

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021320\
 Data File : VN060095.D
 Acq On : 13 Feb 2020 15:22
 Operator : JC/MD
 Sample : PB126782ZHE#15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126782ZHE#15

Quant Time: Feb 14 06:09:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

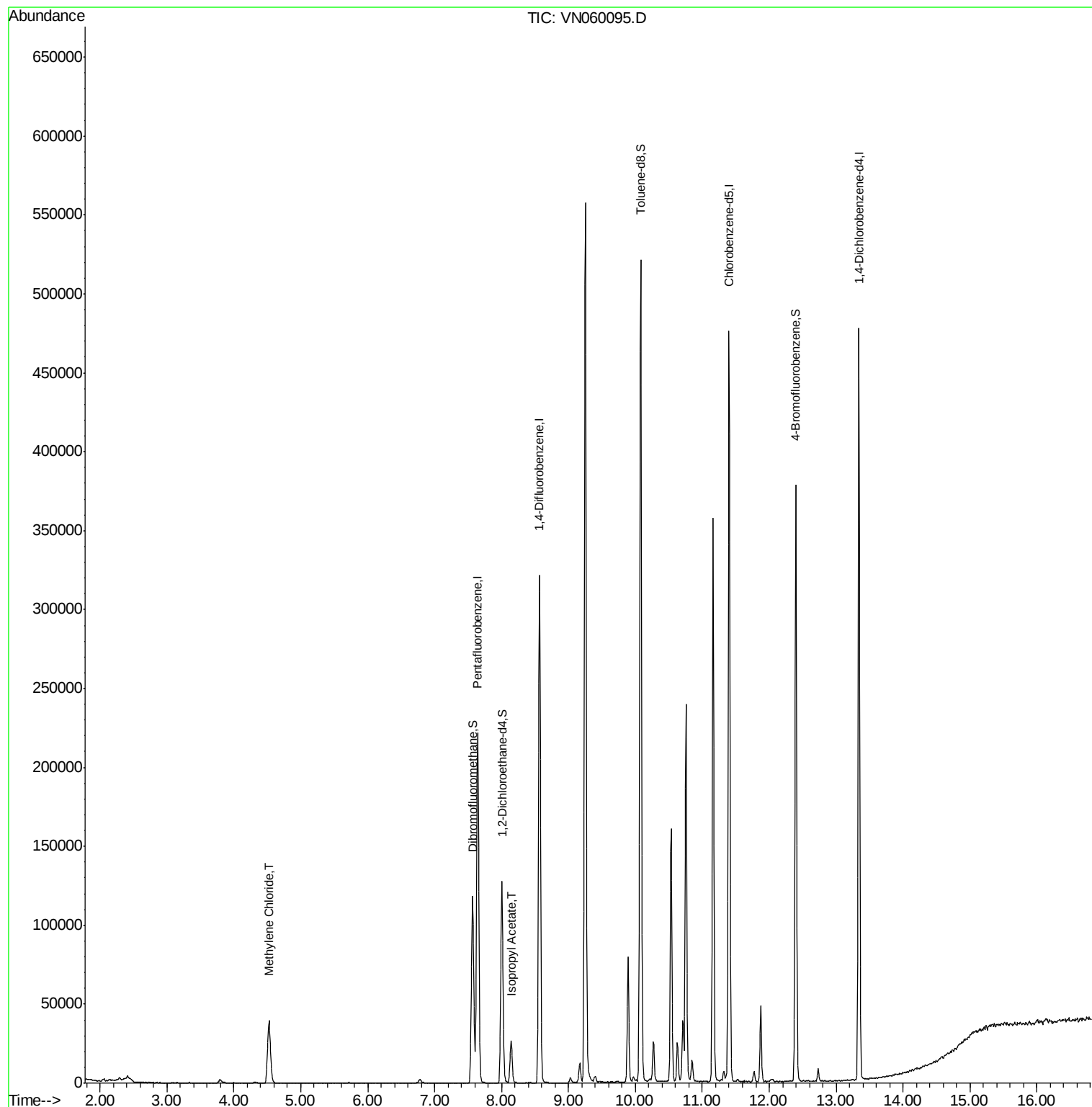
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	187102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	296010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	275901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	125034	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	111027	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
35) Dibromofluoromethane	7.57	113	90310	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
50) Toluene-d8	10.08	98	360324	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	12.40	95	127763	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
Target Compounds						
20) Methylene Chloride	4.52	84	31217	15.756	ug/l	98
43) Isopropyl Acetate	8.14	43	31915	7.535	ug/l #	90

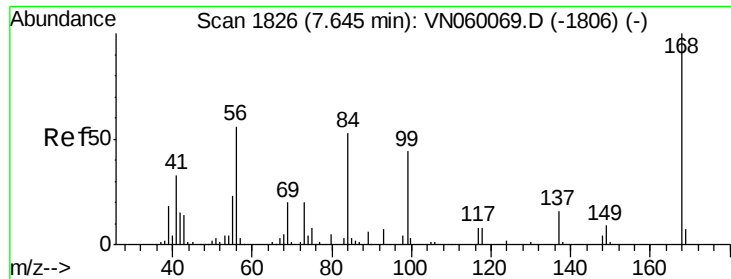
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
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: VN060095.D

Acq: 13 Feb 2020 15:22

Instrument :

MSVOA_N

ClientSampleId :

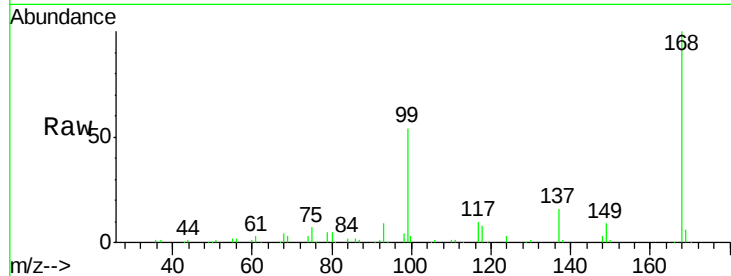
PB126782ZHE#15

Tot Ion:168 Resp: 187102

Ion Ratio Lower Upper

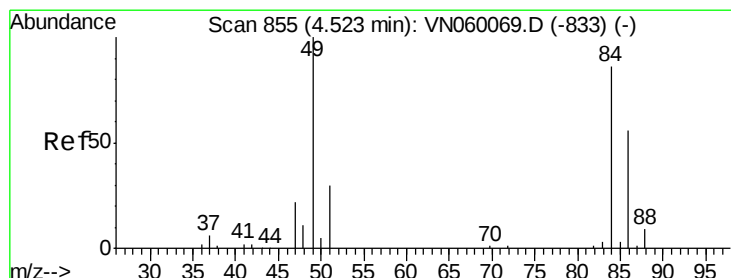
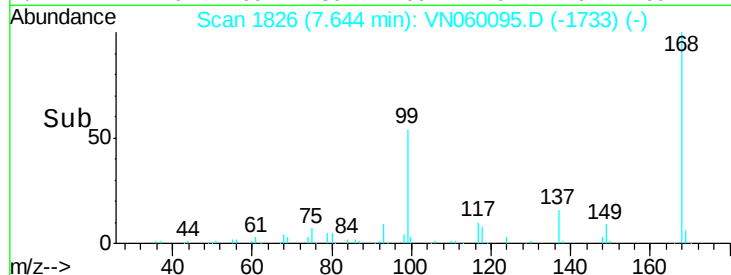
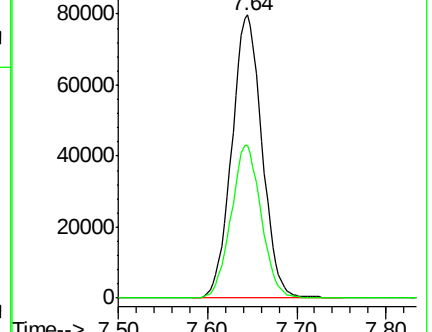
168 100

99 54.0 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 15.756 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: VN060095.D

Acq: 13 Feb 2020 15:22

Tgt Ion: 84 Resp: 31217

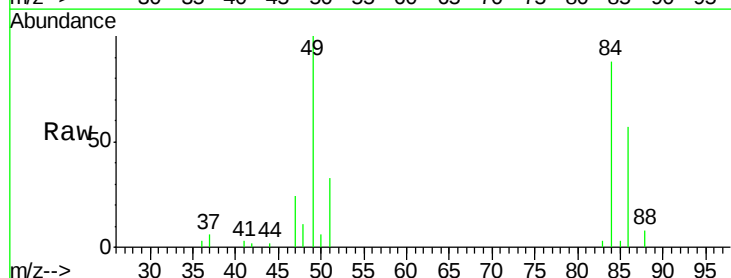
Ion Ratio Lower Upper

84 100

49 113.1 93.4 140.0

51 36.9 28.4 42.6

86 64.9 52.5 78.7

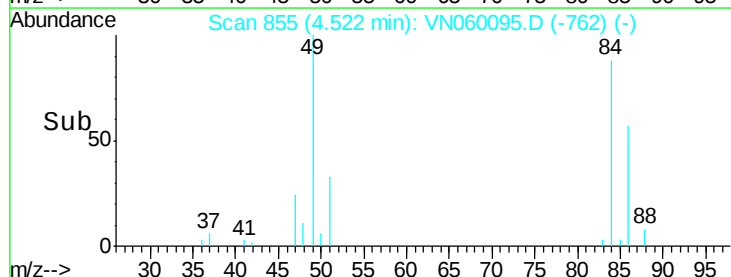
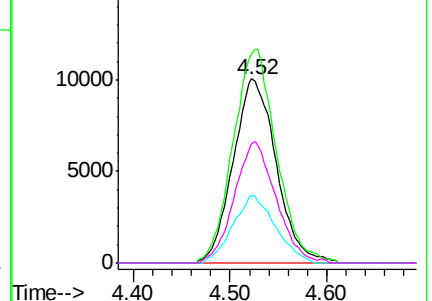


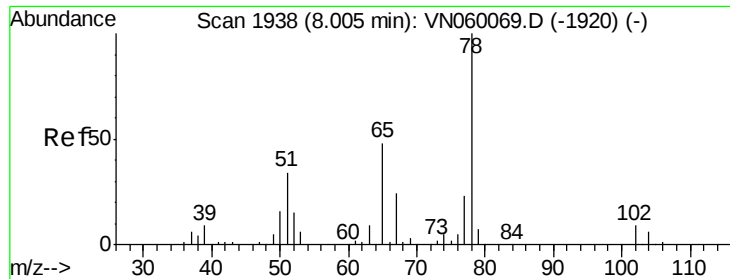
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 48.766 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060095.D

Acq: 13 Feb 2020 15:22

Instrument :

MSVOA_N

ClientSampleId :

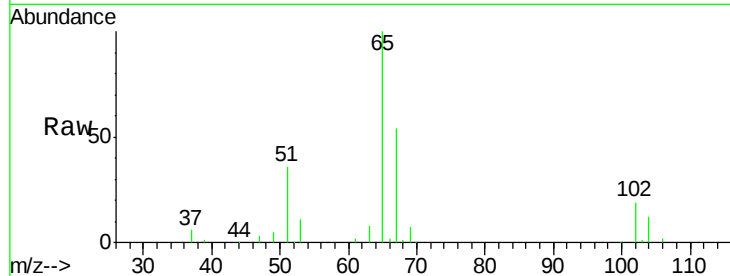
PB126782ZHE#15

Tot Ion: 65 Resp: 111027

Ion Ratio Lower Upper

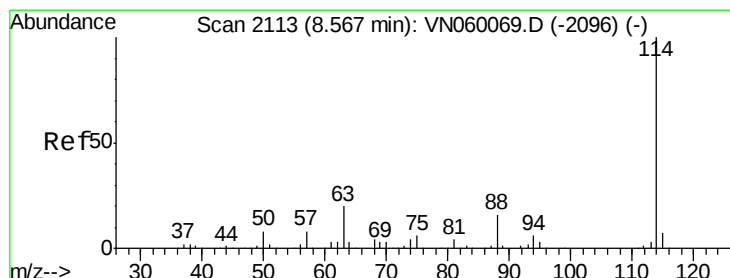
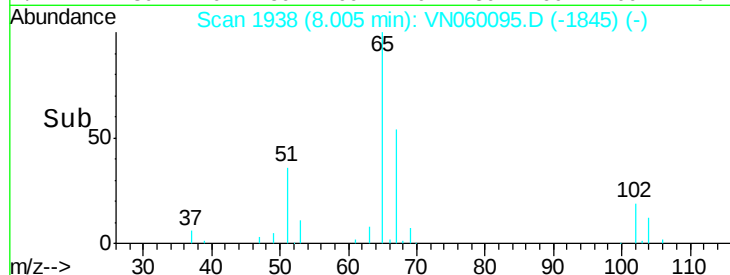
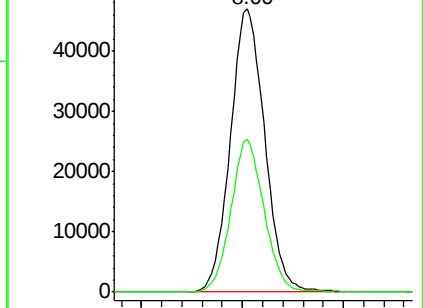
65 100

67 52.2 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN060069.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN060069.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: VN060095.D

Acq: 13 Feb 2020 15:22

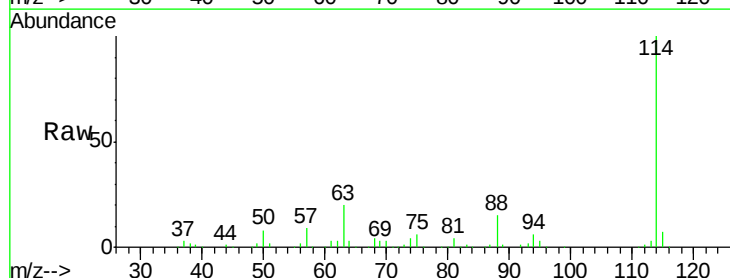
Tgt Ion: 114 Resp: 296010

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

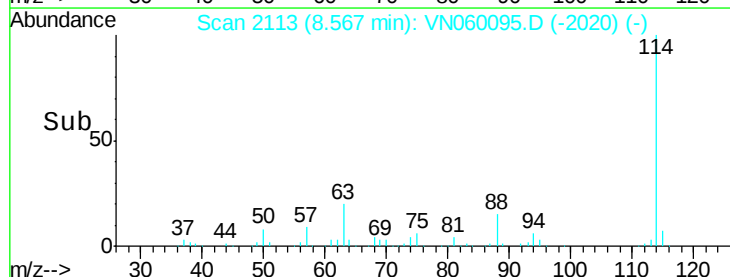
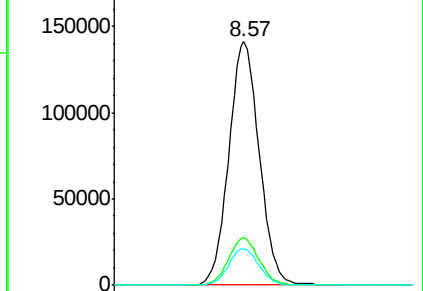
88 14.9 0.0 31.6

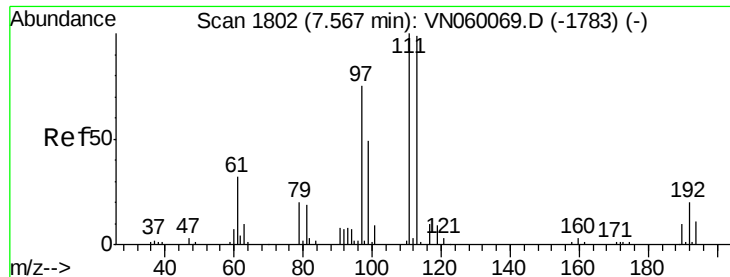


Abundance Ion 113.90 (113.60 to 114.60): VN060069.D (-2096) (-)

Ion 63.00 (62.70 to 63.70): VN060069.D (-2096) (-)

Ion 87.90 (87.60 to 88.60): VN060069.D (-2096) (-)

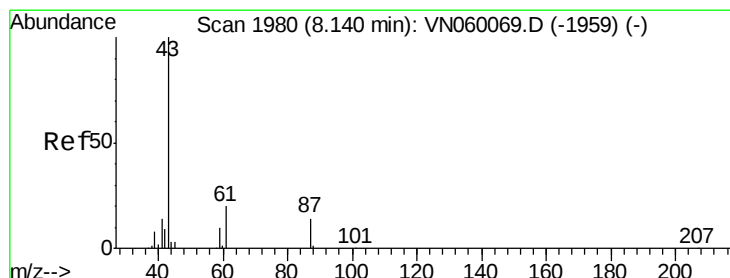
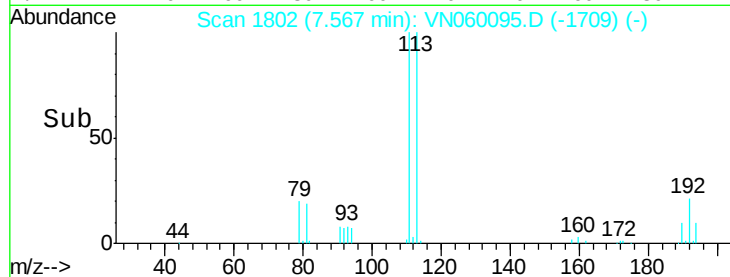
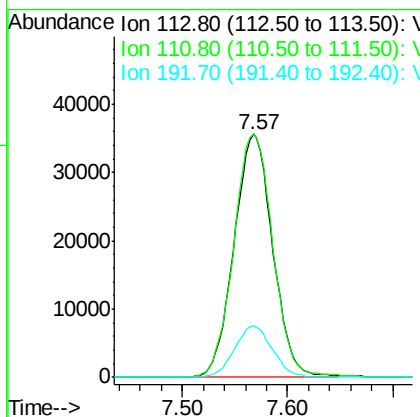
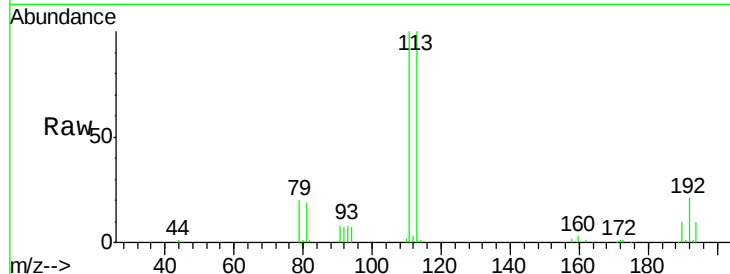




#35
 Dibromofluoromethane
 Concen: 49.632 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060095.D
 Acq: 13 Feb 2020 15:22

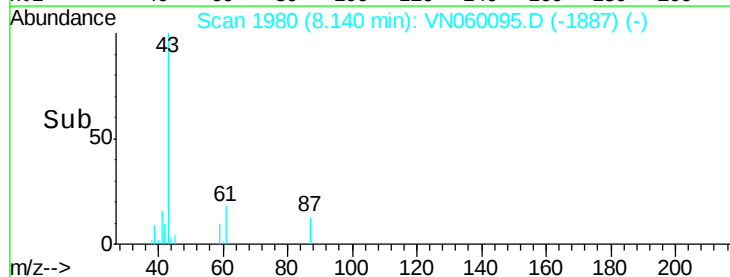
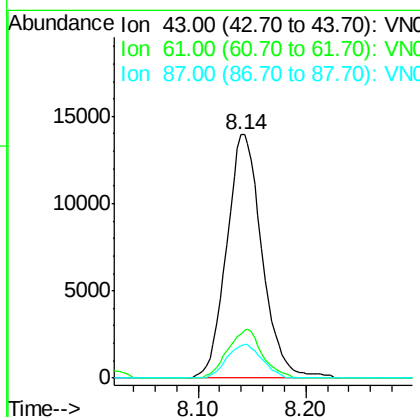
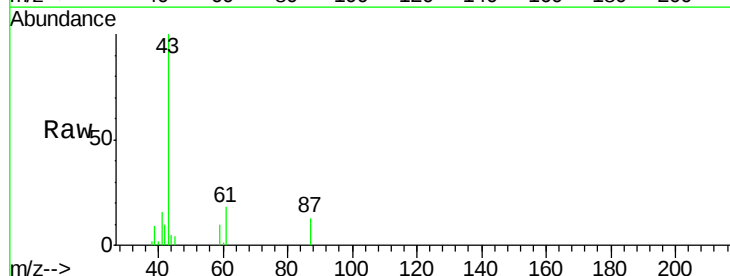
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126782ZHE#15

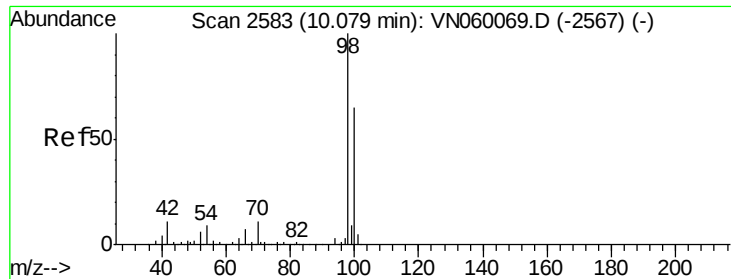
Tot Ion:113 Resp: 90310
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.2
 192 20.6 16.2 24.2



#43
 Isopropyl Acetate
 Concen: 7.535 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: VN060095.D
 Acq: 13 Feb 2020 15:22

Tgt Ion: 43 Resp: 31915
 Ion Ratio Lower Upper
 43 100
 61 19.4 21.8 32.6#
 87 13.7 11.4 17.2





#50

Toluene-d8

Concen: 50.287 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060095.D

Acq: 13 Feb 2020 15:22

Instrument :

MSVOA_N

ClientSampleId :

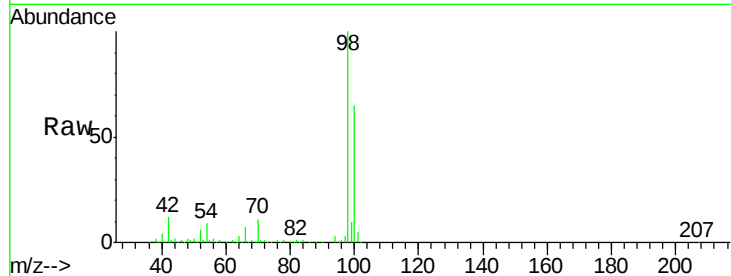
PB126782ZHE#15

Tot Ion: 98 Resp: 360324

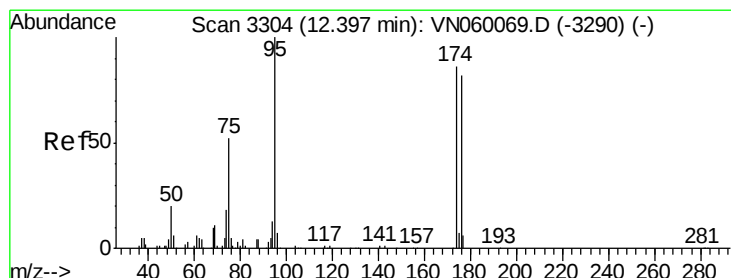
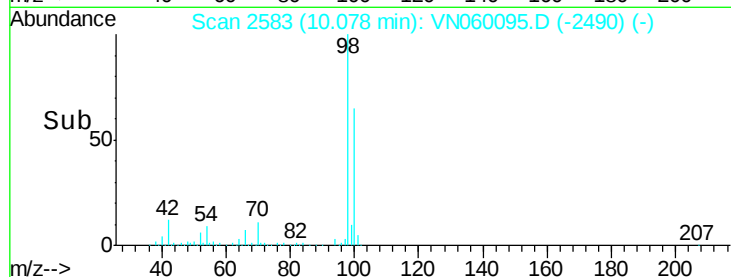
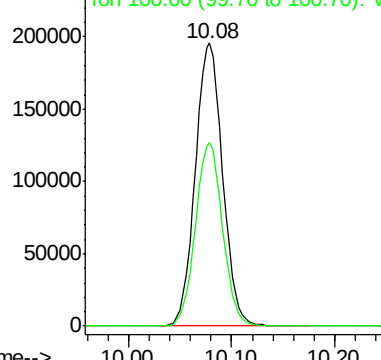
Ion Ratio Lower Upper

98 100

100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN060069.D (-2567) (-)



#62

4-Bromofluorobenzene

Concen: 48.525 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060095.D

Acq: 13 Feb 2020 15:22

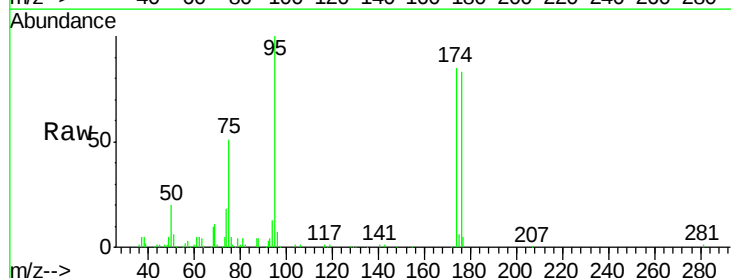
Tgt Ion: 95 Resp: 127763

Ion Ratio Lower Upper

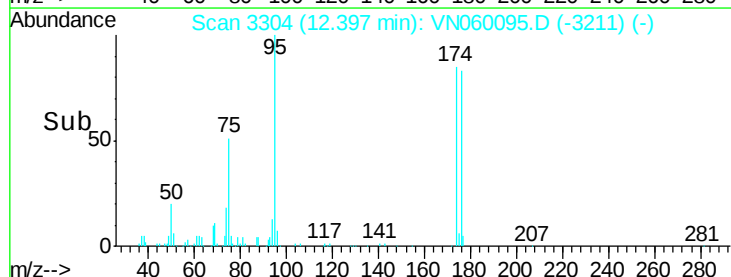
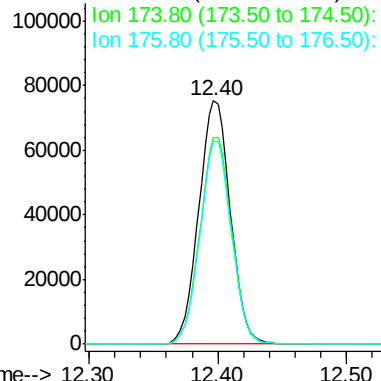
95 100

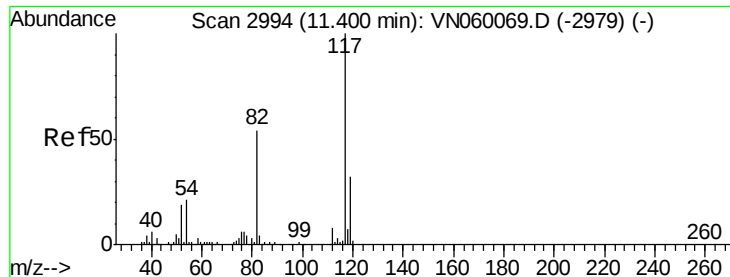
174 85.3 0.0 169.8

176 82.5 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN060069.D (-3290) (-)

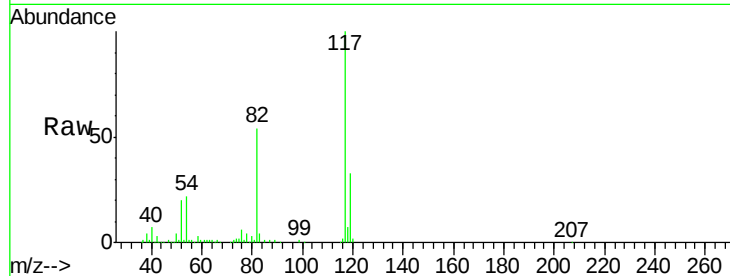




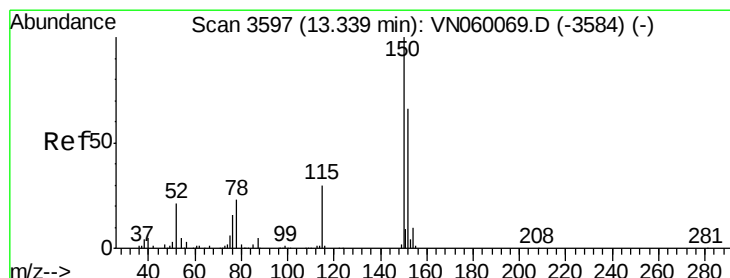
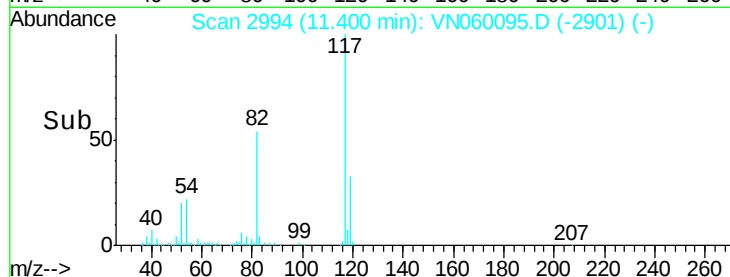
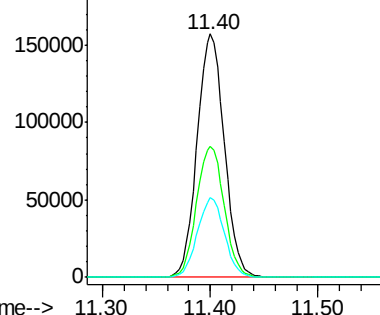
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060095.D
Acq: 13 Feb 2020 15:22

Instrument :
MSVOA_N
ClientSampleId :
PB126782ZHE#15

Tot Ion:117 Resp: 275901
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 32.6 25.8 38.6

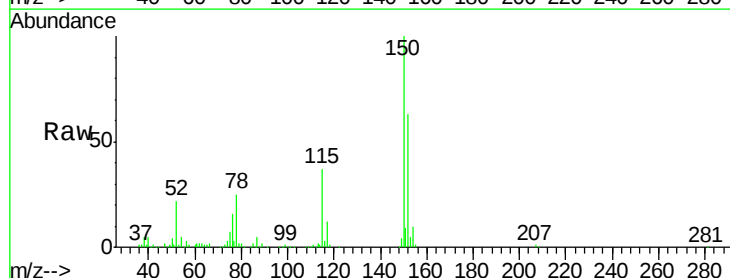


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060095.D
Acq: 13 Feb 2020 15:22

Tgt Ion:152 Resp: 125034
Ion Ratio Lower Upper
152 100
115 58.4 28.9 86.8
150 159.7 0.0 342.4



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

