

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073119\
 Data File : VN057003.D
 Acq On : 31 Jul 2019 10:48
 Operator : JC/SP
 Sample : PB121844TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121844TB

Quant Time: Aug 01 01:39:40 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

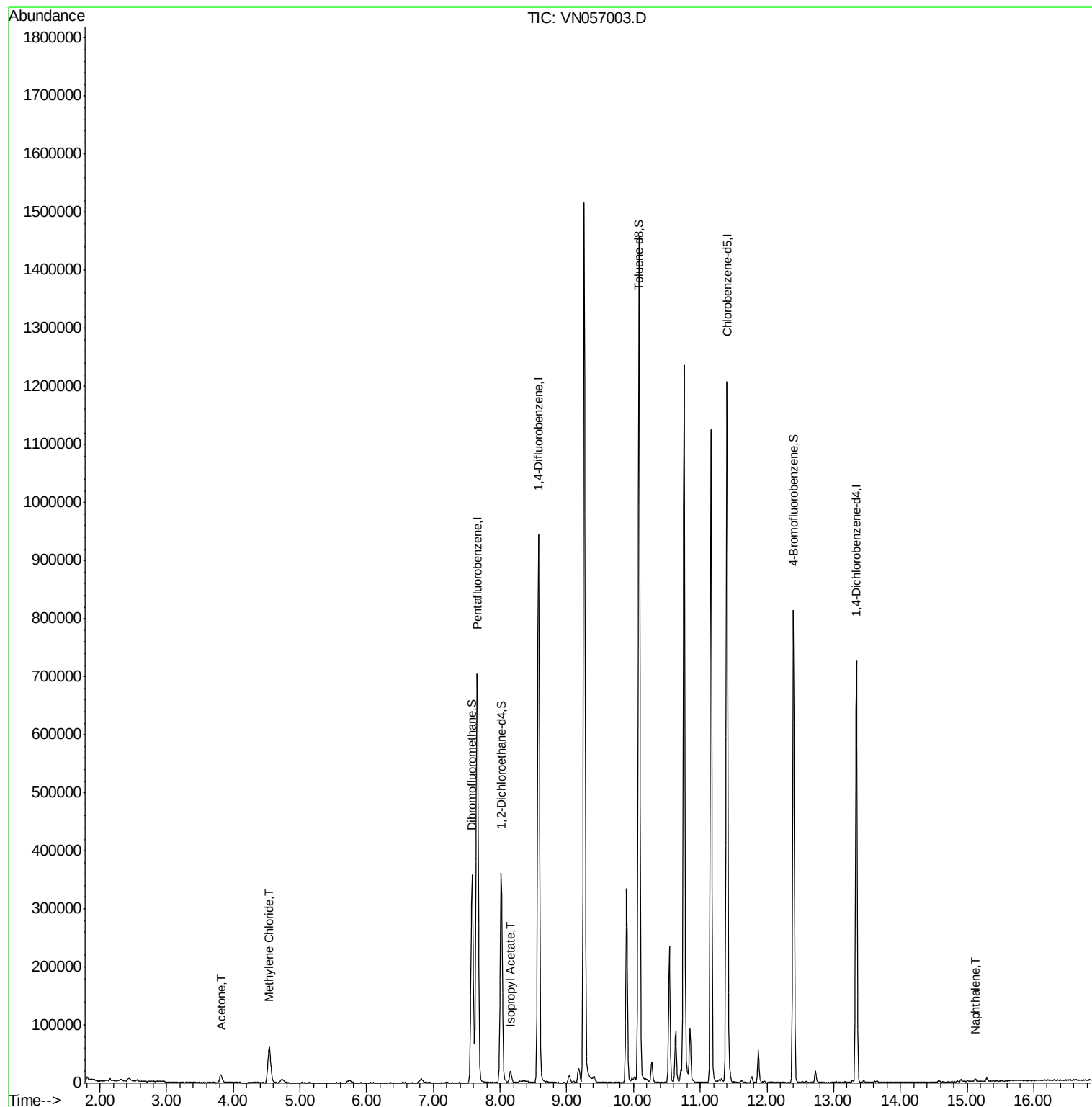
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	620483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	900141	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	776473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	215276	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	305946	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
35) Dibromofluoromethane	7.58	113	276696	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
50) Toluene-d8	10.08	98	1073945	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.40	95	290807	40.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.30%	
Target Compounds						
16) Acetone	3.81	43	25270	10.982	ug/l	99
20) Methylene Chloride	4.54	84	49806	7.514	ug/l	99
43) Isopropyl Acetate	8.16	43	22429	2.139	ug/l #	91
95) Naphthalene	15.12	128	5266	4.122	ug/l	97

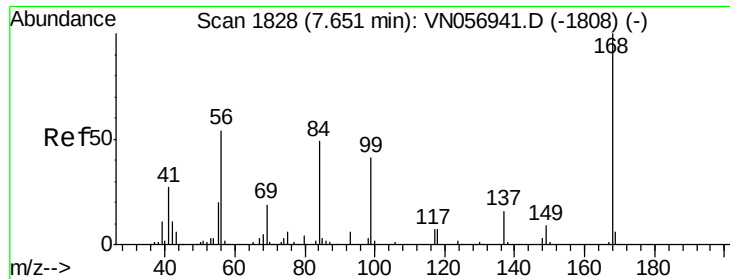
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057003.D

Acq: 31 Jul 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

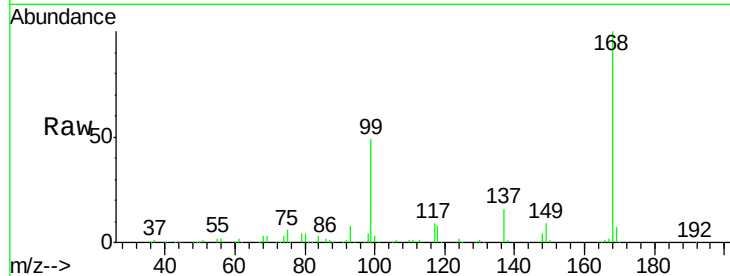
PB121844TB

Tot Ion:168 Resp: 620483

Ion Ratio Lower Upper

168 100

99 48.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

250000

200000

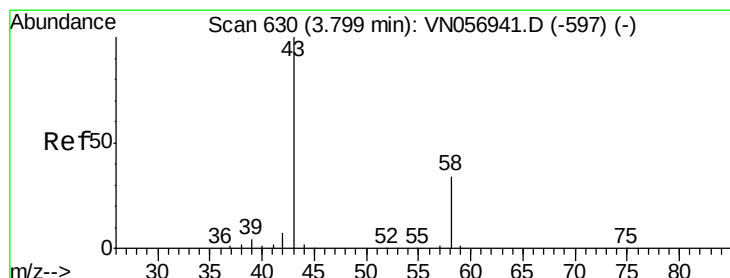
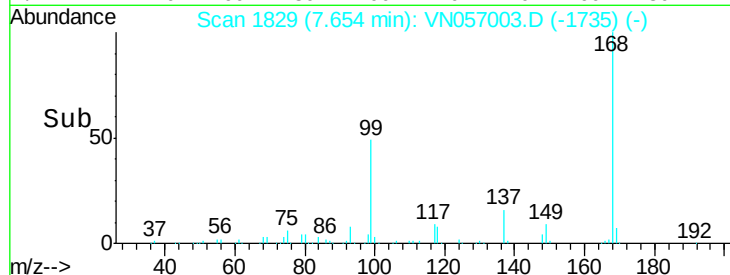
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.982 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057003.D

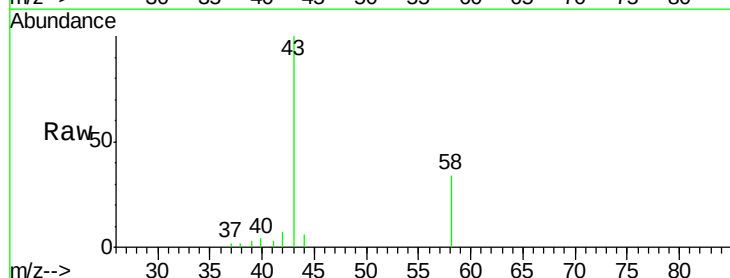
Acq: 31 Jul 2019 10:48

Tgt Ion: 43 Resp: 25270

Ion Ratio Lower Upper

43 100

58 34.3 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

10000

8000

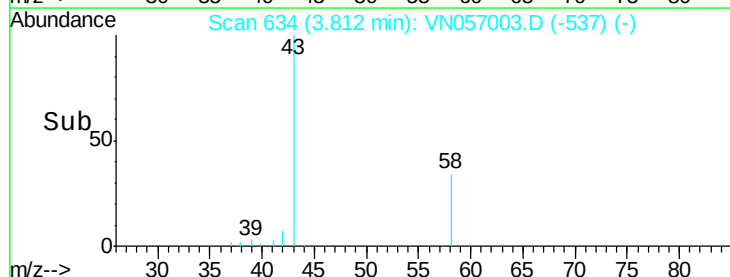
6000

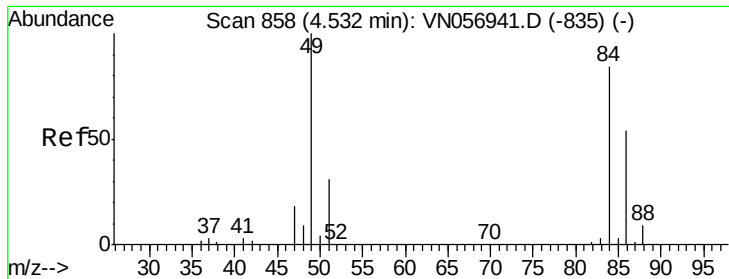
4000

2000

0

Time-->

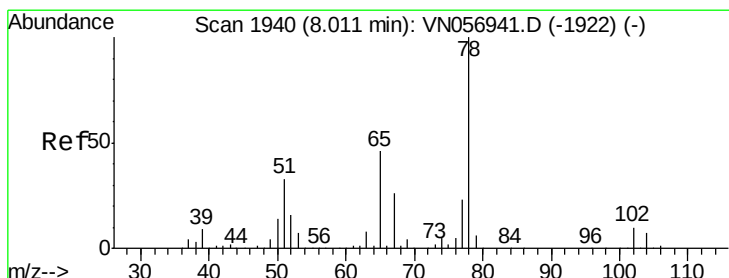
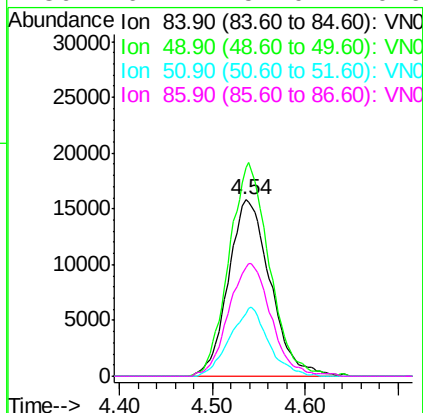
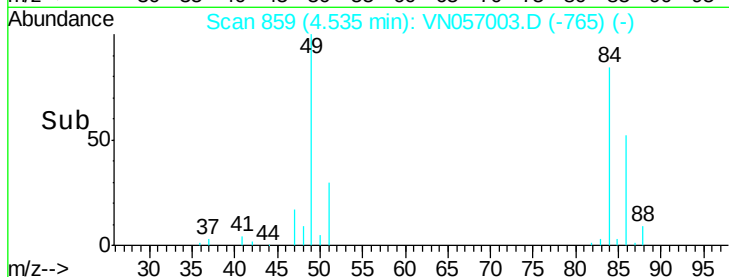
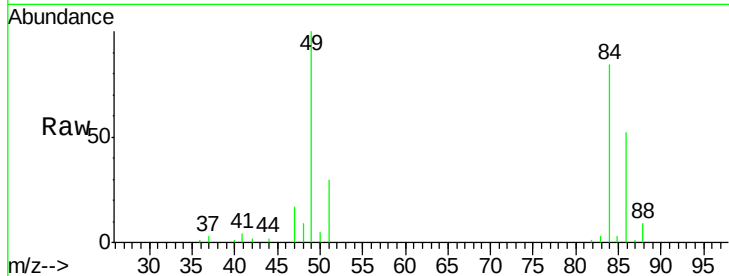




#20
Methvlene Chloride
Concen: 7.514 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

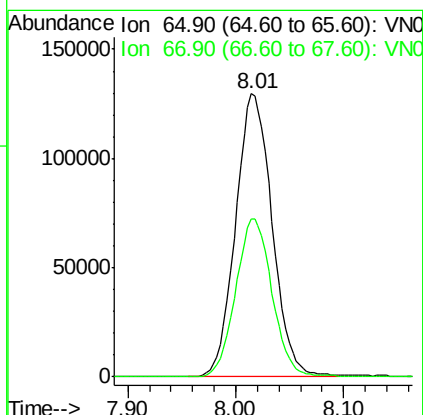
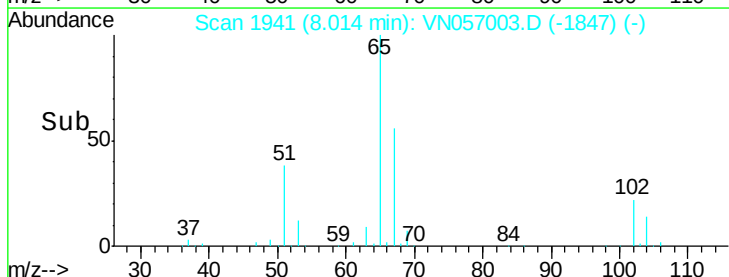
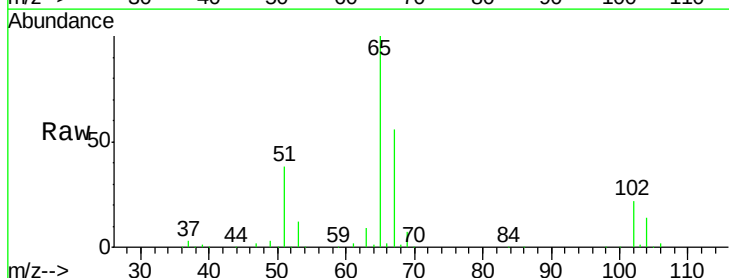
Instrument :
MSVOA_N
ClientSampleId :
PB121844TB

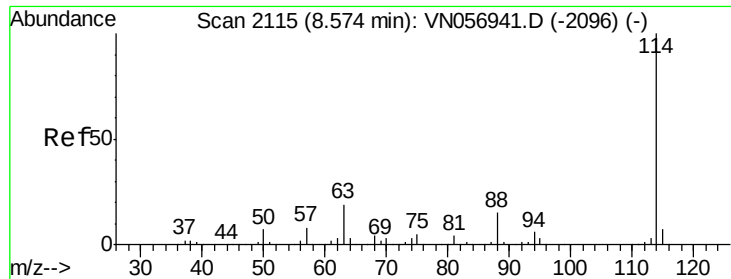
Tot Ion: 84 Resp: 49806
Ion Ratio Lower Upper
84 100
49 118.5 95.2 142.8
51 35.8 29.7 44.5
86 61.4 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 48.169 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion: 65 Resp: 305946
Ion Ratio Lower Upper
65 100
67 55.5 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: VN057003.D

Acq: 31 Jul 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

PB121844TB

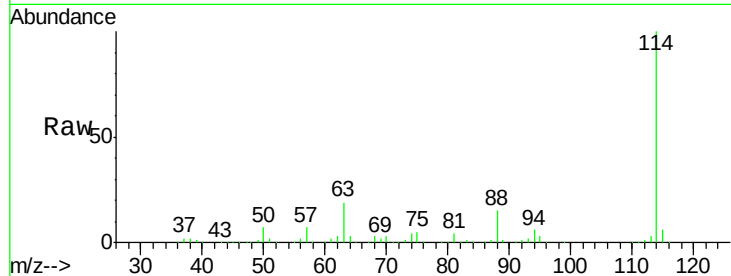
Tot Ion:114 Resp: 900141

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.0

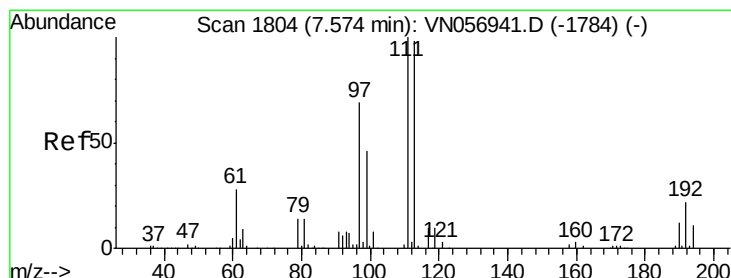
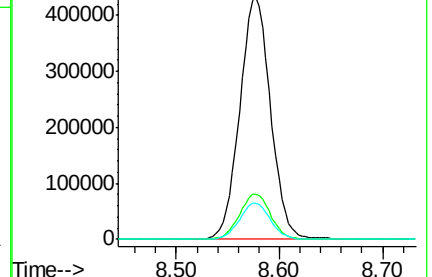
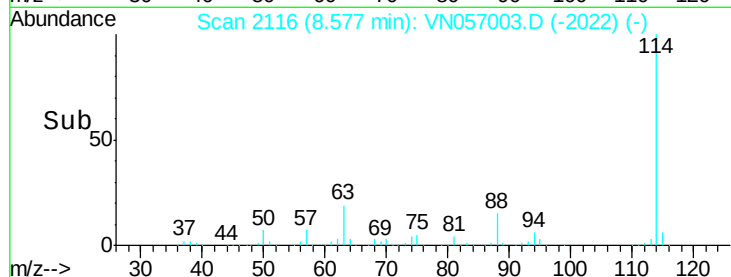
88 15.0 0.0 30.0



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: 48.017 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.01 min

Lab File: VN057003.D

Acq: 31 Jul 2019 10:48

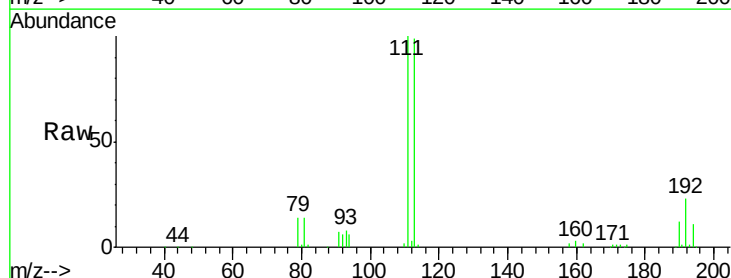
Tgt Ion:113 Resp: 276696

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

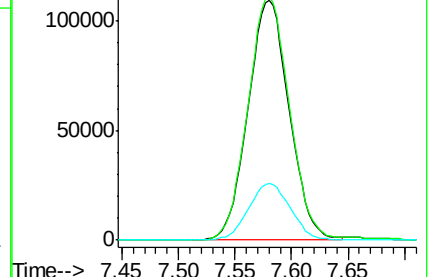
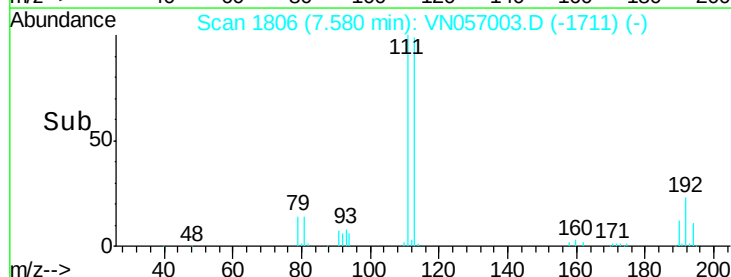
192 24.1 18.4 27.6

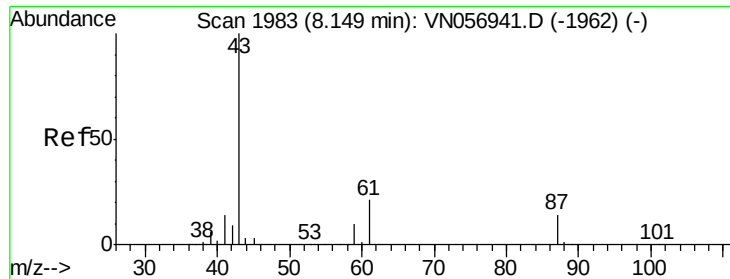


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.139 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN057003.D

Acq: 31 Jul 2019 10:48

Instrument :

MSVOA_N

ClientSampled :

PB121844TB

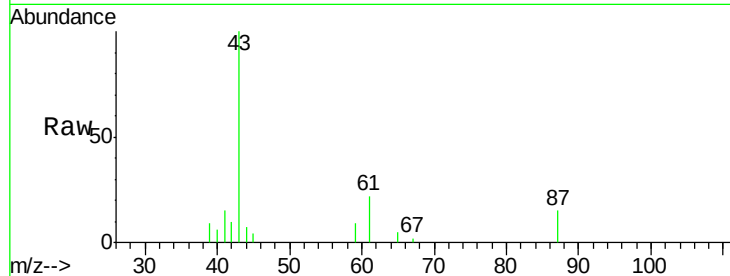
Tot Ion: 43 Resp: 22429

Ion Ratio Lower Upper

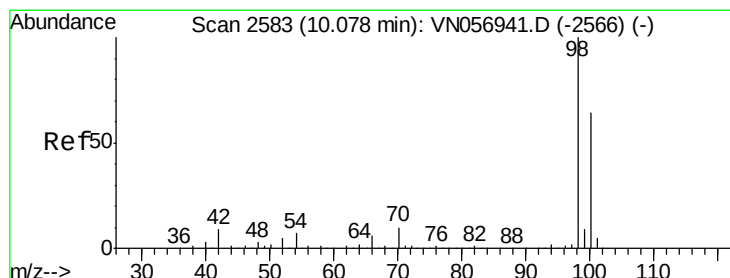
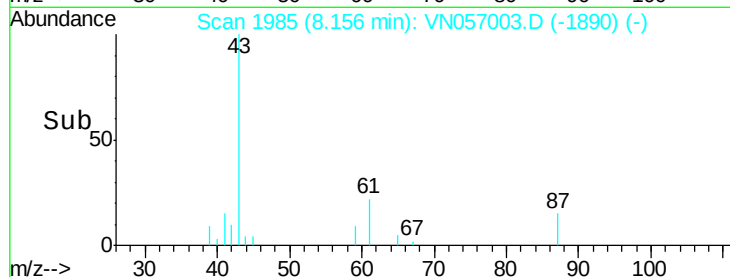
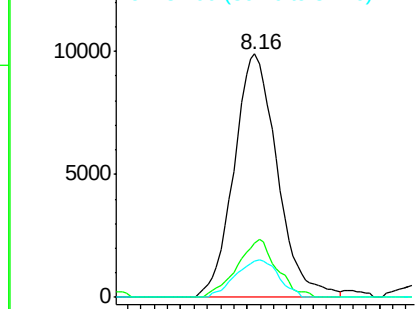
43 100

61 21.8 23.0 34.6#

87 15.2 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: 48.872 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057003.D

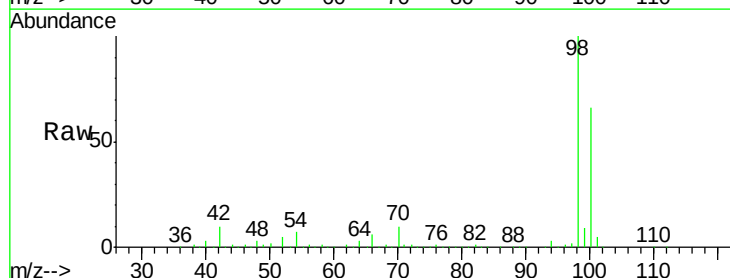
Acq: 31 Jul 2019 10:48

Tgt Ion: 98 Resp: 1073945

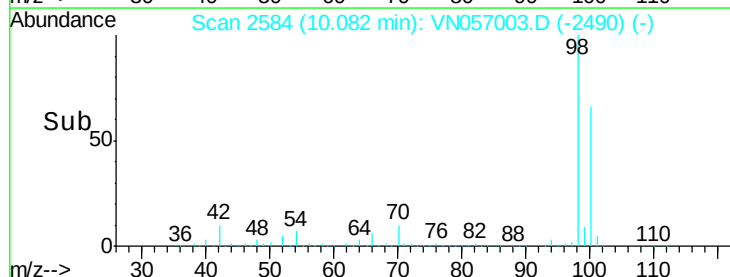
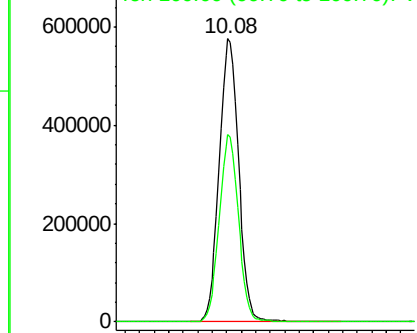
Ion Ratio Lower Upper

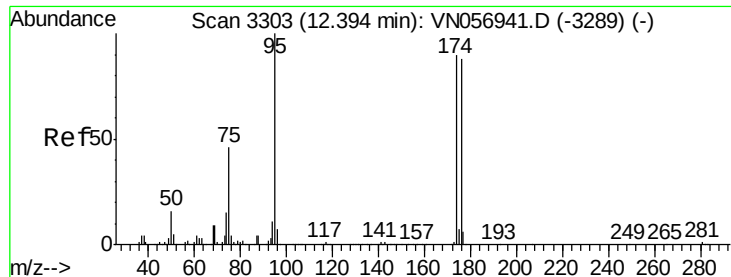
98 100

100 65.0 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: 40.651 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057003.D

Acq: 31 Jul 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

PB121844TB

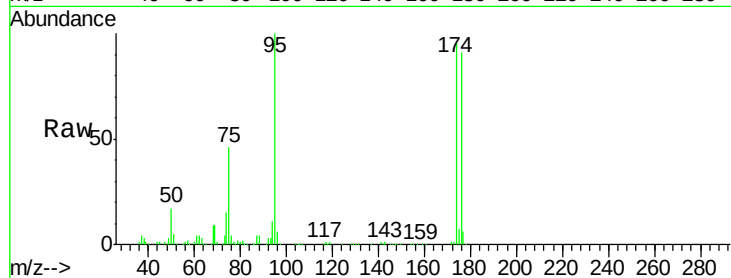
Tot Ion: 95 Resp: 290807

Ion Ratio Lower Upper

95 100

174 94.8 0.0 182.2

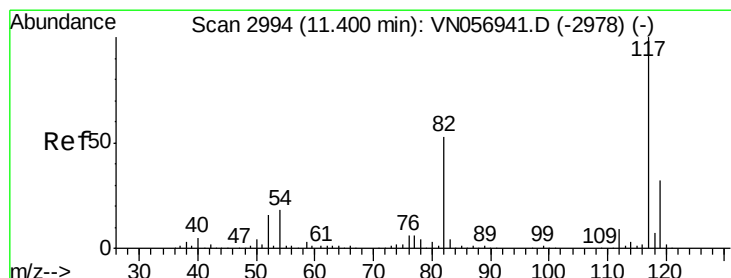
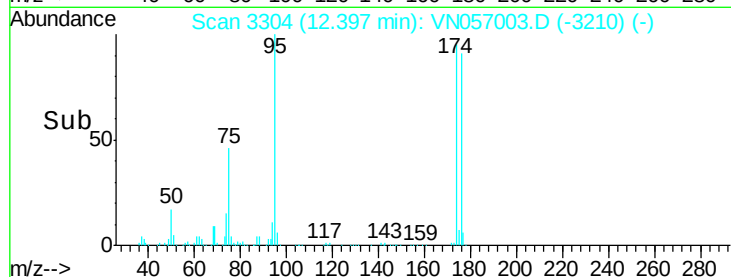
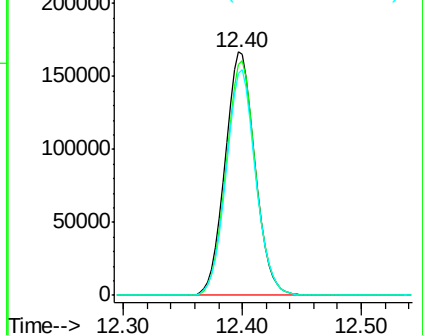
176 91.0 0.0 179.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN057003.D

Acq: 31 Jul 2019 10:48

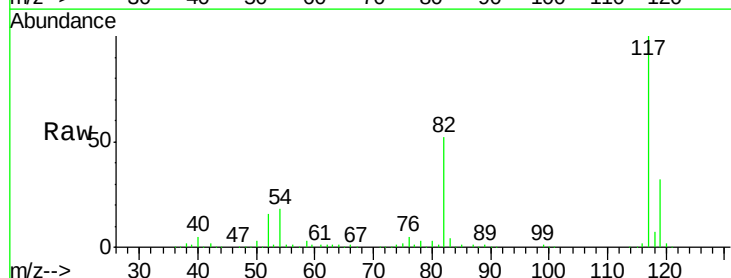
Tgt Ion: 117 Resp: 776473

Ion Ratio Lower Upper

117 100

82 52.1 42.2 63.4

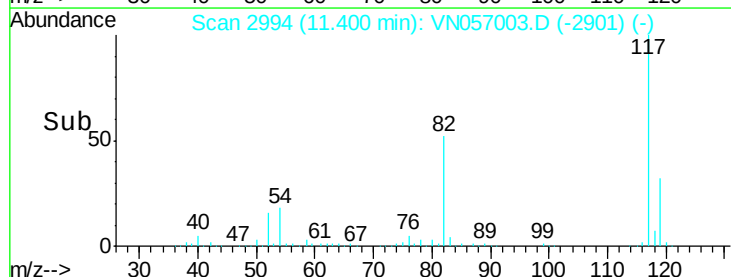
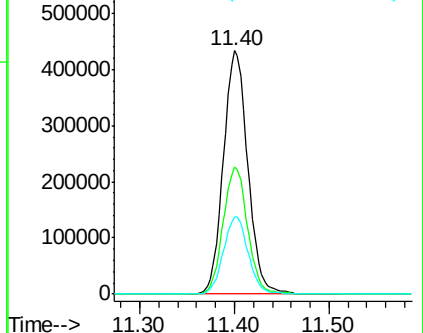
119 31.9 25.8 38.6

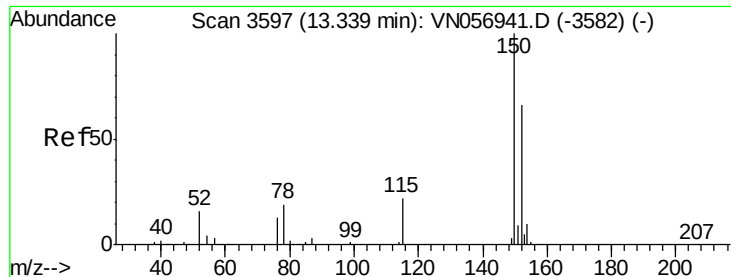


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0



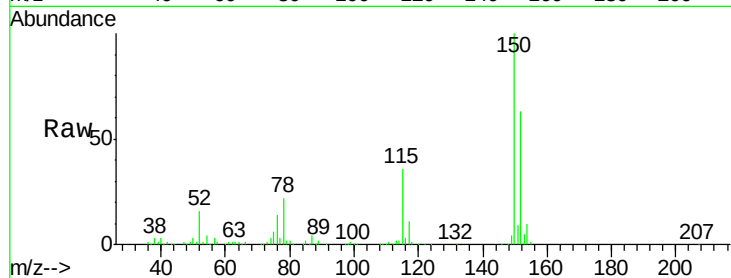


#72

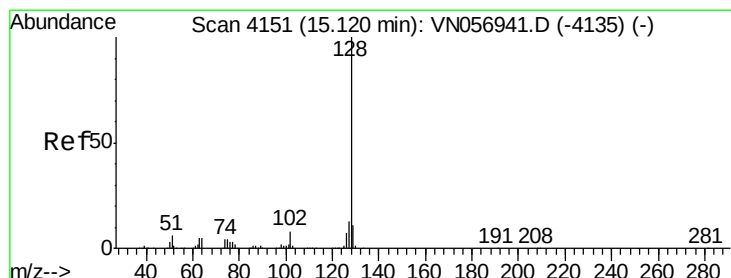
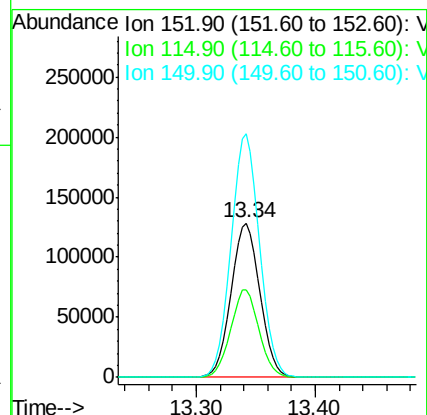
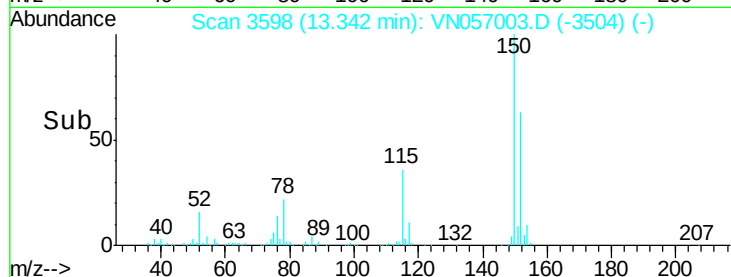
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Instrument :
MSVOA_N
ClientSampled :
PB121844TB

Tot Ion:152 Resp: 215276
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.6
150 155.9 0.0 349.4



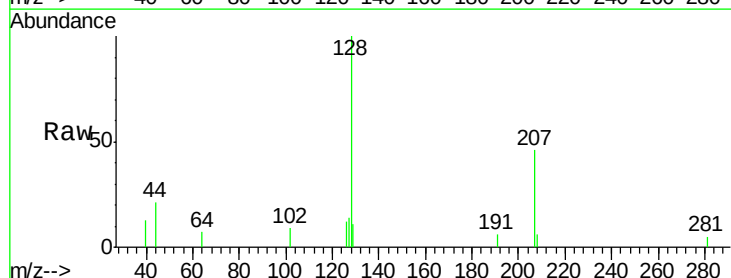
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 4.122 ug/l
RT: 15.12 min Scan# 4151
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion:128 Resp: 5266
Ion Ratio Lower Upper
128 100
127 11.4 10.0 15.0
129 9.8 8.7 13.1



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

