

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083119\
 Data File : VN057593.D
 Acq On : 30 Aug 2019 17:30
 Operator : JC/SP
 Sample : K4562-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-02-30-32

Quant Time: Aug 31 01:06:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 11:59:03 2019
 Response via : Initial Calibration

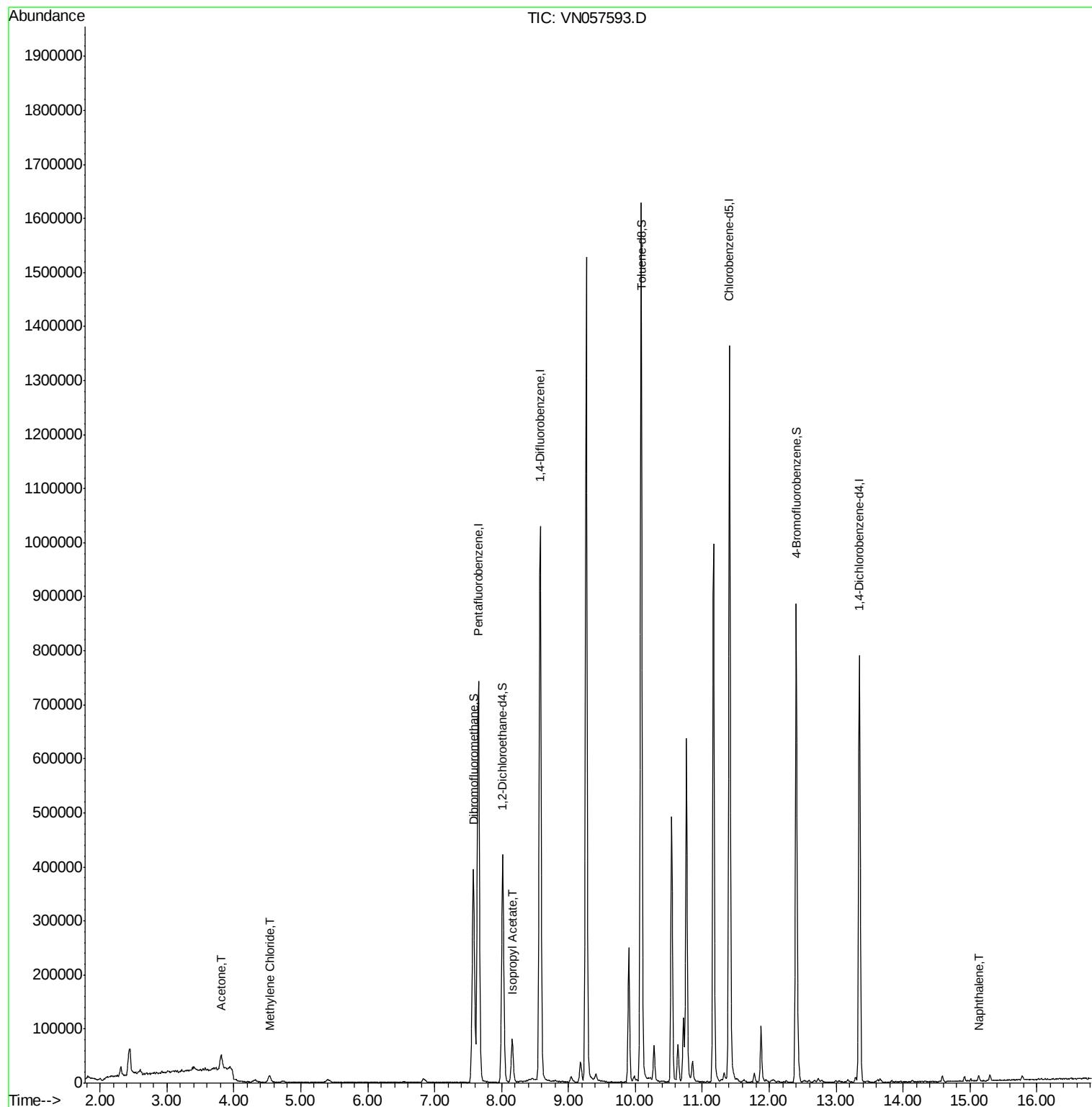
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	599084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	945304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	816843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	221300	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	370003	37.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.46%	
35) Dibromofluoromethane	7.58	113	291243	34.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.94%	
50) Toluene-d8	10.08	98	1144087	38.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.56%	
62) 4-Bromofluorobenzene	12.40	95	311530	31.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.10%	
Target Compounds						
16) Acetone	3.81	43	39912	10.070	ug/l #	89
20) Methylene Chloride	4.54	84	8690	1.184	ug/l	85
43) Isopropyl Acetate	8.16	43	93841	7.420	ug/l #	95
95) Naphthalene	15.13	128	8009	1.094	ug/l	97

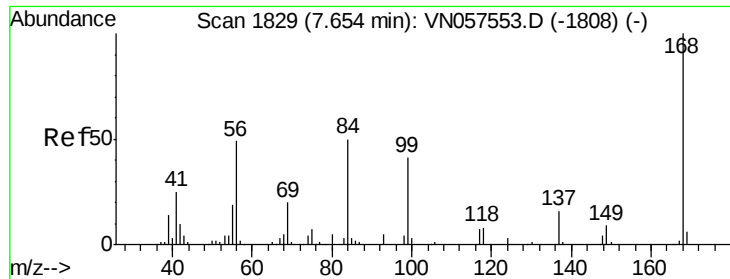
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN083119\
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MSVOA_N
ClientSampleId :
SB-02-30-32

Quant Time: Aug 31 01:06:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 11:59:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN057593.D

Acq: 30 Aug 2019 17:30

Instrument :

MSVOA_N

ClientSampleId :

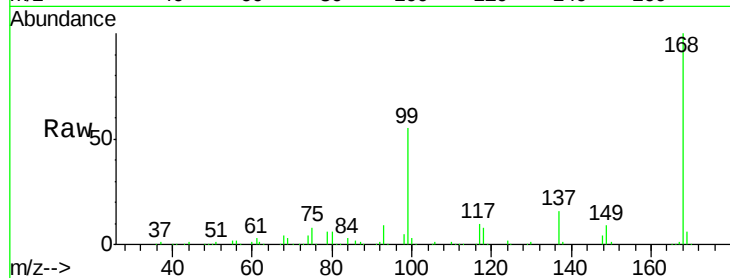
SB-02-30-32

Tot Ion:168 Resp: 599084

Ion Ratio Lower Upper

168 100

99 54.9 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

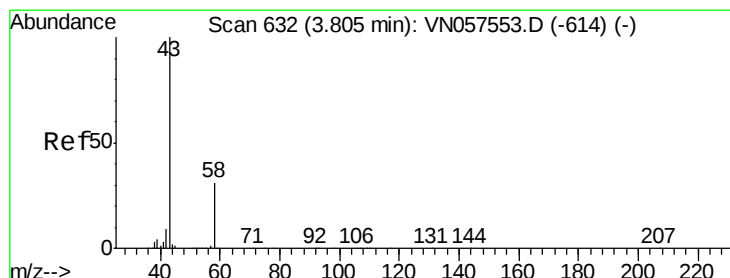
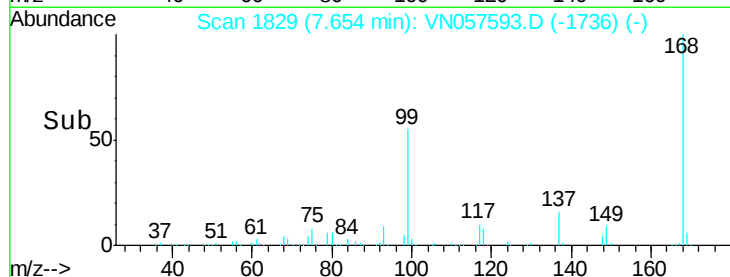
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.070 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN057593.D

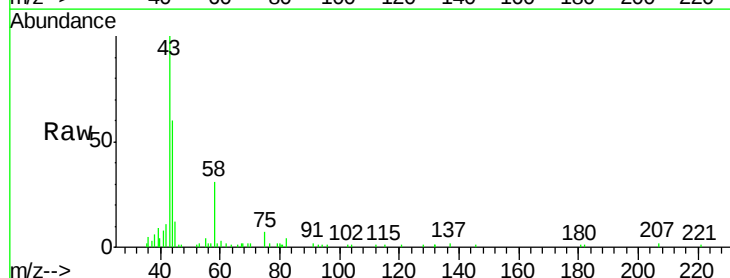
Acq: 30 Aug 2019 17:30

Tgt Ion: 43 Resp: 39912

Ion Ratio Lower Upper

43 100

58 33.2 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.81

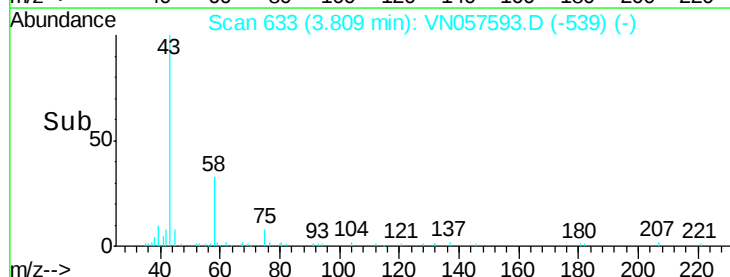
15000

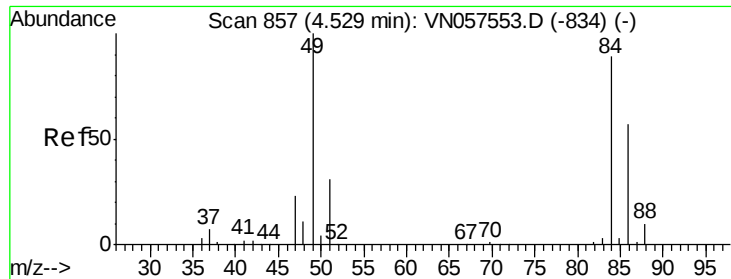
10000

5000

0

Time-->

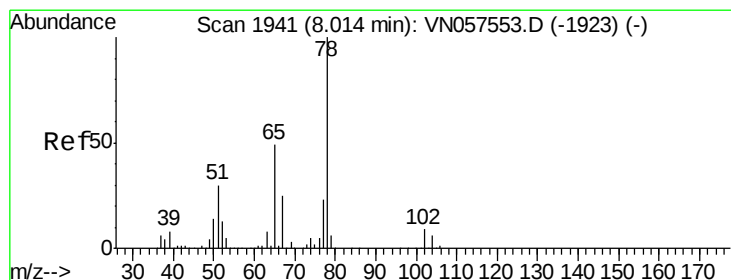
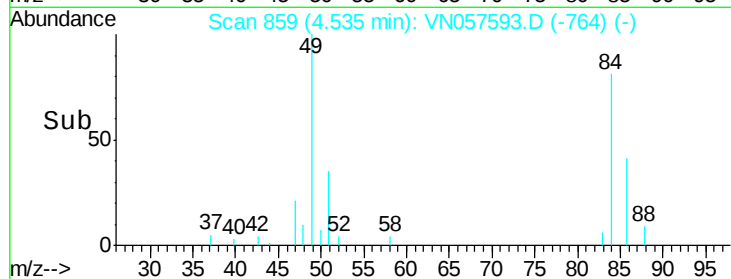
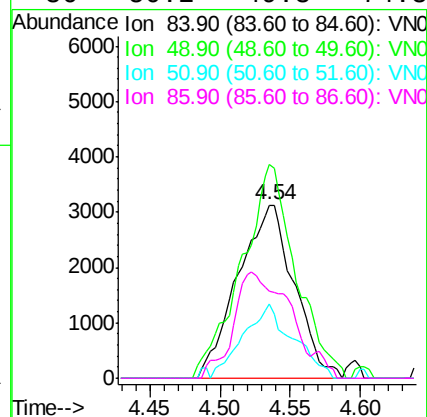
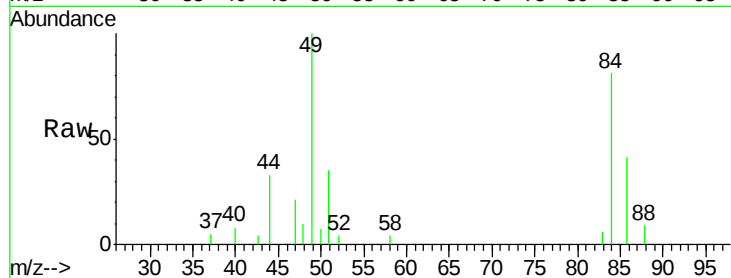




#20
Methylene Chloride
Concen: 1.184 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.01 min
Lab File: VN057593.D
Acq: 30 Aug 2019 17:30

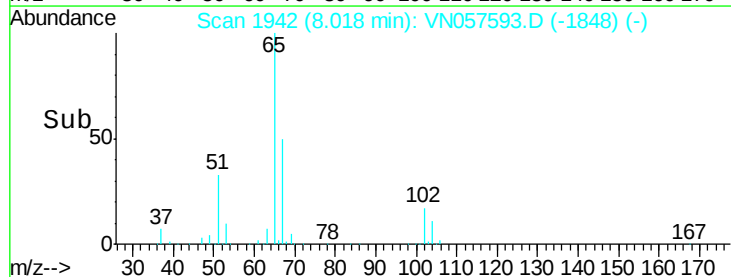
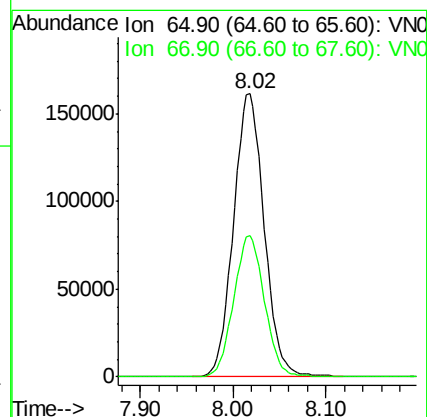
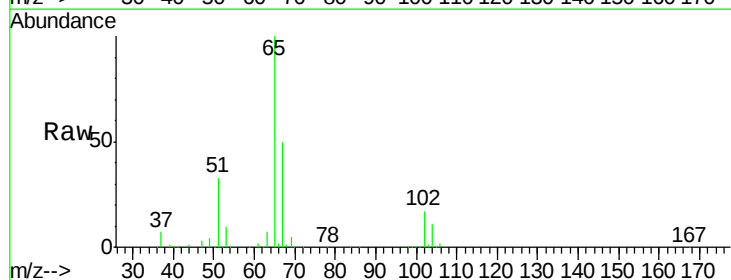
Instrument :
MSVOA_N
ClientSampleId :
SB-02-30-32

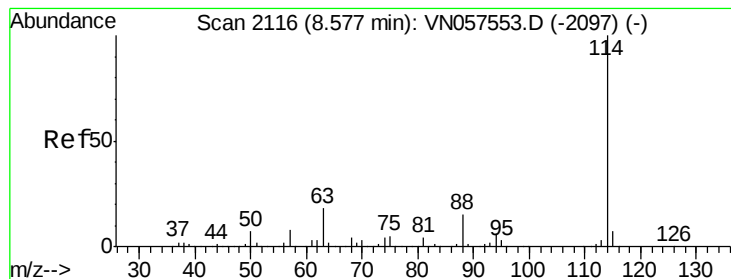
Tot Ion:	84	Resp:	8690
Ion	Ratio	Lower	Upper
84	100		
49	123.3	117.0	175.4
51	42.8	35.5	53.3
86	50.2	49.8	74.8



#33
1,2-Dichloroethane-d4
Concen: 37.734 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN057593.D
Acq: 30 Aug 2019 17:30

Tgt Ion:	65	Resp:	370003
Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. -0.00 min

Lab File: VN057593.D

Acq: 30 Aug 2019 17:30

Instrument :

MSVOA_N

ClientSampleId :

SB-02-30-32

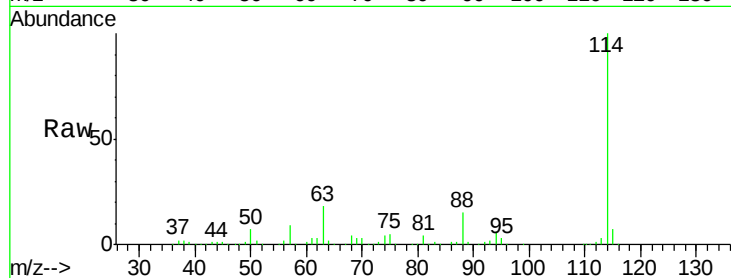
Tot Ion:114 Resp: 945304

Ion Ratio Lower Upper

114 100

63 17.9 0.0 50.2

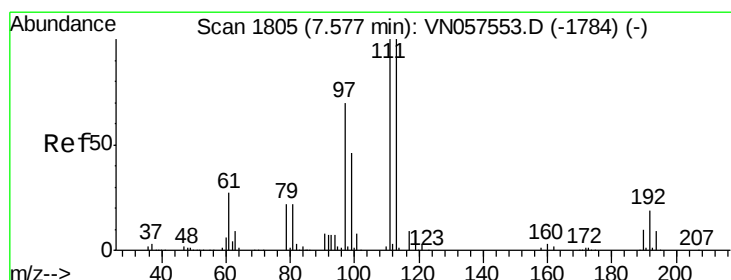
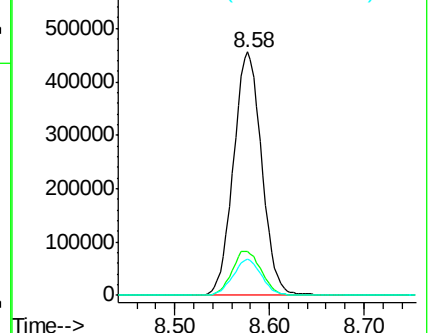
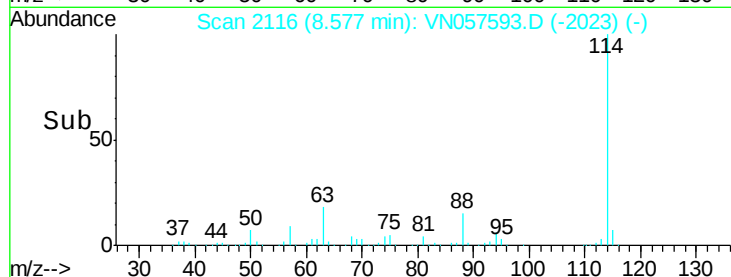
88 14.9 0.0 34.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 34.470 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.00 min

Lab File: VN057593.D

Acq: 30 Aug 2019 17:30

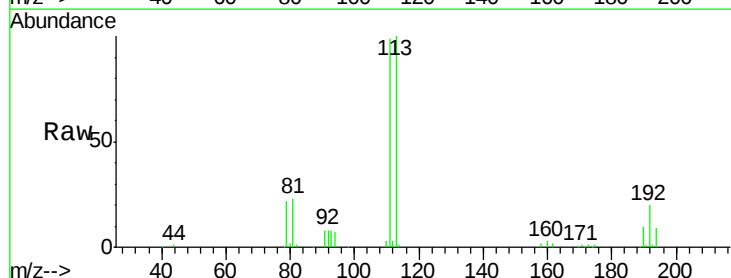
Tgt Ion:113 Resp: 291243

Ion Ratio Lower Upper

113 100

111 101.2 83.8 125.6

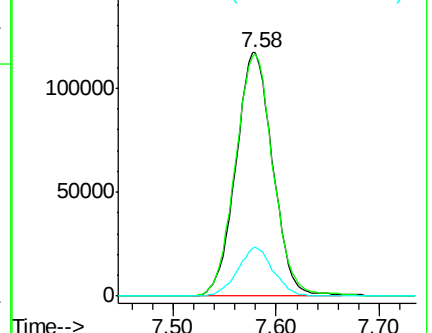
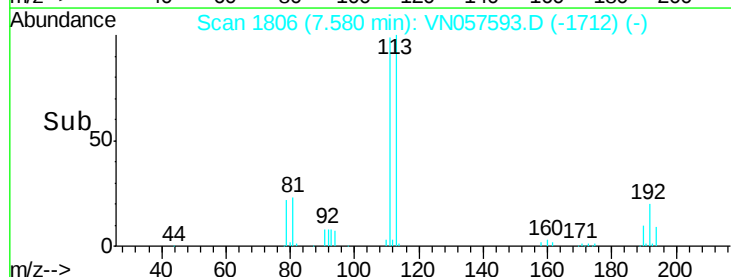
192 19.3 13.5 20.3

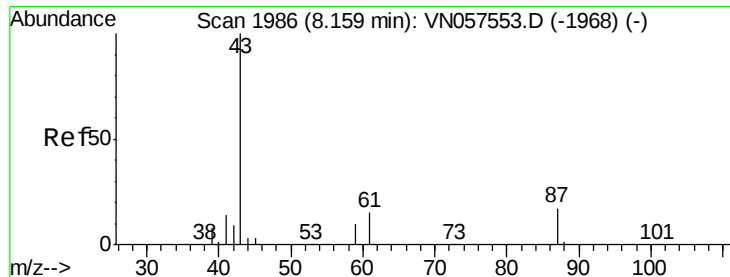


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.420 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN057593.D

Acq: 30 Aug 2019 17:30

Instrument :

MSVOA_N

ClientSampled :

SB-02-30-32

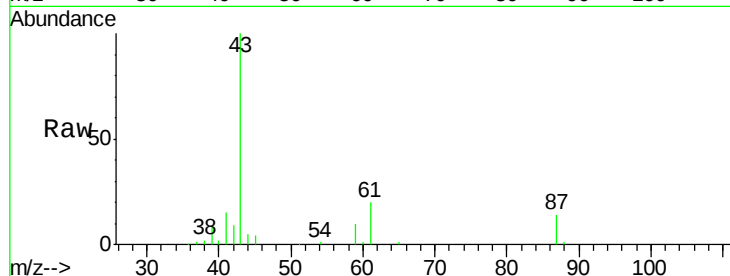
Tot Ion: 43 Resp: 93841

Ion Ratio Lower Upper

43 100

61 19.9 14.5 21.7

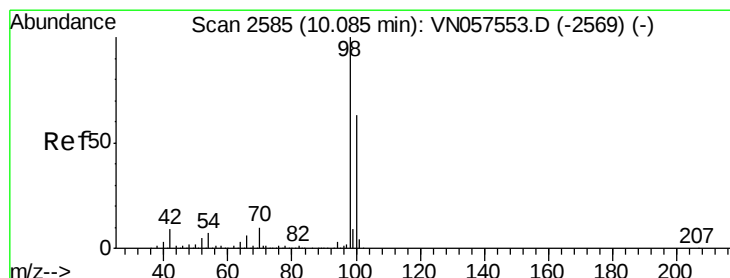
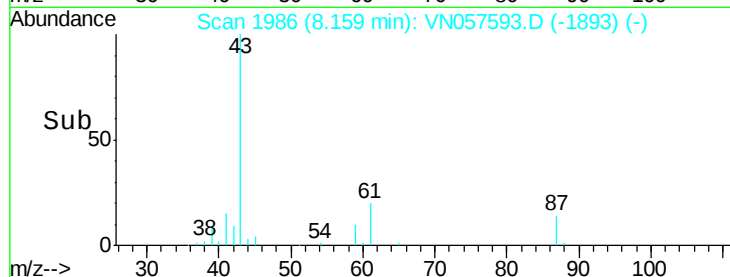
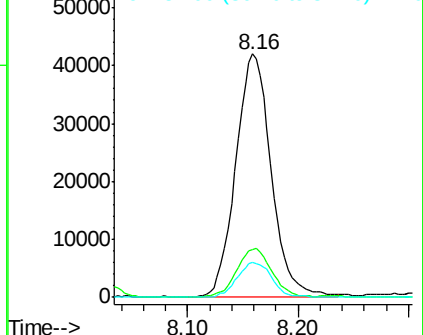
87 13.7 8.6 12.8#



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: 38.282 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057593.D

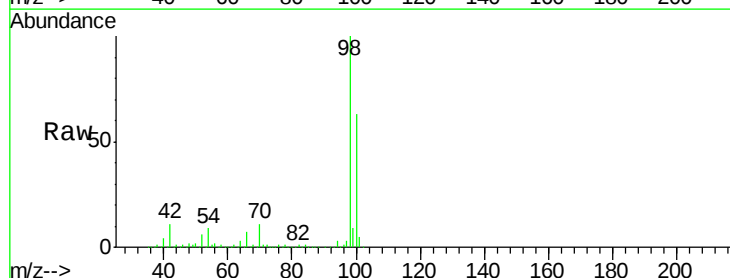
Acq: 30 Aug 2019 17:30

Tgt Ion: 98 Resp: 1144087

Ion Ratio Lower Upper

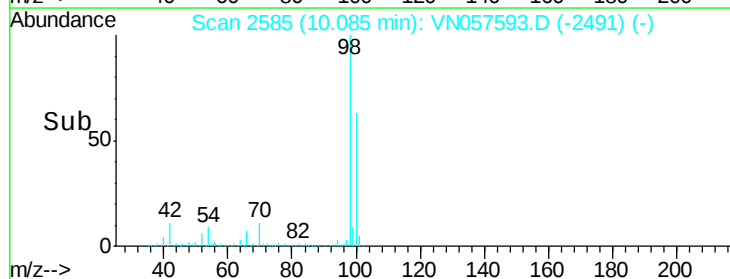
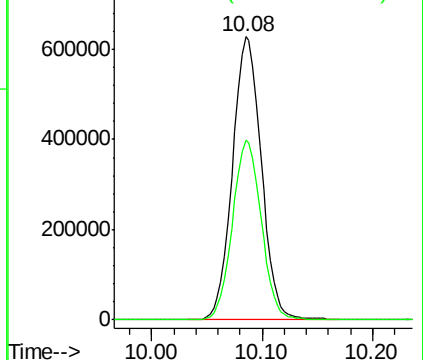
98 100

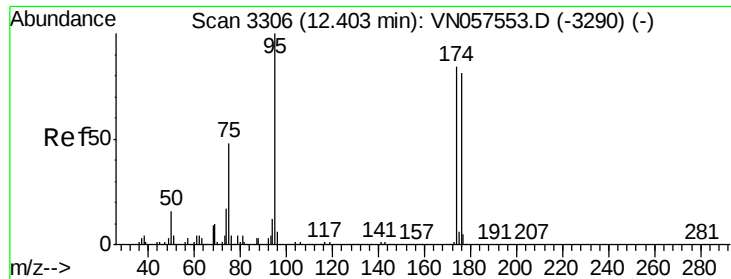
100 63.2 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

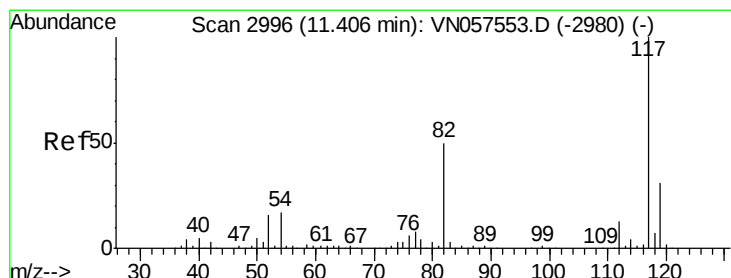
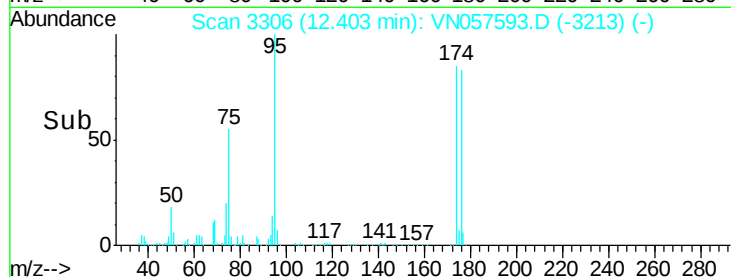
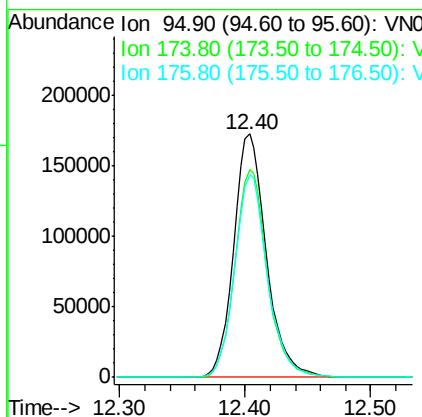
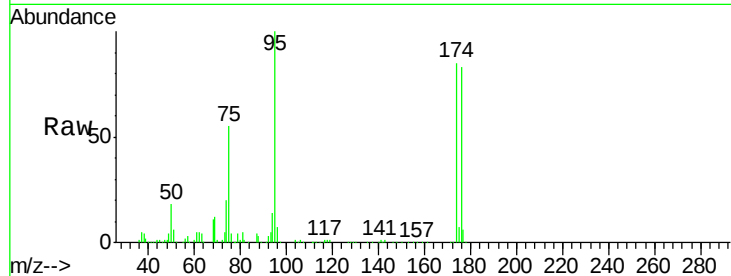




#62
4-Bromofluorobenzene
Concen: 31.053 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057593.D
Acq: 30 Aug 2019 17:30

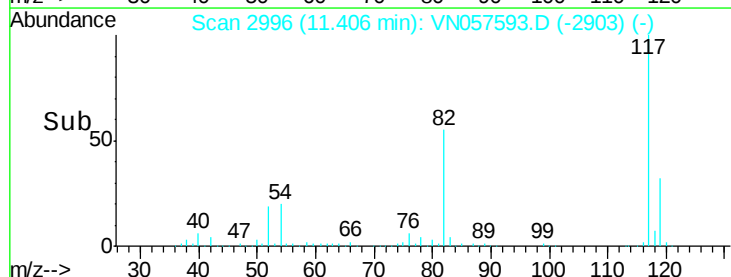
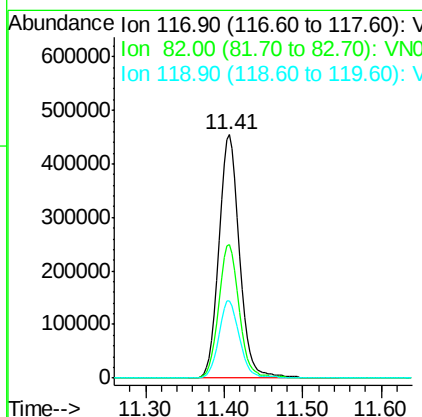
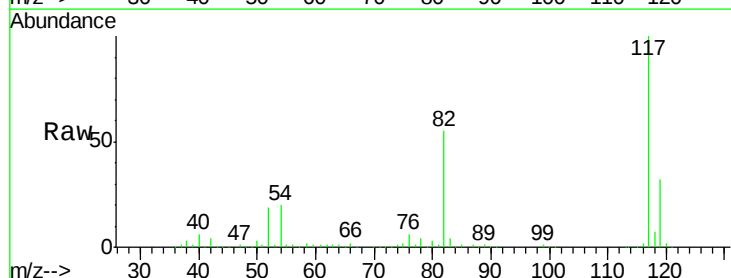
Instrument :
MSVOA_N
ClientSampleId :
SB-02-30-32

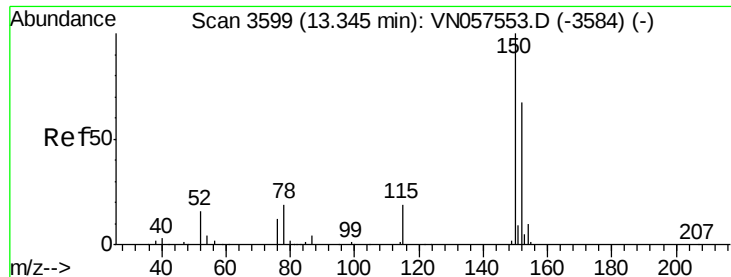
Tot Ion: 95 Resp: 311530
Ion Ratio Lower Upper
95 100
174 84.7 0.0 133.0
176 83.4 0.0 130.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN057593.D
Acq: 30 Aug 2019 17:30

Tgt Ion: 117 Resp: 816843
Ion Ratio Lower Upper
117 100
82 55.0 50.6 75.8
119 31.6 24.6 36.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057593.D

Acq: 30 Aug 2019 17:30

Instrument :

MSVOA_N

ClientSampled :

SB-02-30-32

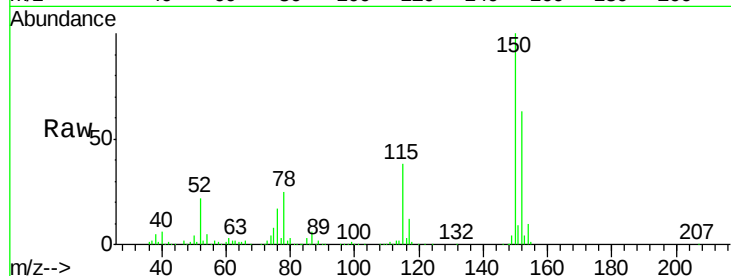
Tot Ion:152 Resp: 221300

Ion Ratio Lower Upper

152 100

115 59.3 32.0 96.0

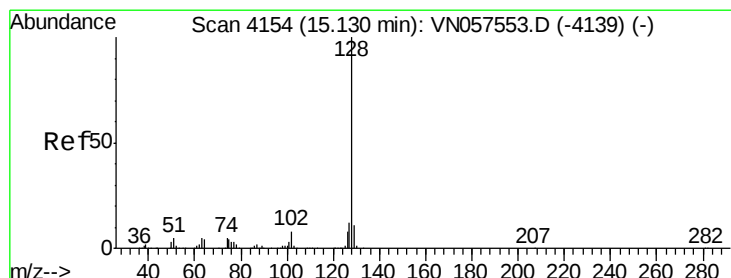
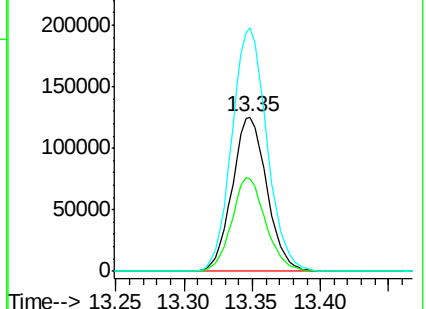
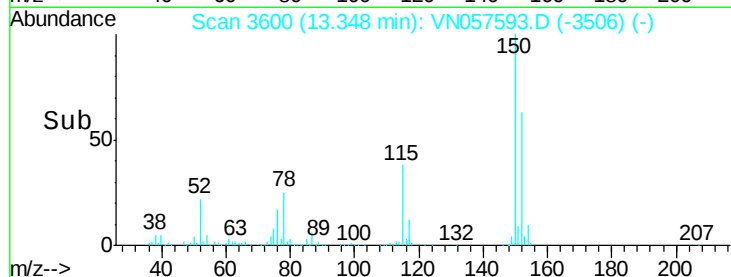
150 159.3 0.0 346.6



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



#95

Naphthalene

Concen: 1.094 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN057593.D

Acq: 30 Aug 2019 17:30

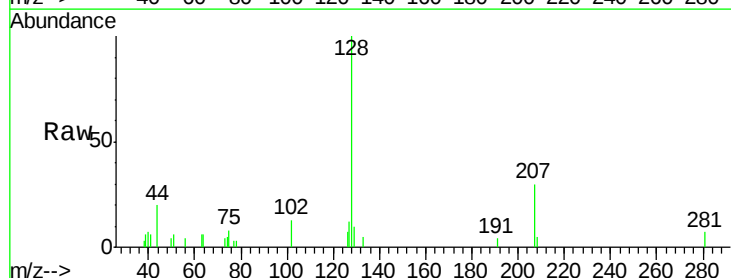
Tgt Ion:128 Resp: 8009

Ion Ratio Lower Upper

128 100

127 14.4 10.5 15.7

129 9.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

