

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012920\
 Data File : VN059918.D
 Acq On : 29 Jan 2020 17:31
 Operator : JC/MD
 Sample : PB126412ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126412ZHE#05

Quant Time: Jan 30 01:22:57 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

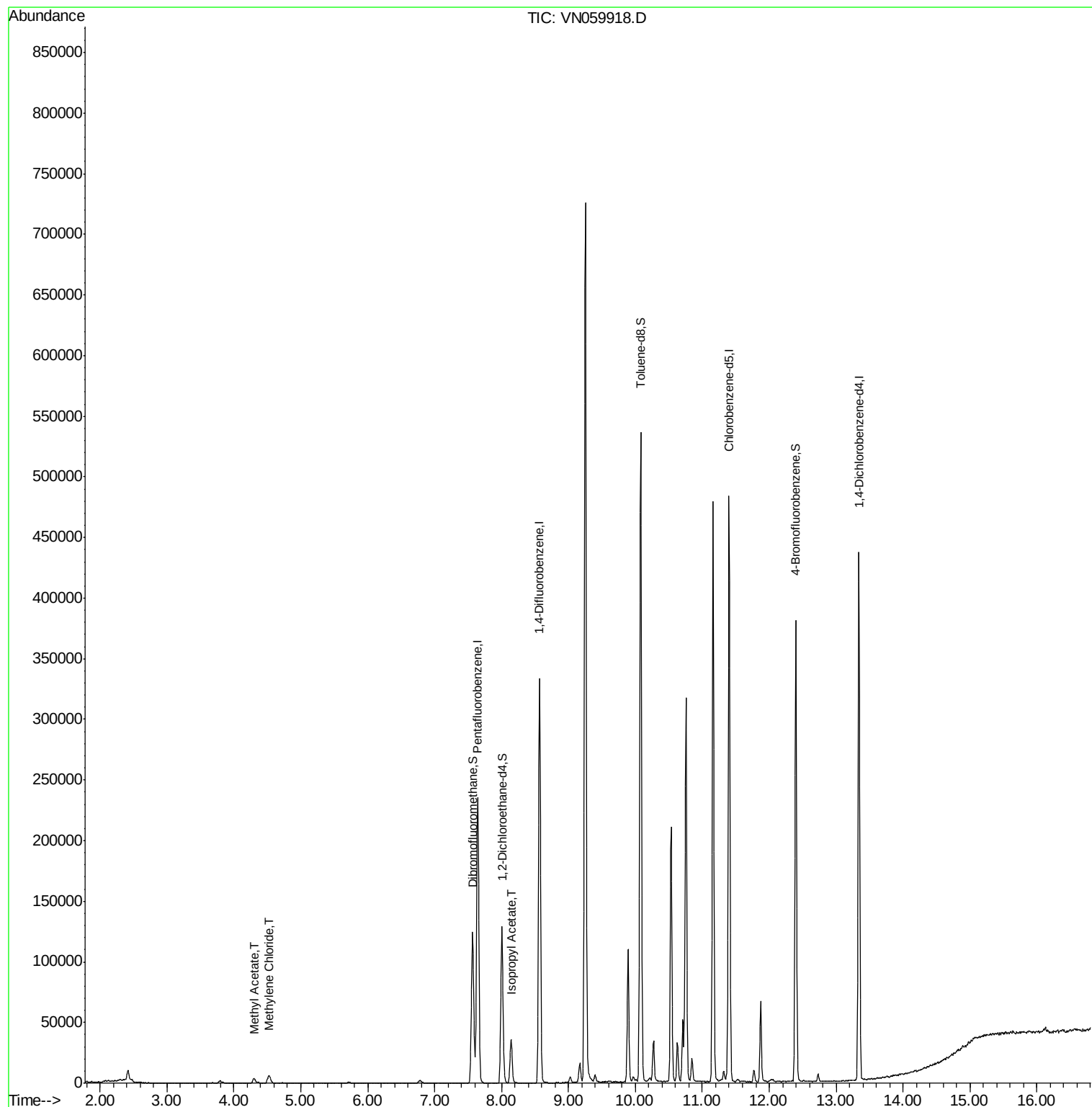
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	205509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	312481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	284908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	121368	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	109923	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
35) Dibromofluoromethane	7.57	113	94104	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
50) Toluene-d8	10.08	98	372881	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.40	95	127885	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
Target Compounds						
18) Methyl Acetate	4.30	43	7079	2.655	ug/l	95
20) Methylene Chloride	4.53	84	5399	1.356	ug/l #	81
43) Isopropyl Acetate	8.14	43	42184	9.609	ug/l #	92

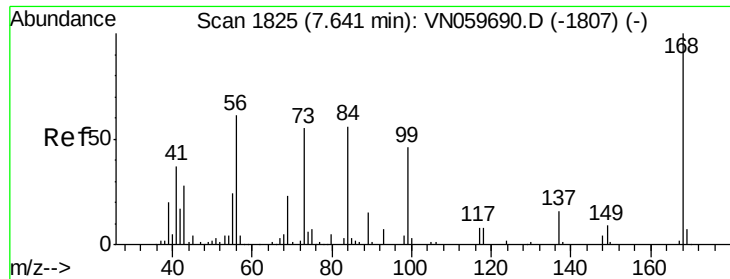
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059918.D

Acq: 29 Jan 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

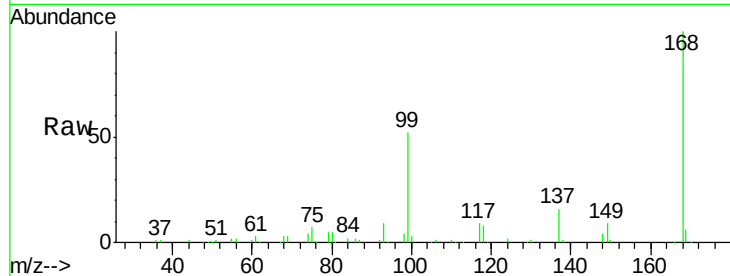
PB126412ZHE#05

Tot Ion:168 Resp: 205509

Ion Ratio Lower Upper

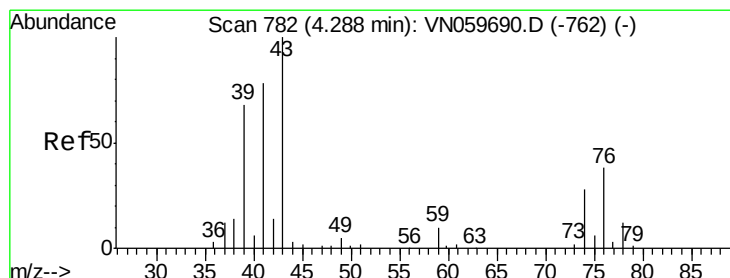
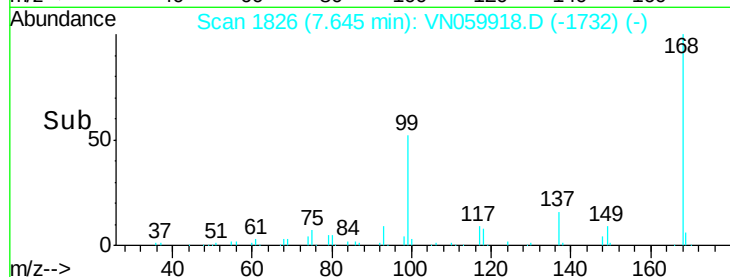
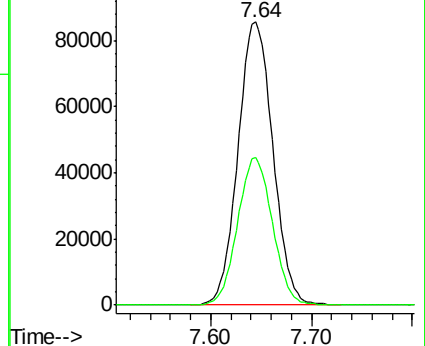
168 100

99 52.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#18

Methyl Acetate

Concen: 2.655 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.01 min

Lab File: VN059918.D

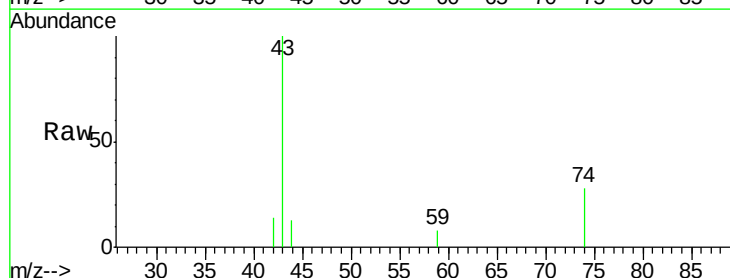
Acq: 29 Jan 2020 17:31

Tgt Ion: 43 Resp: 7079

Ion Ratio Lower Upper

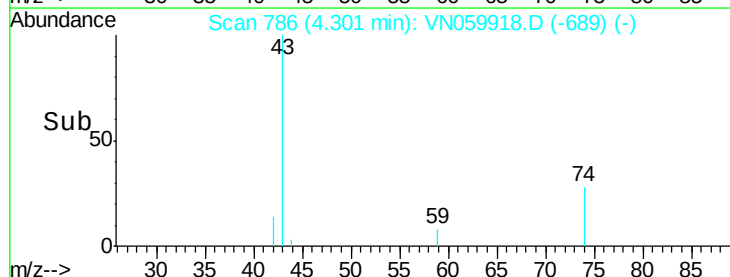
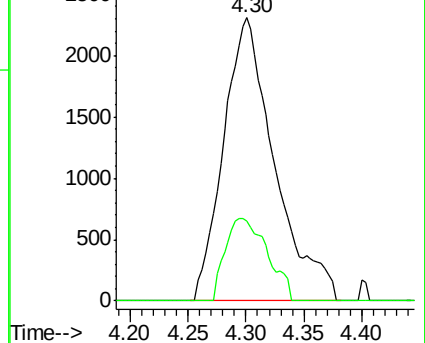
43 100

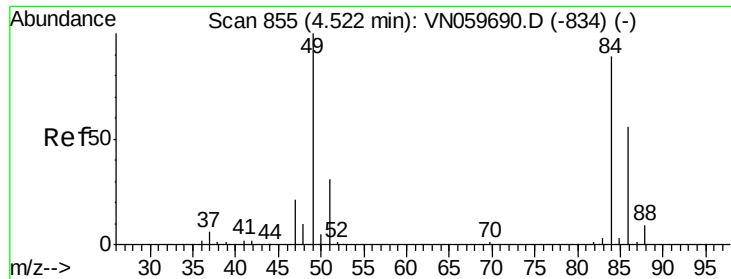
74 24.1 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

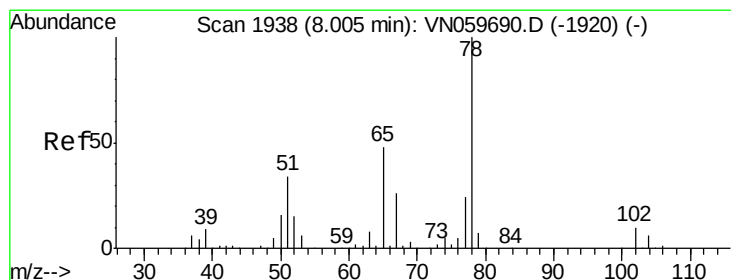
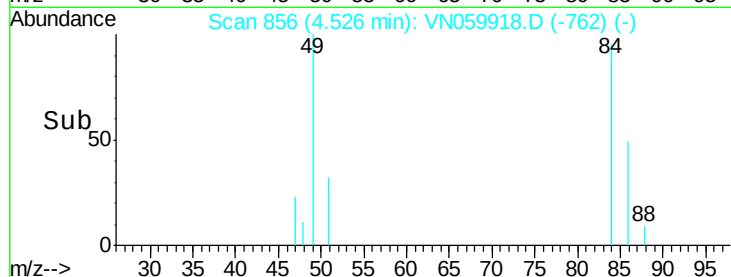
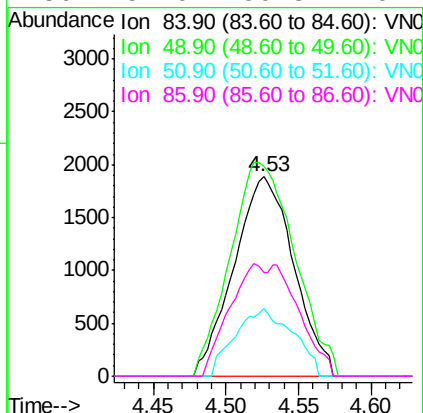
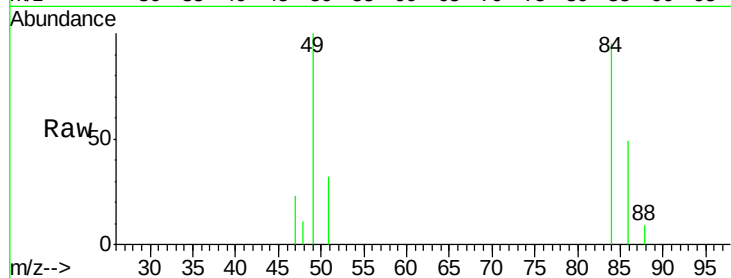




#20
Methylene Chloride
Concen: 1.356 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059918.D
Acq: 29 Jan 2020 17:31

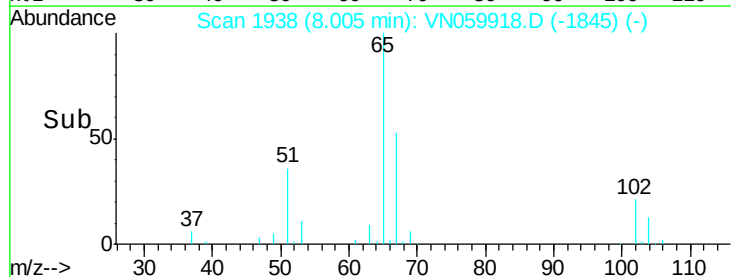
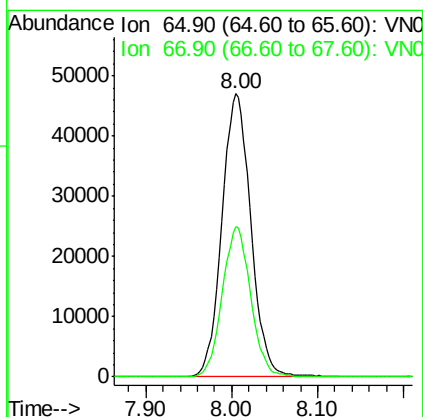
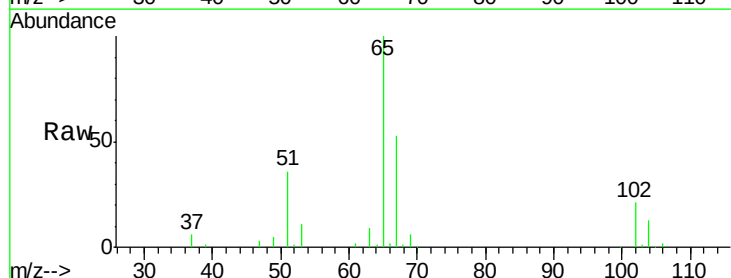
Instrument :
MSVOA_N
ClientSampleId :
PB126412ZHE#05

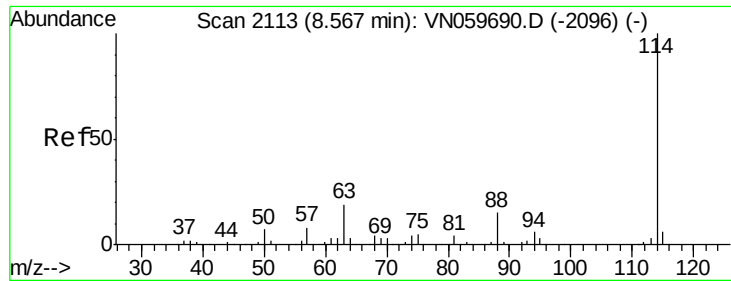
Tot Ion: 84 Resp: 5399
Ion Ratio Lower Upper
84 100
49 105.6 106.6 160.0#
51 33.8 31.9 47.9
86 52.0 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 48.165 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059918.D
Acq: 29 Jan 2020 17:31

Tgt Ion: 65 Resp: 109923
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0

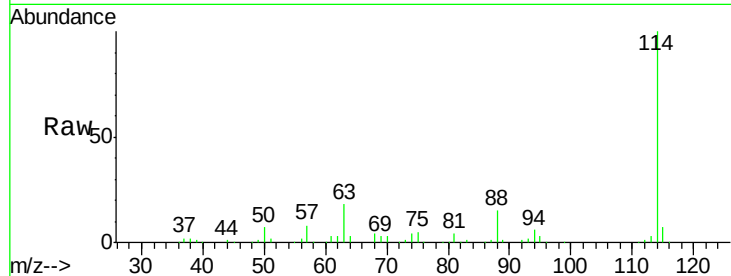




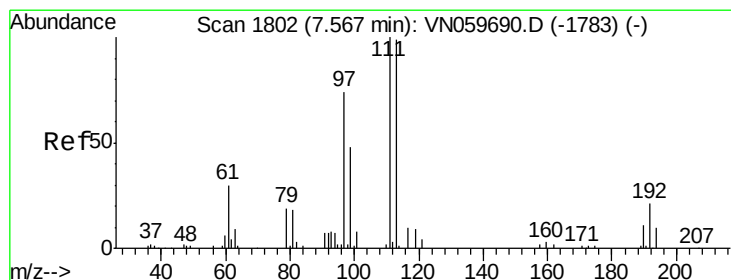
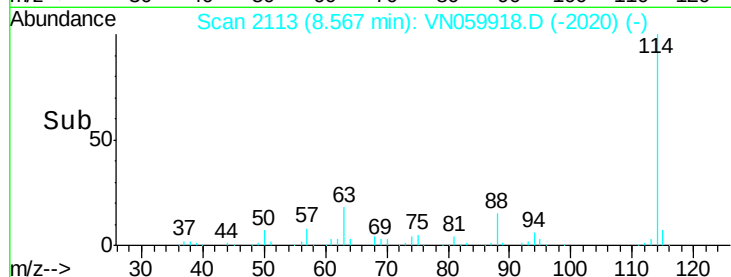
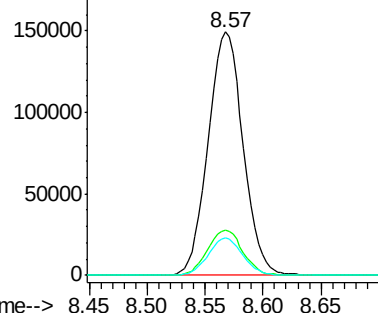
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059918.D
 Acq: 29 Jan 2020 17:31

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126412ZHE#05

Tot Ion:114 Resp: 312481
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 43.6
 88 15.2 0.0 31.4

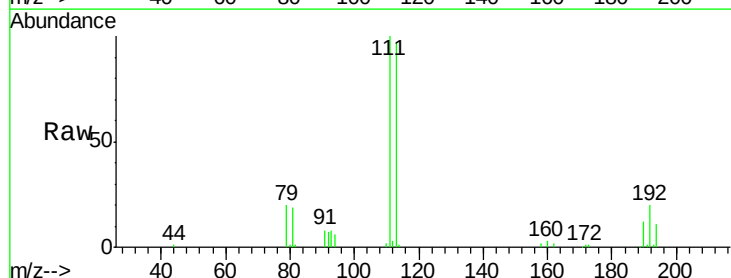


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

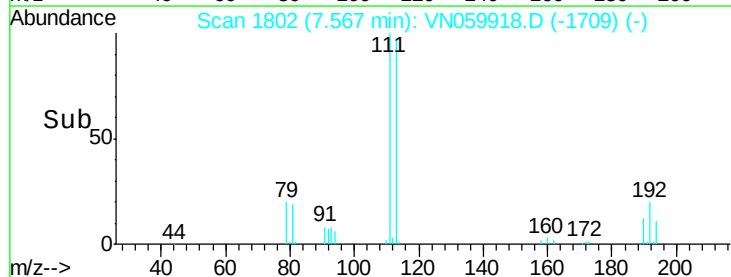
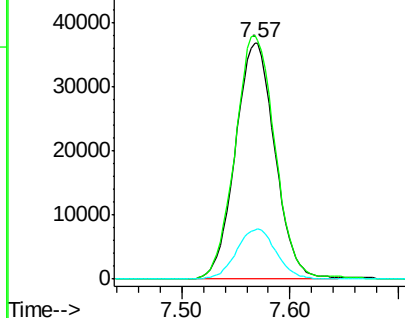


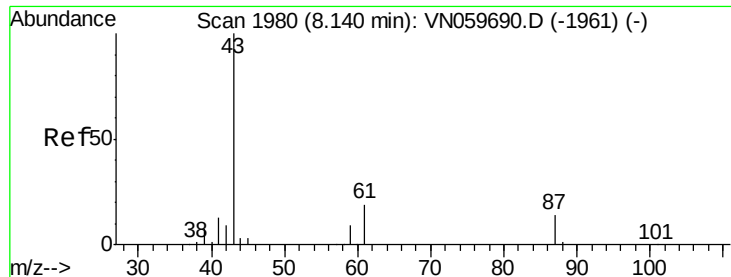
#35
 Dibromofluoromethane
 Concen: 50.500 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059918.D
 Acq: 29 Jan 2020 17:31

Tgt Ion:113 Resp: 94104
 Ion Ratio Lower Upper
 113 100
 111 103.3 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: 9.609 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059918.D

Acq: 29 Jan 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

PB126412ZHE#05

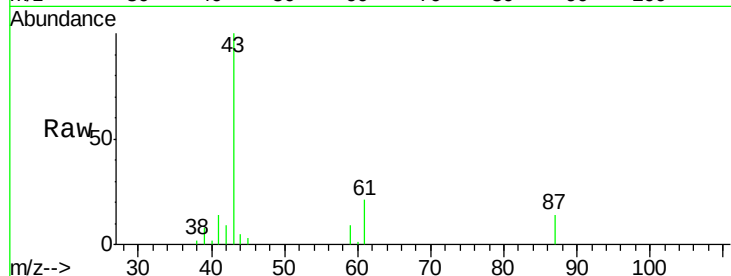
Tot Ion: 43 Resp: 42184

Ion Ratio Lower Upper

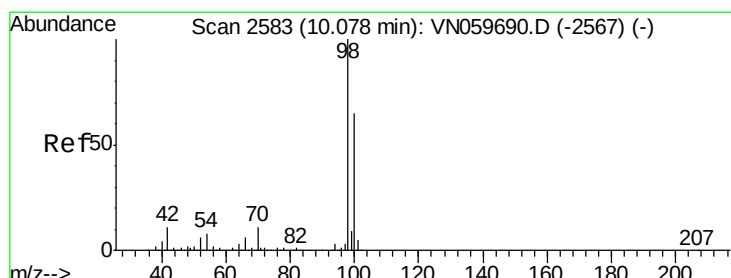
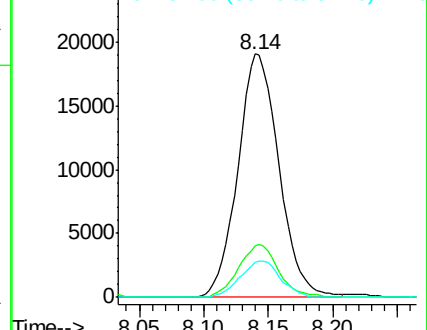
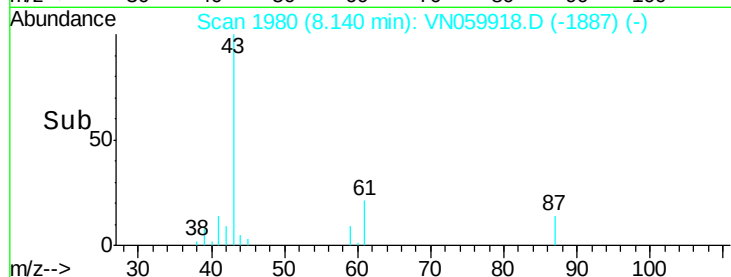
43 100

61 21.1 20.2 30.2

87 14.6 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059918.D (-1887) (-)



#50

Toluene-d8

Concen: 51.646 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059918.D

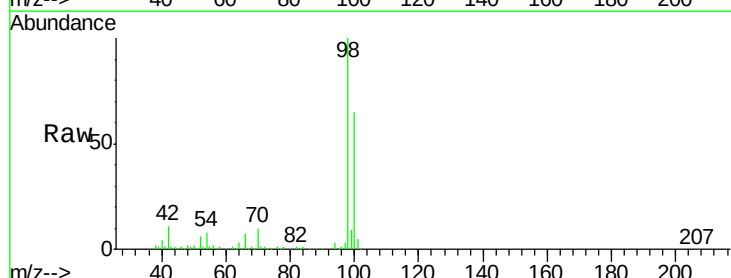
Acq: 29 Jan 2020 17:31

Tgt Ion: 98 Resp: 372881

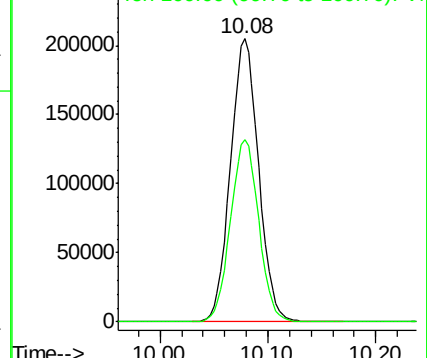
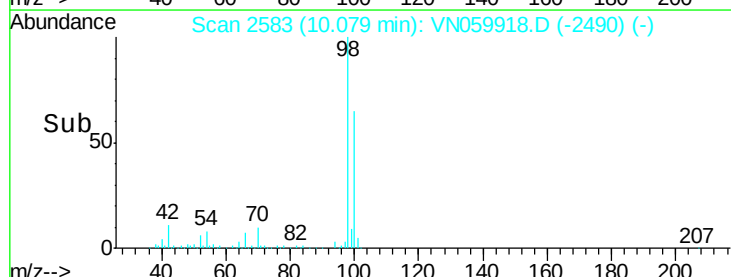
Ion Ratio Lower Upper

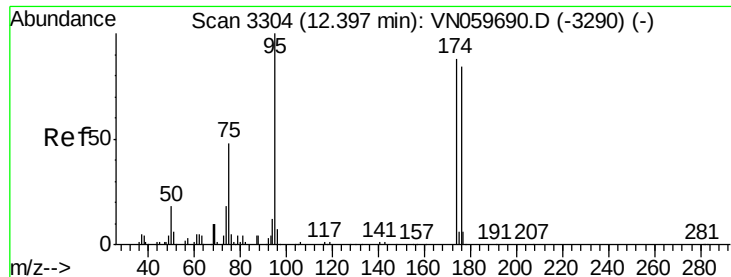
98 100

100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059918.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 49.134 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059918.D

Acq: 29 Jan 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

PB126412ZHE#05

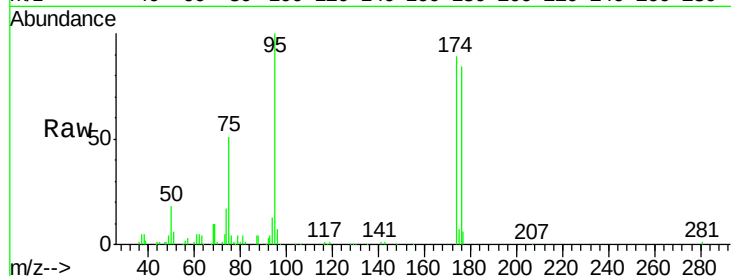
Tot Ion: 95 Resp: 127885

Ion Ratio Lower Upper

95 100

174 89.0 0.0 151.4

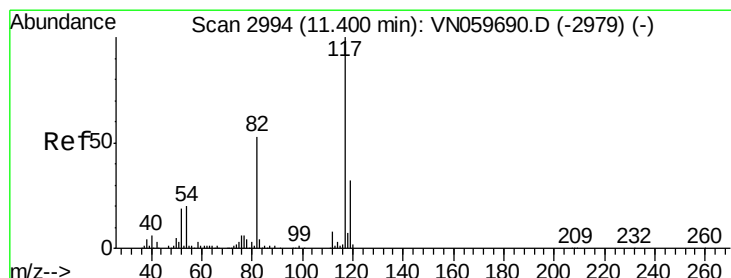
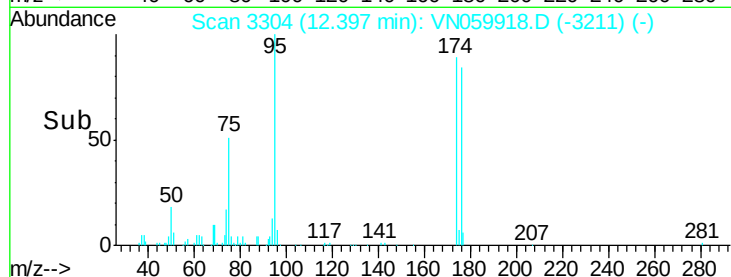
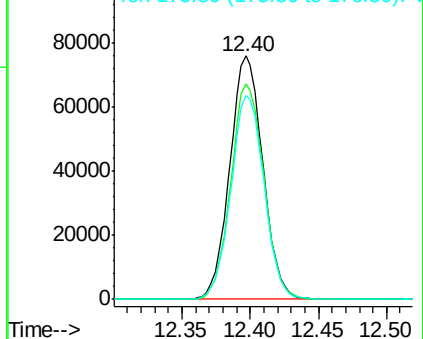
176 84.5 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059918.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059918.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059918.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059918.D

Acq: 29 Jan 2020 17:31

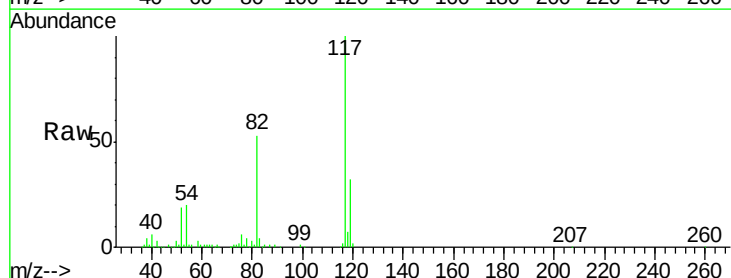
Tgt Ion: 117 Resp: 284908

Ion Ratio Lower Upper

117 100

82 53.1 45.9 68.9

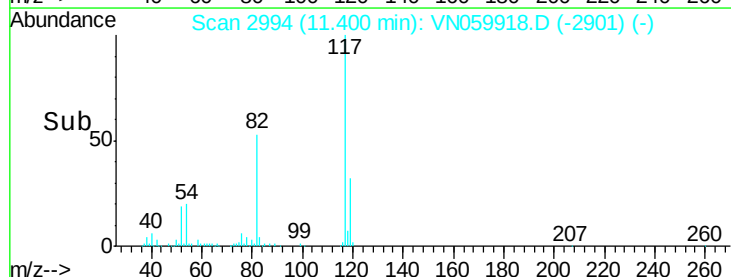
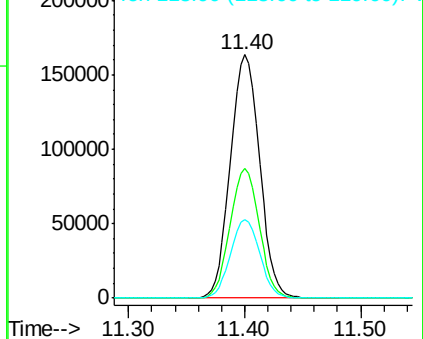
119 32.3 25.5 38.3

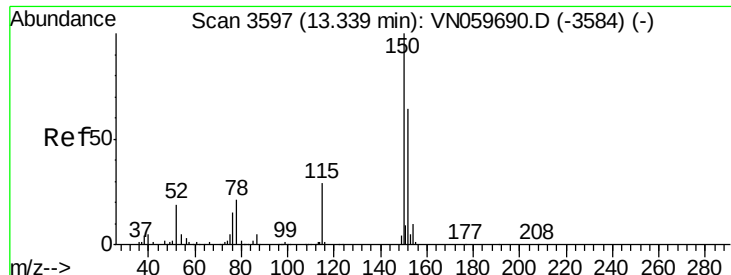


Abundance Ion 116.90 (116.60 to 117.60): VN059918.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059918.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059918.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059918.D

Acq: 29 Jan 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

PB126412ZHE#05

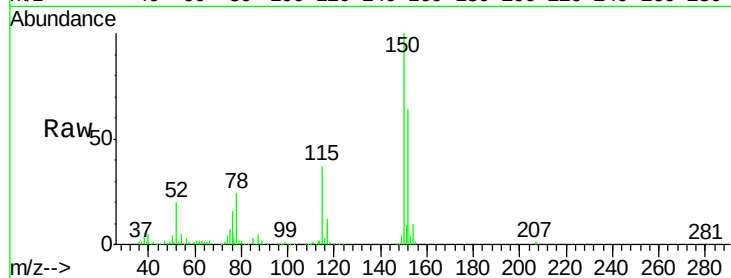
Tot Ion:152 Resp: 121368

Ion Ratio Lower Upper

152 100

115 57.3 30.3 90.9

150 156.8 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

