

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012420\
 Data File : VN059859.D
 Acq On : 24 Jan 2020 20:35
 Operator : JC/MD
 Sample : PB126303ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126303ZHE#08

Quant Time: Jan 25 02:15:33 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

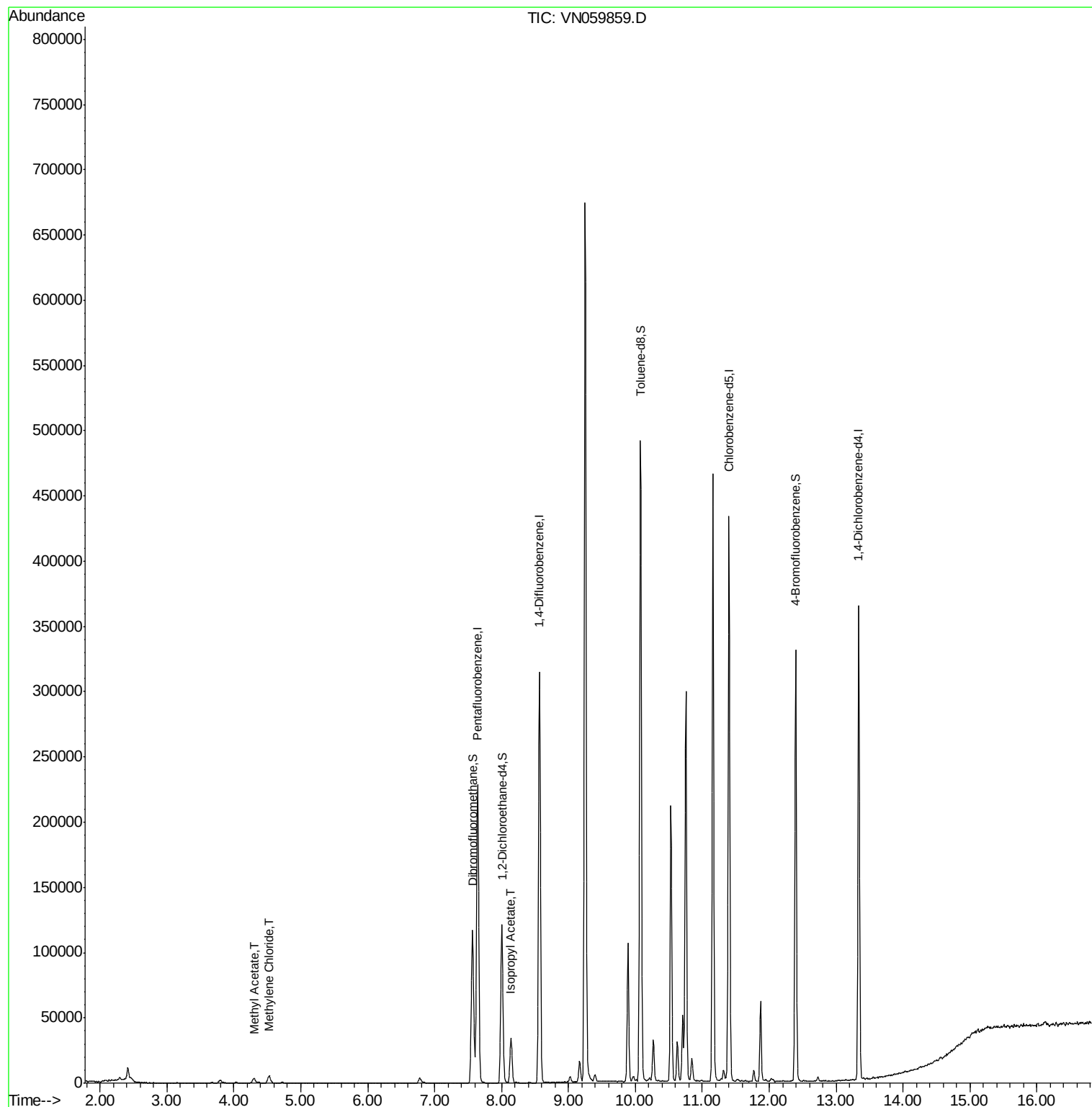
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	196925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	295382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	257936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	100693	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	104514	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
35) Dibromofluoromethane	7.56	113	90859	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
50) Toluene-d8	10.08	98	348566	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.40	95	110498	44.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.82%	
Target Compounds						
18) Methyl Acetate	4.30	43	7071	2.768	ug/l	98
20) Methylene Chloride	4.53	84	4650	1.084	ug/l	89
43) Isopropyl Acetate	8.14	43	40874	9.850	ug/l #	90

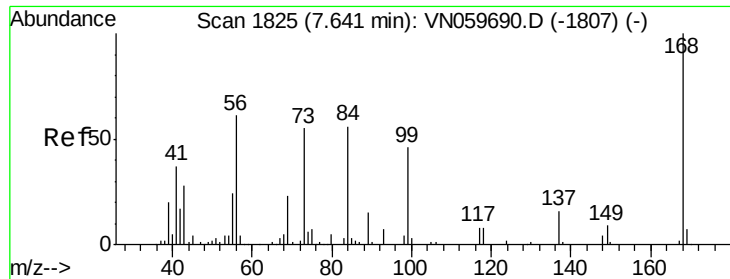
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059859.D

Acq: 24 Jan 2020 20:35

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MSVOA_N

ClientSampleId :

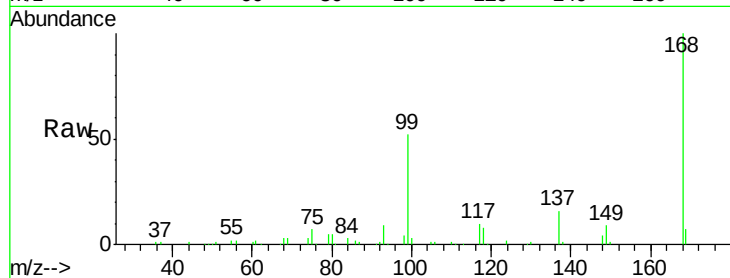
PB126303ZHE#08

Tot Ion:168 Resp: 196925

Ion Ratio Lower Upper

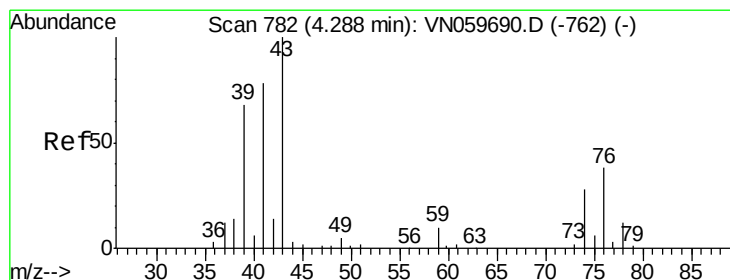
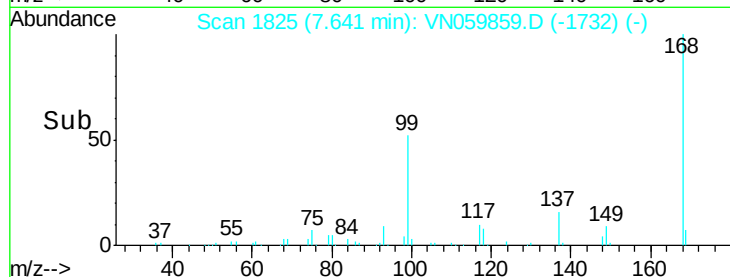
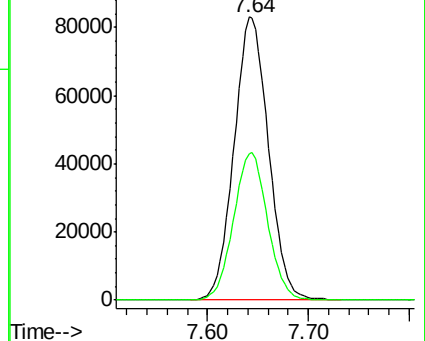
168 100

99 51.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059859.D (-1732) (-)

Ion 98.90 (98.60 to 99.60): VN059859.D (-1732) (-)



#18

Methyl Acetate

Concen: 2.768 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.01 min

Lab File: VN059859.D

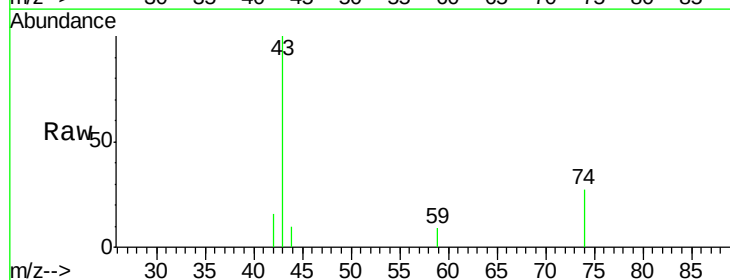
Acq: 24 Jan 2020 20:35

Tgt Ion: 43 Resp: 7071

Ion Ratio Lower Upper

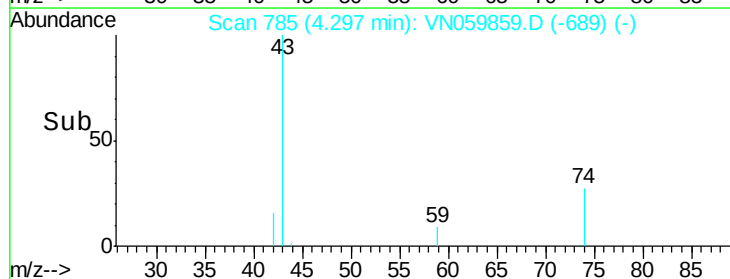
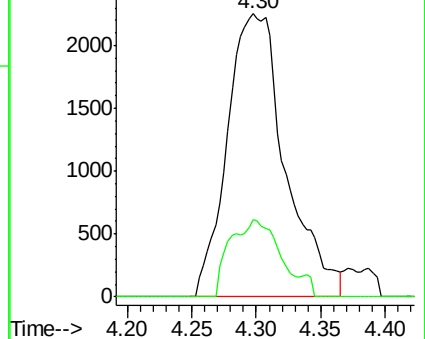
43 100

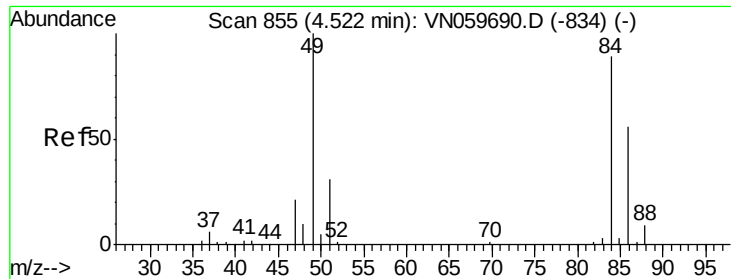
74 22.8 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN059859.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN059859.D (-689) (-)

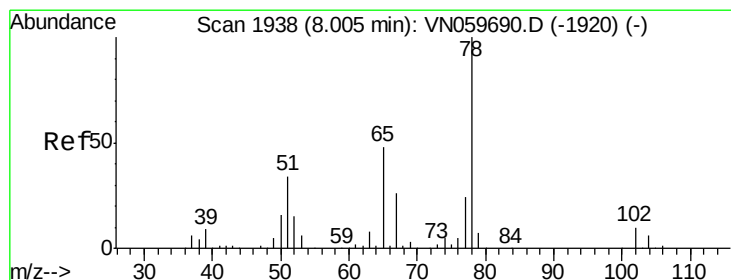
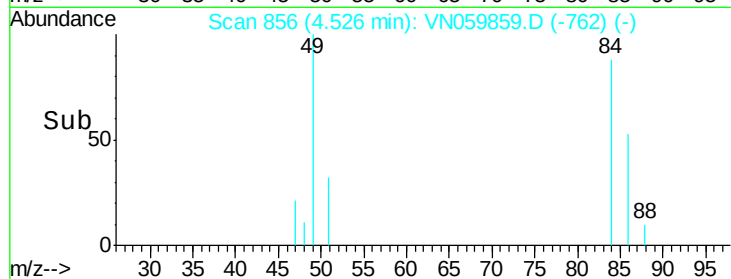
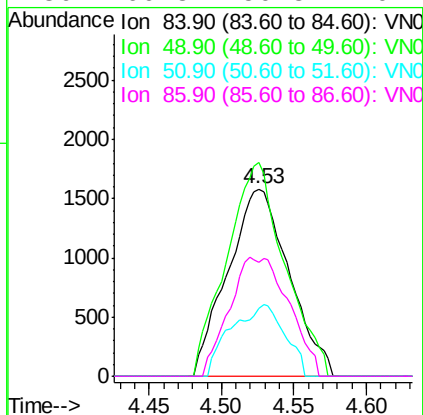
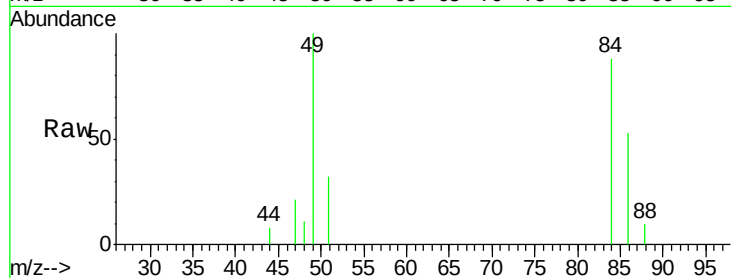




#20
Methylene Chloride
Concen: 1.084 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059859.D
Acq: 24 Jan 2020 20:35

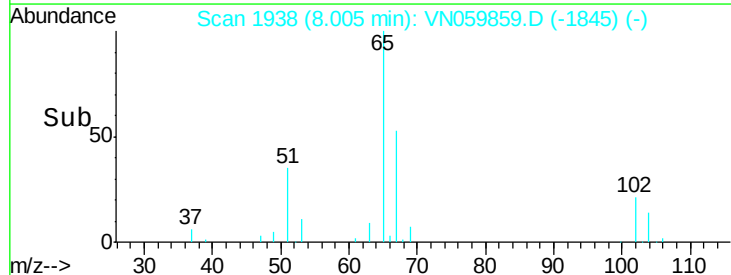
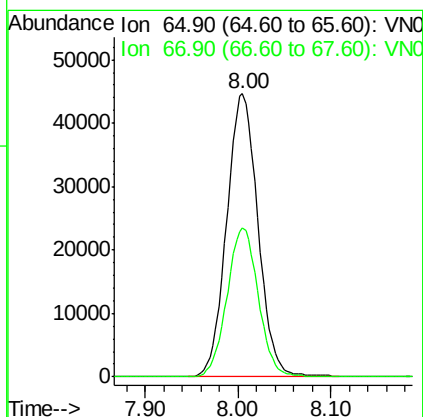
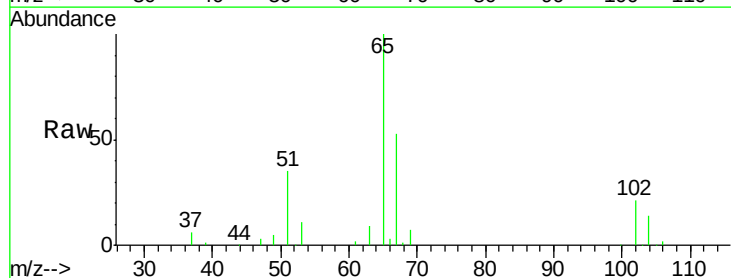
Instrument :
MSVOA_N
ClientSampleId :
PB126303ZHE#08

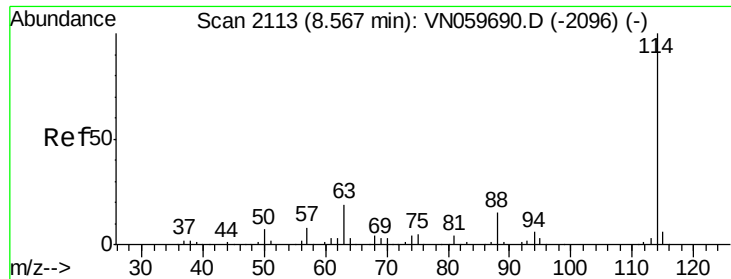
Tot Ion: 84 Resp: 4650
Ion Ratio Lower Upper
84 100
49 114.2 106.6 160.0
51 36.0 31.9 47.9
86 60.8 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 47.791 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059859.D
Acq: 24 Jan 2020 20:35

Tgt Ion: 65 Resp: 104514
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0

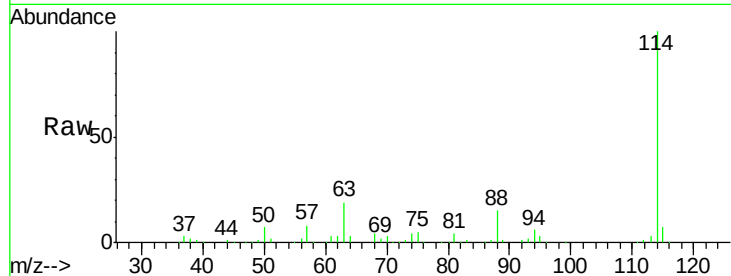




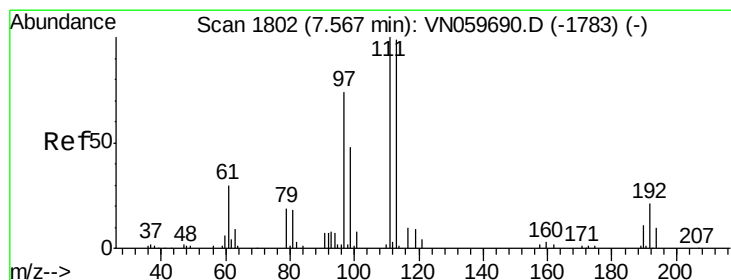
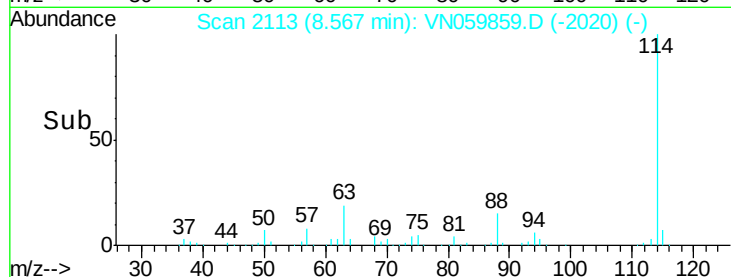
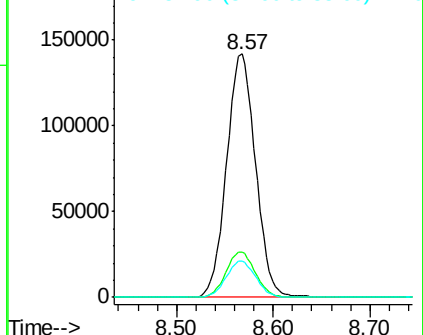
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059859.D
Acq: 24 Jan 2020 20:35

Instrument :
MSVOA_N
ClientSampleId :
PB126303ZHE#08

Tot Ion:114 Resp: 295382
Ion Ratio Lower Upper
114 100
63 18.8 0.0 43.6
88 14.8 0.0 31.4

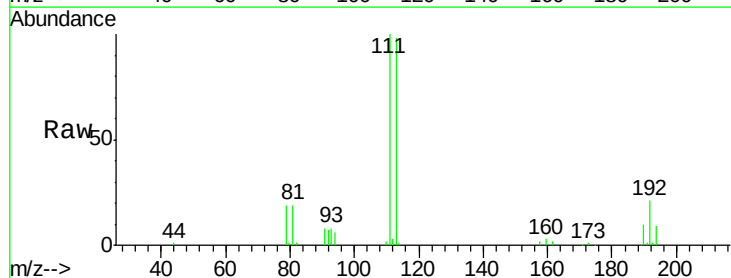


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

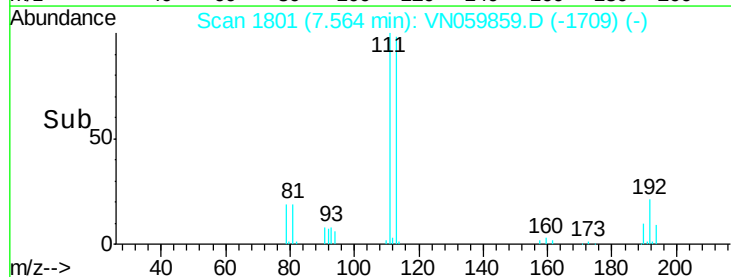
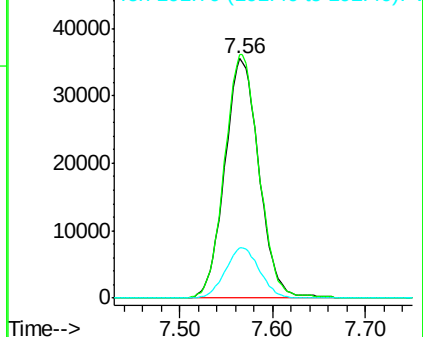


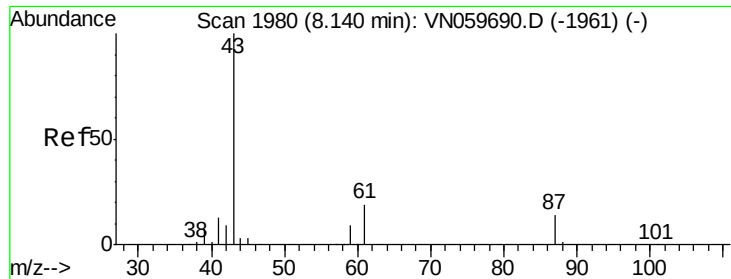
#35
Dibromofluoromethane
Concen: 51.581 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN059859.D
Acq: 24 Jan 2020 20:35

Tgt Ion:113 Resp: 90859
Ion Ratio Lower Upper
113 100
111 101.7 83.5 125.3
192 20.9 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: 9.850 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059859.D

Acq: 24 Jan 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

PB126303ZHE#08

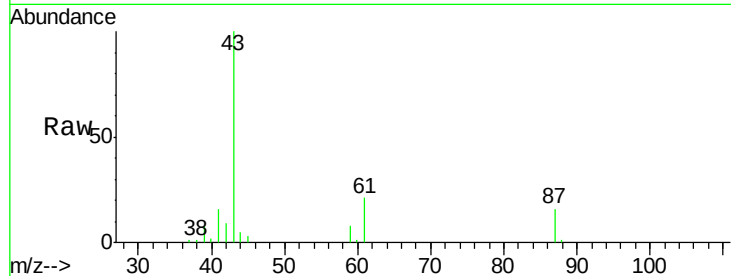
Tot Ion: 43 Resp: 40874

Ion Ratio Lower Upper

43 100

61 19.7 20.2 30.2#

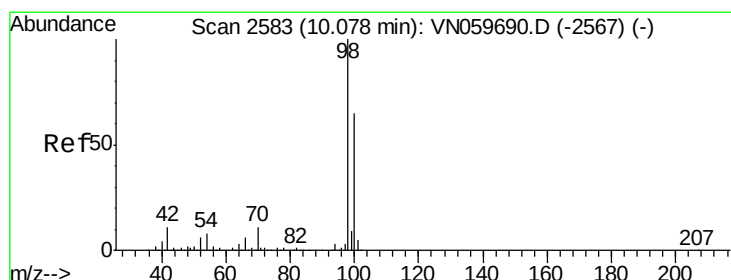
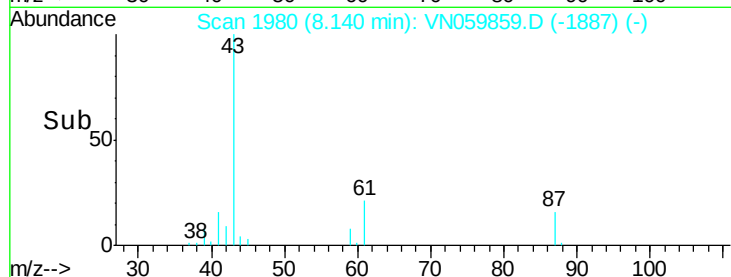
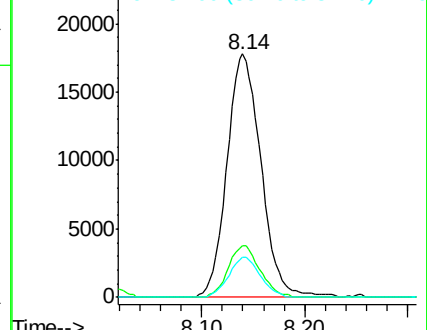
87 15.3 9.5 14.3#



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: 51.073 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059859.D

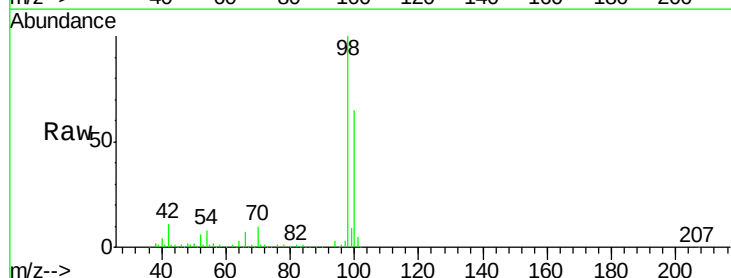
Acq: 24 Jan 2020 20:35

Tgt Ion: 98 Resp: 348566

Ion Ratio Lower Upper

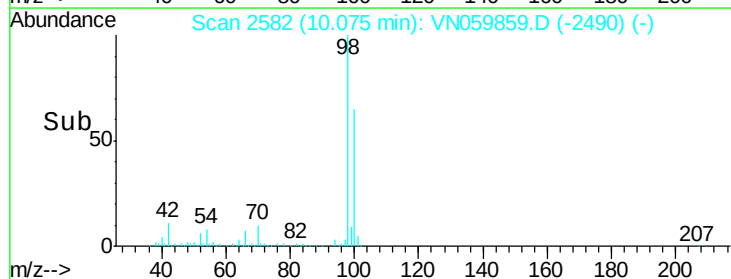
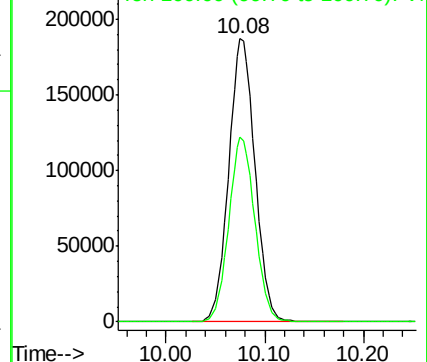
98 100

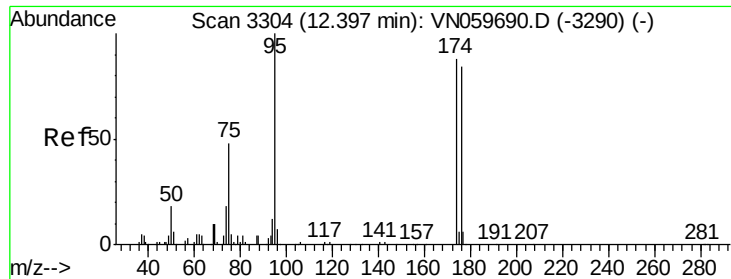
100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.911 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059859.D

Acq: 24 Jan 2020 20:35

Instrument :

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ClientSampleId :

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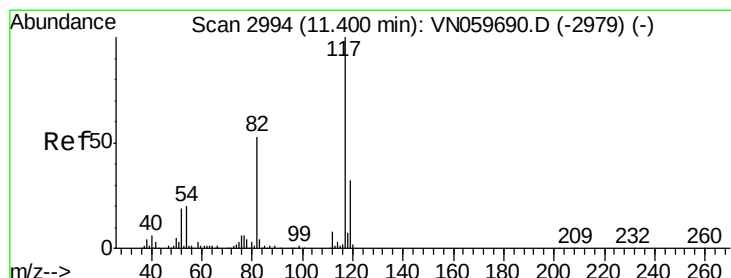
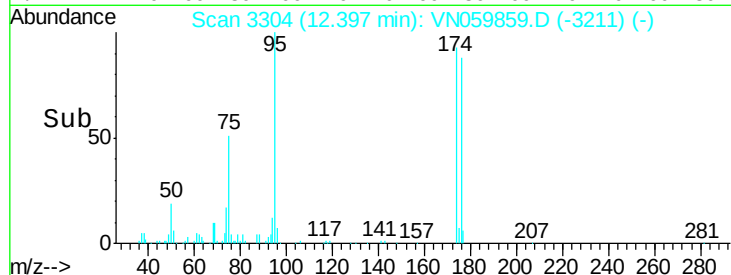
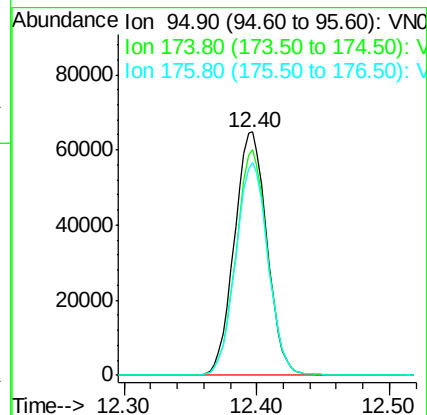
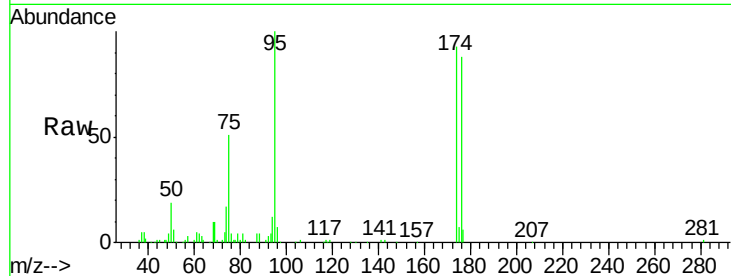
Tot Ion: 95 Resp: 110498

Ion Ratio Lower Upper

95 100

174 89.8 0.0 151.4

176 87.0 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. -0.00 min

Lab File: VN059859.D

Acq: 24 Jan 2020 20:35

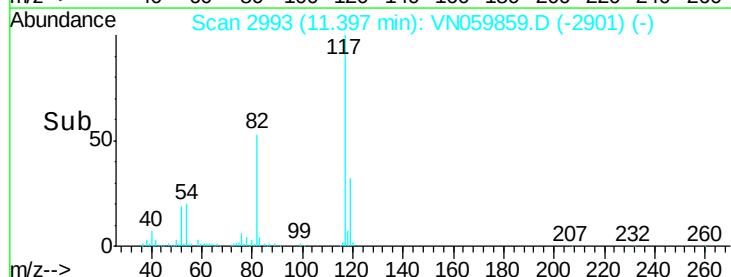
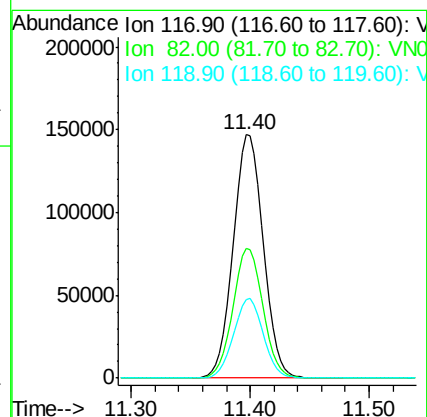
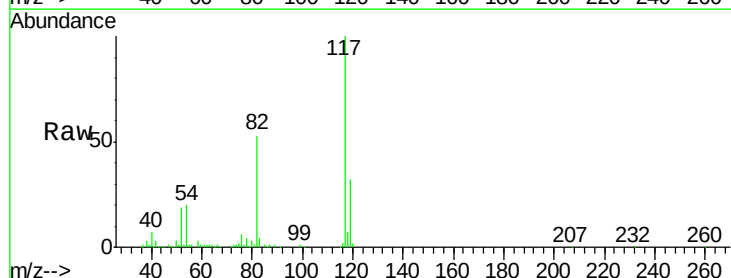
Tgt Ion: 117 Resp: 257936

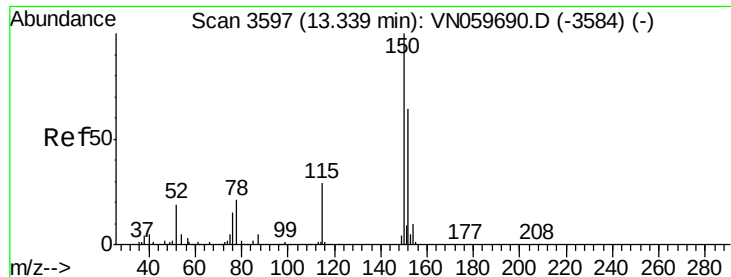
Ion Ratio Lower Upper

117 100

82 53.3 45.9 68.9

119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VN059859.D

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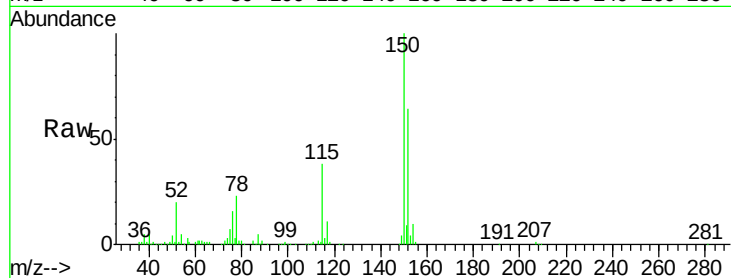
Tot Ion:152 Resp: 100693

Ion Ratio Lower Upper

152 100

115 57.7 30.3 90.9

150 156.4 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

