

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090619\
 Data File : VN057729.D
 Acq On : 6 Sep 2019 21:33
 Operator : JC/SP
 Sample : K4580-28
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-B1-(3.5)

Quant Time: Sep 07 00:03:21 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

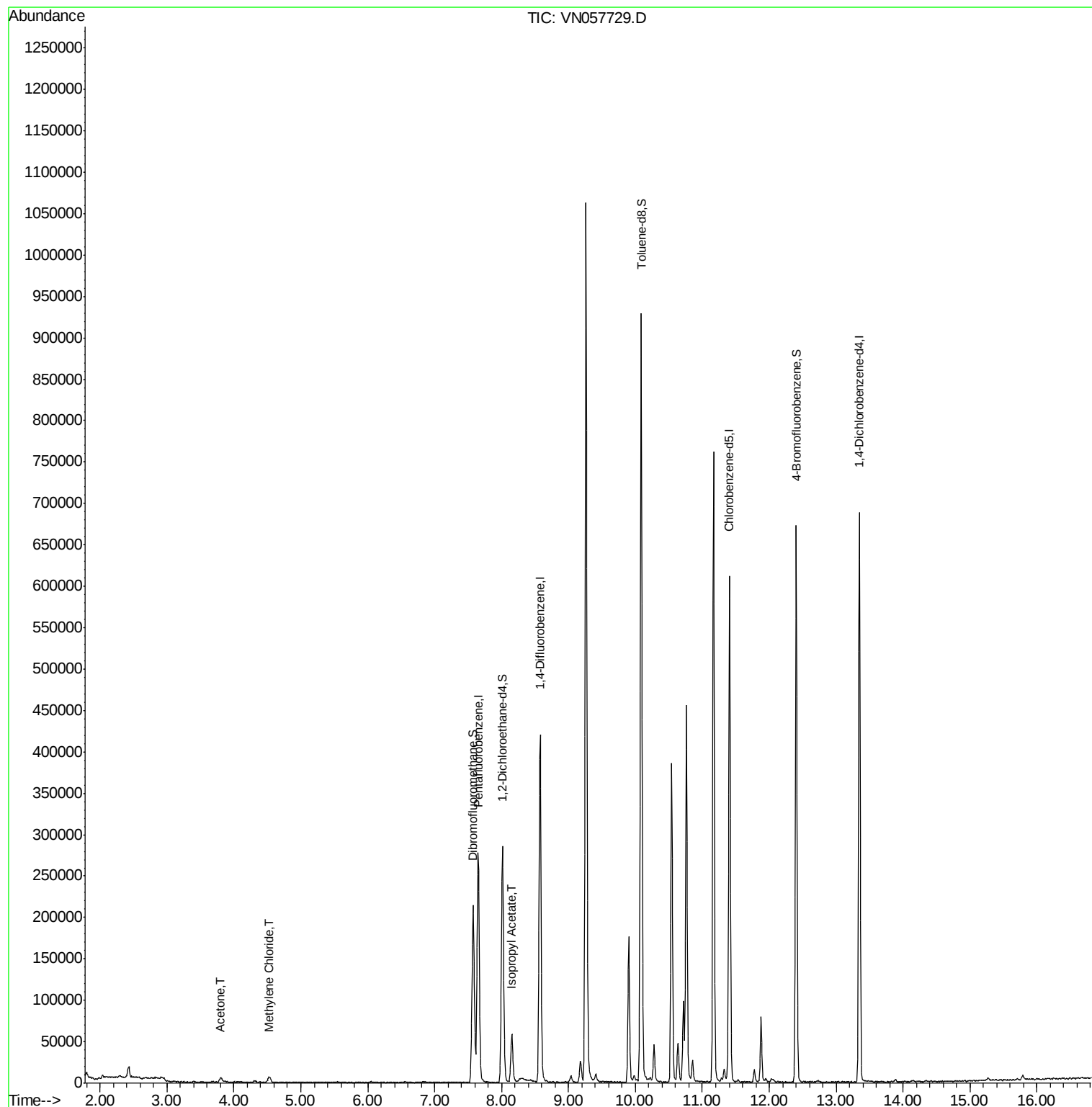
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	195313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	325954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	301492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	151452	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	251386	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
35) Dibromofluoromethane	7.57	113	150173	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
50) Toluene-d8	10.08	98	581688	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
62) 4-Bromofluorobenzene	12.40	95	211747	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
Target Compounds						
16) Acetone	3.80	43	8614	5.891	ug/l #	81
20) Methylene Chloride	4.54	84	4211	1.332	ug/l #	80
43) Isopropyl Acetate	8.16	43	73251	8.865	ug/l	98

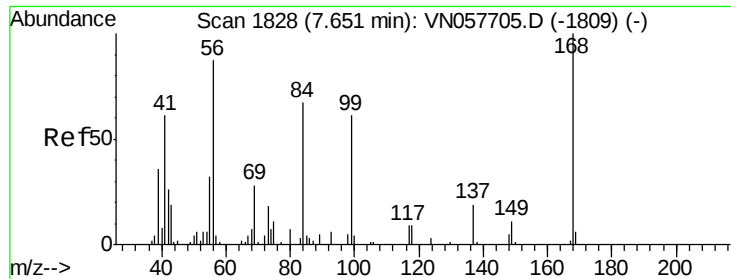
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 06 03:46:54 2019
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: VN057729.D

Acq: 6 Sep 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

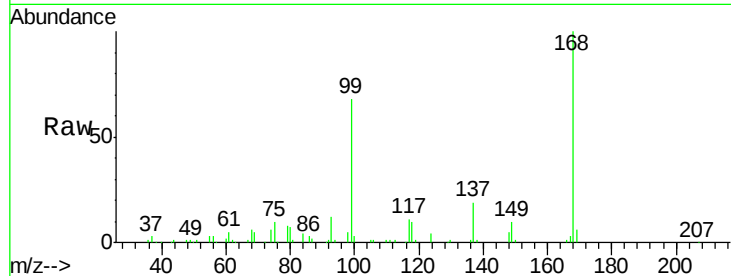
T12-B1-(3.5)

Tot Ion:168 Resp: 195313

Ion Ratio Lower Upper

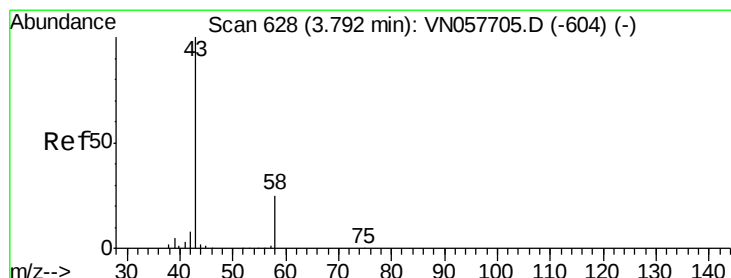
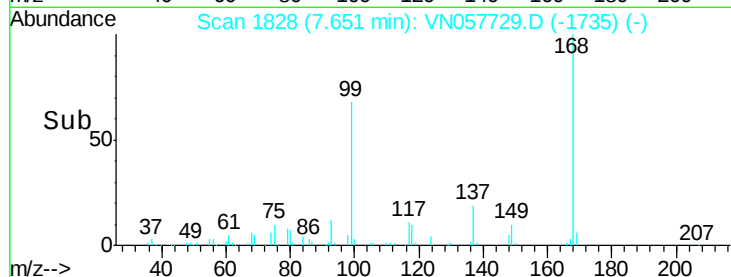
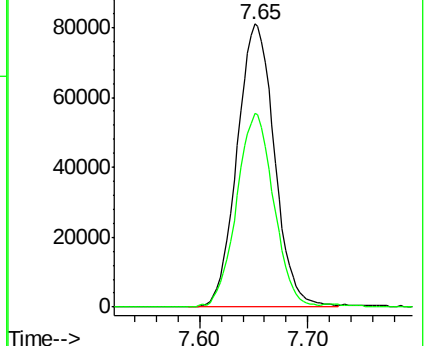
168 100

99 68.4 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: 5.891 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN057729.D

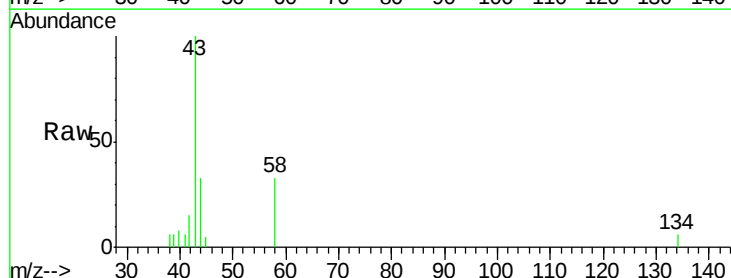
Acq: 6 Sep 2019 21:33

Tgt Ion: 43 Resp: 8614

Ion Ratio Lower Upper

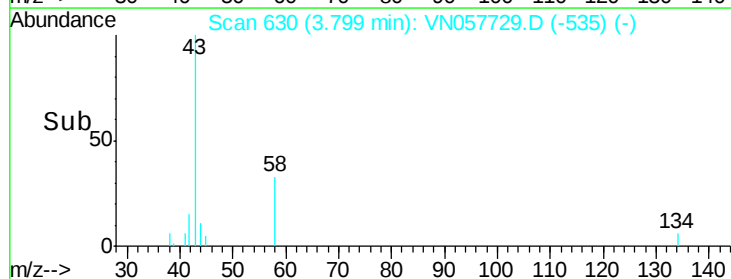
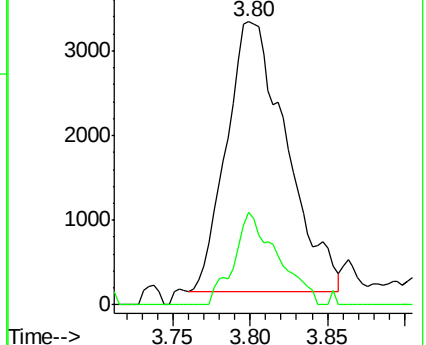
43 100

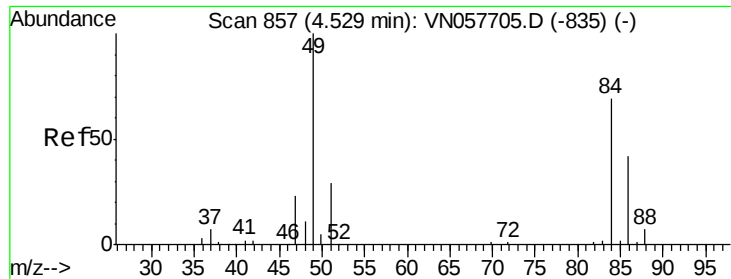
58 34.5 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

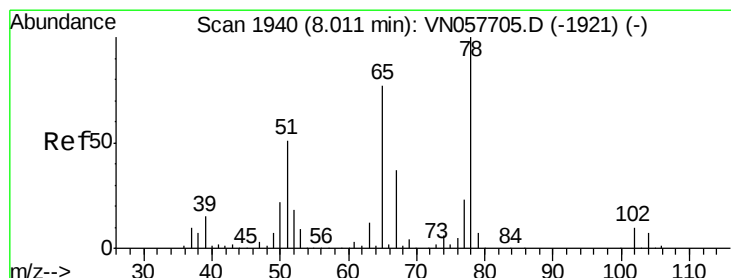
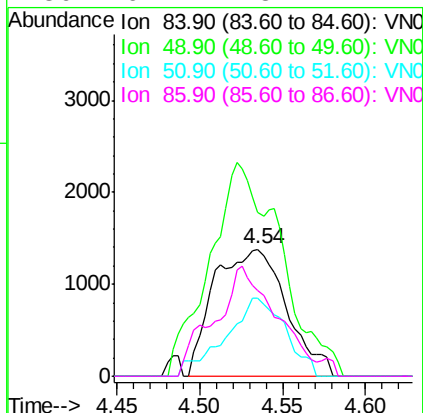
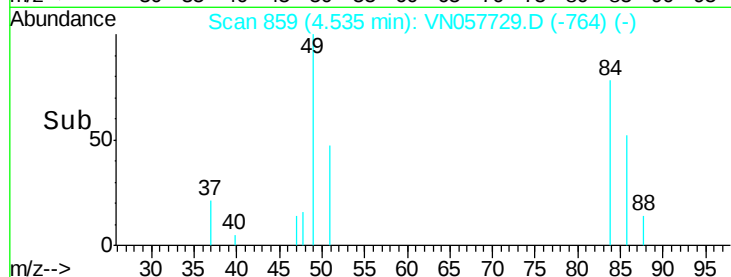
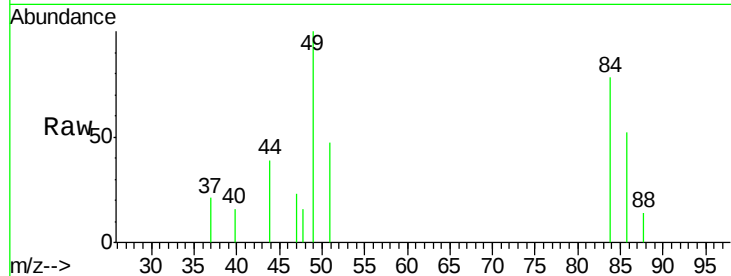




#20
Methvlene Chloride
Concen: 1.332 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.01 min
Lab File: VN057729.D
Acq: 6 Sep 2019 21:33

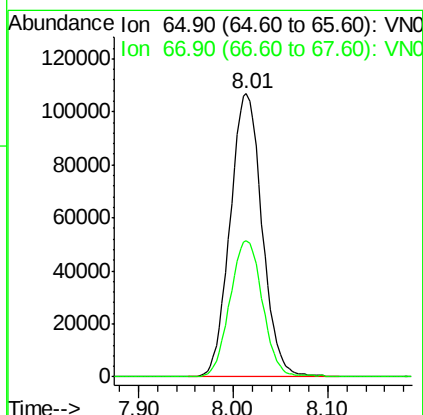
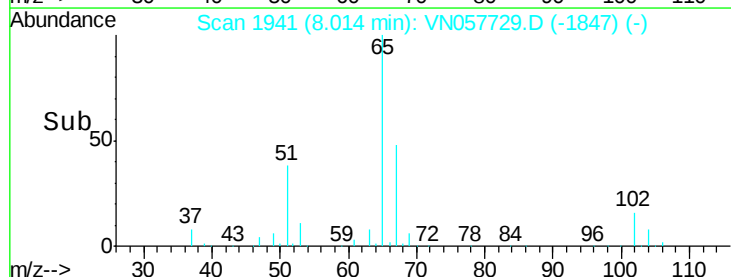
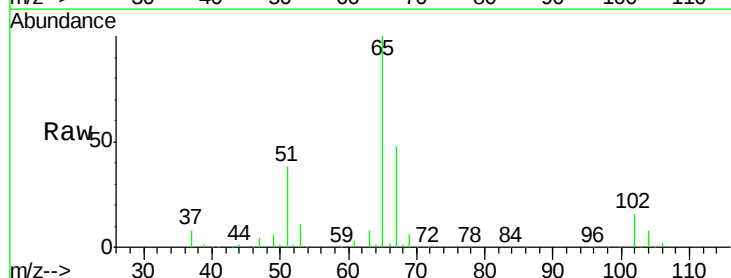
Instrument :
MSVOA_N
ClientSampled :
T12-B1-(3.5)

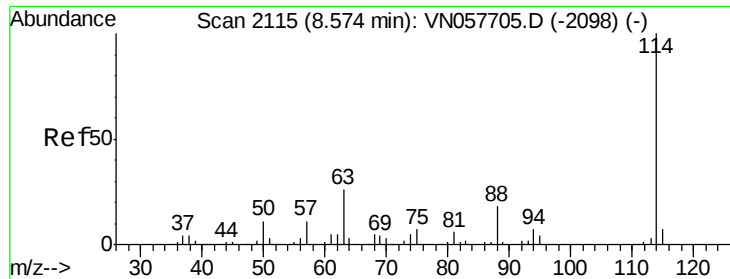
Tot Ion: 84 Resp: 4211
Ion Ratio Lower Upper
84 100
49 117.7 115.0 172.6
51 60.9 33.8 50.8#
86 67.2 48.2 72.2



#33
1,2-Dichloroethane-d4
Concen: 52.908 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057729.D
Acq: 6 Sep 2019 21:33

Tgt Ion: 65 Resp: 251386
Ion Ratio Lower Upper
65 100
67 49.0 0.0 98.2

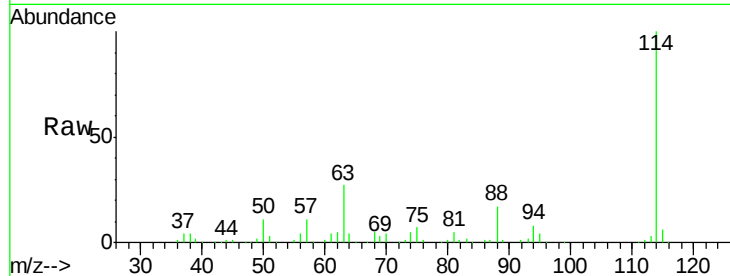




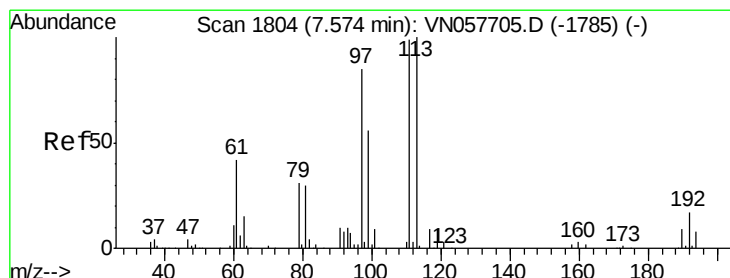
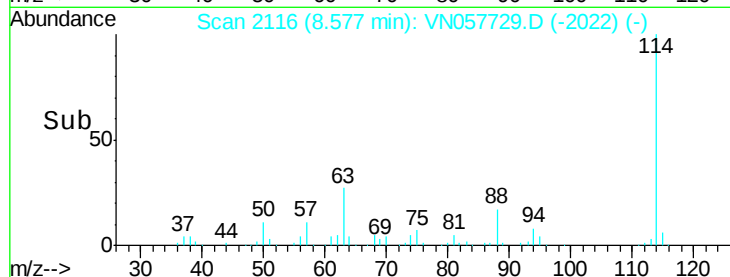
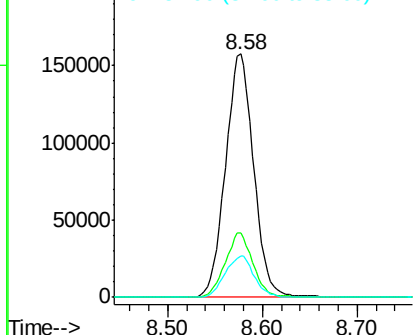
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057729.D
 Acq: 6 Sep 2019 21:33

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-B1-(3.5)

Tot Ion:114 Resp: 325954
 Ion Ratio Lower Upper
 114 100
 63 26.6 0.0 52.4
 88 17.0 0.0 35.4

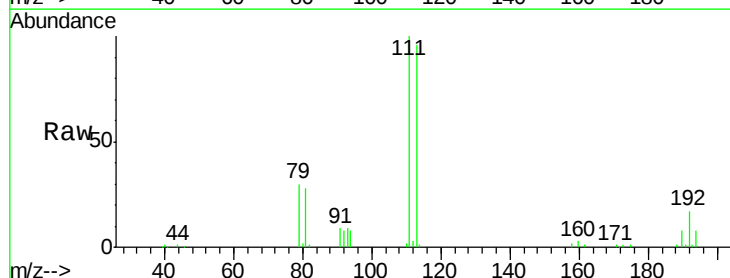


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

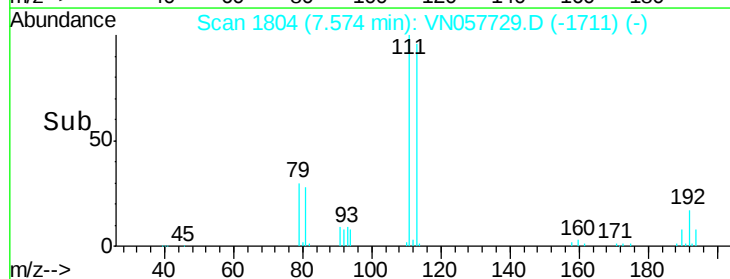
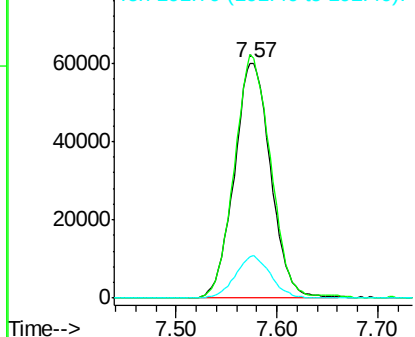


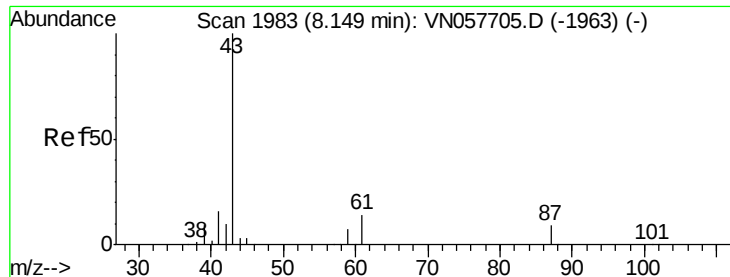
#35
 Dibromofluoromethane
 Concen: 50.581 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057729.D
 Acq: 6 Sep 2019 21:33

Tgt Ion:113 Resp: 150173
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.7 124.1
 192 17.2 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: 8.865 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN057729.D

Acq: 6 Sep 2019 21:33

Instrument :

MSVOA_N

ClientSampled :

T12-B1-(3.5)

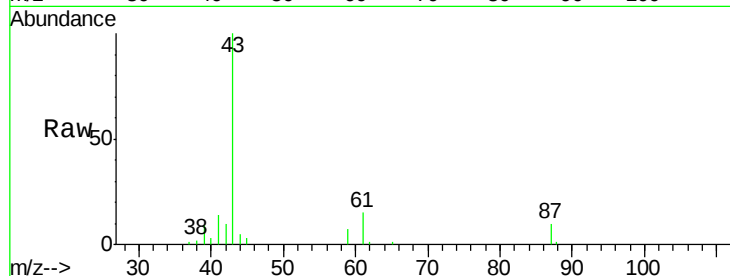
Tot Ion: 43 Resp: 73251

Ion Ratio Lower Upper

43 100

61 15.3 12.8 19.2

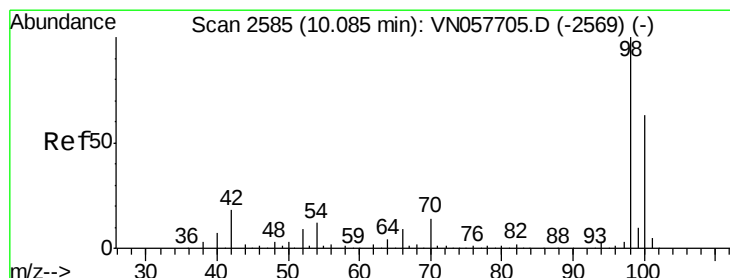
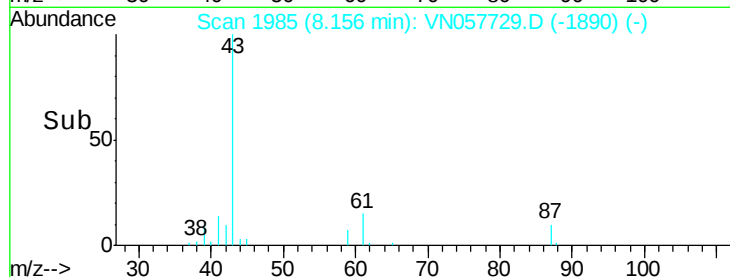
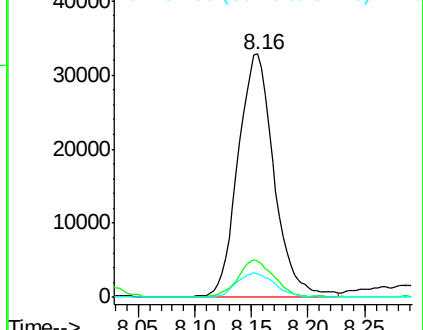
87 10.5 7.8 11.8



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: 52.963 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057729.D

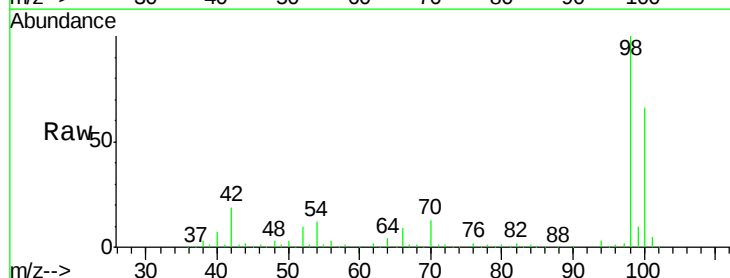
Acq: 6 Sep 2019 21:33

Tgt Ion: 98 Resp: 581688

Ion Ratio Lower Upper

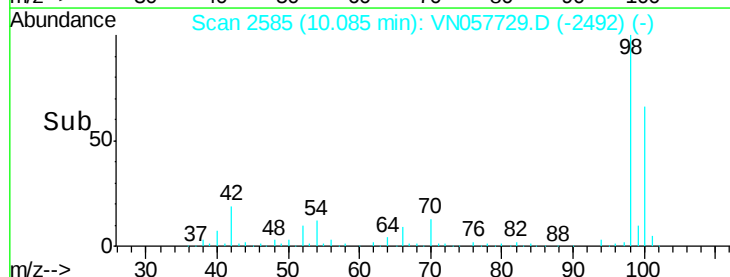
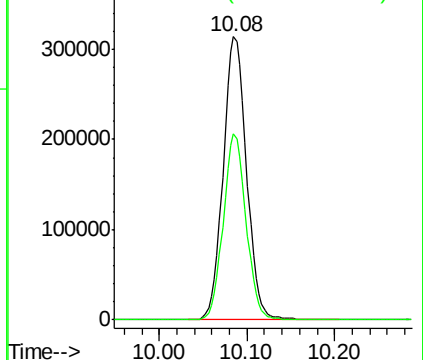
98 100

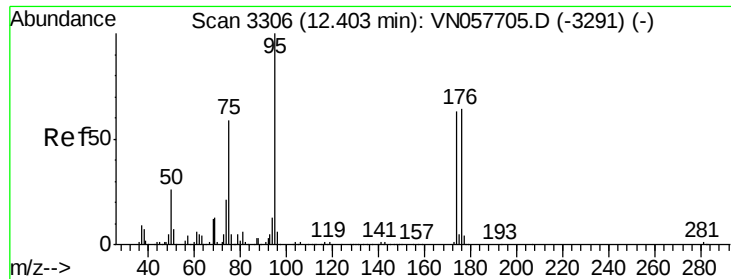
100 64.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 46.418 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN057729.D

Acq: 6 Sep 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

T12-B1-(3.5)

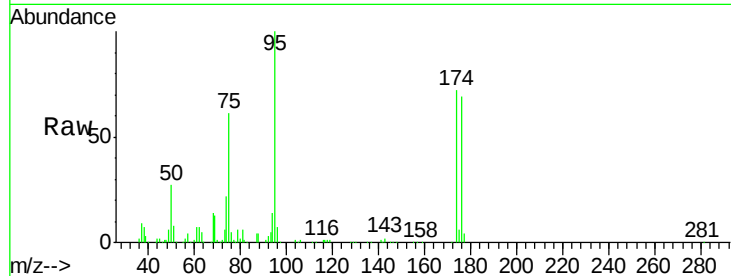
Tot Ion: 95 Resp: 211747

Ion Ratio Lower Upper

95 100

174 71.0 0.0 128.0

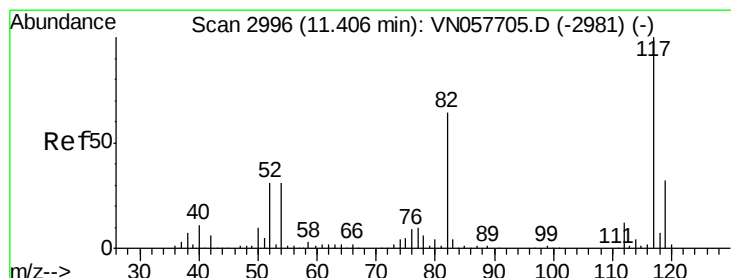
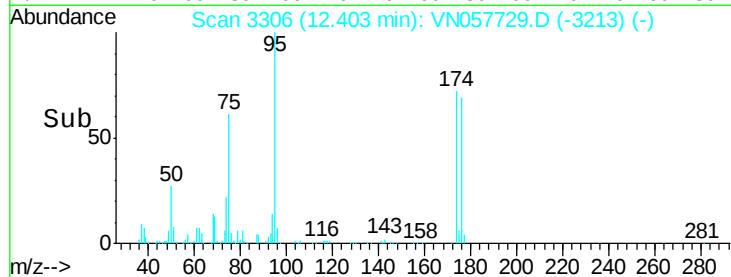
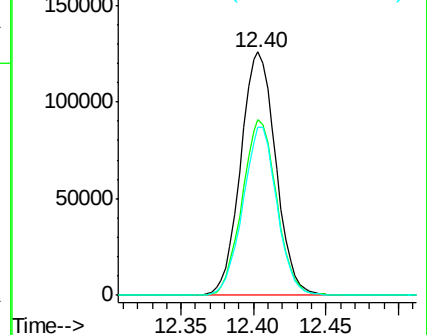
176 67.2 0.0 128.0



Abundance Ion 94.90 (94.60 to 95.60): VN057729.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN057729.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN057729.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN057729.D

Acq: 6 Sep 2019 21:33

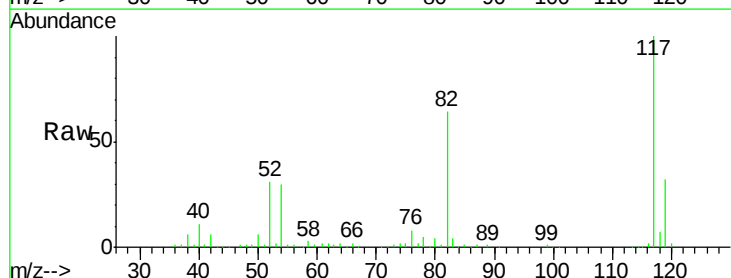
Tgt Ion: 117 Resp: 301492

Ion Ratio Lower Upper

117 100

82 63.6 51.4 77.0

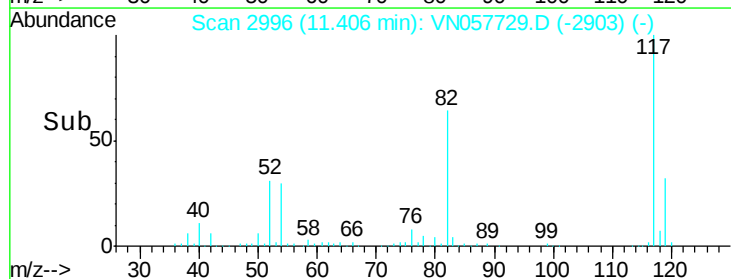
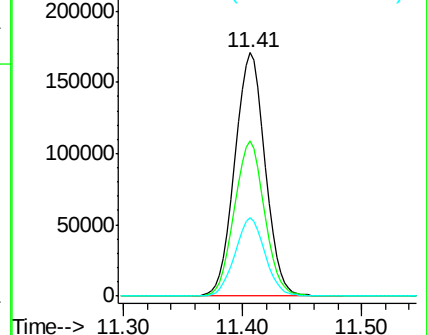
119 32.0 25.4 38.2

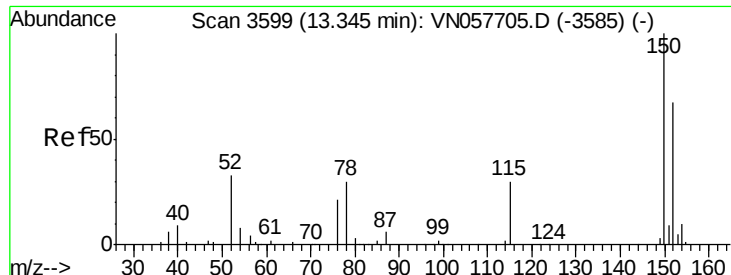


Abundance Ion 116.90 (116.60 to 117.60): VN057729.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN057729.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN057729.D (-2903) (-)

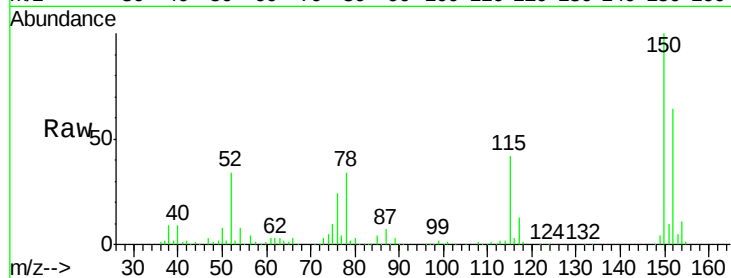




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN057729.D
 Acq: 6 Sep 2019 21:33

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-B1-(3.5)

Tot Ion	Ratio	Lower	Upper
152	100		
115	66.3	33.8	101.3
150	157.6	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

