

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020320\
 Data File : VN059971.D
 Acq On : 3 Feb 2020 13:54
 Operator : JC/MD
 Sample : PB126526TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126526TB

Quant Time: Feb 03 15:30:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

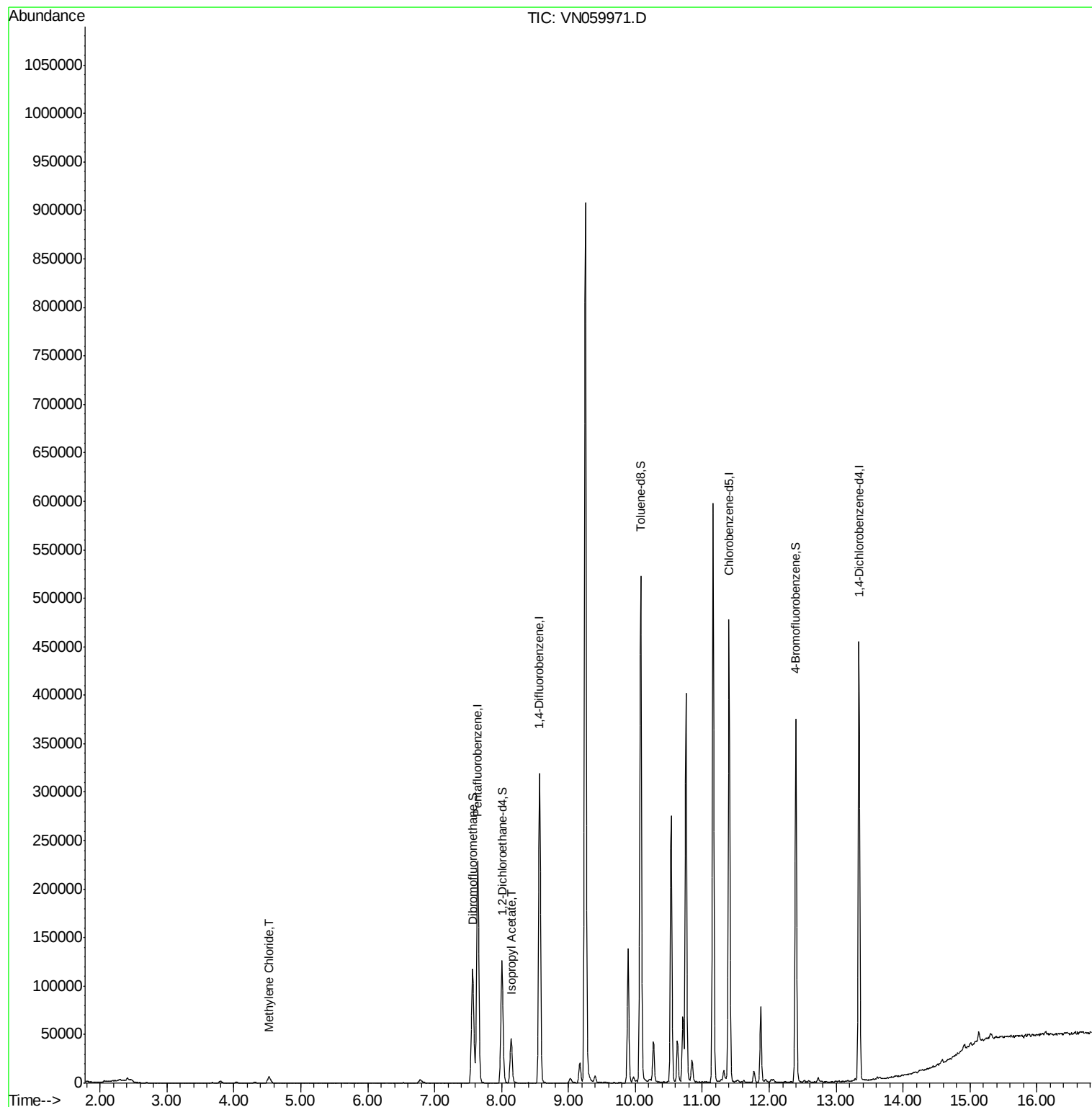
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	192262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	298105	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	274655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	122487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	107803	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
35) Dibromofluoromethane	7.57	113	89402	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
50) Toluene-d8	10.08	98	356704	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.40	95	125135	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
Target Compounds						
20) Methylene Chloride	4.53	84	5618	1.657	ug/l	86
43) Isopropyl Acetate	8.14	43	55024	13.138	ug/l #	91

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

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 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: VN059971.D

Acq: 3 Feb 2020 13:54

Instrument :

MSVOA_N

ClientSampleId :

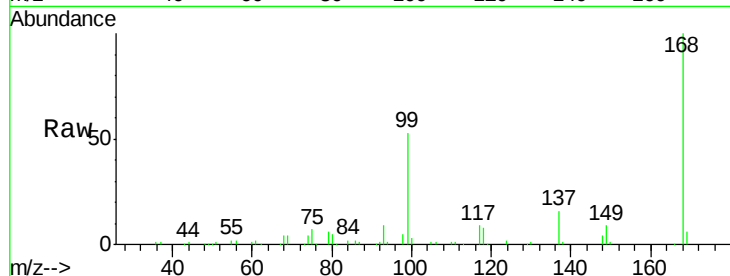
PB126526TB

Tot Ion:168 Resp: 192262

Ion Ratio Lower Upper

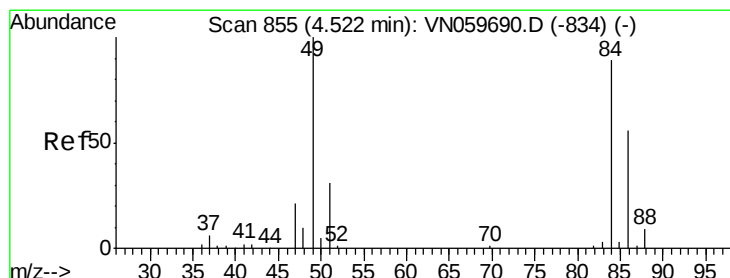
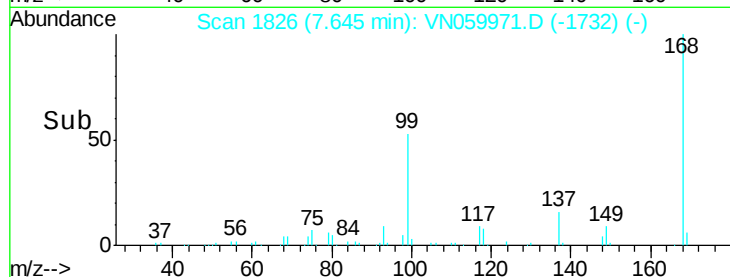
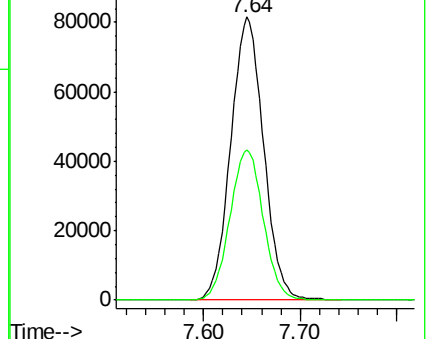
168 100

99 53.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.657 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN059971.D

Acq: 3 Feb 2020 13:54

Tgt Ion: 84 Resp: 5618

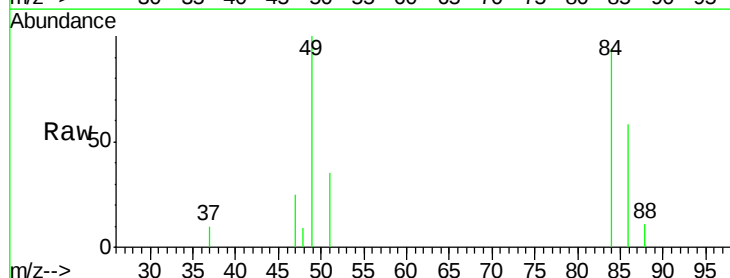
Ion Ratio Lower Upper

84 100

49 106.8 106.6 160.0

51 37.0 31.9 47.9

86 61.5 50.8 76.2

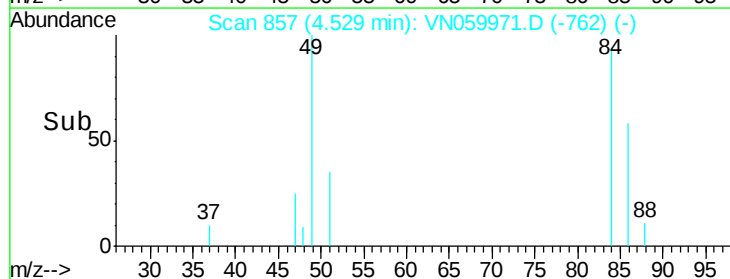
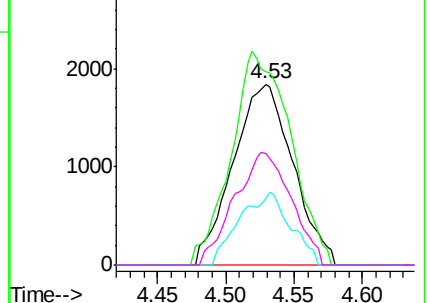


Abundance Ion 83.90 (83.60 to 84.60): VNO

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

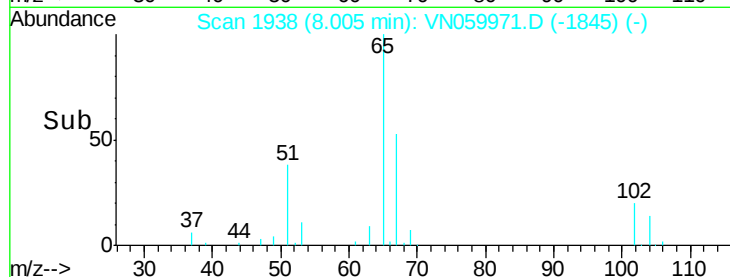
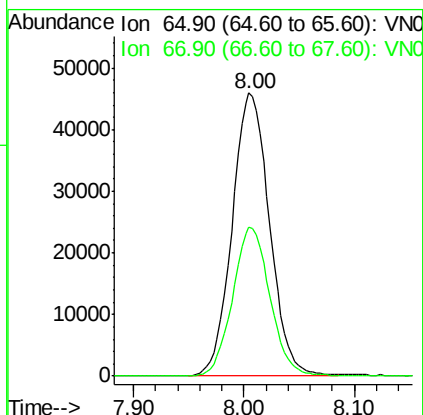
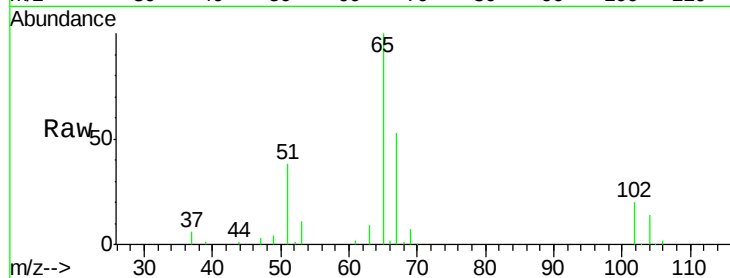




#33
 1,2-Dichloroethane-d4
 Concen: 50.490 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059971.D
 Acq: 3 Feb 2020 13:54

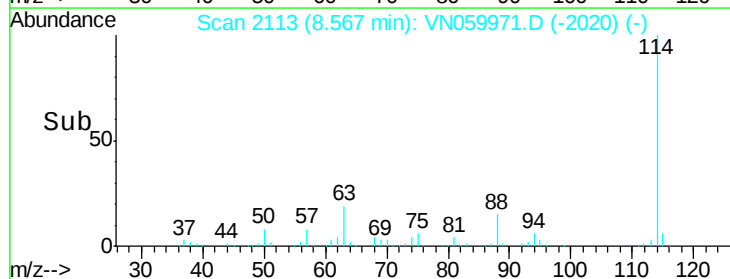
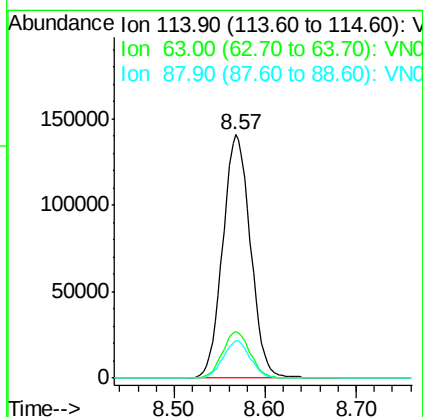
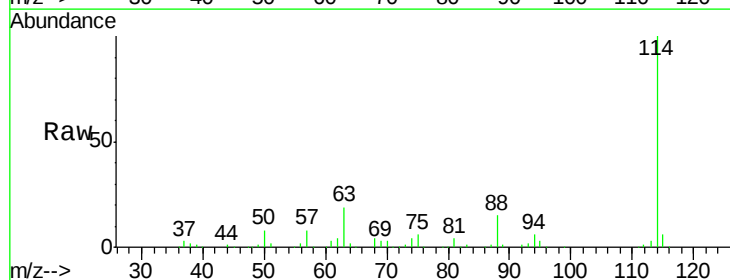
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126526TB

Tot Ion: 65 Resp: 107803
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059971.D
 Acq: 3 Feb 2020 13:54

Tgt Ion: 114 Resp: 298105
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 43.6
 88 15.3 0.0 31.4

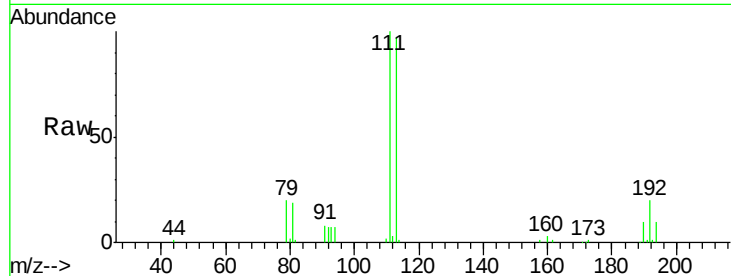




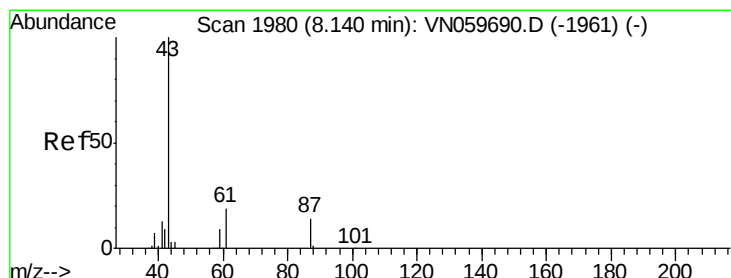
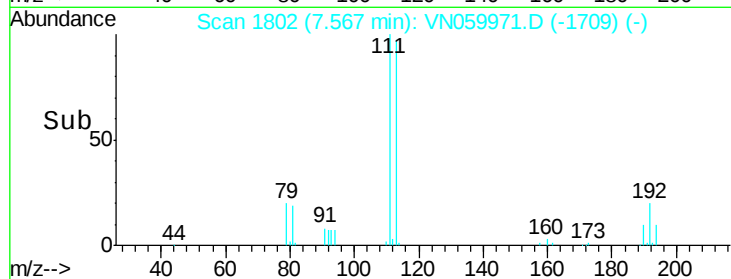
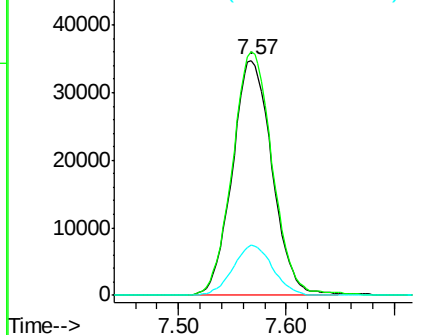
#35
 Dibromofluoromethane
 Concen: 50.290 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059971.D
 Acq: 3 Feb 2020 13:54

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126526TB

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.5	125.3
192	21.1	15.4	23.2

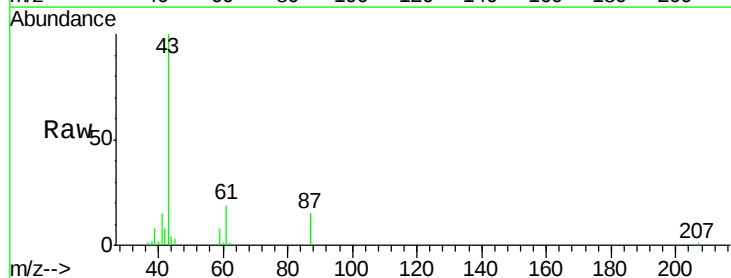


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

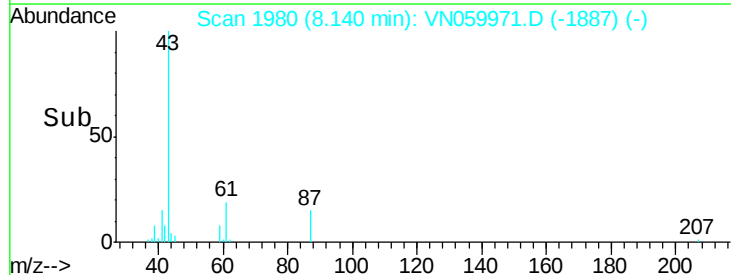
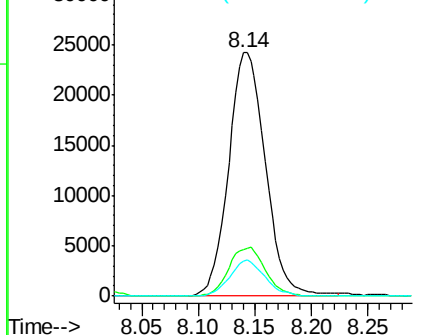


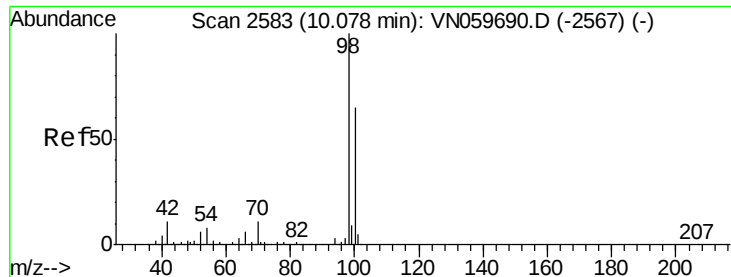
#43
 Isopropyl Acetate
 Concen: 13.138 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN059971.D
 Acq: 3 Feb 2020 13:54

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.9	20.2	30.2#
87	13.9	9.5	14.3



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 51.788 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059971.D

Acq: 3 Feb 2020 13:54

Instrument :

MSVOA_N

ClientSampleId :

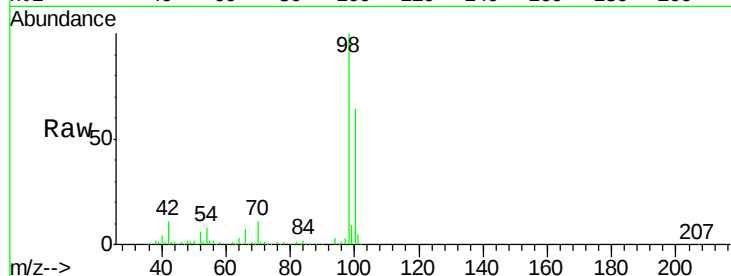
PB126526TB

Tot Ion: 98 Resp: 356704

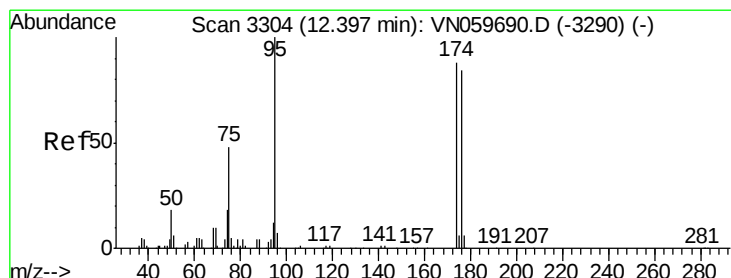
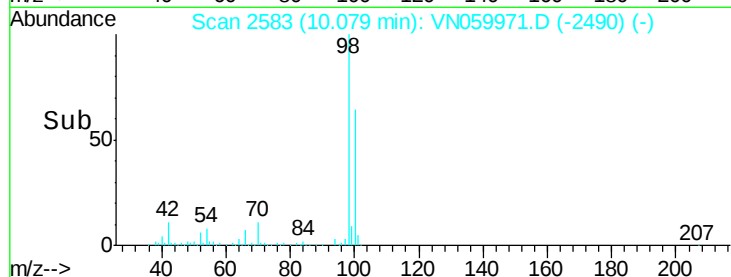
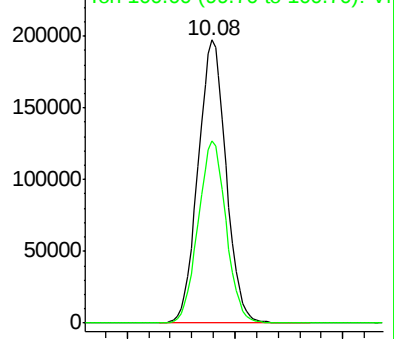
Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059690.D (-2567) (-)



#62

4-Bromofluorobenzene

Concen: 50.396 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059971.D

Acq: 3 Feb 2020 13:54

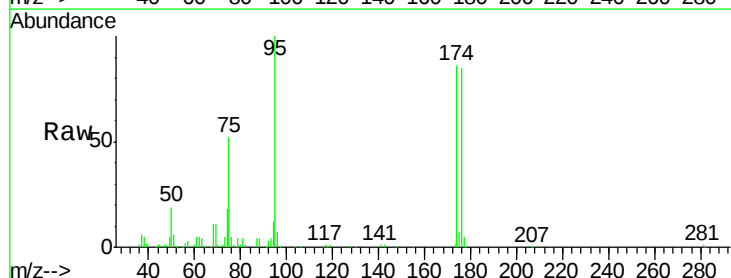
Tgt Ion: 95 Resp: 125135

Ion Ratio Lower Upper

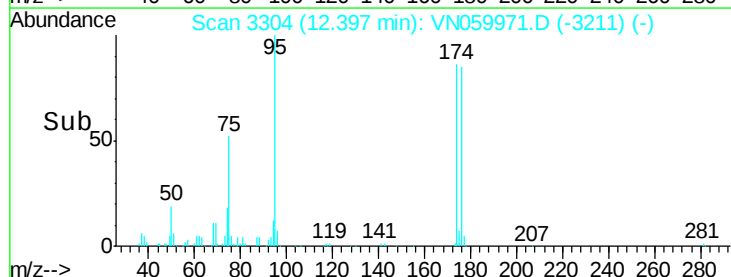
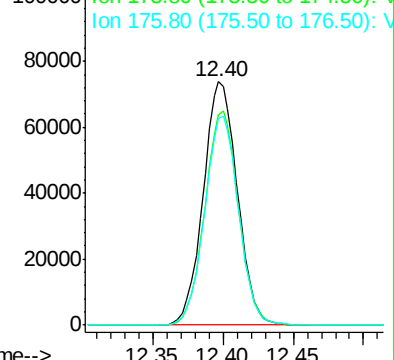
95 100

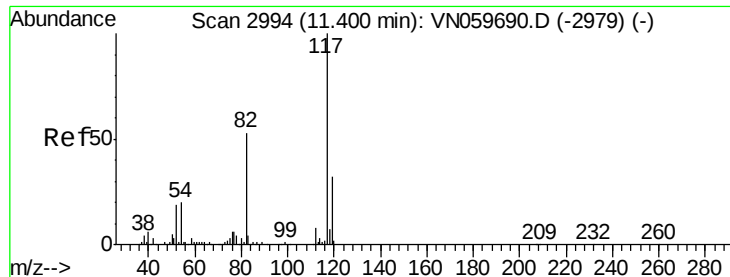
174 86.7 0.0 151.4

176 85.2 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059690.D (-3290) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059971.D

Acq: 3 Feb 2020 13:54

Instrument :

MSVOA_N

ClientSampleId :

PB126526TB

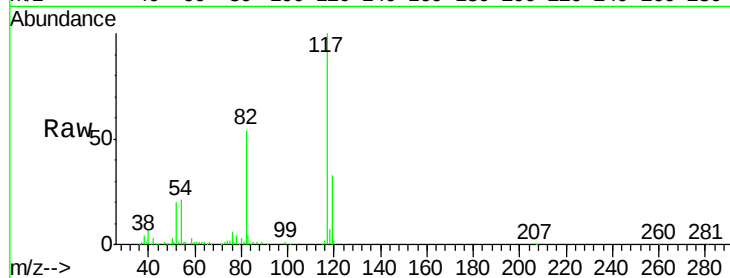
Tot Ion:117 Resp: 274655

Ion Ratio Lower Upper

117 100

82 54.1 45.9 68.9

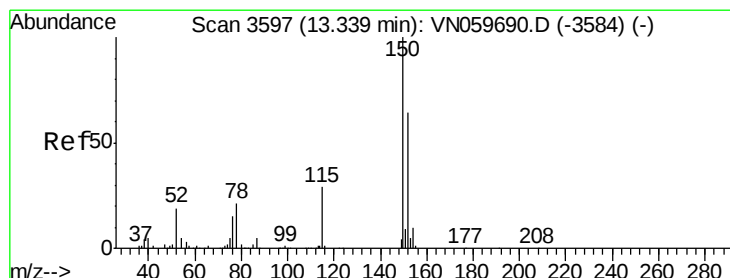
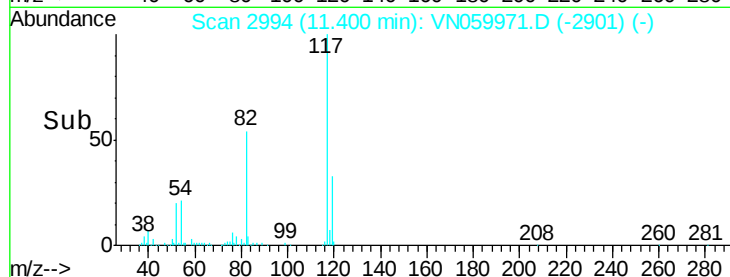
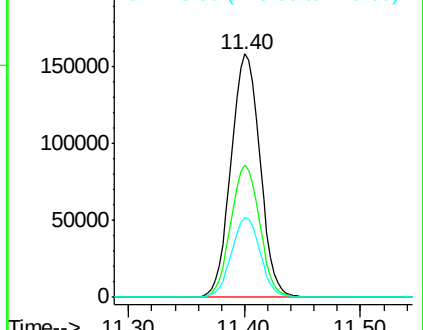
119 33.0 25.5 38.3



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# 3598

Delta R.T. 0.00 min

Lab File: VN059971.D

Acq: 3 Feb 2020 13:54

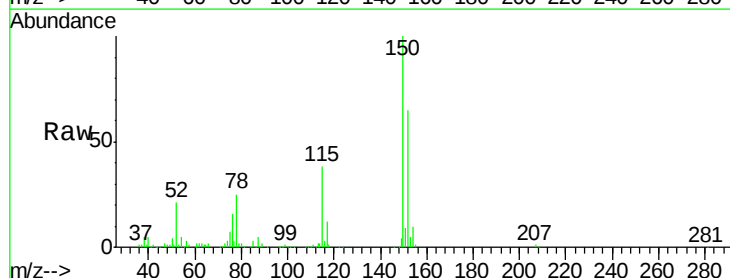
Tgt Ion:152 Resp: 122487

Ion Ratio Lower Upper

152 100

115 58.5 30.3 90.9

150 156.1 0.0 345.2



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

