

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073119\
 Data File : VN057012.D
 Acq On : 31 Jul 2019 14:17
 Operator : JC/SP
 Sample : PB121844ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121844ZHE#08

Quant Time: Aug 01 01:59:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

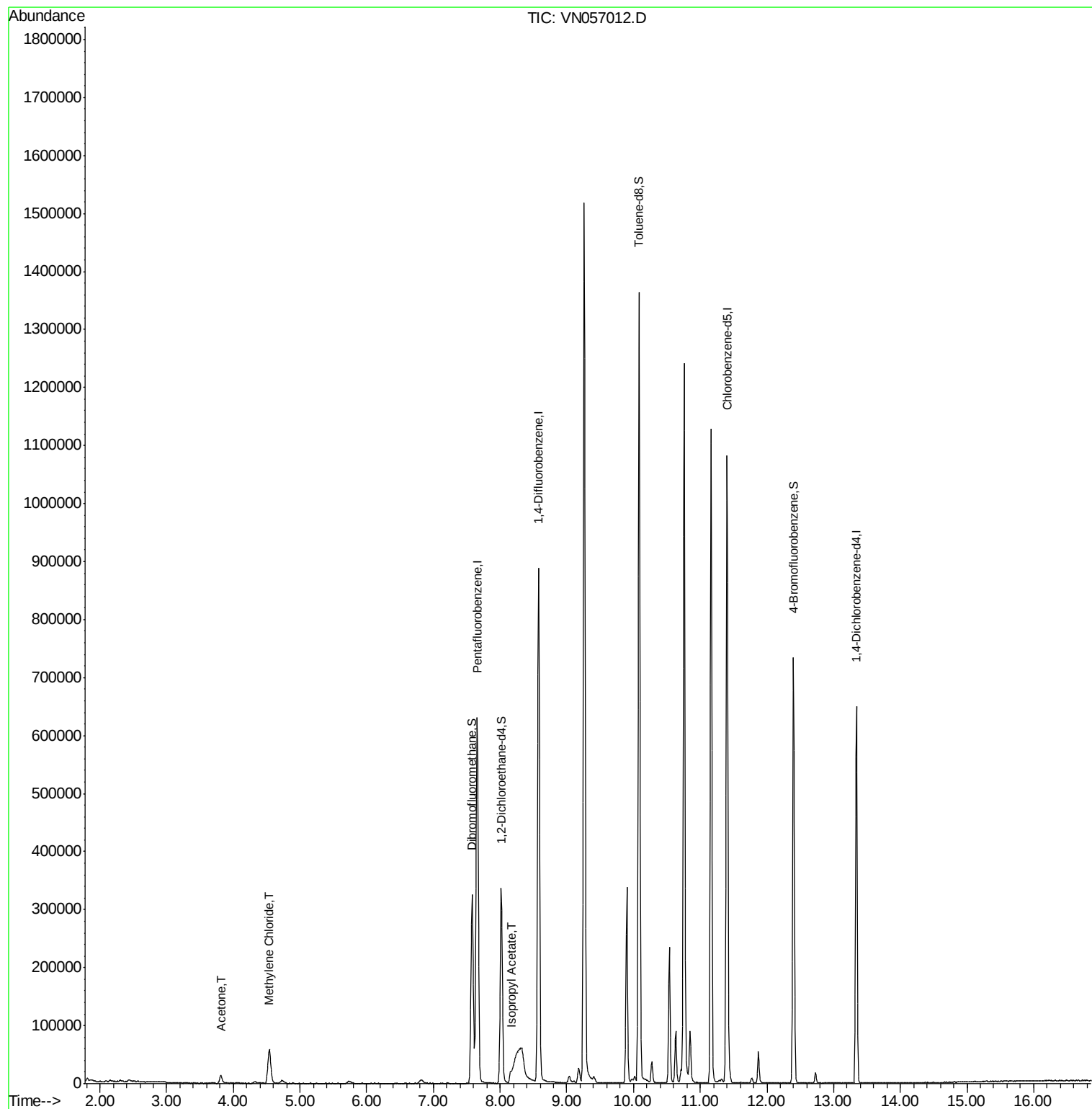
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	569016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	840854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	697061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	194102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	282712	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
35) Dibromofluoromethane	7.58	113	253317	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
50) Toluene-d8	10.08	98	993448	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
62) 4-Bromofluorobenzene	12.40	95	258849	38.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.46%	
Target Compounds						
16) Acetone	3.82	43	23714	11.238	ug/l	99
20) Methylene Chloride	4.54	84	48651	8.004	ug/l	93
43) Isopropyl Acetate	8.16	43	27074	2.764	ug/l #	85

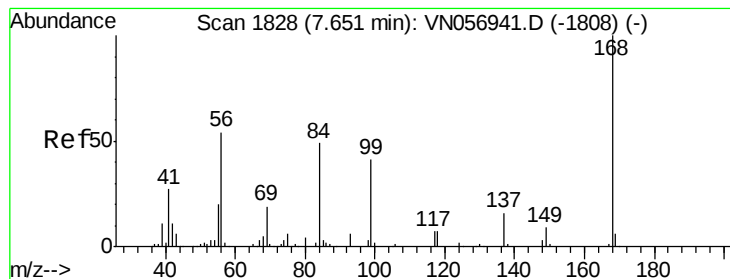
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN073119\
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057012.D

Acq: 31 Jul 2019 14:17

Instrument :

MSVOA_N

ClientSampleId :

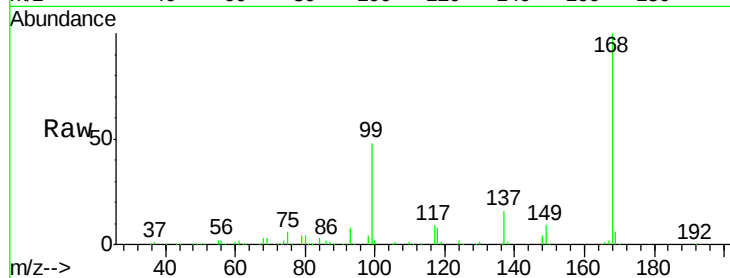
PB121844ZHE#08

Tot Ion:168 Resp: 569016

Ion Ratio Lower Upper

168 100

99 48.4 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

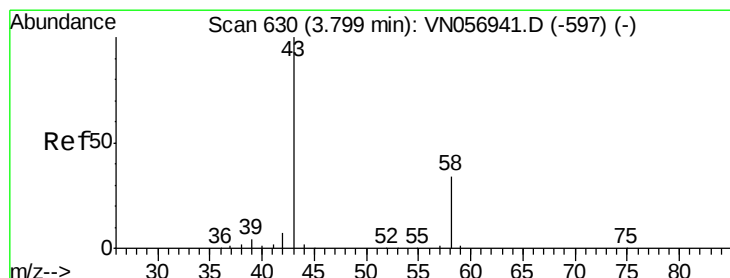
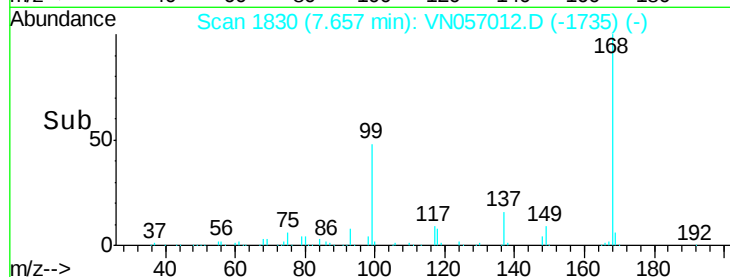
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 11.238 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.02 min

Lab File: VN057012.D

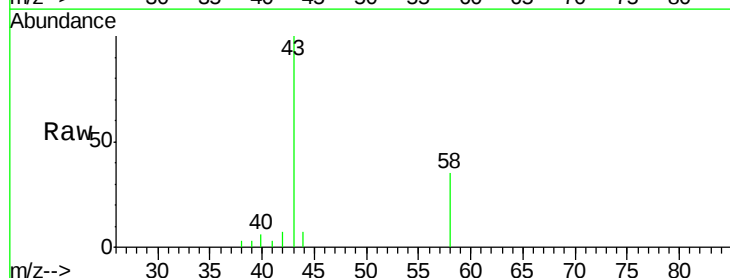
Acq: 31 Jul 2019 14:17

Tgt Ion: 43 Resp: 23714

Ion Ratio Lower Upper

43 100

58 34.7 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

10000

8000

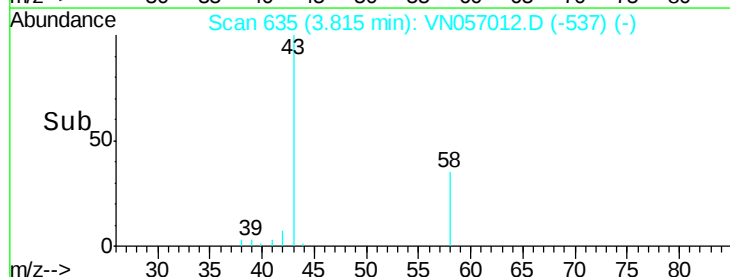
6000

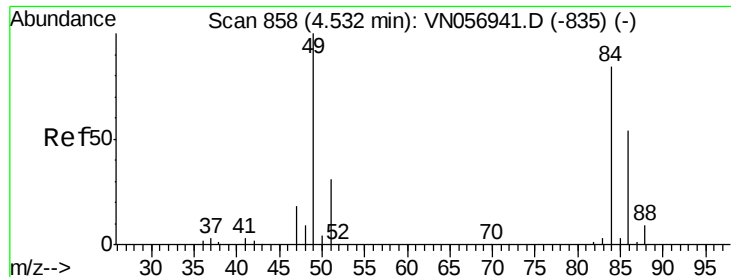
4000

2000

0

Time--> 3.70 3.80 3.90

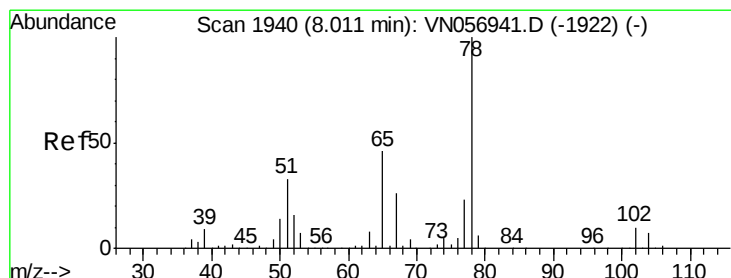
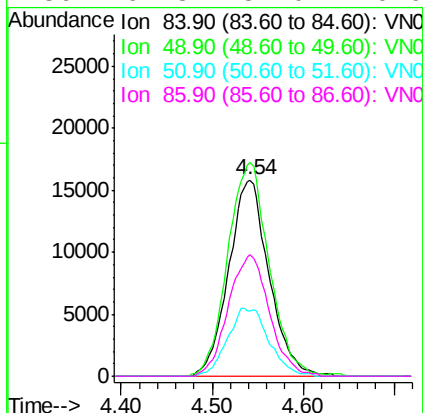
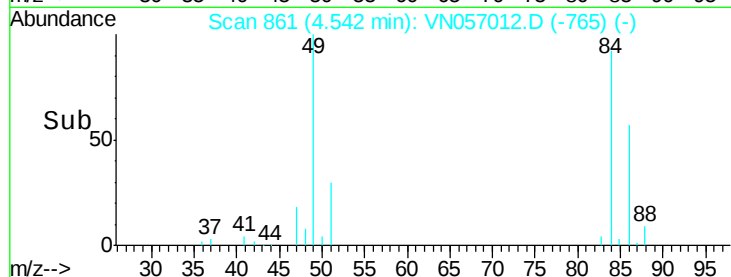
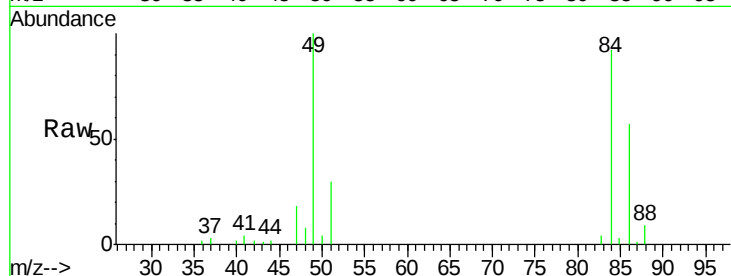




#20
Methvlene Chloride
Concen: 8.004 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN057012.D
Acq: 31 Jul 2019 14:17

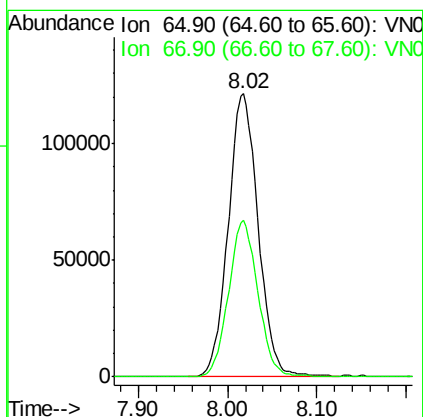
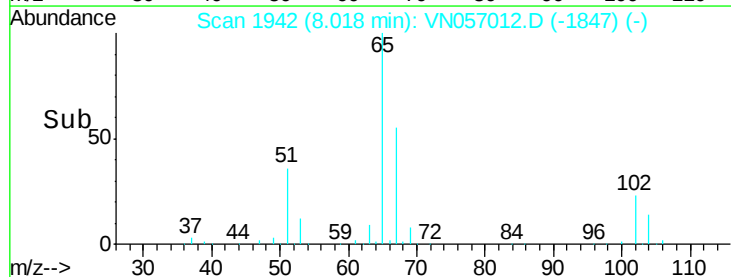
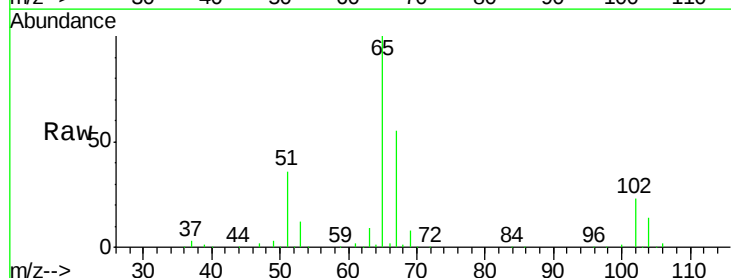
Instrument :
MSVOA_N
ClientSampleId :
PB121844ZHE#08

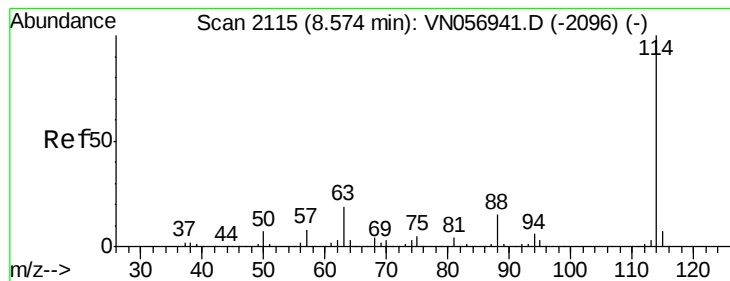
Tot Ion: 84 Resp: 48651
Ion Ratio Lower Upper
84 100
49 108.7 95.2 142.8
51 32.9 29.7 44.5
86 61.8 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 48.537 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.01 min
Lab File: VN057012.D
Acq: 31 Jul 2019 14:17

Tgt Ion: 65 Resp: 282712
Ion Ratio Lower Upper
65 100
67 54.4 0.0 112.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057012.D

Acq: 31 Jul 2019 14:17

Instrument :

MSVOA_N

ClientSampleId :

PB121844ZHE#08

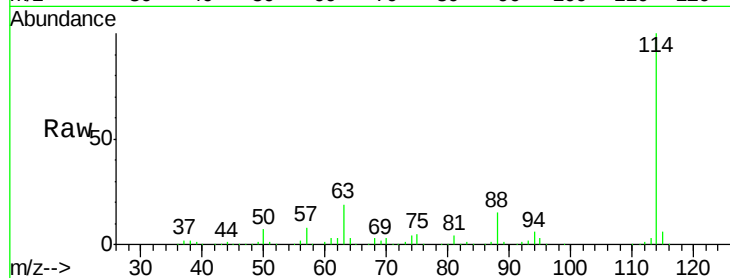
Tot Ion:114 Resp: 840854

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.0

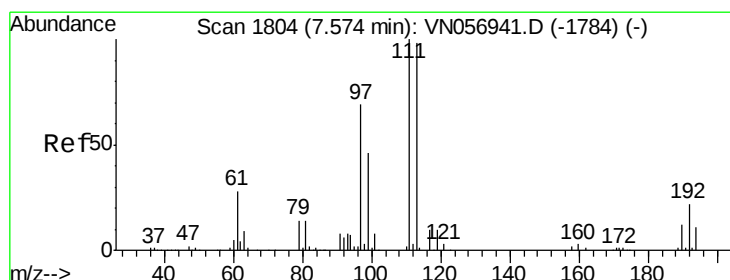
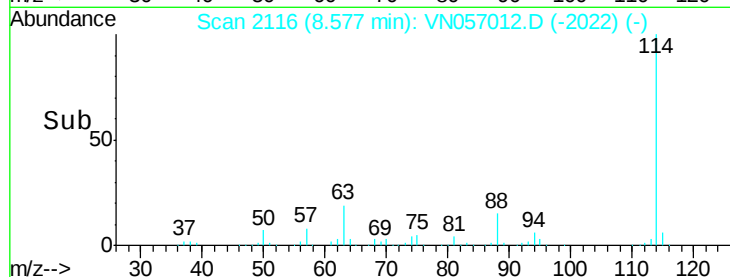
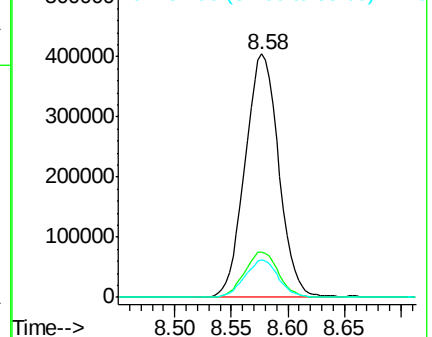
88 15.2 0.0 30.0



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: 47.060 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.01 min

Lab File: VN057012.D

Acq: 31 Jul 2019 14:17

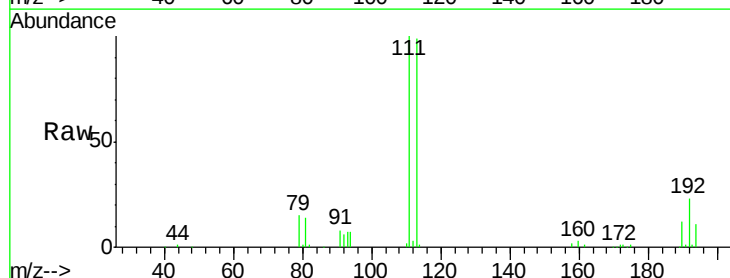
Tgt Ion:113 Resp: 253317

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

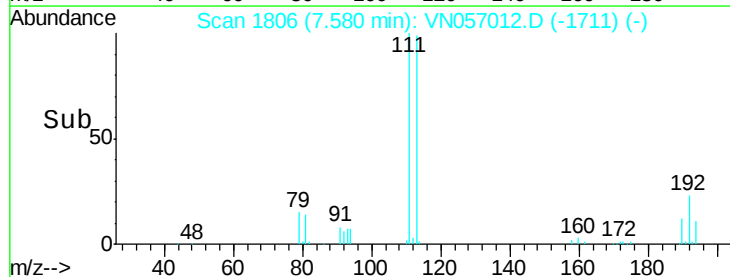
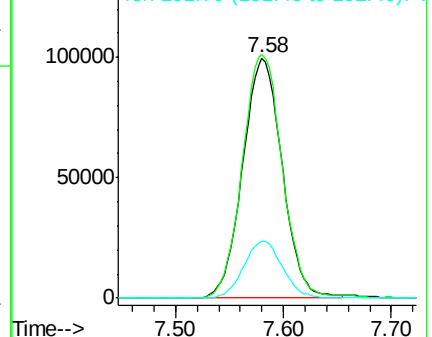
192 23.3 18.4 27.6

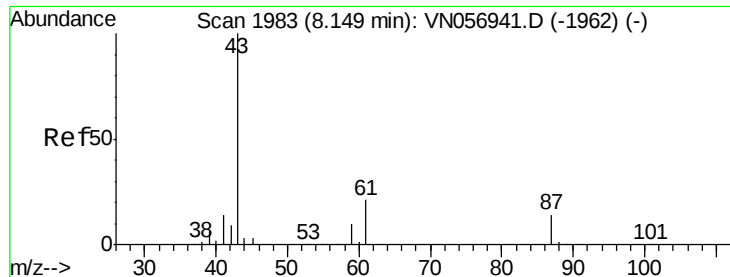


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.764 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN057012.D

Acq: 31 Jul 2019 14:17

Instrument :

MSVOA_N

ClientSampleId :

PB121844ZHE#08

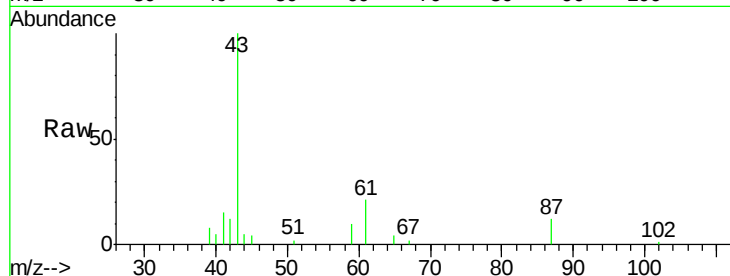
Tot Ion: 43 Resp: 27074

Ion Ratio Lower Upper

43 100

61 19.0 23.0 34.6#

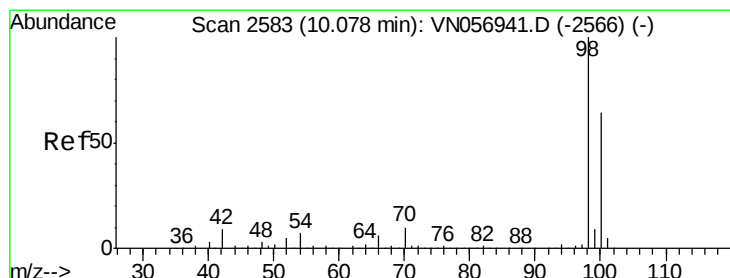
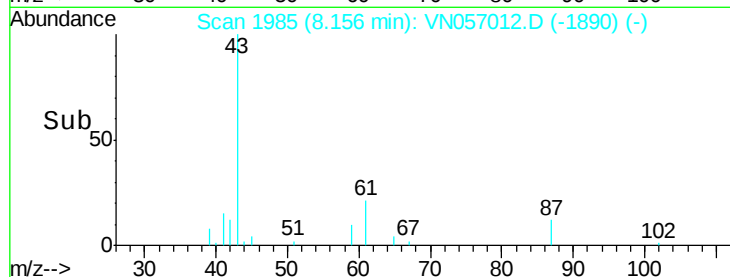
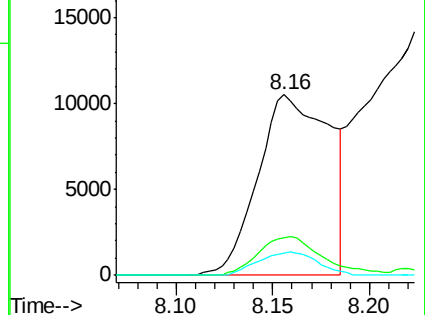
87 10.6 11.7 17.5#



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: 48.396 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057012.D

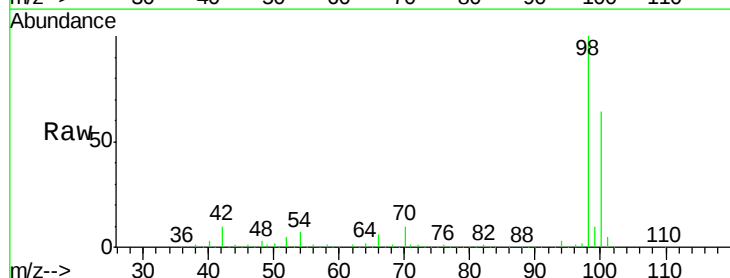
Acq: 31 Jul 2019 14:17

Tgt Ion: 98 Resp: 993448

Ion Ratio Lower Upper

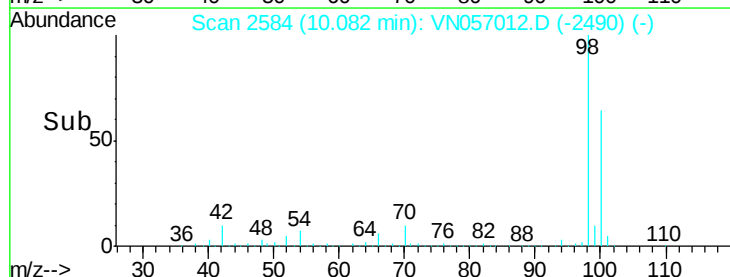
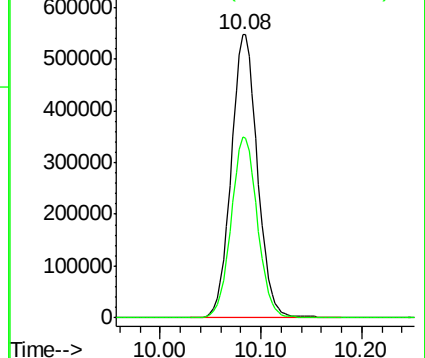
98 100

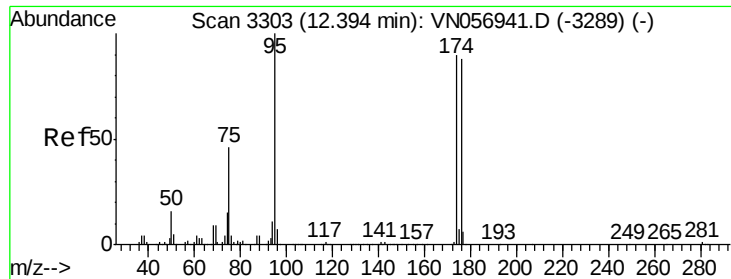
100 63.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

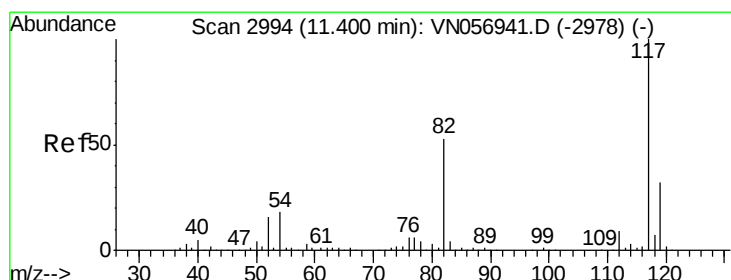
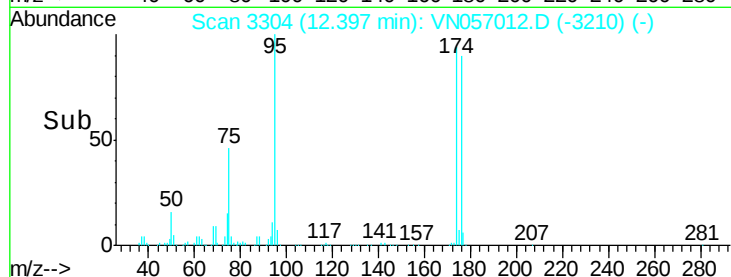
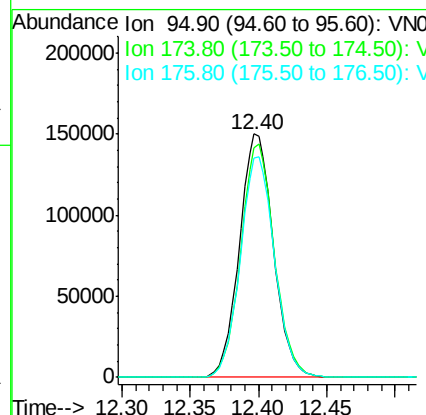
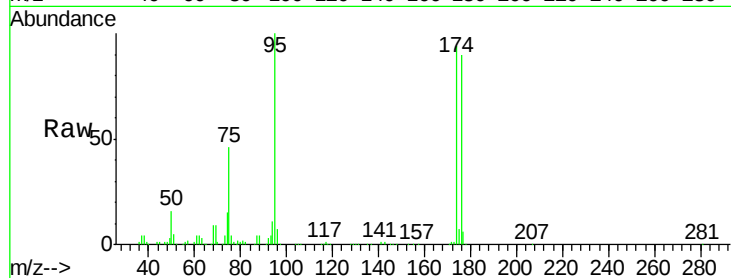




#62
4-Bromofluorobenzene
Concen: 38.735 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN057012.D
Acq: 31 Jul 2019 14:17

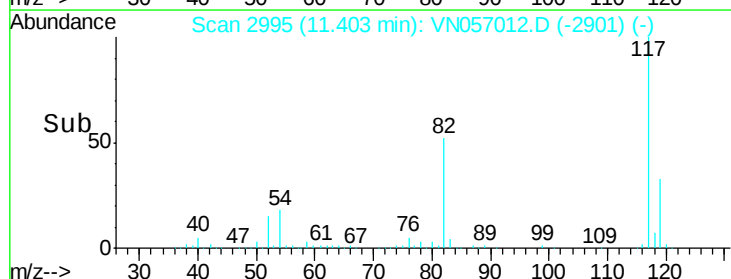
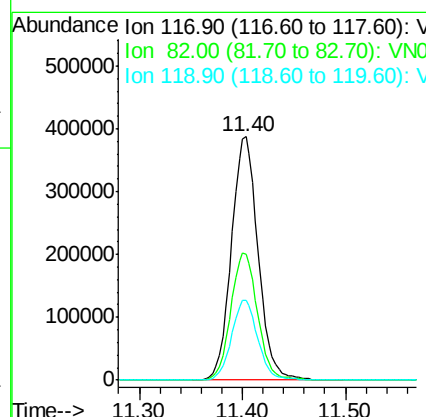
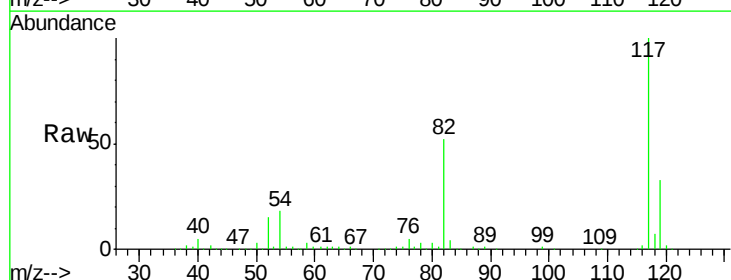
Instrument :
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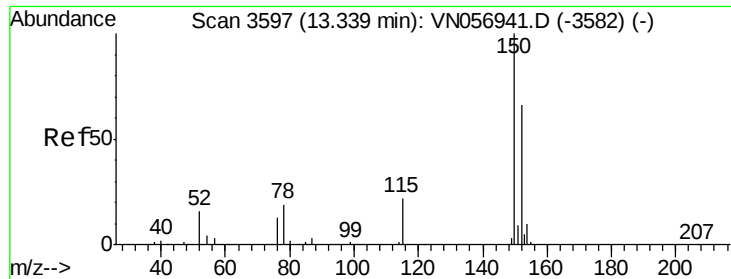
Tot Ion: 95 Resp: 258849
Ion Ratio Lower Upper
95 100
174 95.2 0.0 182.2
176 91.3 0.0 179.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057012.D
Acq: 31 Jul 2019 14:17

Tgt Ion: 117 Resp: 697061
Ion Ratio Lower Upper
117 100
82 51.9 42.2 63.4
119 33.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057012.D

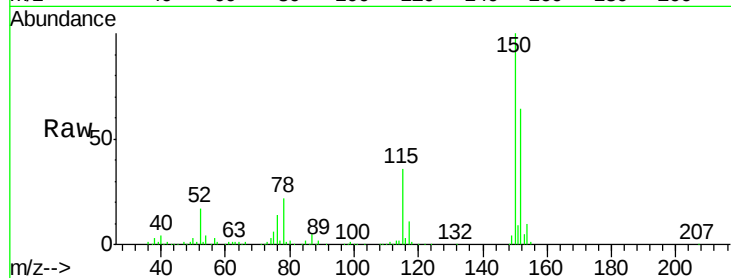
Acq: 31 Jul 2019 14:17

Instrument :

MSVOA_N

ClientSampleId :

PB121844ZHE#08



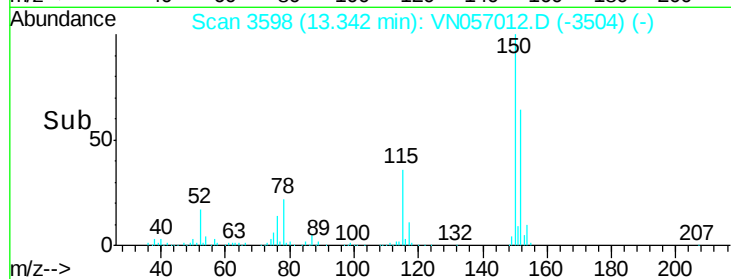
Tot Ion:152 Resp: 194102

Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.6

150 156.4 0.0 349.4



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

