

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091819\
 Data File : VN058167.D
 Acq On : 18 Sep 2019 17:14
 Operator : JC/SP
 Sample : PB123195TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123195TB

Quant Time: Sep 19 15:38:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

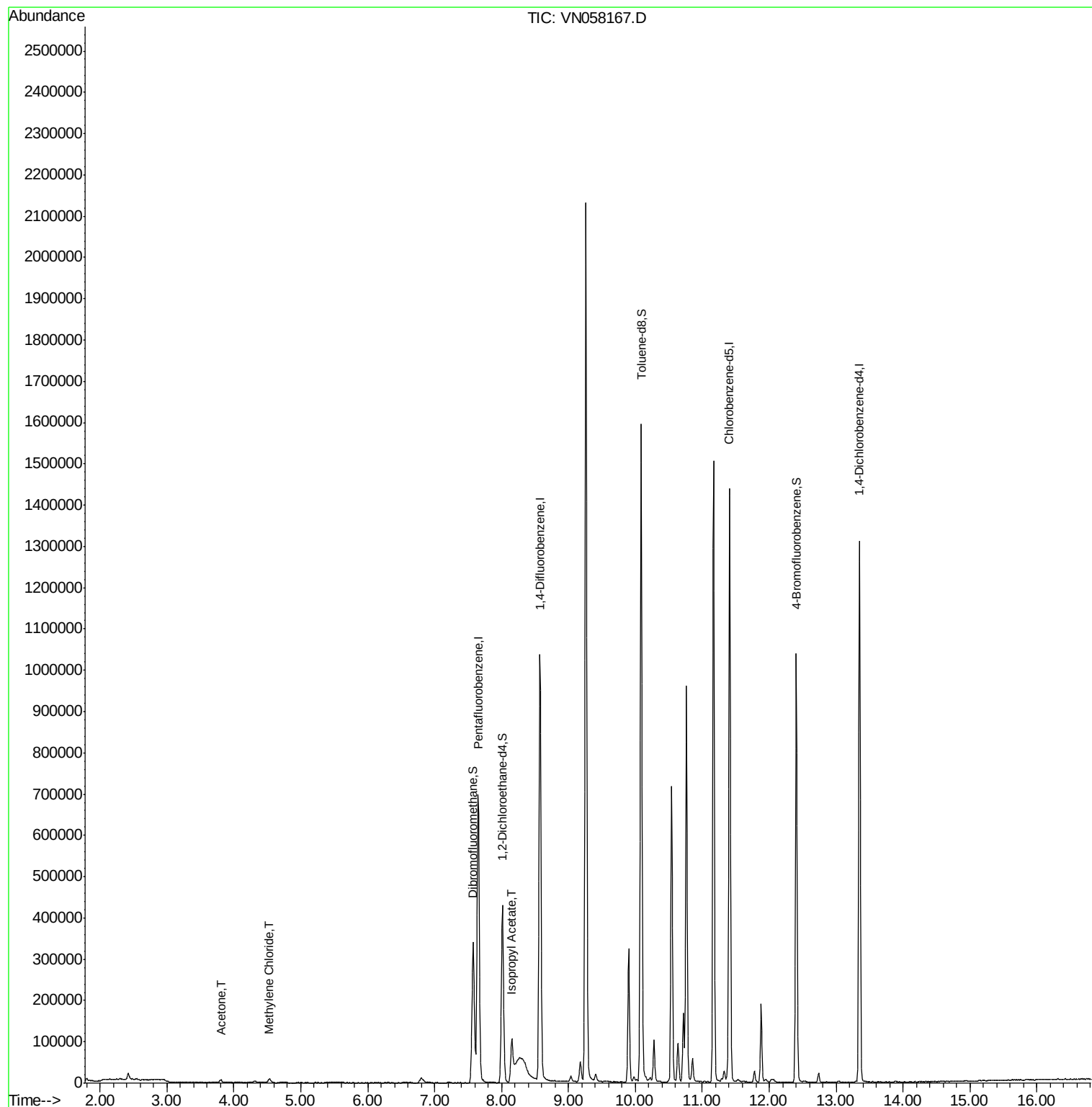
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	553014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	902064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	785039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	329132	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	374345	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
35) Dibromofluoromethane	7.58	113	255359	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
50) Toluene-d8	10.08	98	1072838	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.40	95	350037	44.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.20%	
Target Compounds						
16) Acetone	3.81	43	11506	4.401	ug/l	97
20) Methylene Chloride	4.52	84	6578	1.221	ug/l	87
43) Isopropyl Acetate	8.15	43	153583	12.181	ug/l #	86

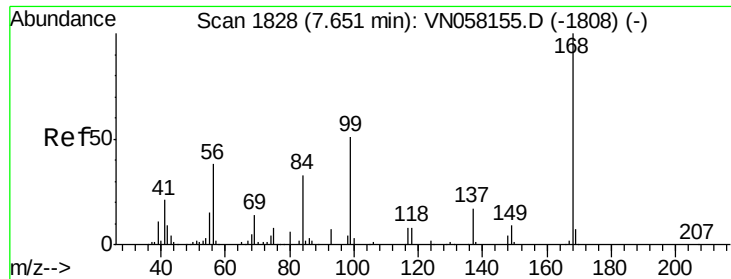
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091819\
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QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058167.D

Acq: 18 Sep 2019 17:14

Instrument :

MSVOA_N

ClientSampleId :

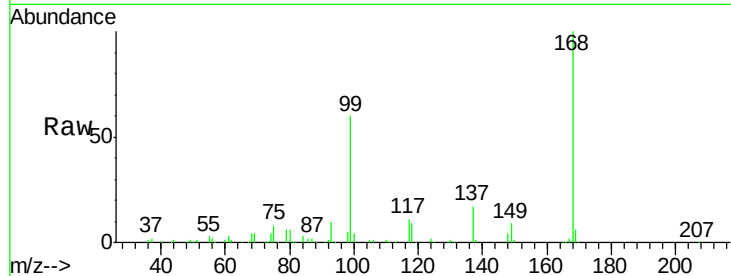
PB123195TB

Tot Ion:168 Resp: 553014

Ion Ratio Lower Upper

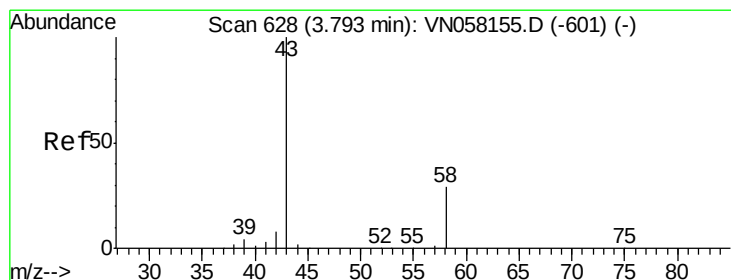
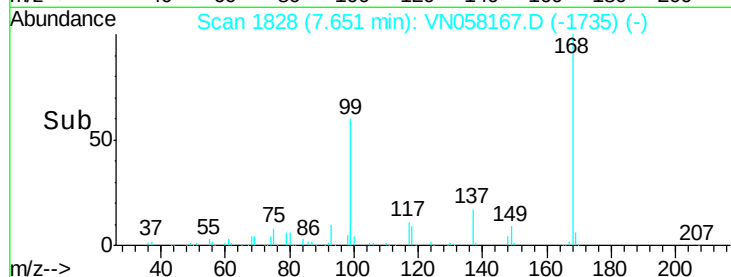
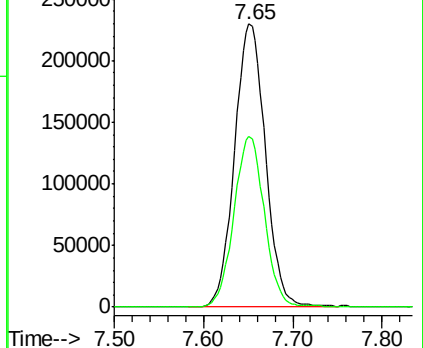
168 100

99 60.4 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 4.401 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN058167.D

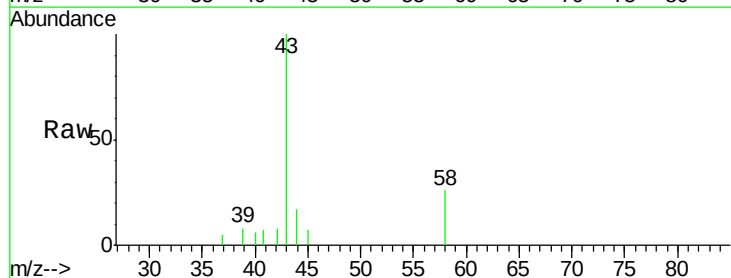
Acq: 18 Sep 2019 17:14

Tgt Ion: 43 Resp: 11506

Ion Ratio Lower Upper

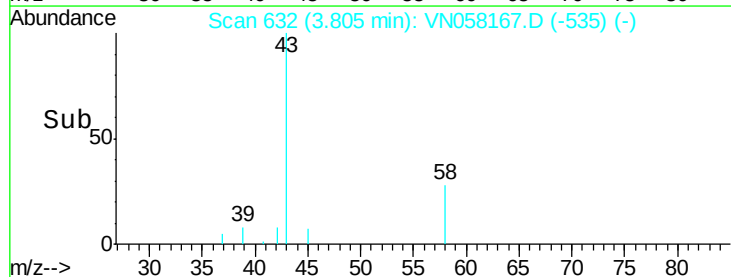
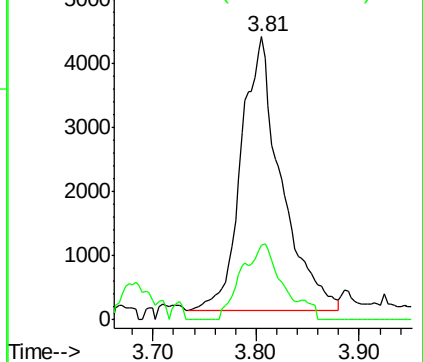
43 100

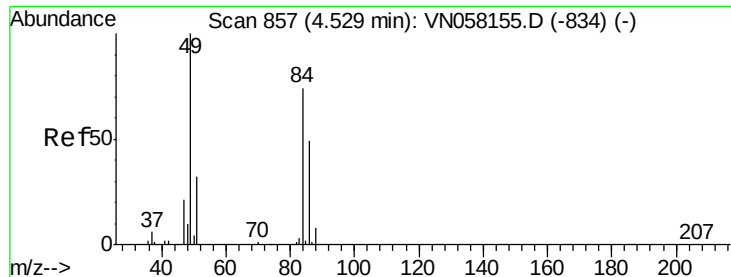
58 27.4 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

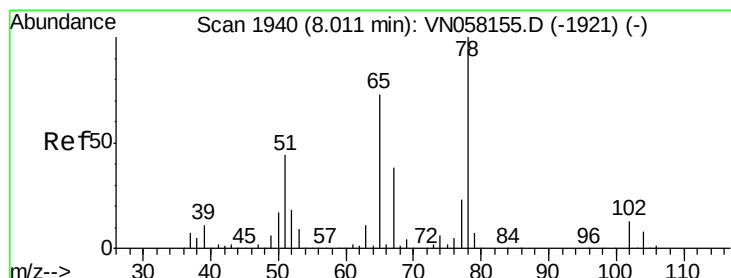
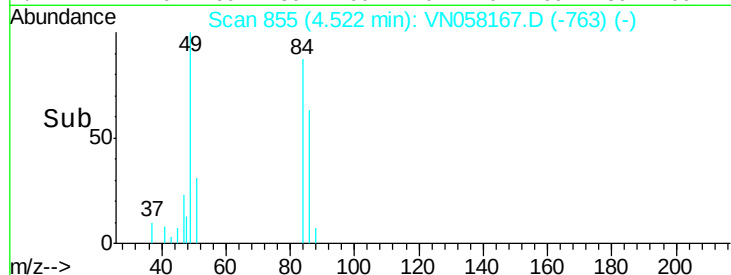
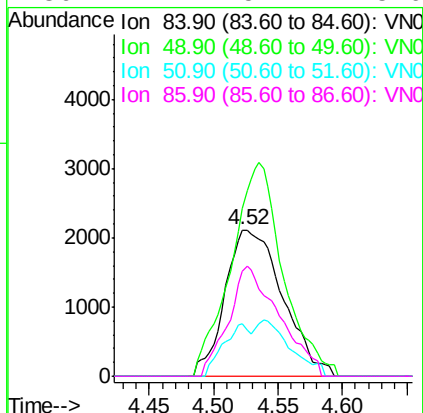
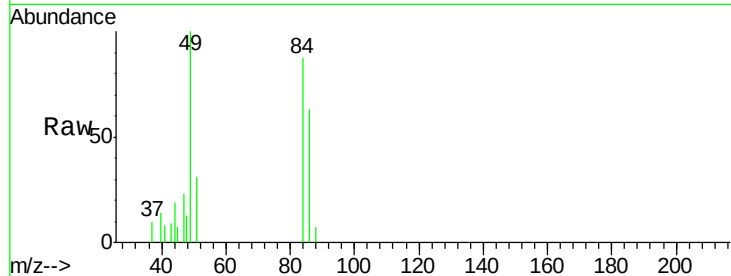




#20
Methylene Chloride
Concen: 1.221 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.01 min
Lab File: VN058167.D
Acq: 18 Sep 2019 17:14

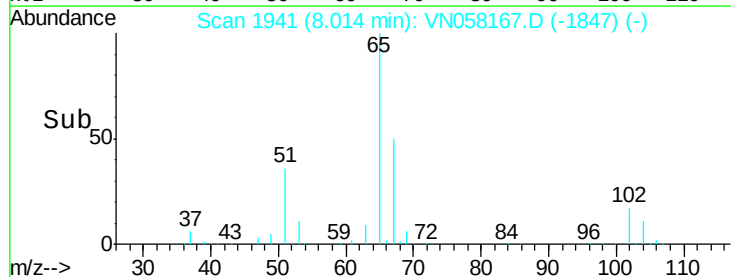
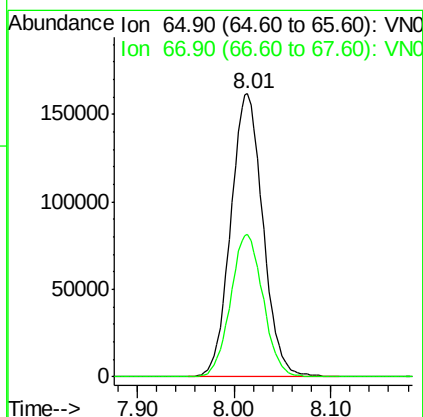
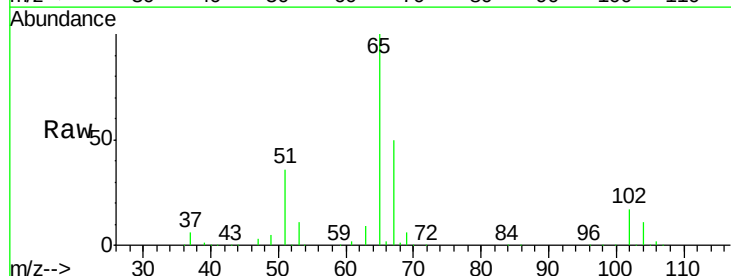
Instrument :
MSVOA_N
ClientSampled :
PB123195TB

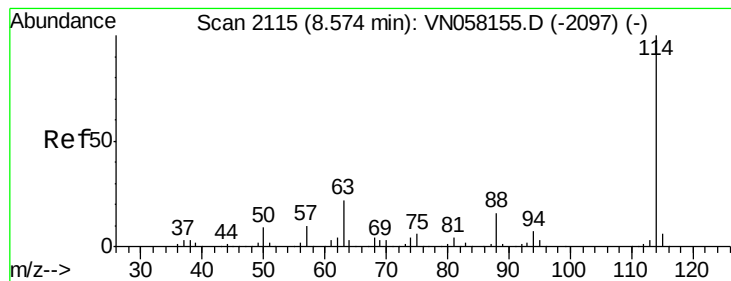
Tot Ion: 84 Resp: 6578
Ion Ratio Lower Upper
84 100
49 114.6 107.5 161.3
51 35.6 33.9 50.9
86 72.2 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 48.601 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058167.D
Acq: 18 Sep 2019 17:14

Tgt Ion: 65 Resp: 374345
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058167.D

Acq: 18 Sep 2019 17:14

Instrument :

MSVOA_N

ClientSampleId :

PB123195TB

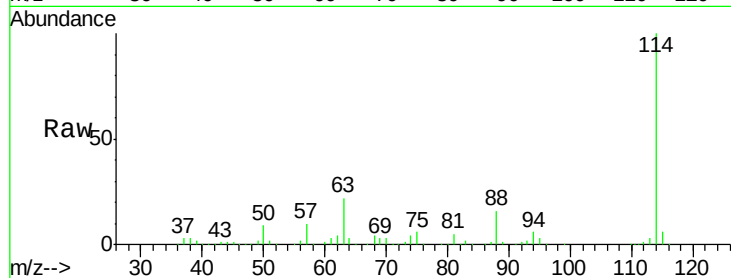
Tot Ion:114 Resp: 902064

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.2

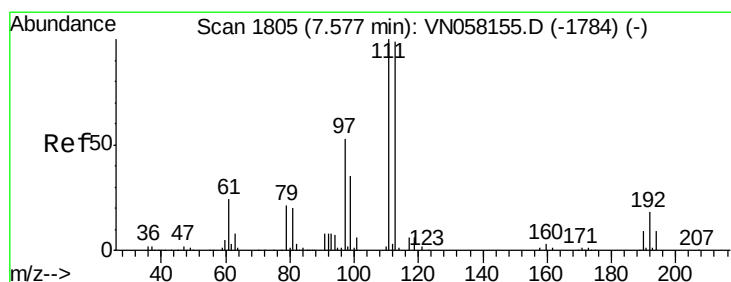
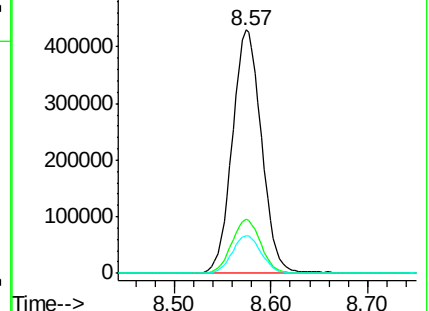
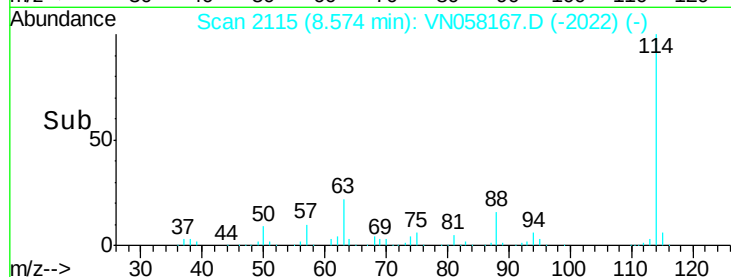
88 15.6 0.0 31.6



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: 46.566 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VN058167.D

Acq: 18 Sep 2019 17:14

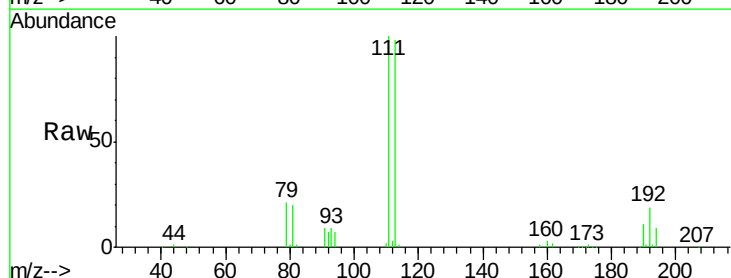
Tgt Ion:113 Resp: 255359

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.6

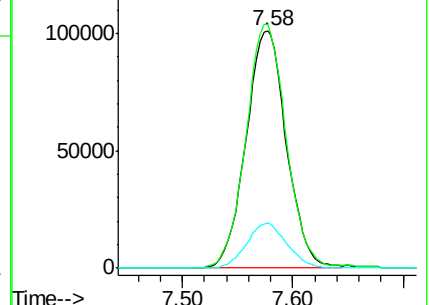
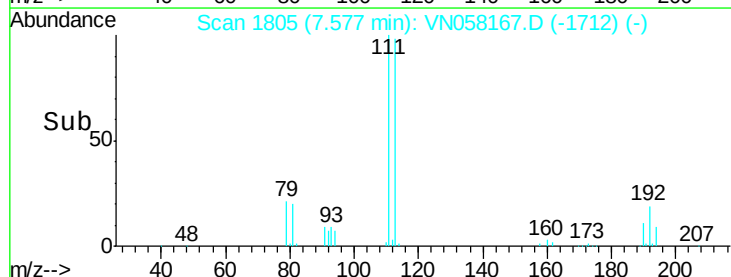
192 19.0 14.5 21.7

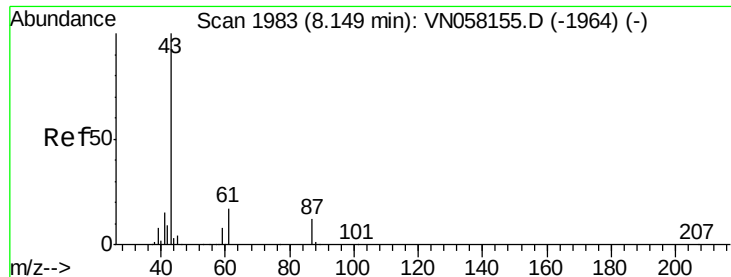


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 12.181 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058167.D

Acq: 18 Sep 2019 17:14

Instrument :

MSVOA_N

ClientSampleId :

PB123195TB

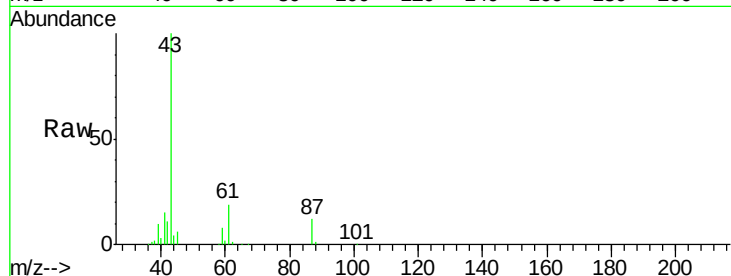
Tot Ion: 43 Resp: 153583

Ion Ratio Lower Upper

43 100

61 15.5 19.7 29.5#

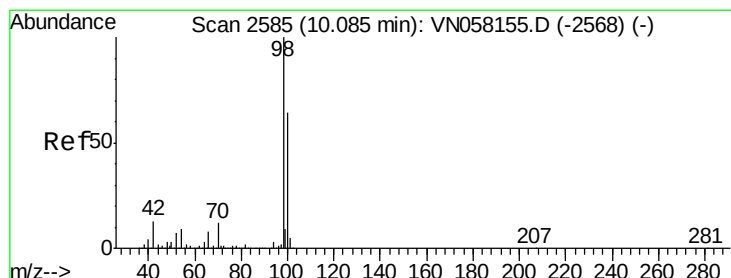
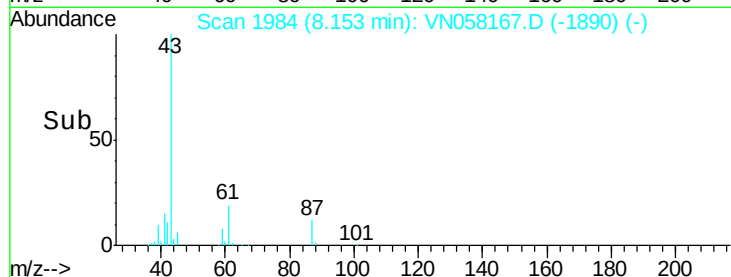
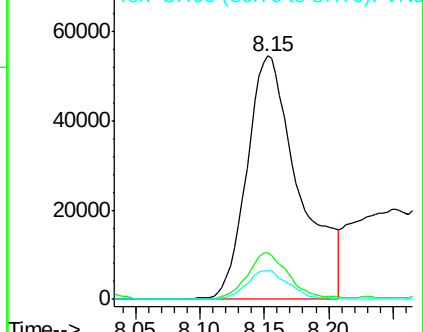
87 9.6 9.4 14.2



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: 50.212 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058167.D

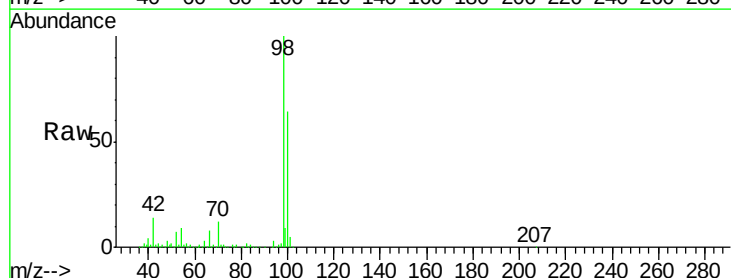
Acq: 18 Sep 2019 17:14

Tgt Ion: 98 Resp: 1072838

Ion Ratio Lower Upper

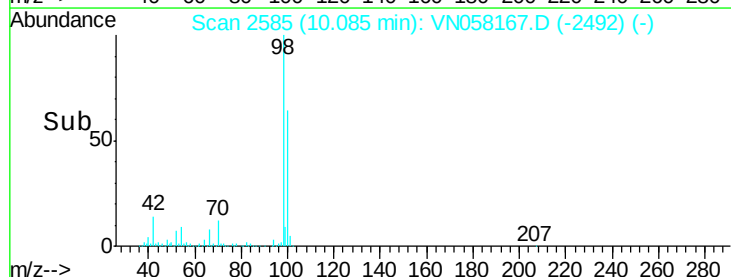
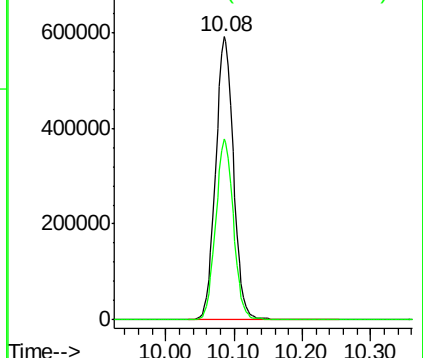
98 100

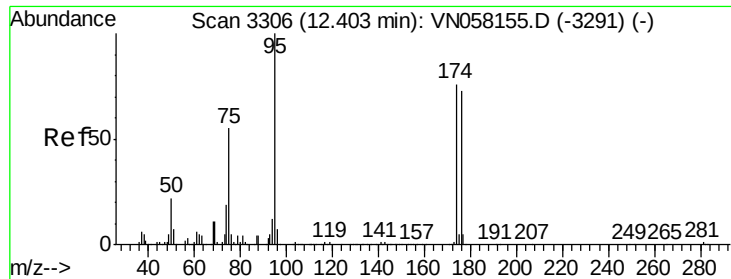
100 63.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.104 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN058167.D

Acq: 18 Sep 2019 17:14

Instrument :

MSVOA_N

ClientSampled :

PB123195TB

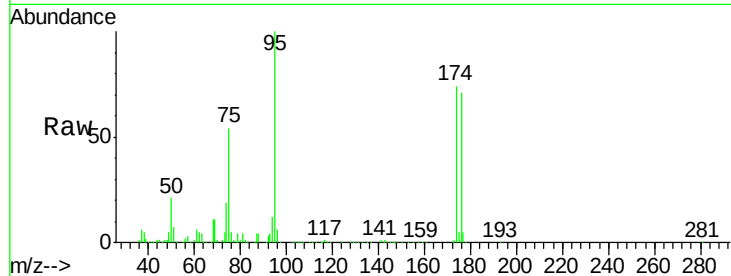
Tot Ion: 95 Resp: 350037

Ion Ratio Lower Upper

95 100

174 76.3 0.0 152.2

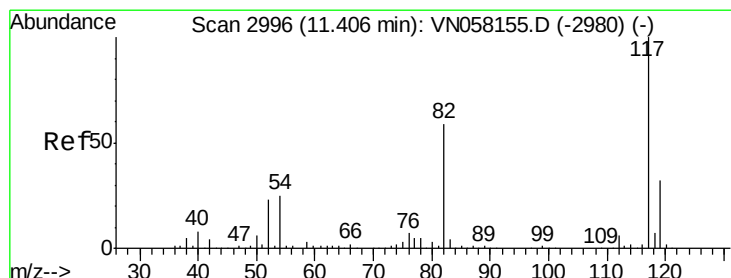
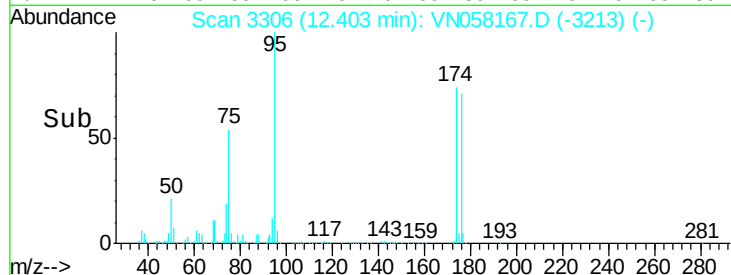
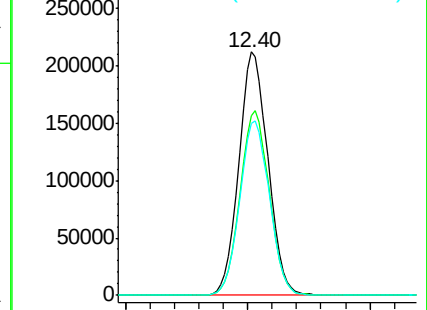
176 73.2 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): VN058167.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058167.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058167.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN058167.D

Acq: 18 Sep 2019 17:14

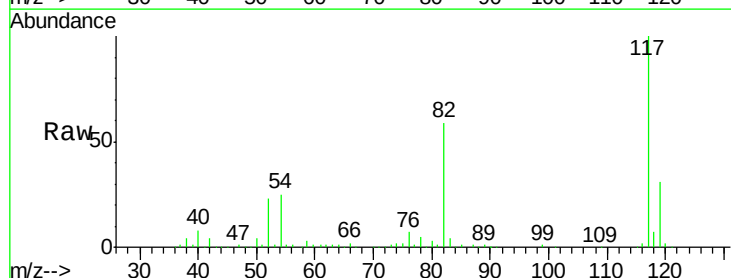
Tgt Ion: 117 Resp: 785039

Ion Ratio Lower Upper

117 100

82 59.2 46.9 70.3

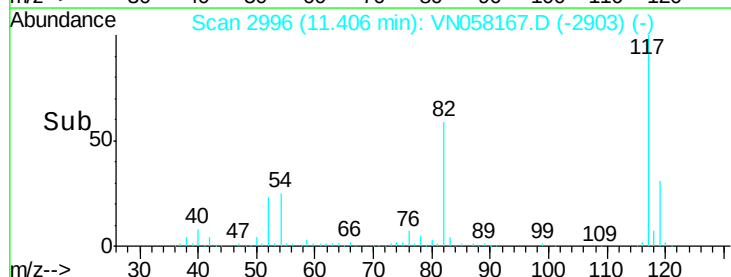
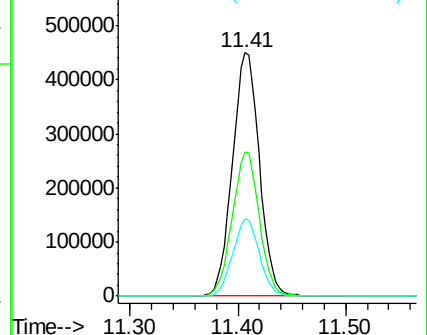
119 31.5 25.3 37.9

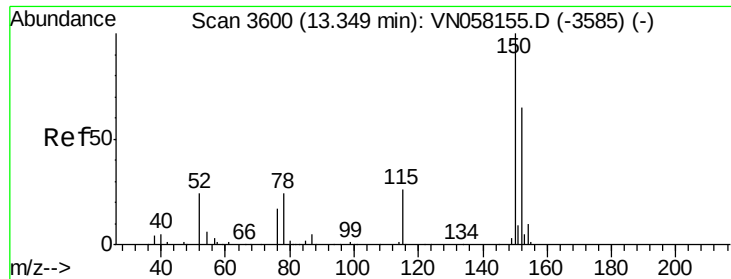


Abundance Ion 116.90 (116.60 to 117.60): VN058167.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058167.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058167.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058167.D

Acq: 18 Sep 2019 17:14

Instrument :

MSVOA_N

ClientSampleId :

PB123195TB

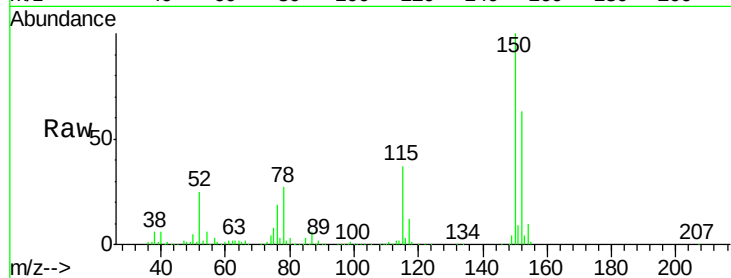
Tot Ion:152 Resp: 329132

Ion Ratio Lower Upper

152 100

115 59.9 30.1 90.3

150 159.3 0.0 346.4



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

