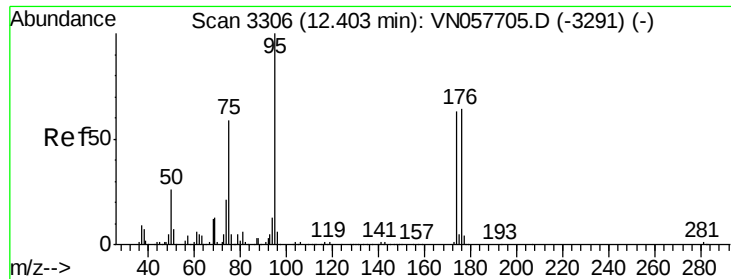
Tot Ion: 43 Resp: 47841
Ion Ratio Lower Upper
43 100
61 16.6 12.8 19.2
87 11.2 7.8 11.8



#50
Toluene-d8
Concen: 50.818 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057768.D
Acq: 7 Sep 2019 20:37

Tgt Ion: 98 Resp: 537245
Ion Ratio Lower Upper
98 100
100 65.0 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 44.622 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057768.D

Acq: 7 Sep 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

T12-E2-(0)

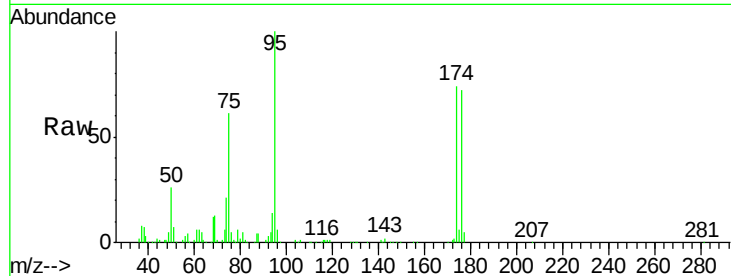
Tot Ion: 95 Resp: 195941

Ion Ratio Lower Upper

95 100

174 75.3 0.0 128.0

176 73.0 0.0 128.0

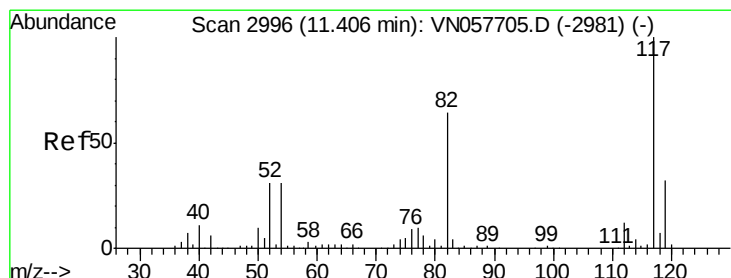
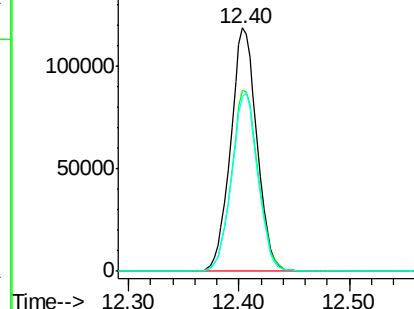
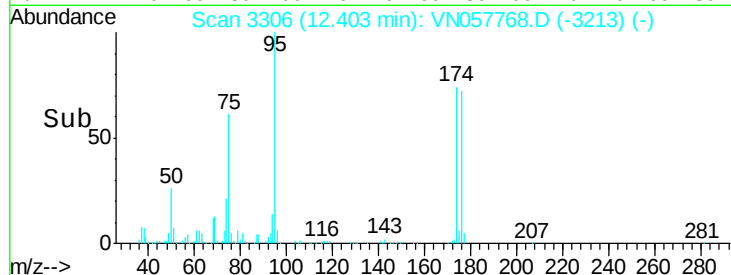


Abundance Ion 94.90 (94.60 to 95.60): VN057705.D (-3291) (-)

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

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

12.40



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057768.D

Acq: 7 Sep 2019 20:37

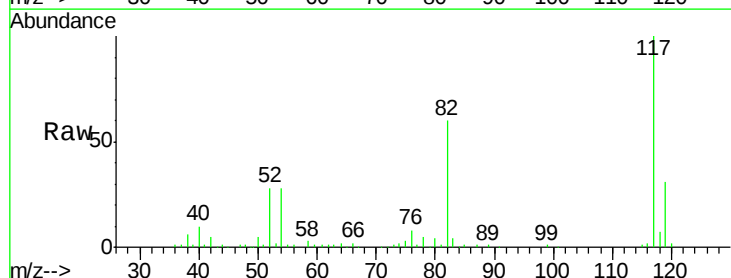
Tgt Ion: 117 Resp: 291795

Ion Ratio Lower Upper

117 100

82 60.1 51.4 77.0

119 31.0 25.4 38.2

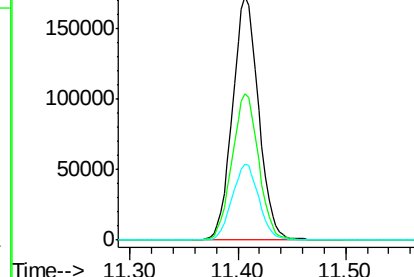
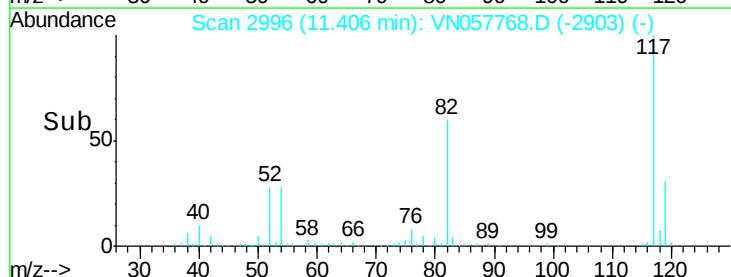


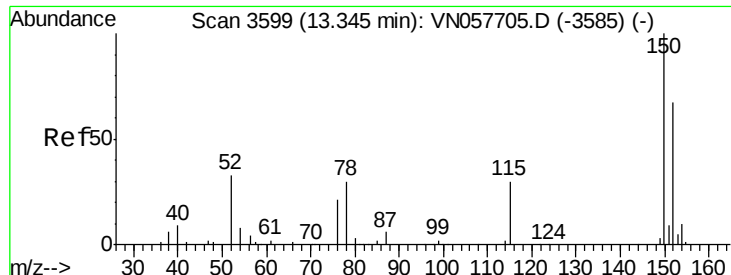
Abundance Ion 116.90 (116.60 to 117.60): VN057705.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057705.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057705.D (-2981) (-)

11.41

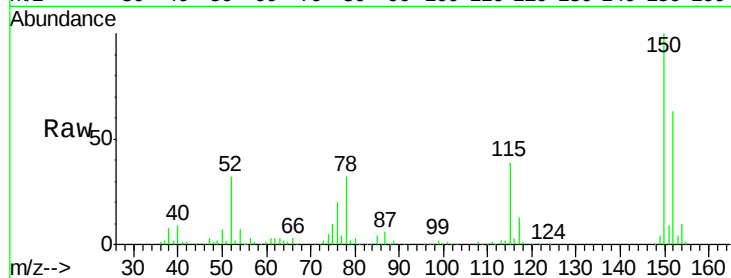




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN057768.D
 Acq: 7 Sep 2019 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-E2-(0)

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.6	33.8	101.3
150	155.4	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

