

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056453.D
 Acq On : 24 Jun 2019 14:12
 Operator : JC/SP
 Sample : PB120834ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120834ZHE#08

Quant Time: Jun 25 01:54:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

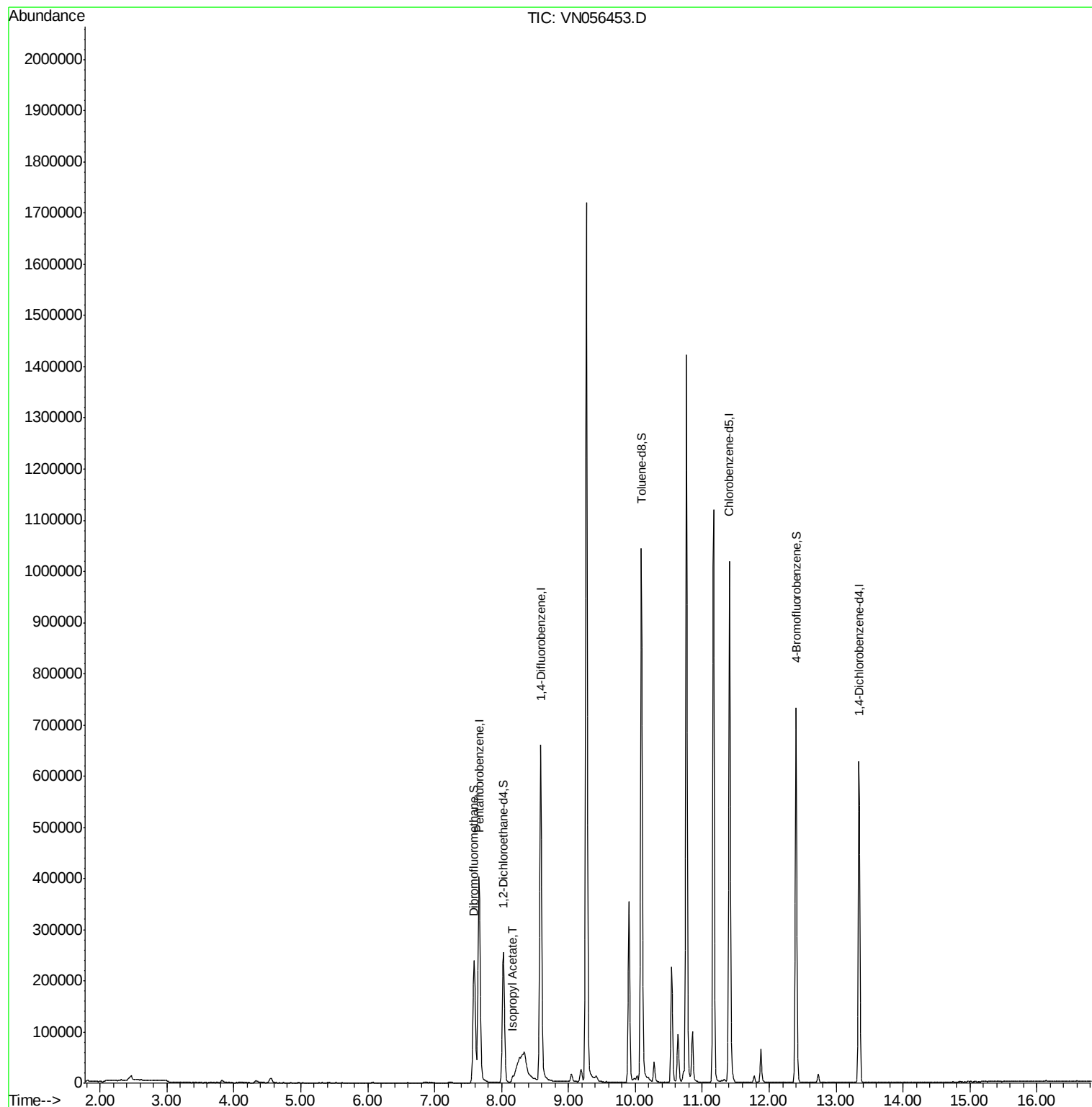
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	375556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	638809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	639193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	187771	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	212876	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
35) Dibromofluoromethane	7.59	113	184466	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.58%	
50) Toluene-d8	10.09	98	794721	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.40	95	256941	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
Target Compounds						
43) Isopropyl Acetate	8.17	43	15996	1.877	ug/l #	Qvalue 91

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

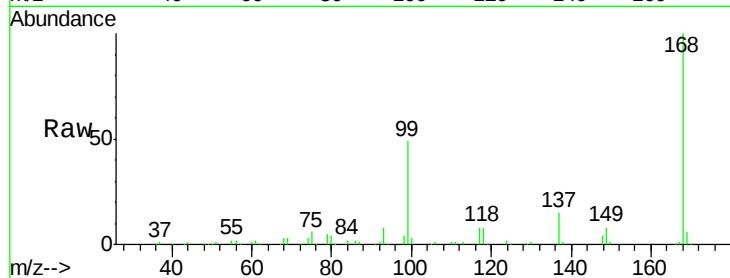
PB120834ZHE#08

Tot Ion:168 Resp: 375556

Ion Ratio Lower Upper

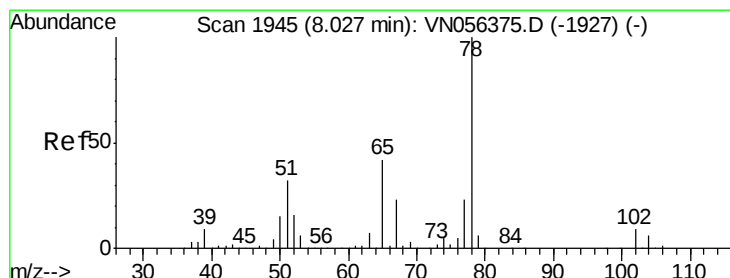
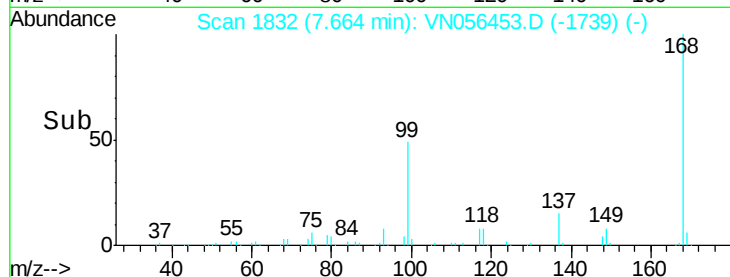
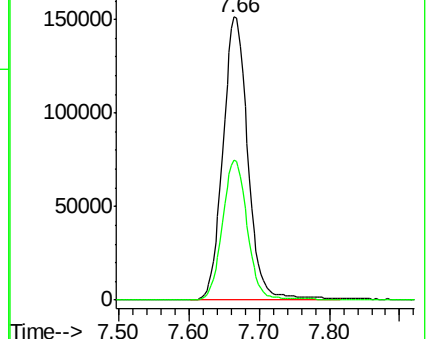
168 100

99 49.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 51.144 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056453.D

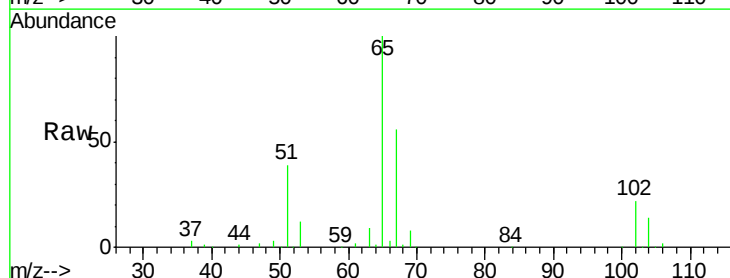
Acq: 24 Jun 2019 14:12

Tgt Ion: 65 Resp: 212876

Ion Ratio Lower Upper

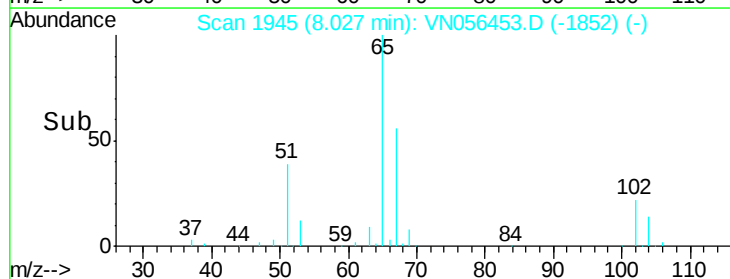
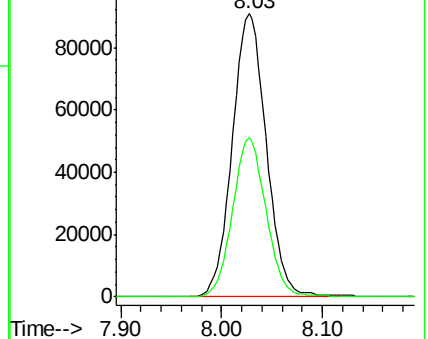
65 100

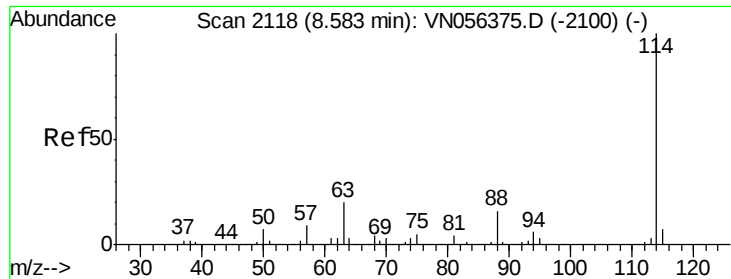
67 55.5 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

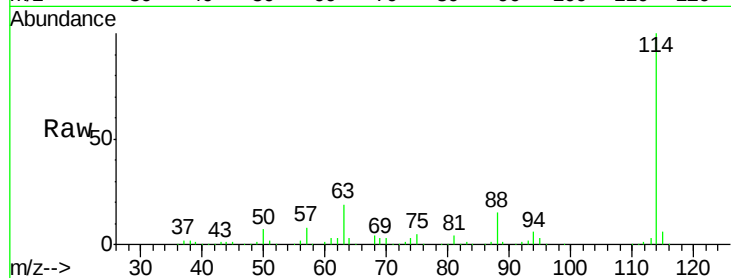




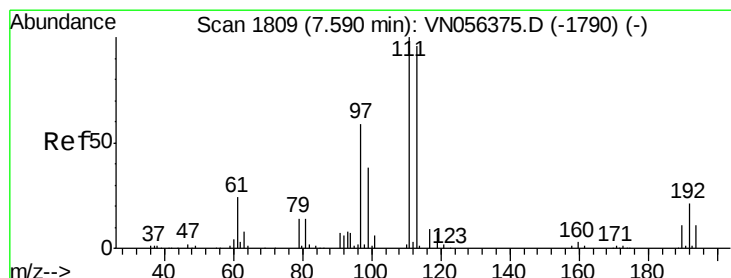
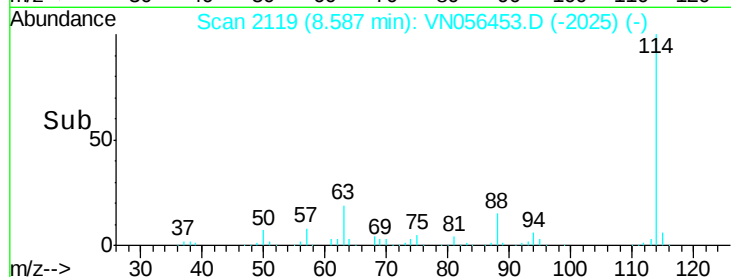
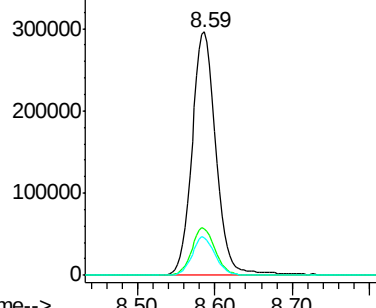
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056453.D
Acq: 24 Jun 2019 14:12

Instrument :
MSVOA_N
ClientSampleId :
PB120834ZHE#08

Tot Ion:114 Resp: 638809
Ion Ratio Lower Upper
114 100
63 19.3 0.0 39.2
88 15.5 0.0 31.4

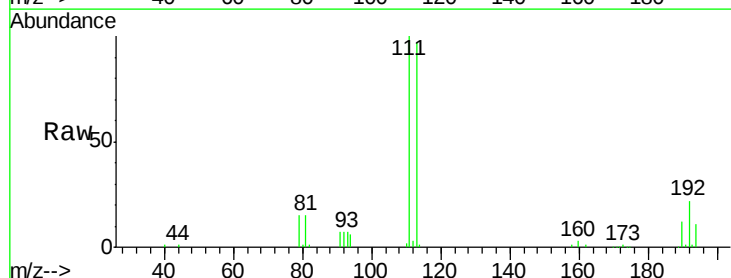


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

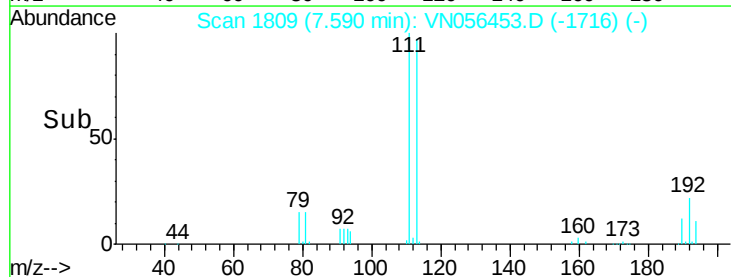
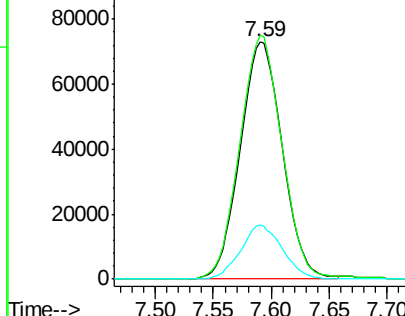


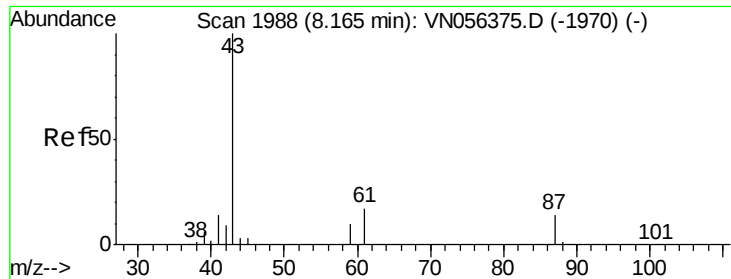
#35
Dibromofluoromethane
Concen: 46.289 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056453.D
Acq: 24 Jun 2019 14:12

Tgt Ion:113 Resp: 184466
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 22.6 17.7 26.5



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: 1.877 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056453.D

Acq: 24 Jun 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#08

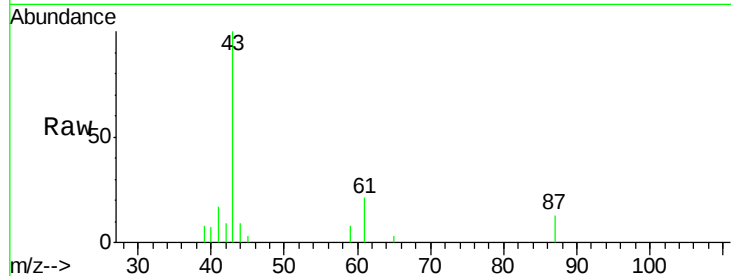
Tot Ion: 43 Resp: 15996

Ion Ratio Lower Upper

43 100

61 20.9 22.0 33.0#

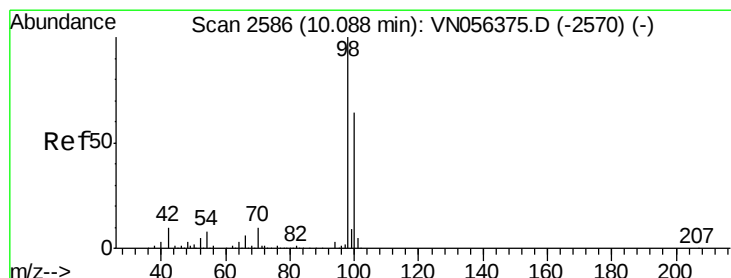
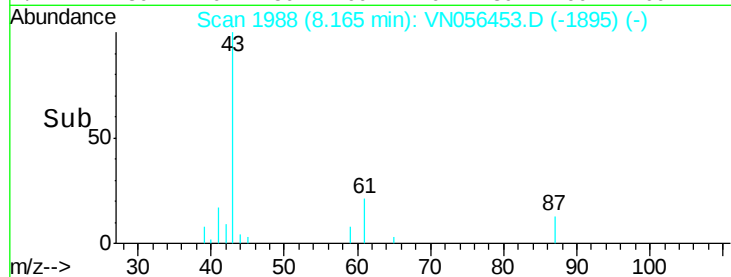
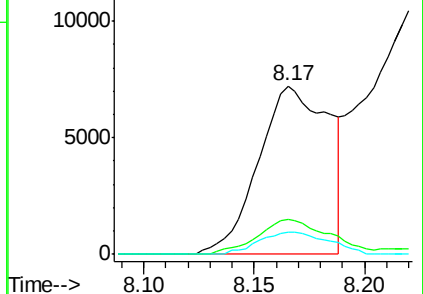
87 12.9 11.0 16.4



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: 51.251 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056453.D

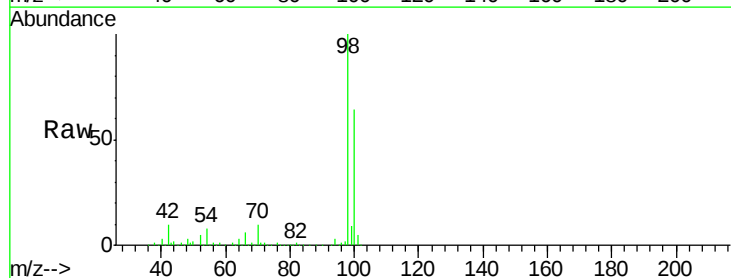
Acq: 24 Jun 2019 14:12

Tgt Ion: 98 Resp: 794721

Ion Ratio Lower Upper

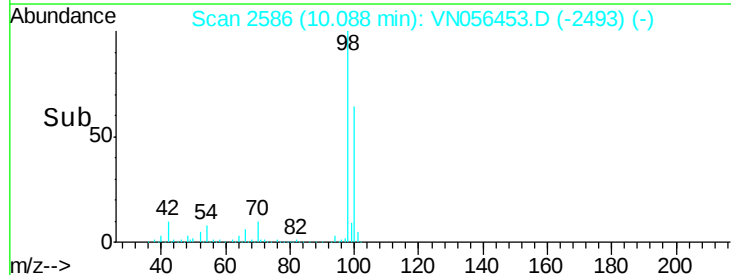
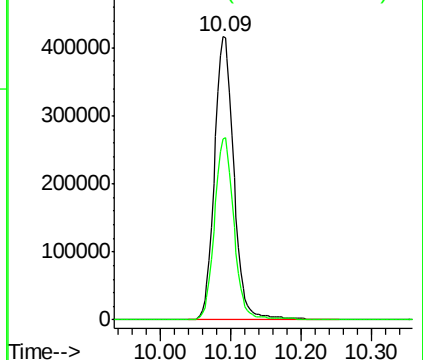
98 100

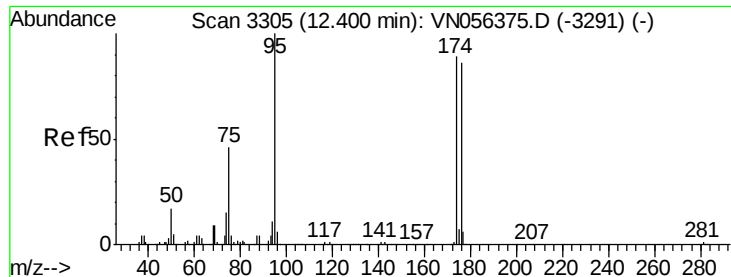
100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

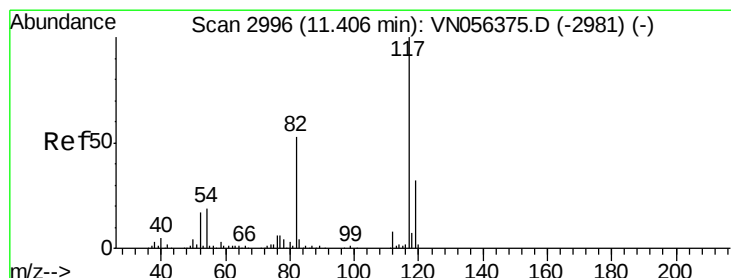
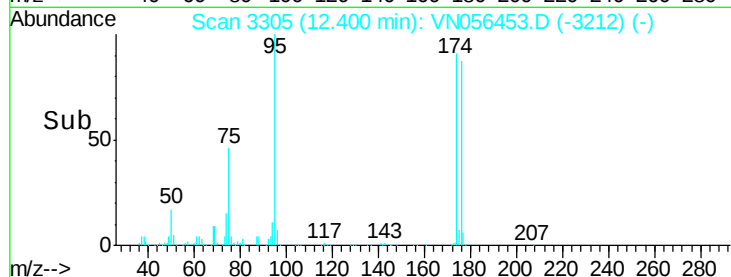
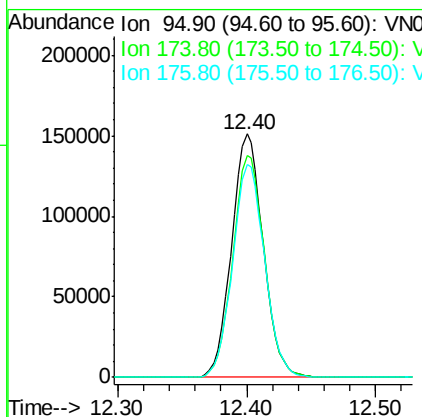
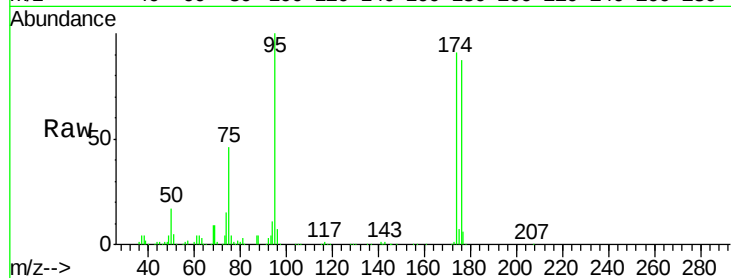




#62
4-Bromofluorobenzene
Concen: 49.706 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056453.D
Acq: 24 Jun 2019 14:12

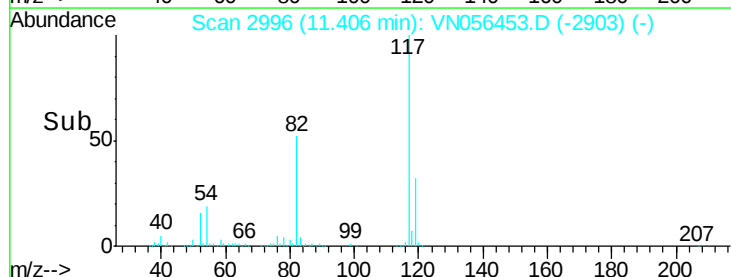
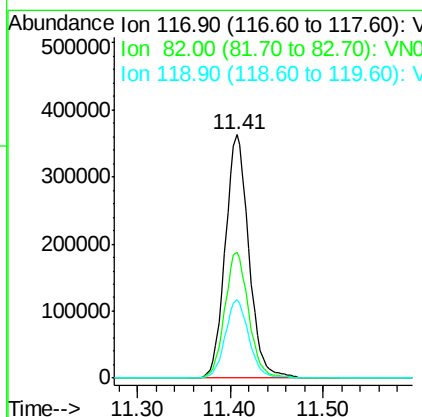
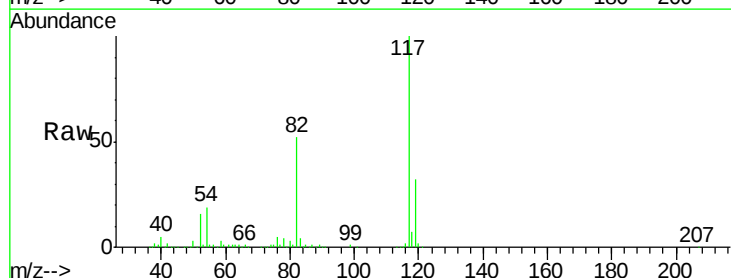
Instrument :
MSVOA_N
ClientSampleId :
PB120834ZHE#08

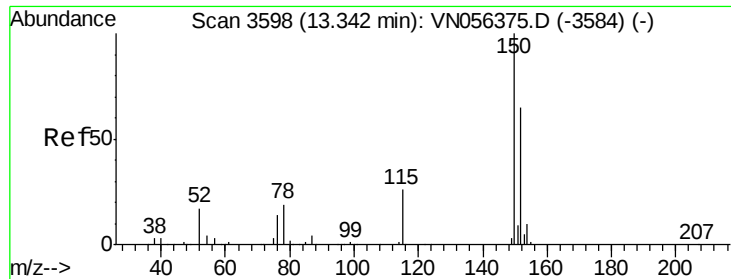
Tot Ion: 95 Resp: 256941
Ion Ratio Lower Upper
95 100
174 91.5 0.0 179.4
176 88.7 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056453.D
Acq: 24 Jun 2019 14:12

Tgt Ion: 117 Resp: 639193
Ion Ratio Lower Upper
117 100
82 51.9 42.0 63.0
119 32.1 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056453.D

Acq: 24 Jun 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#08

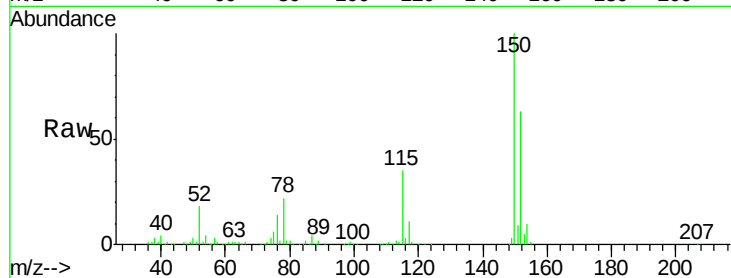
Tot Ion:152 Resp: 187771

Ion Ratio Lower Upper

152 100

115 55.0 28.1 84.4

150 156.2 0.0 348.4



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

