

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073119\
 Data File : VN057011.D
 Acq On : 31 Jul 2019 13:54
 Operator : JC/SP
 Sample : PB121844ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121844ZHE#07

Quant Time: Aug 01 01:57:15 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

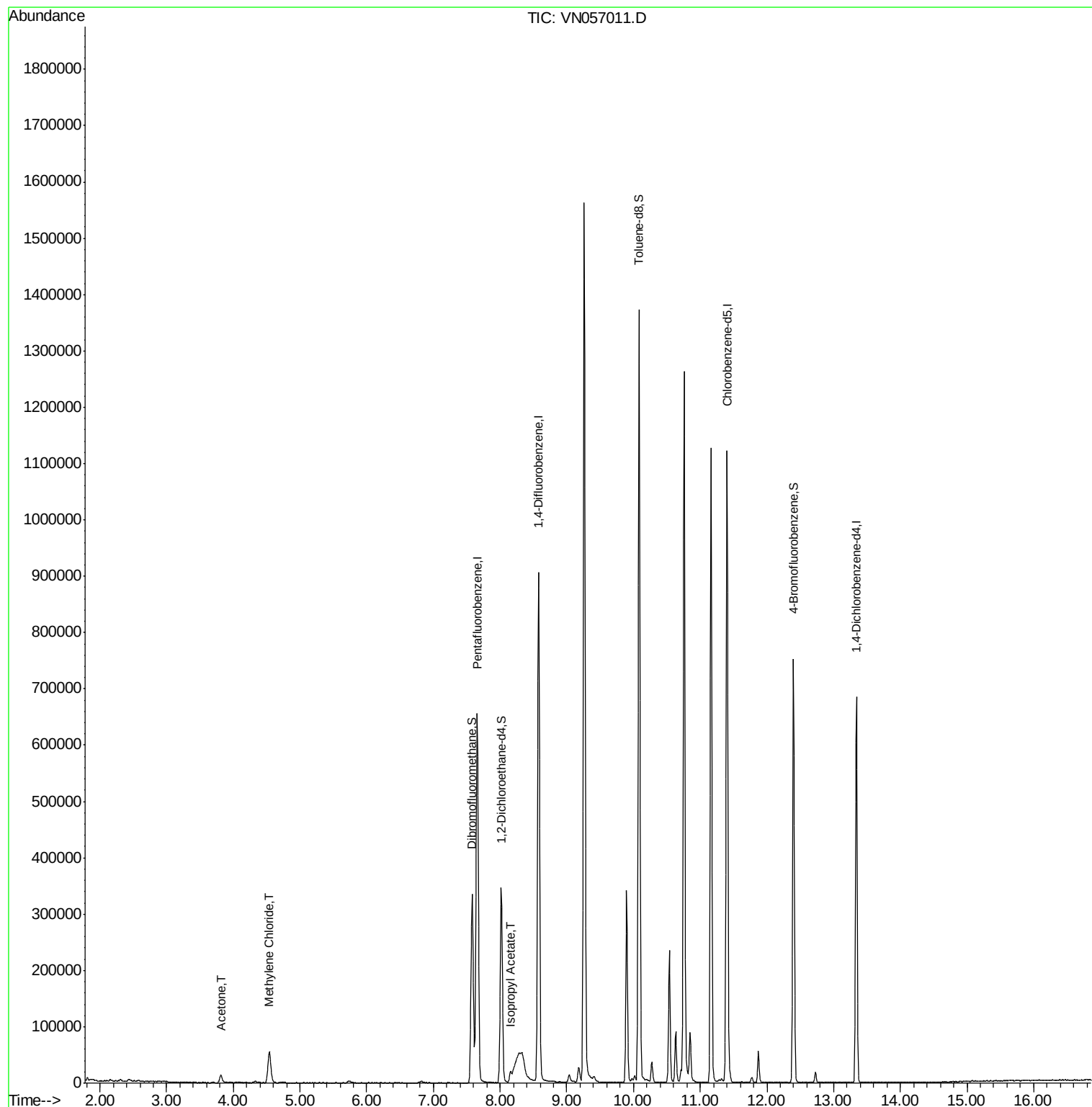
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	578759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	854474	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	722245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	206236	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	292337	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
35) Dibromofluoromethane	7.58	113	259003	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
50) Toluene-d8	10.08	98	1016539	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	12.40	95	268753	39.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.16%	
Target Compounds						
16) Acetone	3.81	43	23783	11.081	ug/l	94
20) Methylene Chloride	4.54	84	45525	7.364	ug/l	95
43) Isopropyl Acetate	8.16	43	22327	2.243	ug/l	93

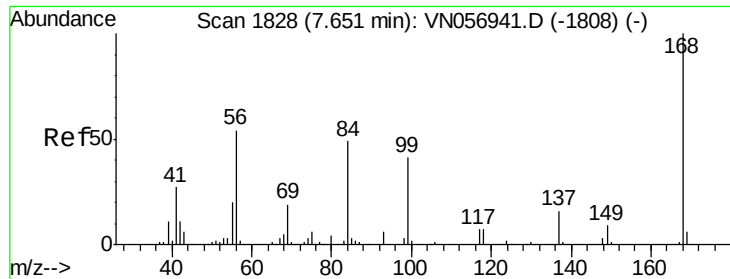
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN073119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057011.D

Acq: 31 Jul 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

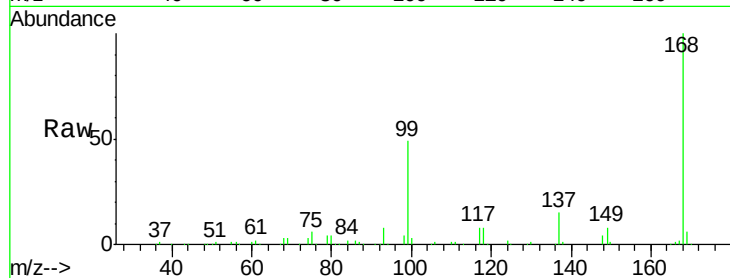
PB121844ZHE#07

Tot Ion:168 Resp: 578759

Ion Ratio Lower Upper

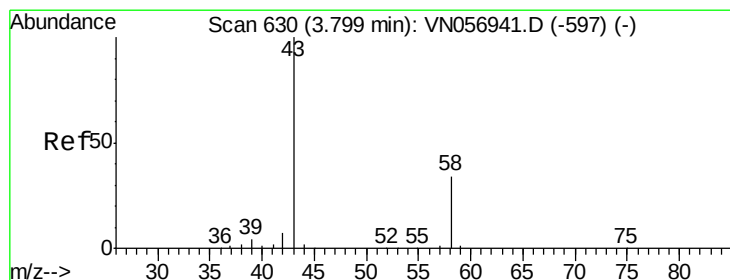
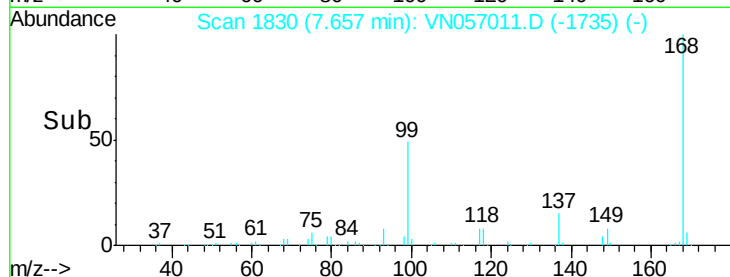
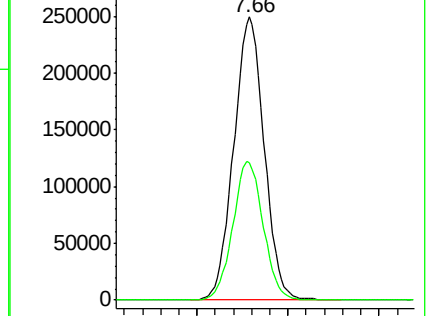
168 100

99 48.5 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 11.081 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057011.D

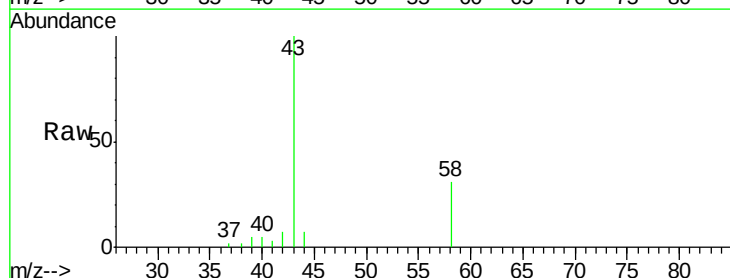
Acq: 31 Jul 2019 13:54

Tgt Ion: 43 Resp: 23783

Ion Ratio Lower Upper

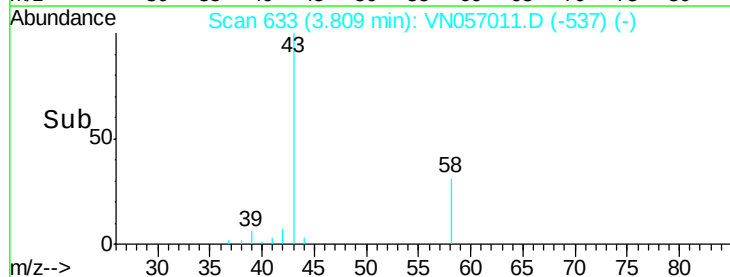
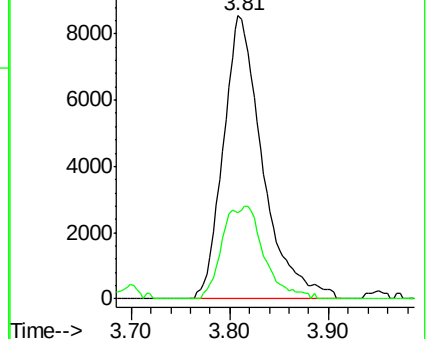
43 100

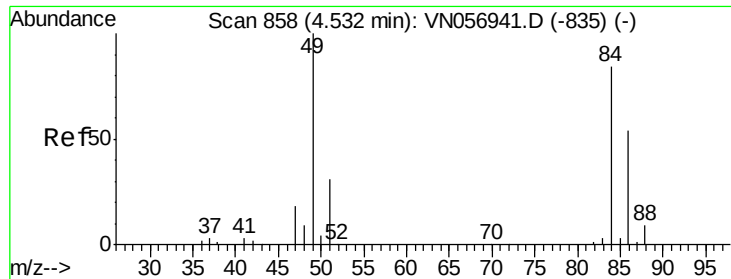
58 30.6 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

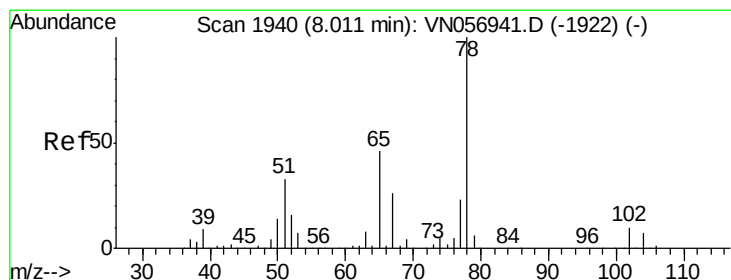
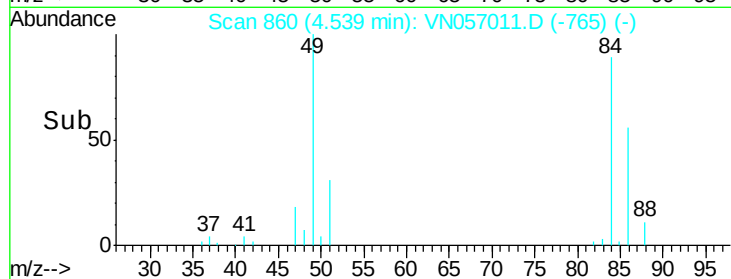
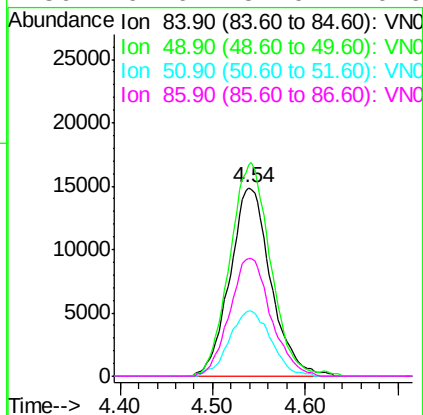
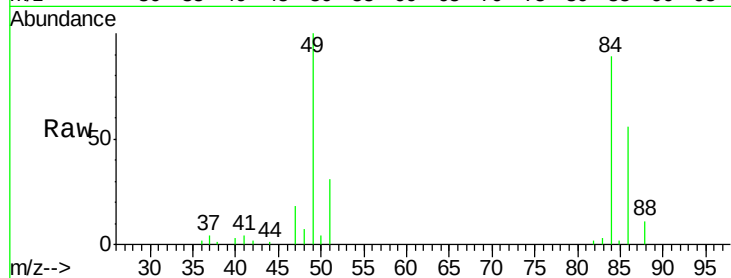




#20
Methylene Chloride
Concen: 7.364 ug/l
RT: 4.54 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN057011.D
Acq: 31 Jul 2019 13:54

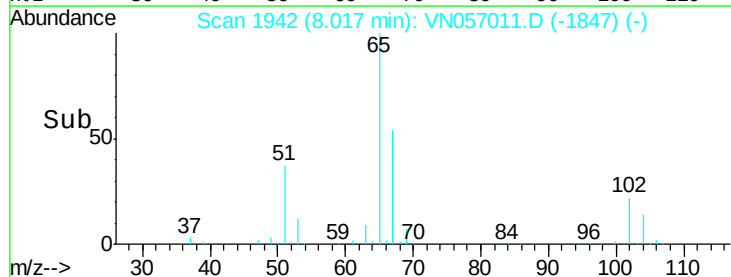
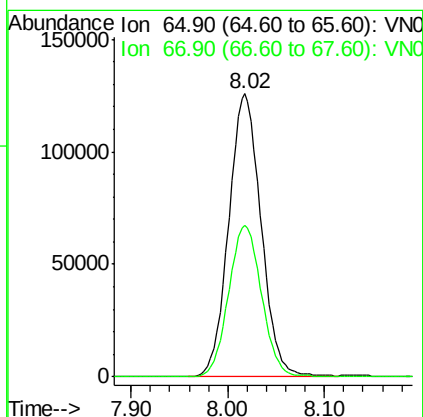
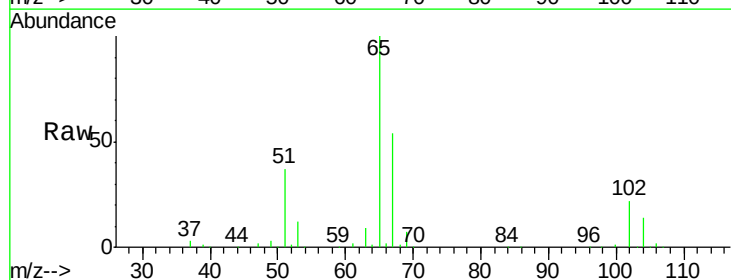
Instrument :
MSVOA_N
ClientSampleId :
PB121844ZHE#07

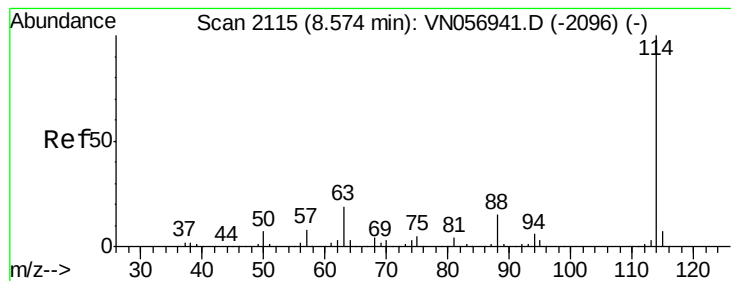
Tot Ion: 84 Resp: 45525
Ion Ratio Lower Upper
84 100
49 111.8 95.2 142.8
51 34.7 29.7 44.5
86 62.6 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 49.344 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.01 min
Lab File: VN057011.D
Acq: 31 Jul 2019 13:54

Tgt Ion: 65 Resp: 292337
Ion Ratio Lower Upper
65 100
67 54.6 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: VN057011.D

Acq: 31 Jul 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

PB121844ZHE#07

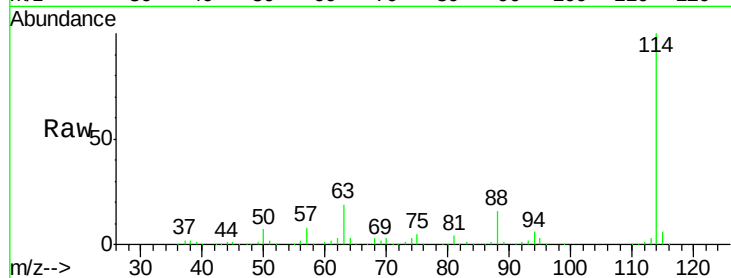
Tot Ion:114 Resp: 854474

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.0

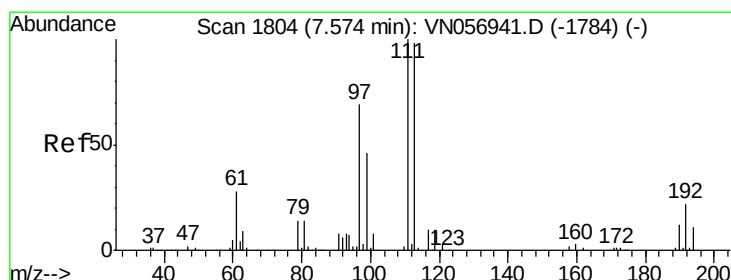
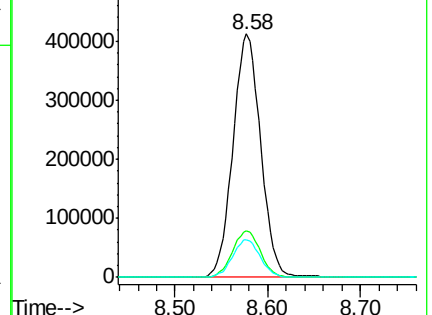
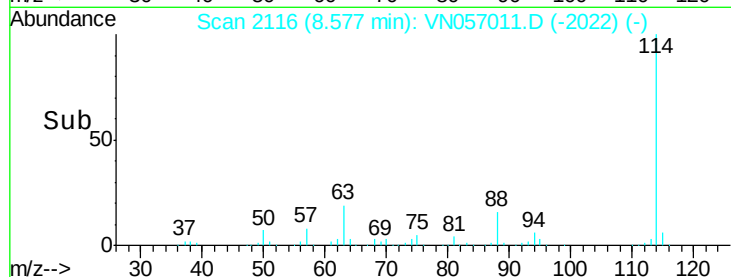
88 15.7 0.0 30.0



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: 47.349 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.01 min

Lab File: VN057011.D

Acq: 31 Jul 2019 13:54

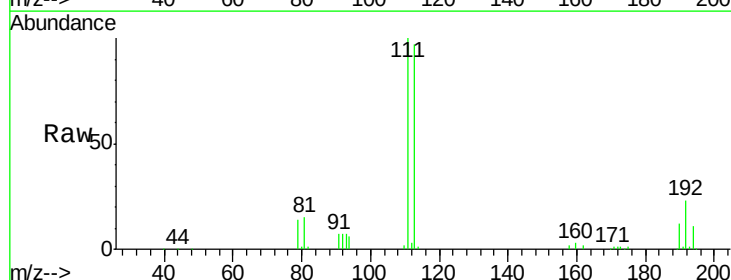
Tgt Ion:113 Resp: 259003

Ion Ratio Lower Upper

113 100

111 103.8 82.0 123.0

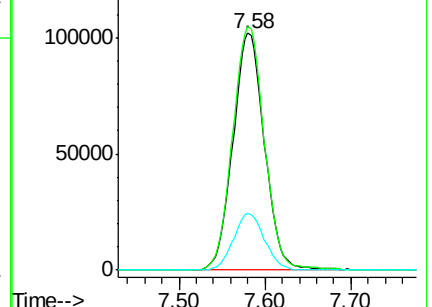
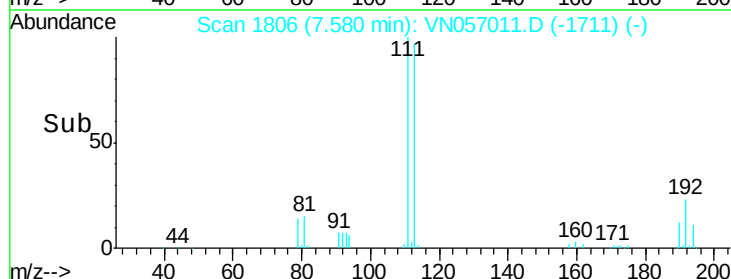
192 23.6 18.4 27.6

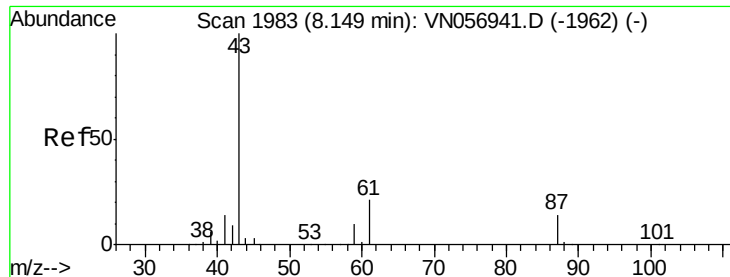


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.243 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.01 min

Lab File: VN057011.D

Acq: 31 Jul 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

PB121844ZHE#07

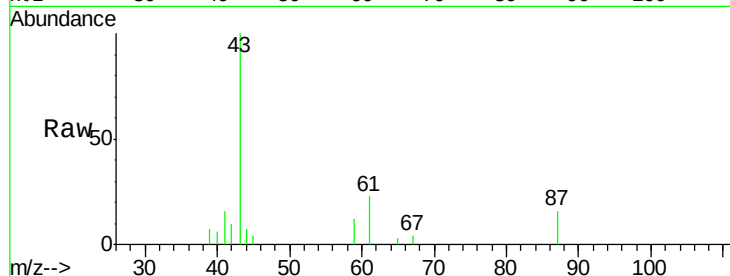
Tot Ion: 43 Resp: 22327

Ion Ratio Lower Upper

43 100

61 23.6 23.0 34.6

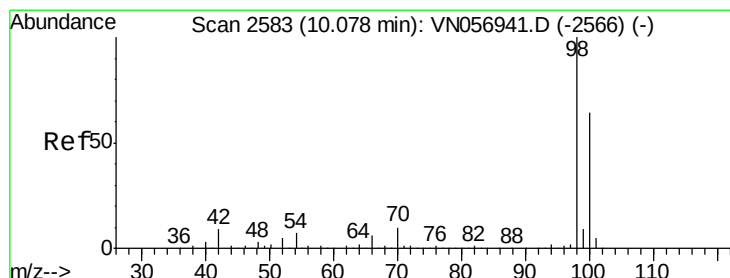
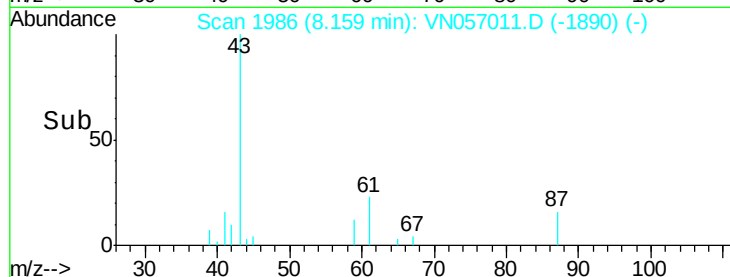
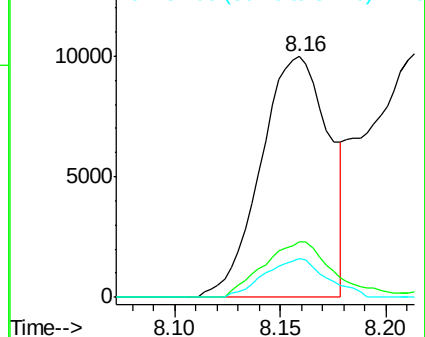
87 14.7 11.7 17.5



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: 48.732 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.01 min

Lab File: VN057011.D

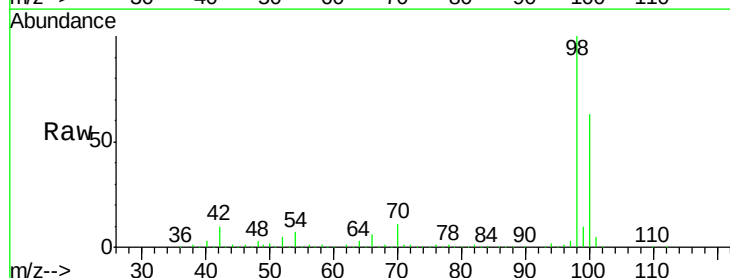
Acq: 31 Jul 2019 13:54

Tgt Ion: 98 Resp: 1016539

Ion Ratio Lower Upper

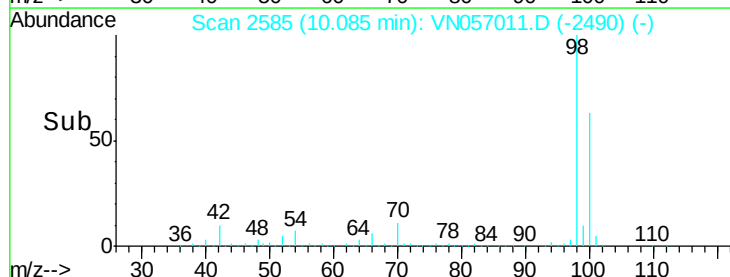
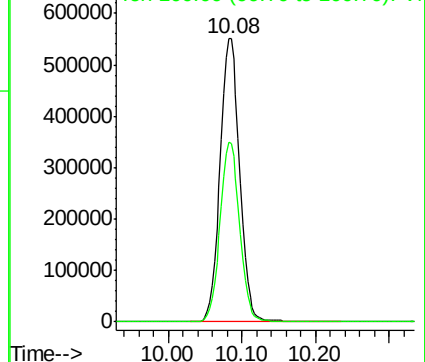
98 100

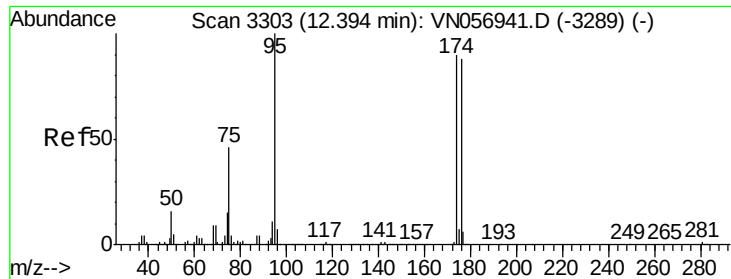
100 63.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

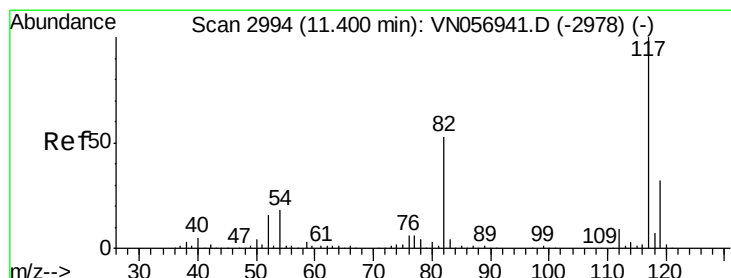
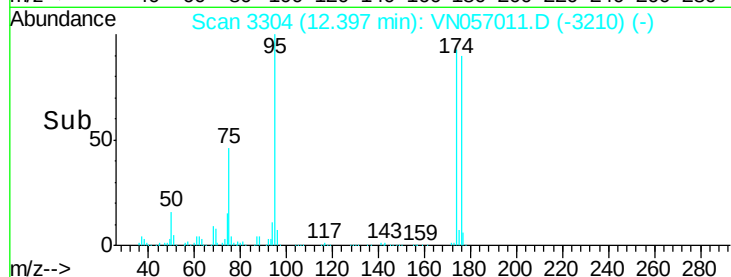
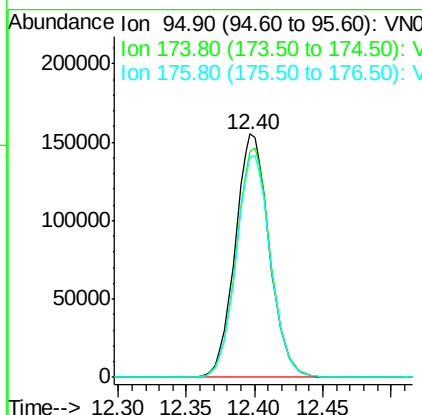
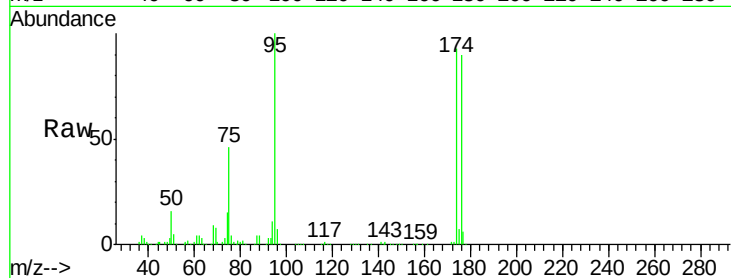




#62
4-Bromofluorobenzene
Concen: 39.576 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN057011.D
Acq: 31 Jul 2019 13:54

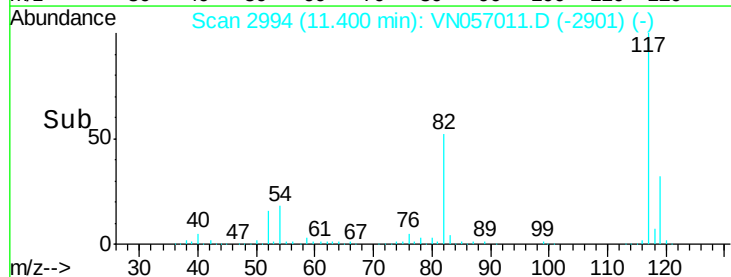
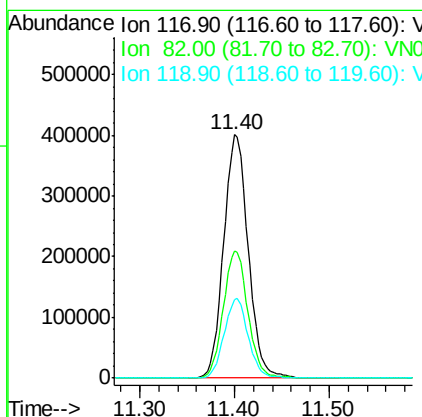
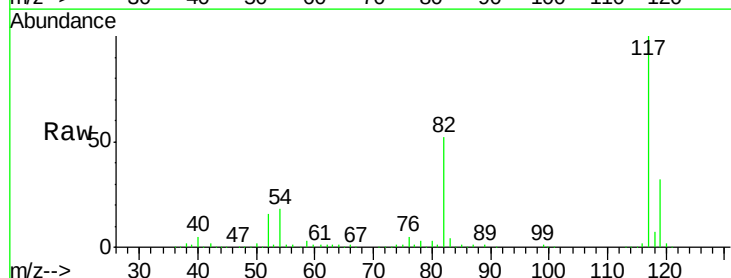
Instrument :
MSVOA_N
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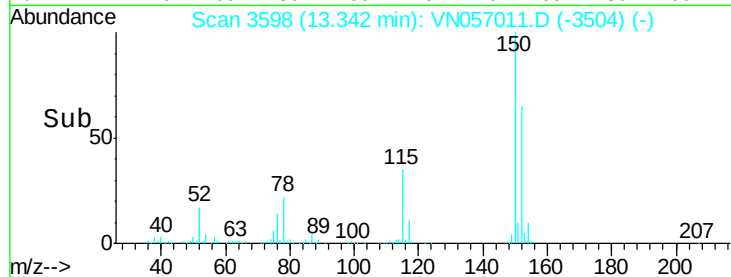
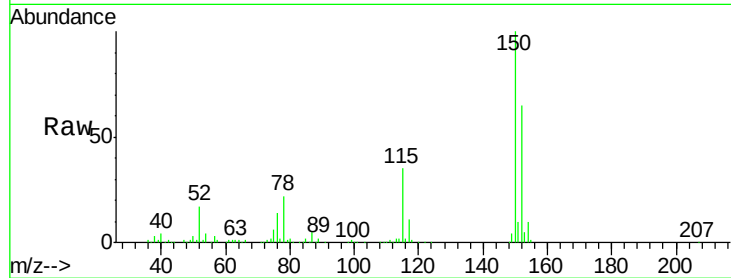
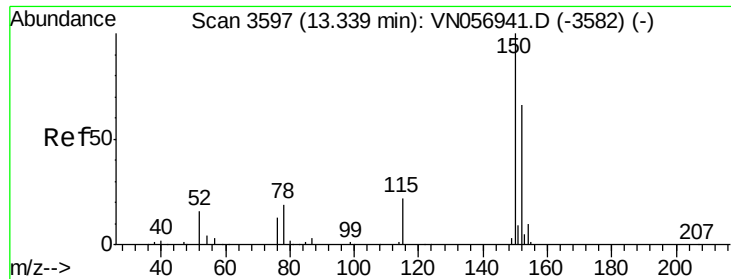
Tot Ion: 95 Resp: 268753
Ion Ratio Lower Upper
95 100
174 94.7 0.0 182.2
176 91.5 0.0 179.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN057011.D
Acq: 31 Jul 2019 13:54

Tgt Ion: 117 Resp: 722245
Ion Ratio Lower Upper
117 100
82 52.4 42.2 63.4
119 32.4 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: VN057011.D

Acq: 31 Jul 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

PB121844ZHE#07

Tot Ion:152 Resp: 206236

Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.6

150 154.7 0.0 349.4

