

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120619\
 Data File : VN059509.D
 Acq On : 6 Dec 2019 12:54
 Operator : JC/SP
 Sample : PB125258TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB125258TB

Quant Time: Dec 06 22:45:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

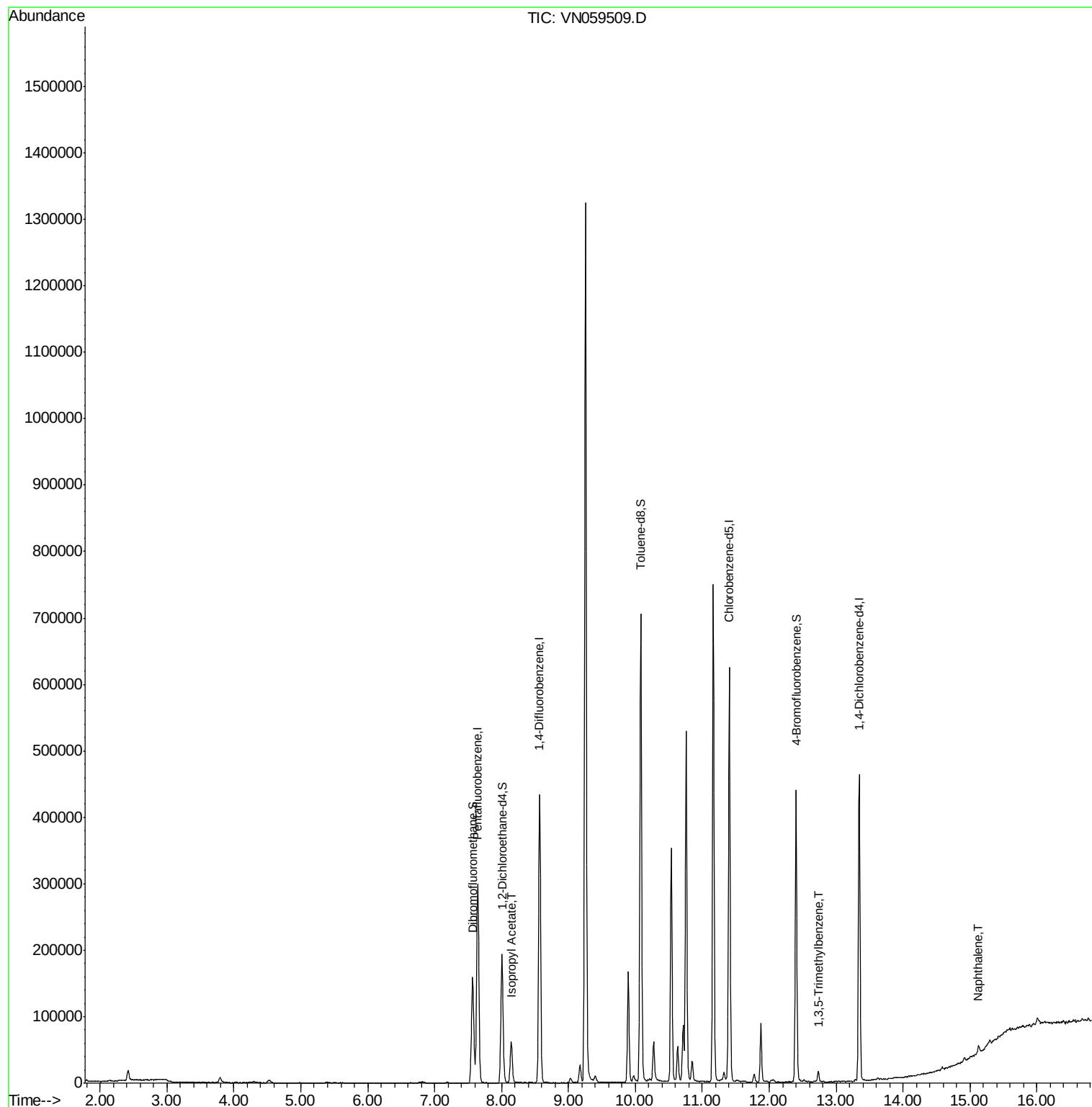
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	236249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	375776	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	341623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	120041	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	167828	57.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.36%	
35) Dibromofluoromethane	7.57	113	121002	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
50) Toluene-d8	10.08	98	479860	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.40	95	148768	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	71551	11.014	ug/l #	89
80) 1,3,5-Trimethylbenzene	12.73	105	8782	1.092	ug/l	96
95) Naphthalene	15.13	128	8034	3.545	ug/l	98

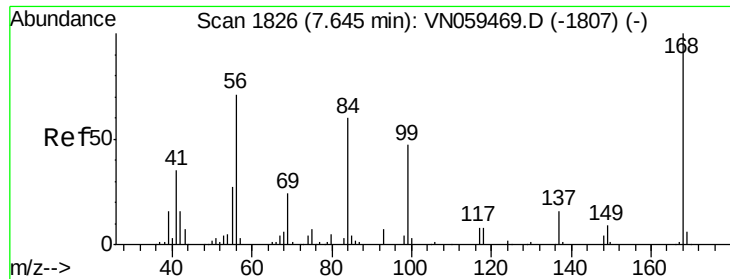
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120619\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 16:37:42 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059509.D

Acq: 6 Dec 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

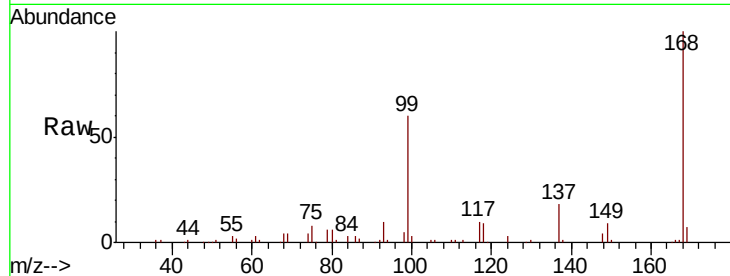
PB125258TB

Tot Ion:168 Resp: 236249

Ion Ratio Lower Upper

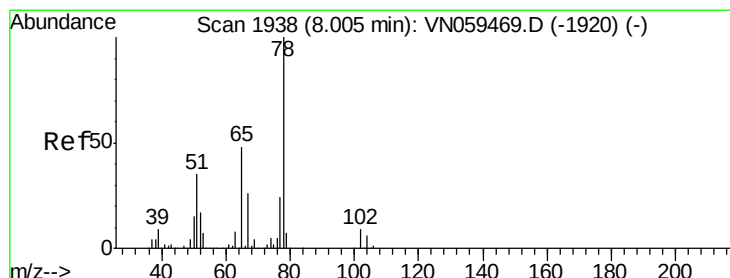
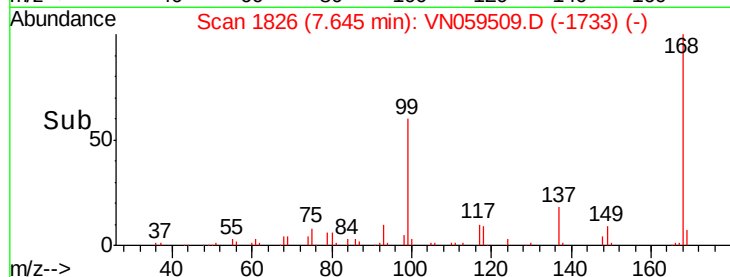
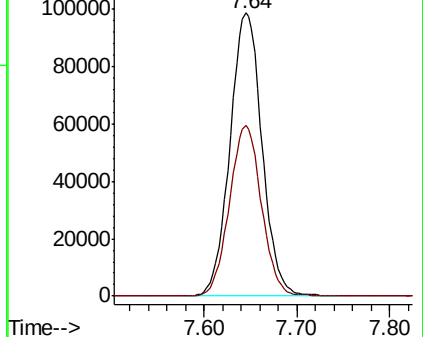
168 100

99 60.2 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): VN059469.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN059469.D (-1807) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.184 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059509.D

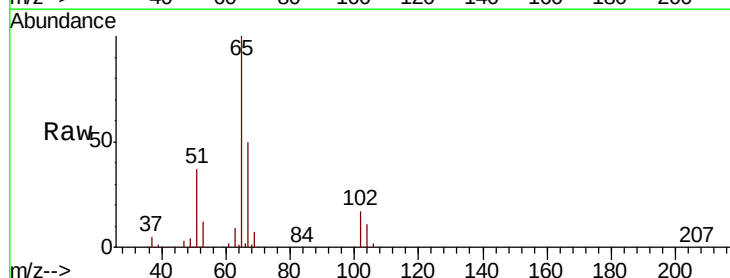
Acq: 6 Dec 2019 12:54

Tgt Ion: 65 Resp: 167828

Ion Ratio Lower Upper

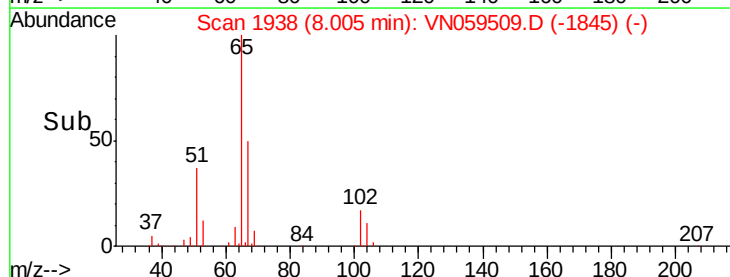
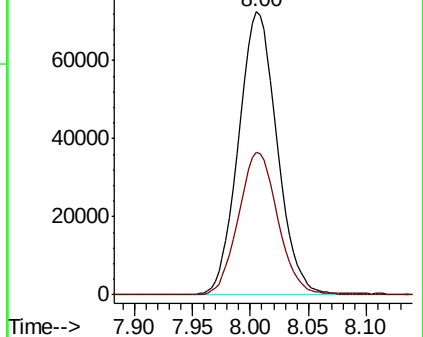
65 100

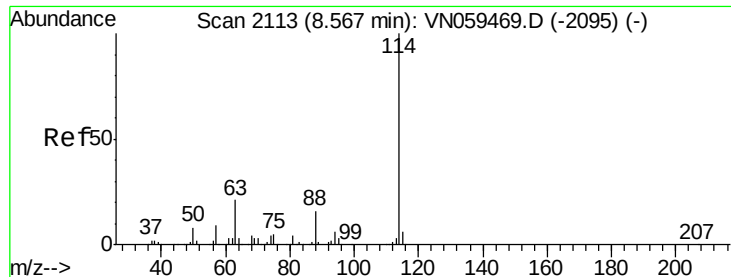
67 51.4 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN059469.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN059469.D (-1920) (-)

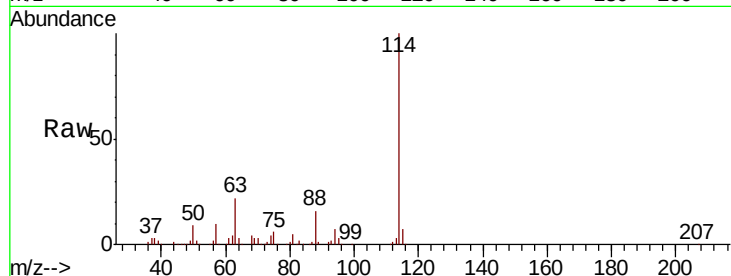




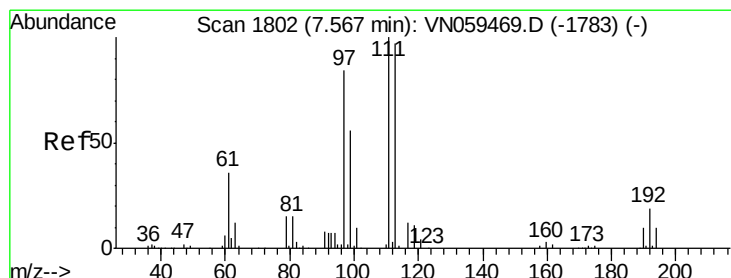
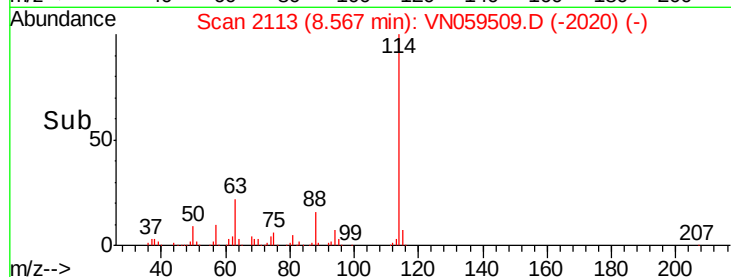
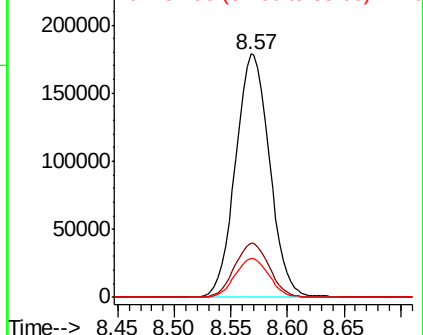
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059509.D
 Acq: 6 Dec 2019 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 PB125258TB

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	42.4
88	16.2	0.0	32.8

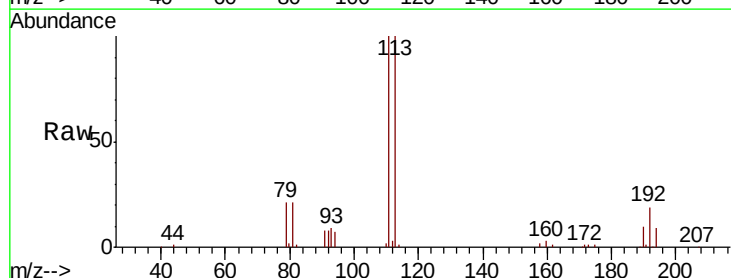


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

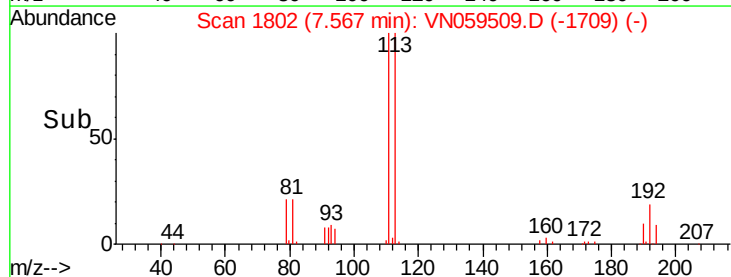
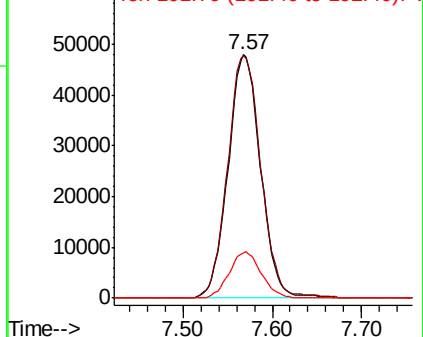


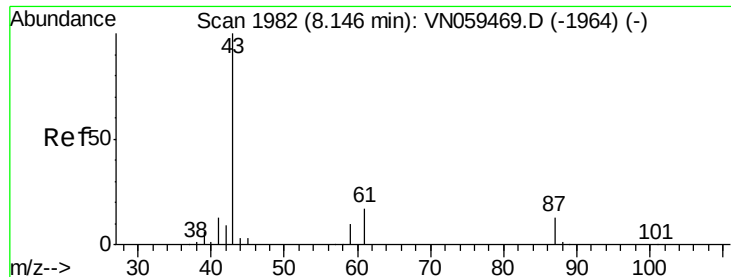
#35
 Dibromofluoromethane
 Concen: 51.701 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059509.D
 Acq: 6 Dec 2019 12:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.5	123.7
192	18.7	16.1	24.1



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: 11.014 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VN059509.D

Acq: 6 Dec 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

PB125258TB

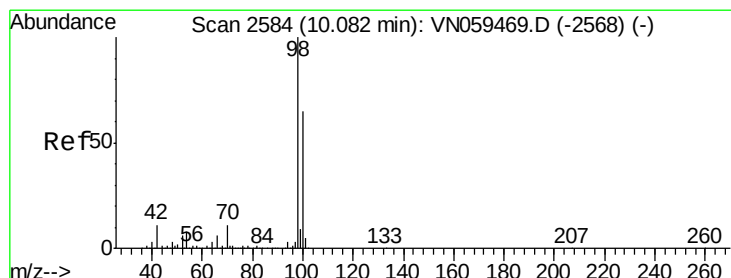
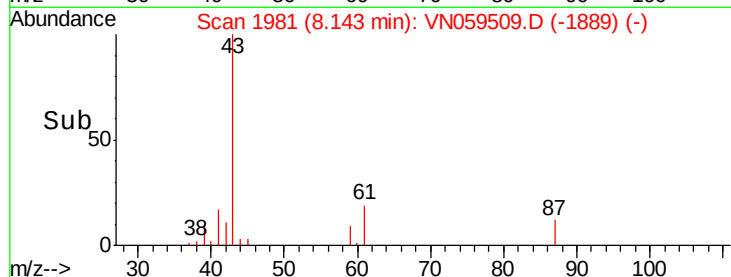
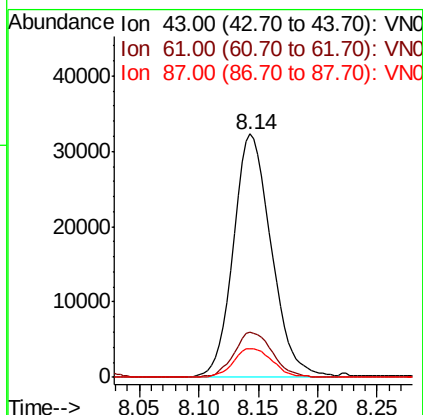
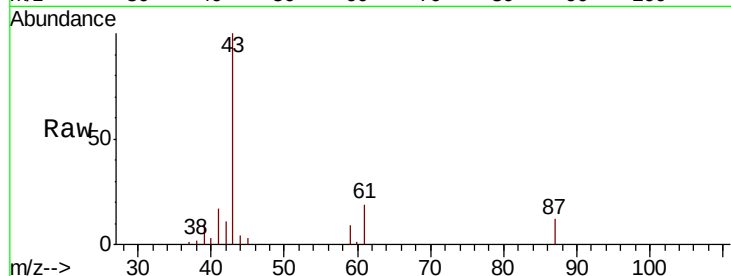
Tot Ion: 43 Resp: 71551

Ion Ratio Lower Upper

43 100

61 18.7 21.0 31.6#

87 12.1 10.4 15.6



#50

Toluene-d8

Concen: 52.001 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059509.D

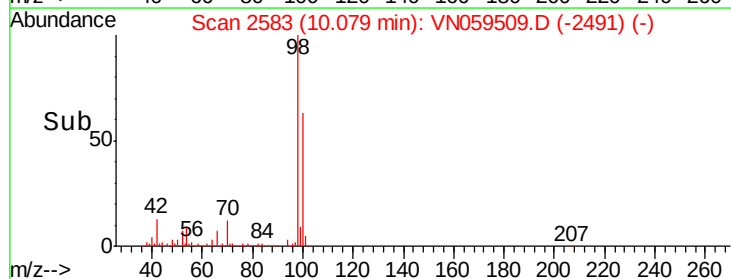
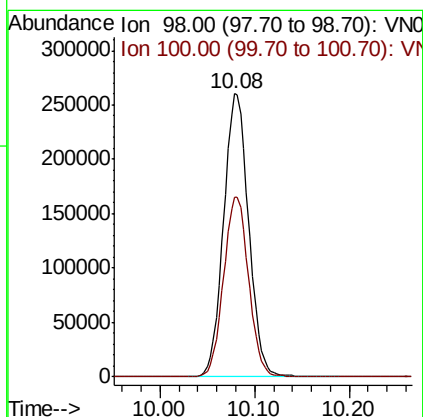
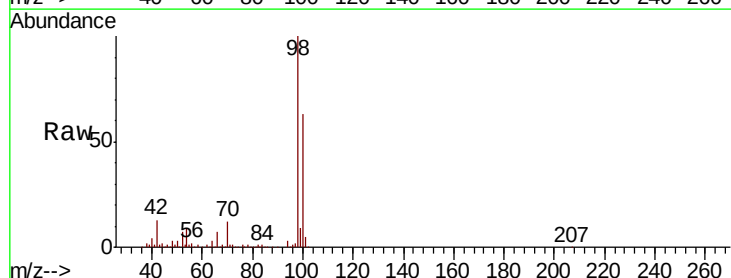
Acq: 6 Dec 2019 12:54

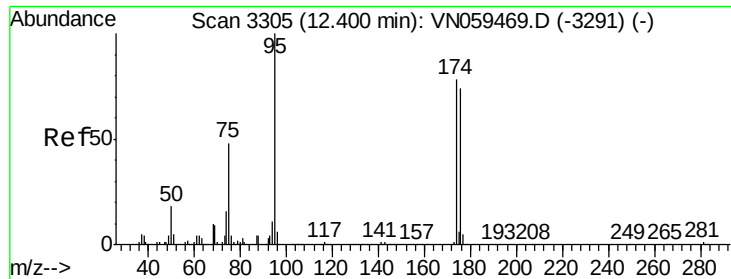
Tgt Ion: 98 Resp: 479860

Ion Ratio Lower Upper

98 100

100 63.6 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 46.164 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN059509.D

Acq: 6 Dec 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

PB125258TB

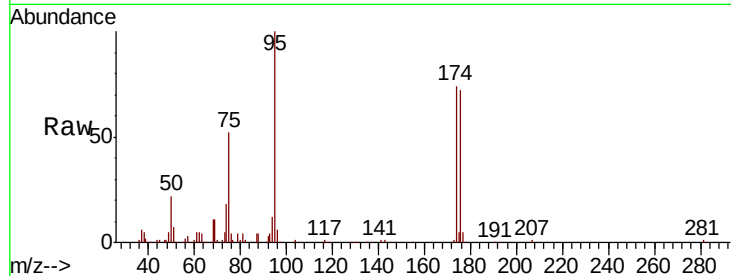
Tot Ion: 95 Resp: 148768

Ion Ratio Lower Upper

95 100

174 77.2 0.0 157.0

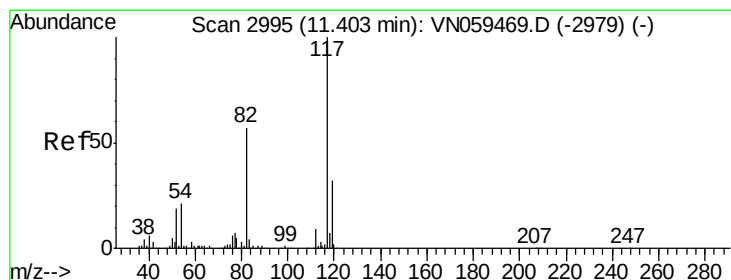
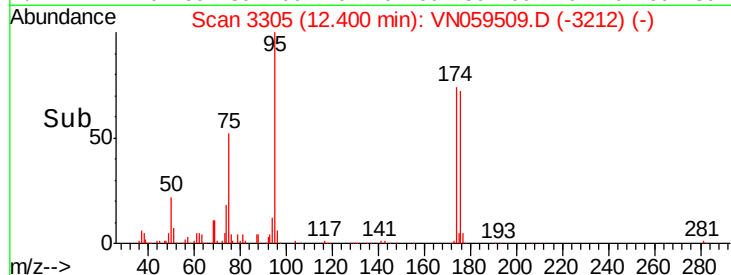
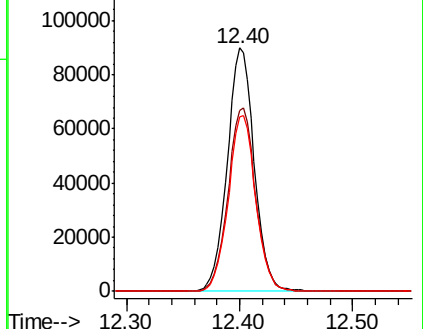
176 73.5 0.0 152.4



Abundance Ion 94.90 (94.60 to 95.60): VN059509.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN059509.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN059509.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059509.D

Acq: 6 Dec 2019 12:54

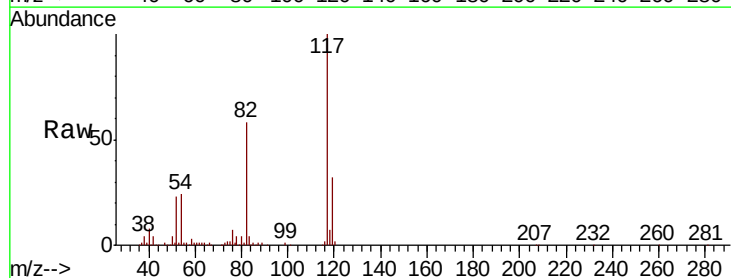
Tgt Ion: 117 Resp: 341623

Ion Ratio Lower Upper

117 100

82 57.7 45.8 68.8

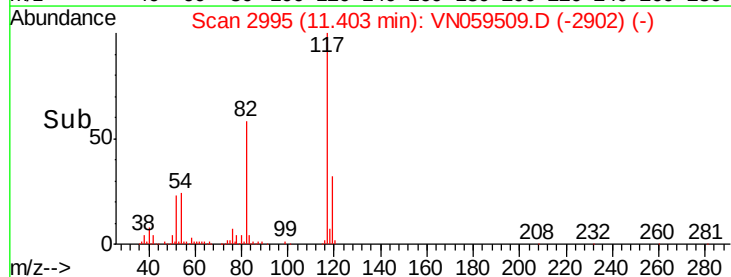
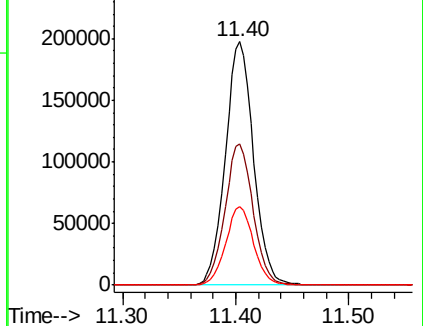
119 32.1 25.4 38.0

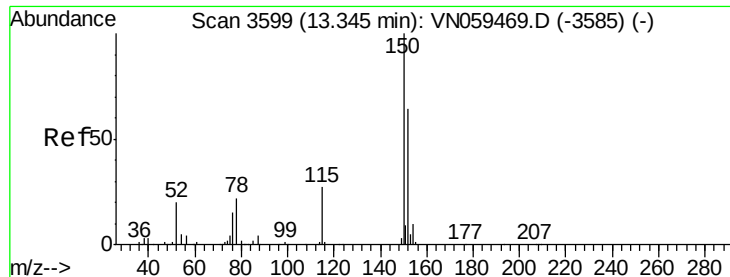


Abundance Ion 116.90 (116.60 to 117.60): VN059509.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059509.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059509.D (-2902) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059509.D

Acq: 6 Dec 2019 12:54

Instrument :

MSVOA_N

ClientSampled :

PB125258TB

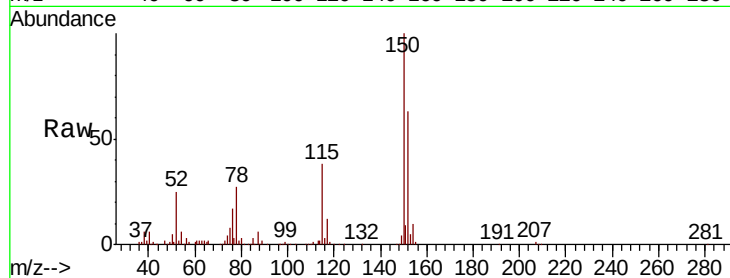
Tot Ion:152 Resp: 120041

Ion Ratio Lower Upper

152 100

115 60.6 29.2 87.6

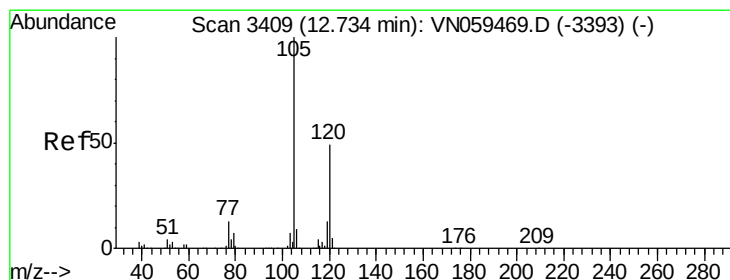
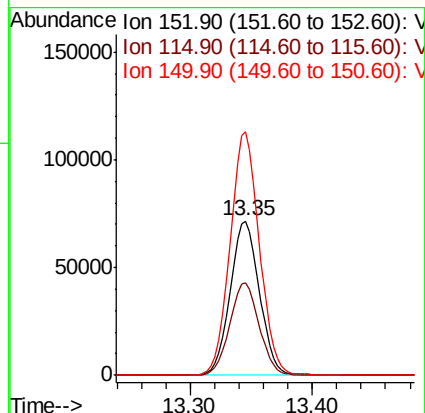
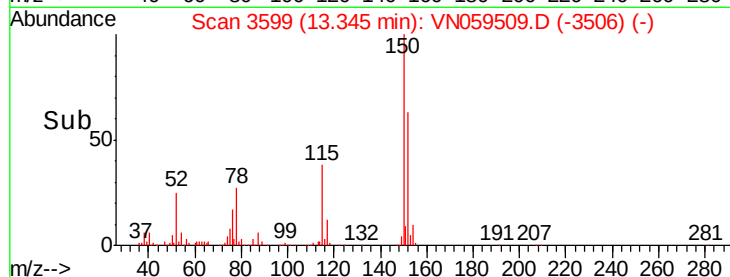
150 157.4 0.0 352.8



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



#80

1,3,5-Trimethylbenzene

Concen: 1.092 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN059509.D

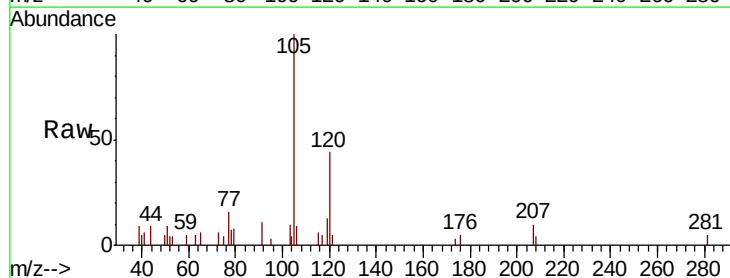
Acq: 6 Dec 2019 12:54

Tgt Ion:105 Resp: 8782

Ion Ratio Lower Upper

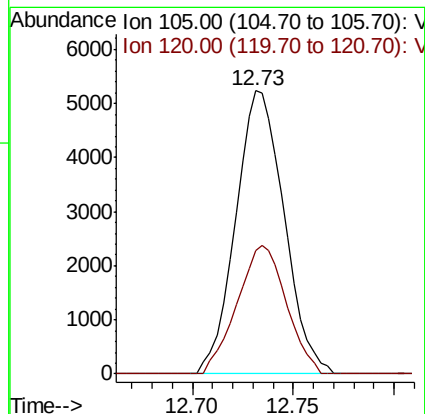
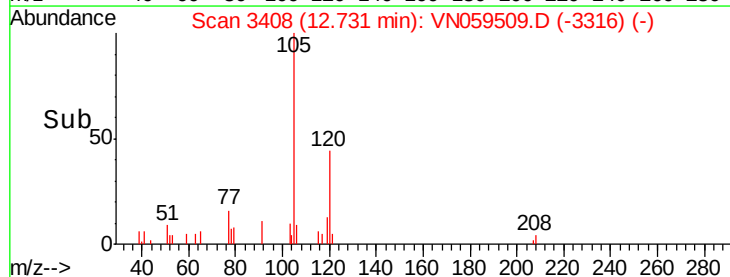
105 100

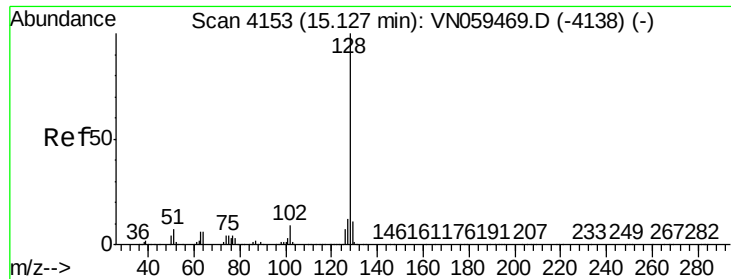
120 46.2 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 3.545 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059509.D

Acq: 6 Dec 2019 12:54

Instrument :

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ClientSampleId :

PB125258TB

Tot Ion:128 Resp: 8034

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 9.6 8.8 13.2

