

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091719\
 Data File : VN058147.D
 Acq On : 17 Sep 2019 14:18
 Operator : JC/SP
 Sample : K4922-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GRAB-40151

Quant Time: Sep 18 08:22:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

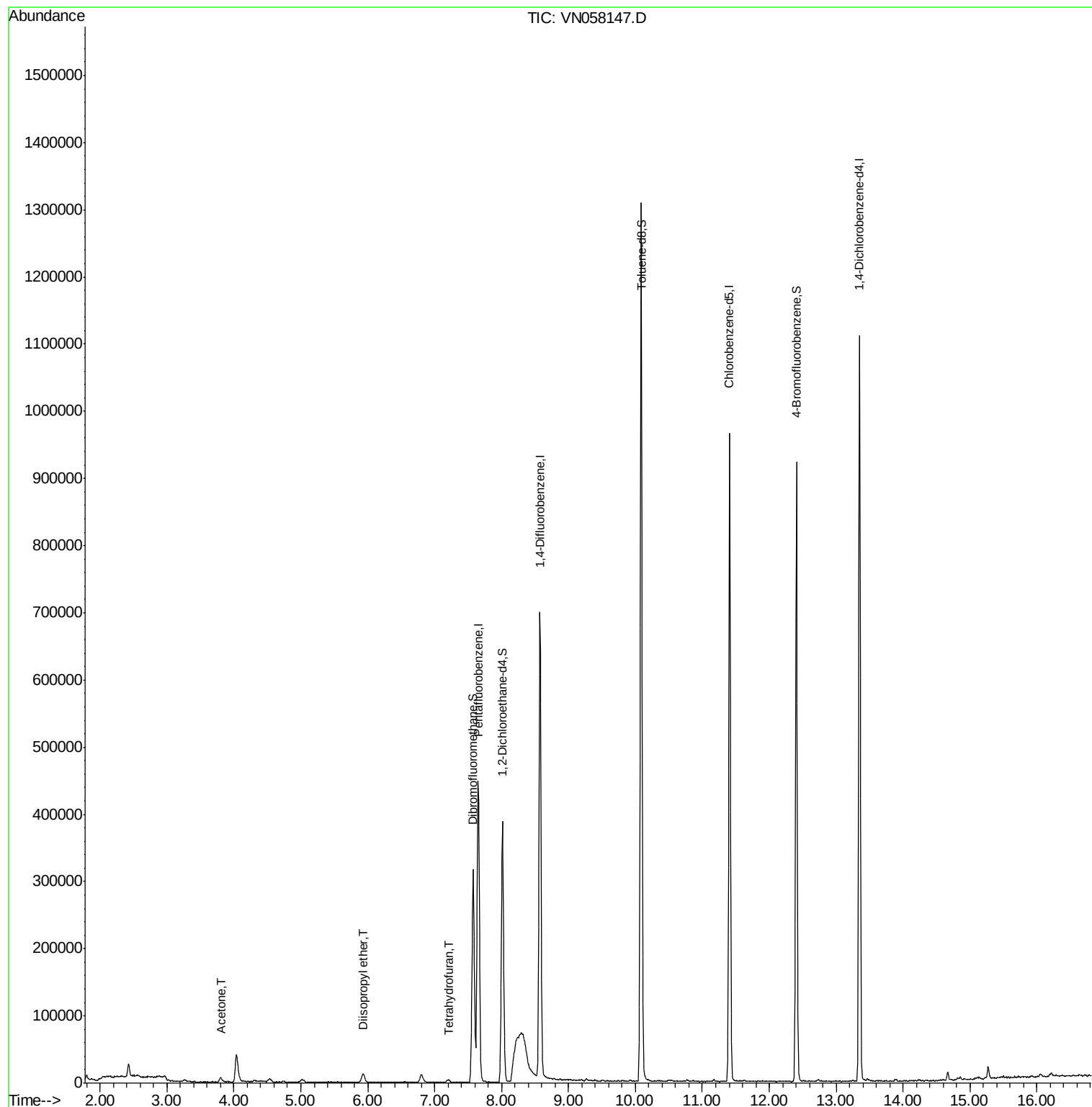
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	358414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	591275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	526012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	287966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	336881	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
35) Dibromofluoromethane	7.58	113	236468	43.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.66%	
50) Toluene-d8	10.08	98	898803	42.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.84%	
62) 4-Bromofluorobenzene	12.40	95	309706	38.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.72%	
Target Compounds						
16) Acetone	3.80	43	12856	5.402	ug/l	98
22) Diisopropyl ether	5.93	45	17663	1.008	ug/l	94
29) Tetrahydrofuran	7.21	42	4216	1.986	ug/l #	49

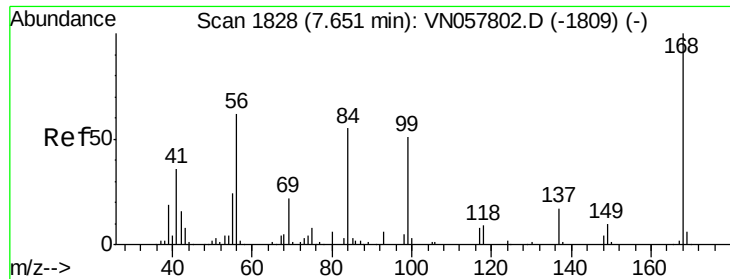
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091719\
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Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

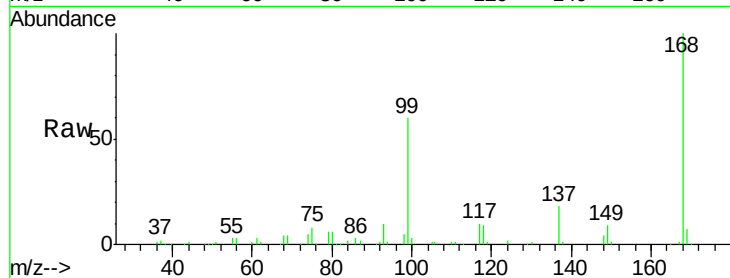
GRAB-40151

Tot Ion:168 Resp: 358414

Ion Ratio Lower Upper

168 100

99 59.6 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

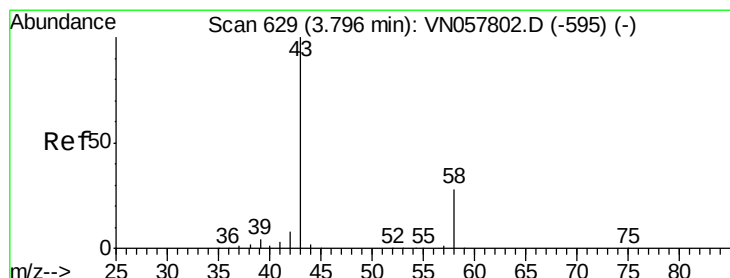
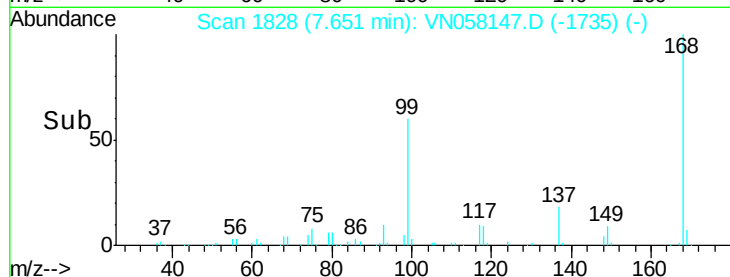
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.402 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058147.D

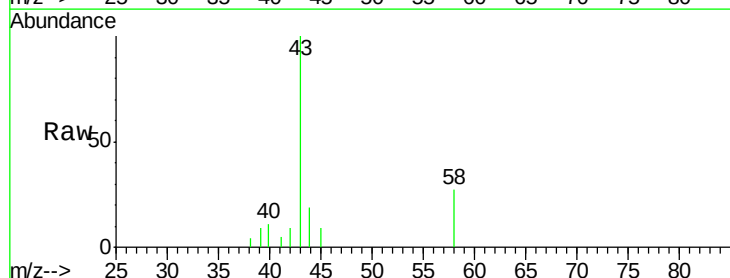
Acq: 17 Sep 2019 14:18

Tgt Ion: 43 Resp: 12856

Ion Ratio Lower Upper

43 100

58 26.7 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

4000

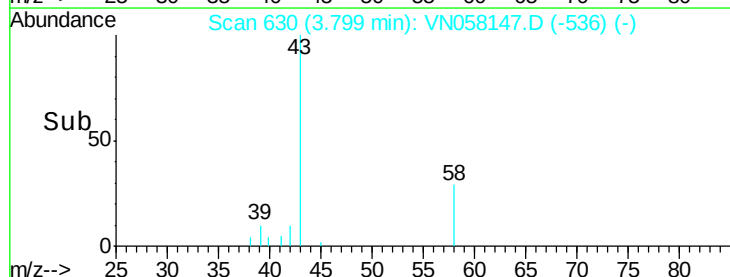
3000

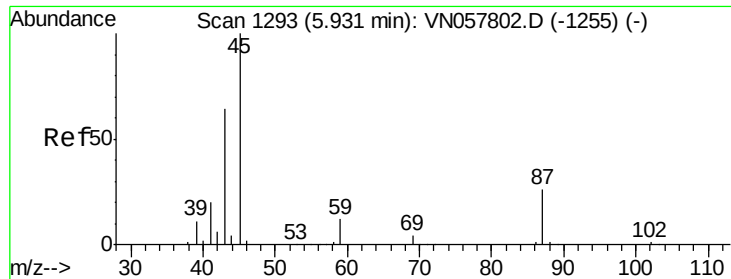
2000

1000

0

Time-->





#22

Diisopropyl ether

Concen: 1.008 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VN058147.D

Acq: 17 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampled :

GRAB-40151

Tot Ion: 45 Resp: 17663

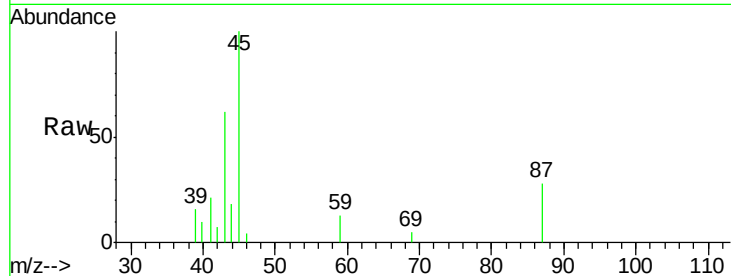
Ion Ratio Lower Upper

45 100

43 57.4 51.4 77.2

87 27.6 21.3 31.9

59 12.9 9.3 13.9

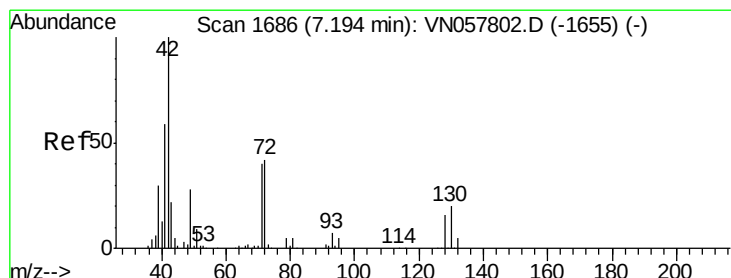
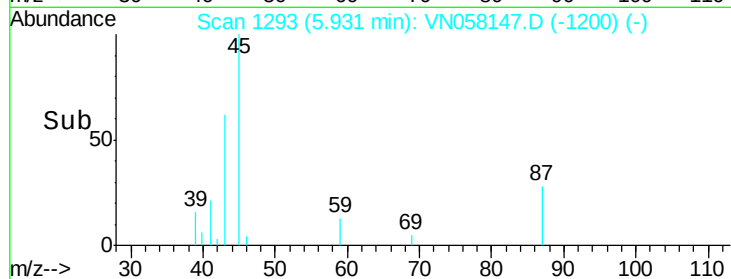
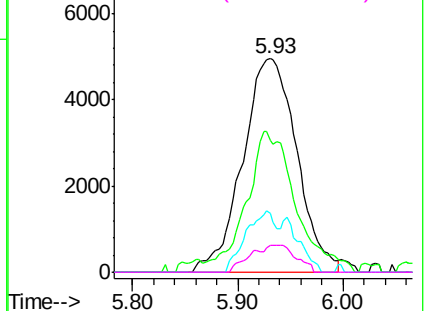


Abundance Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO



#29

Tetrahydrofuran

Concen: 1.986 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.02 min

Lab File: VN058147.D

Acq: 17 Sep 2019 14:18

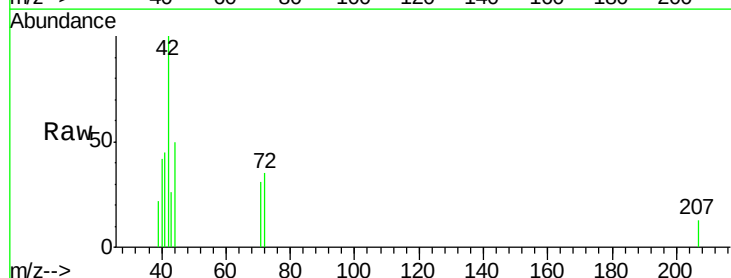
Tgt Ion: 42 Resp: 4216

Ion Ratio Lower Upper

42 100

72 0.0 33.7 50.5#

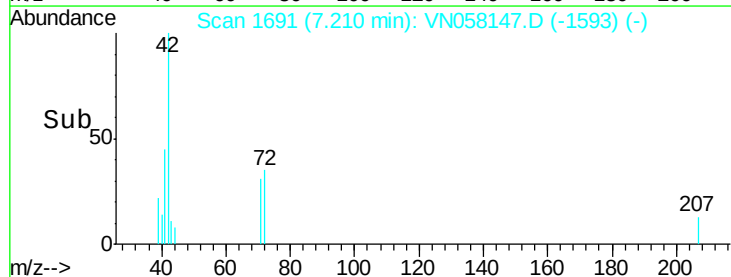
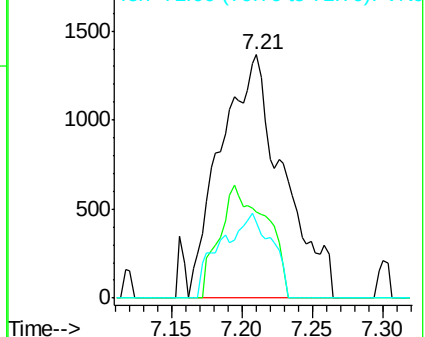
71 18.0 31.9 47.9#

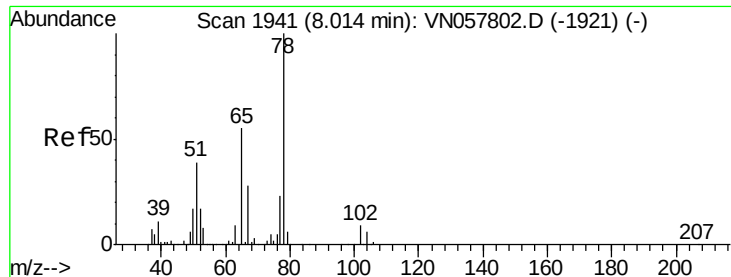


Abundance Ion 42.00 (41.70 to 42.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

Ion 71.00 (70.70 to 71.70): VNO

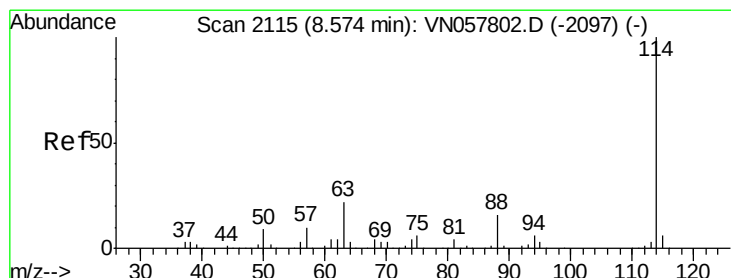
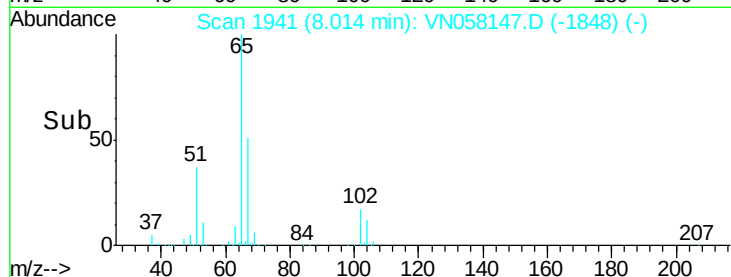
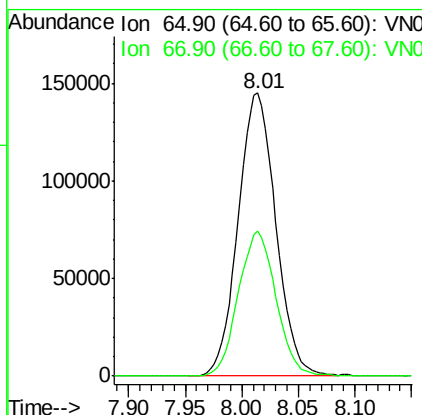
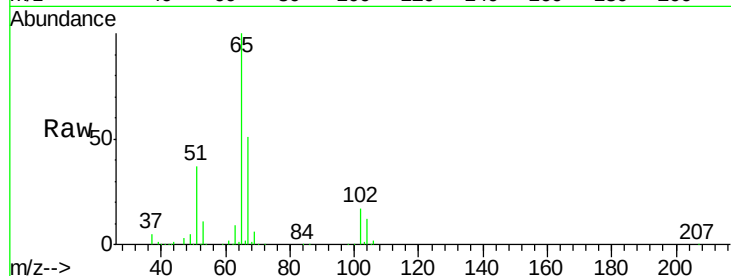




#33
 1,2-Dichloroethane-d4
 Concen: 46.406 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058147.D
 Acq: 17 Sep 2019 14:18

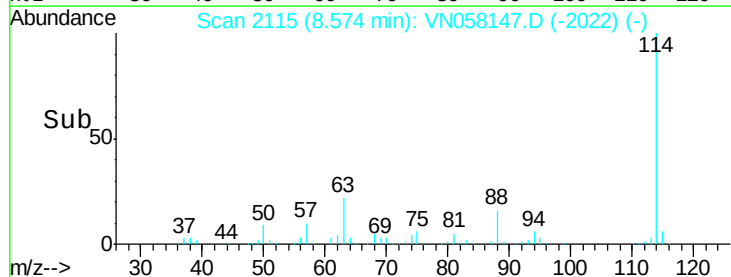
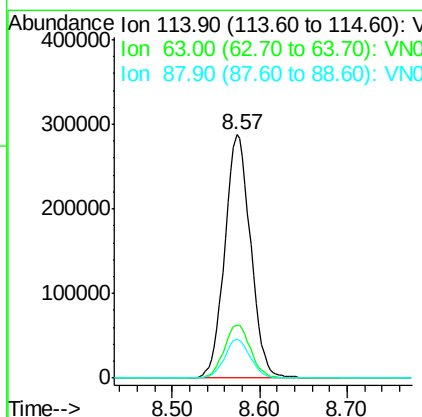
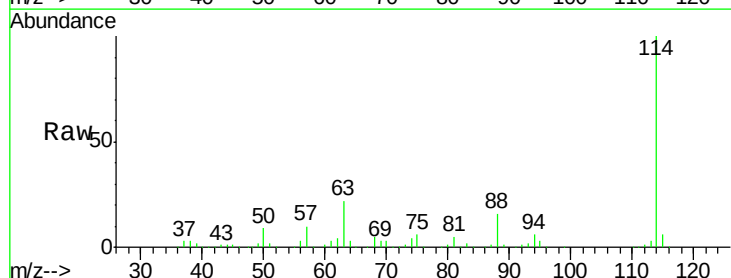
Instrument :
 MSVOA_N
 ClientSampleId :
 GRAB-40151

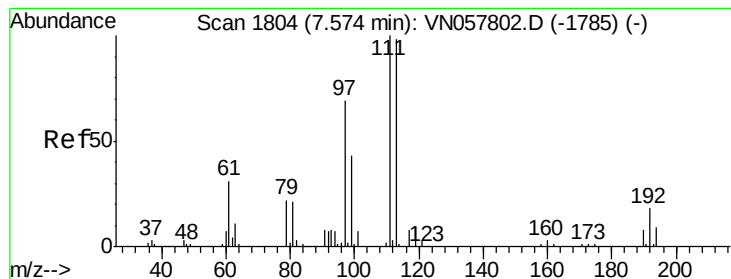
Tot Ion: 65 Resp: 336881
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058147.D
 Acq: 17 Sep 2019 14:18

Tgt Ion: 114 Resp: 591275
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 44.0
 88 15.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 43.331 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058147.D

Acq: 17 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampled :

GRAB-40151

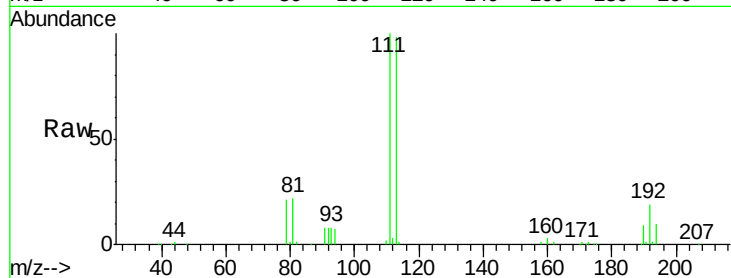
Tot Ion:113 Resp: 236468

Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

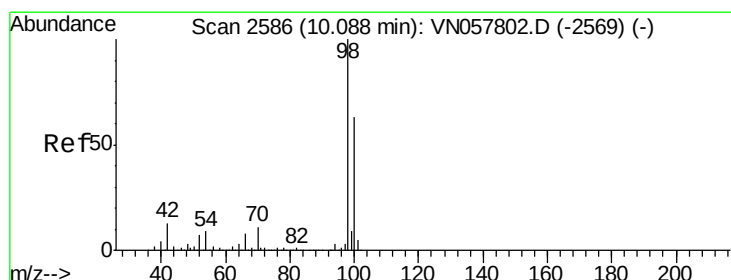
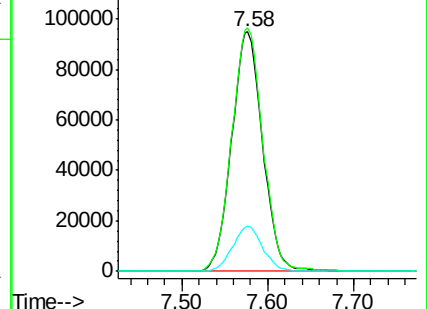
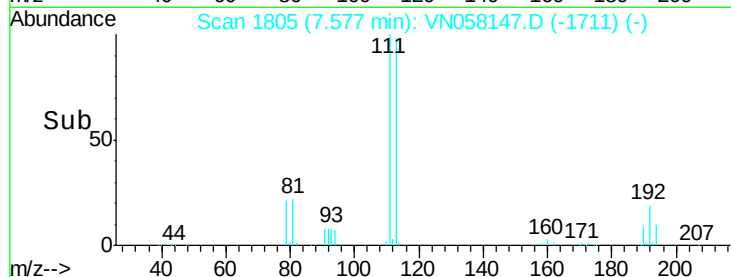
192 18.4 14.6 22.0



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



#50

Toluene-d8

Concen: 42.421 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058147.D

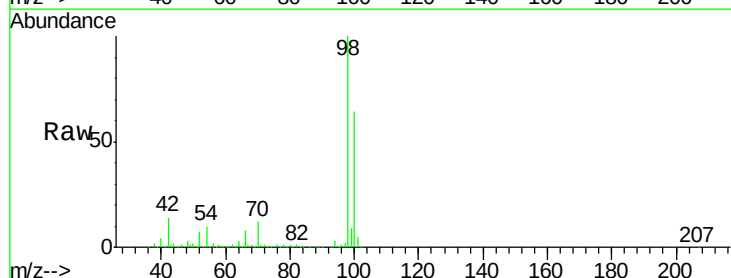
Acq: 17 Sep 2019 14:18

Tgt Ion: 98 Resp: 898803

Ion Ratio Lower Upper

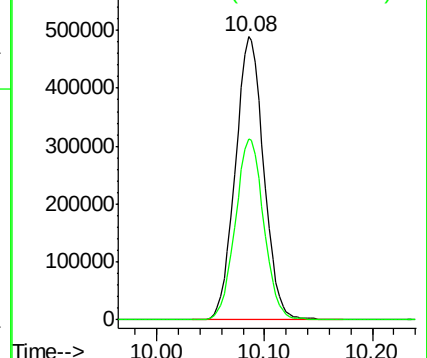
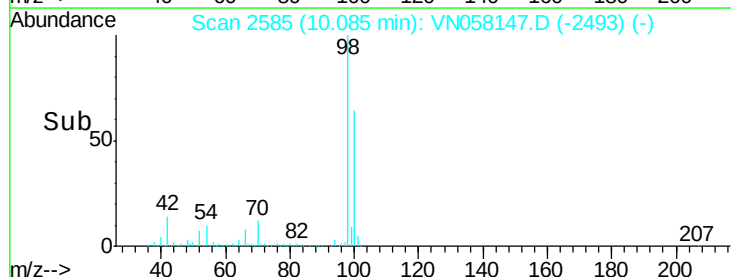
98 100

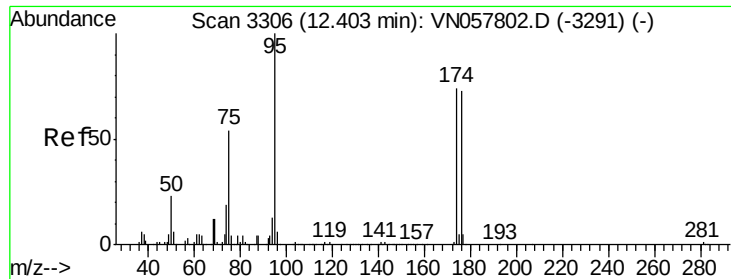
100 64.1 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

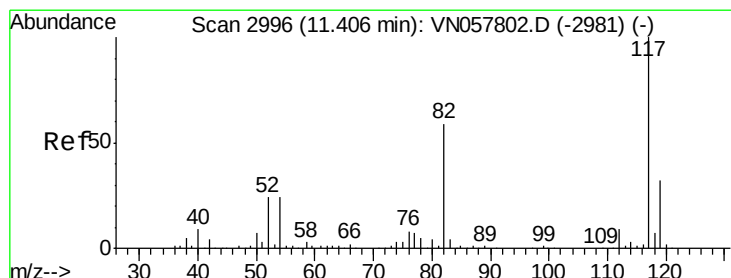
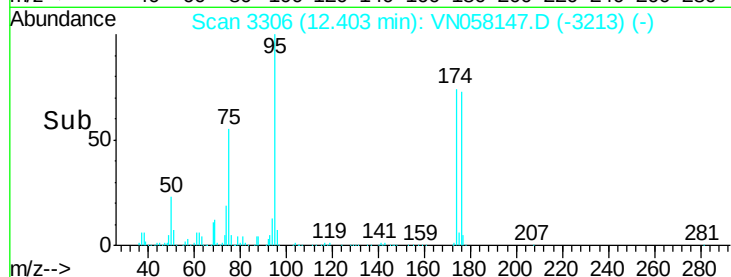
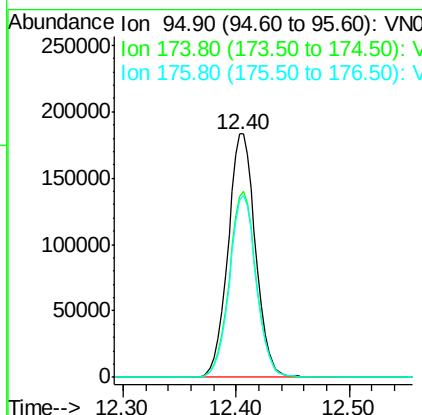
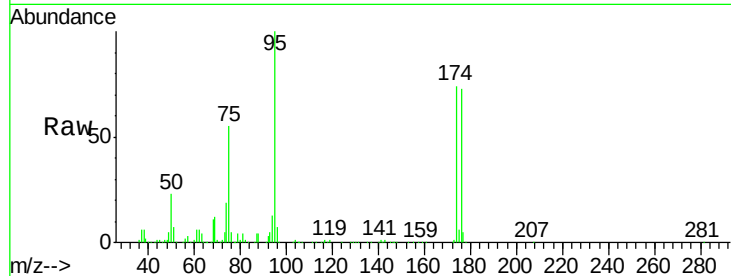




#62
4-Bromofluorobenzene
Concen: 38.356 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058147.D
Acq: 17 Sep 2019 14:18

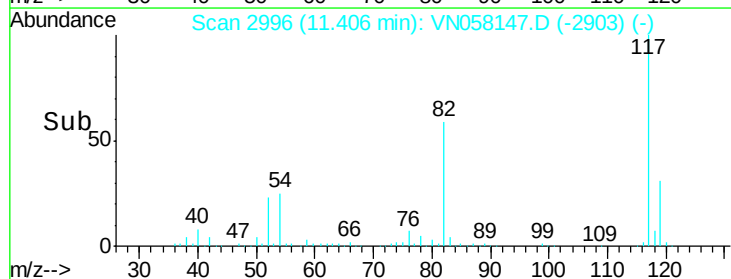
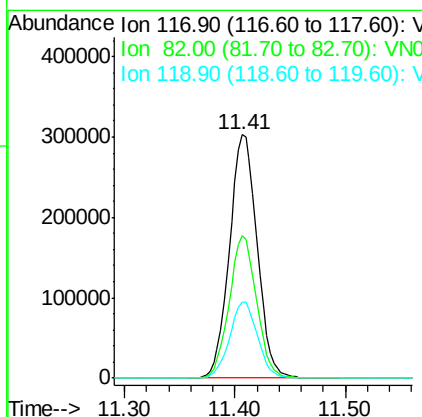
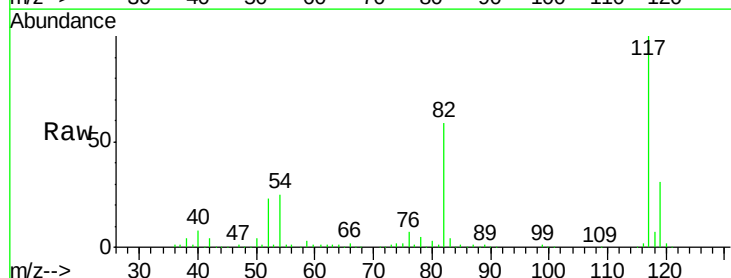
Instrument :
MSVOA_N
ClientSampleId :
GRAB-40151

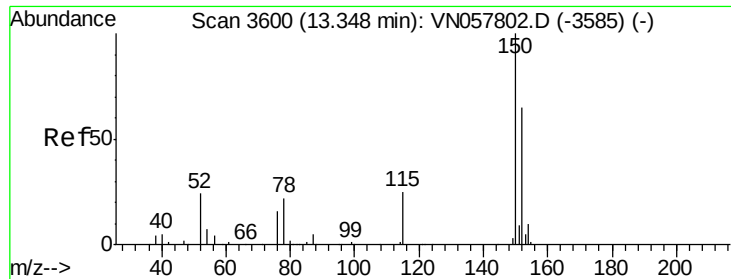
Tot Ion: 95 Resp: 309706
Ion Ratio Lower Upper
95 100
174 75.0 0.0 150.2
176 72.7 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058147.D
Acq: 17 Sep 2019 14:18

Tgt Ion: 117 Resp: 526012
Ion Ratio Lower Upper
117 100
82 58.8 47.2 70.8
119 31.3 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058147.D

Acq: 17 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

GRAB-40151

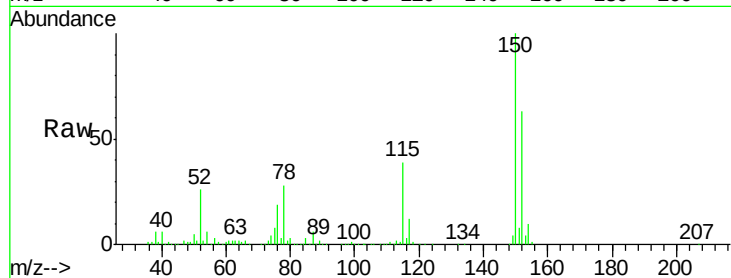
Tot Ion:152 Resp: 287966

Ion Ratio Lower Upper

152 100

115 60.4 30.3 91.0

150 156.2 0.0 352.4



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

