

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
 Data File : VN052078.D
 Acq On : 31 Oct 2018 17:12
 Operator : MD\SY
 Sample : PB114328ZHE#08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#08

Quant Time: Nov 01 02:09:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	270493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	517036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	488099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	197409	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	241700	55.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.36%	
35) Dibromofluoromethane	7.59	113	195038	60.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.60%	
50) Toluene-d8	10.09	98	776999	60.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.20%	
62) 4-Bromofluorobenzene	12.40	95	265384	55.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.84%	

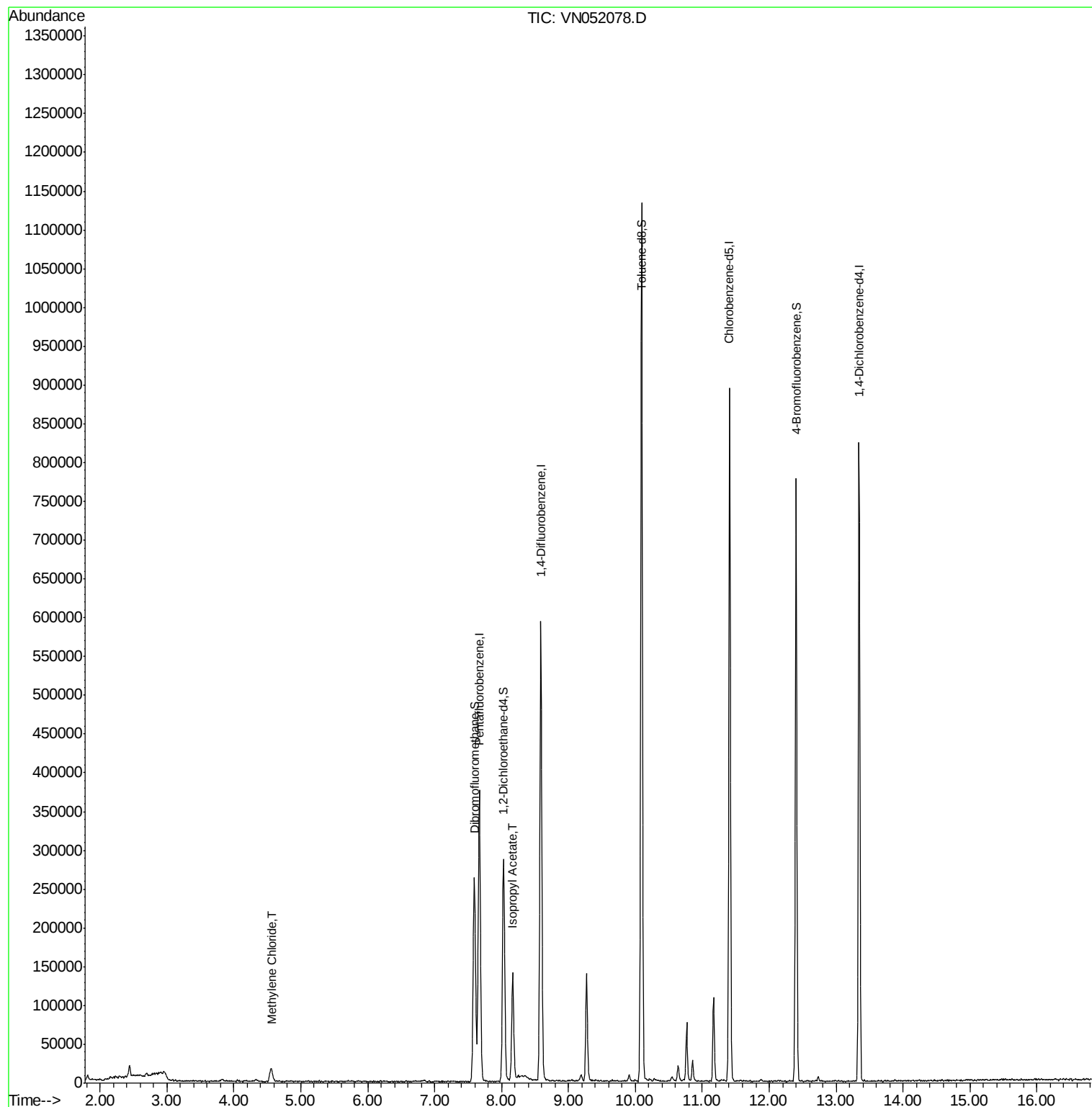
Target Compounds						Qvalue
20) Methylene Chloride	4.56	84	11008	3.12	ug/l	# 94
43) Isopropyl Acetate	8.17	43	166646	26.63	ug/l	100

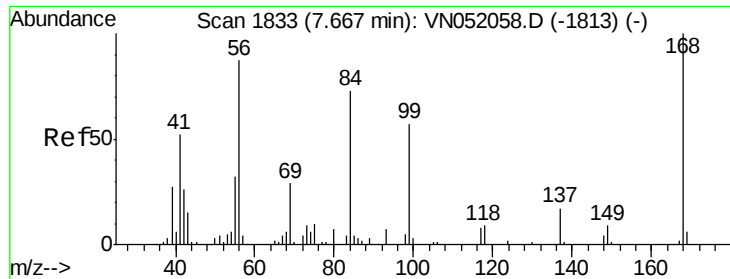
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 31 02:45:22 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052078.D

Acq: 31 Oct 2018 17:12

Instrument :

MSVOA_N

ClientSampleId :

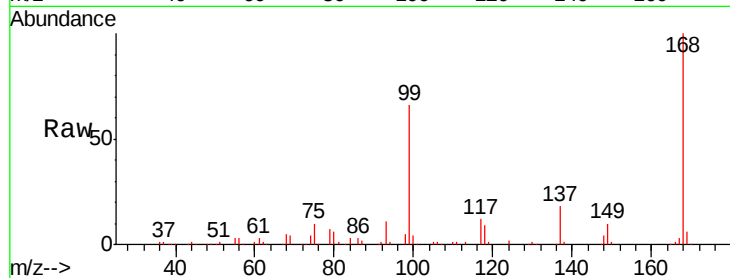
PB114328ZHE#08

Tgt Ion:168 Resp: 270493

Ion Ratio Lower Upper

168 100

99 65.7 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

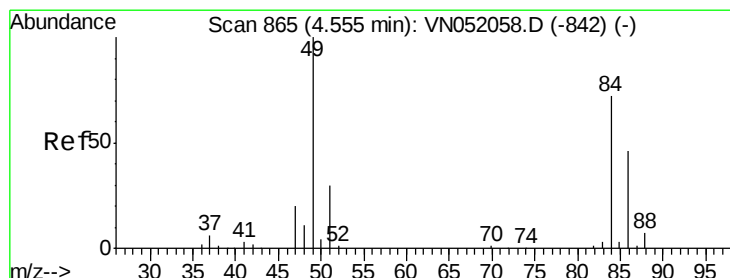
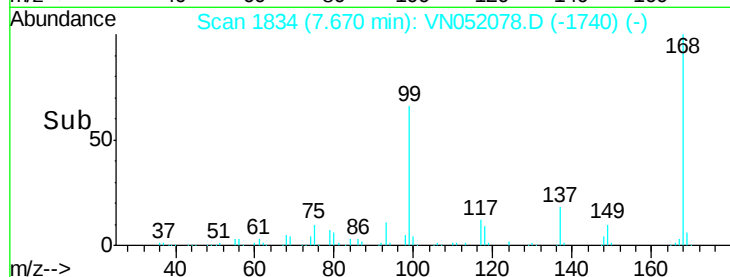
7.67

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 3.12 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052078.D

Acq: 31 Oct 2018 17:12

Tgt Ion: 84 Resp: 11008

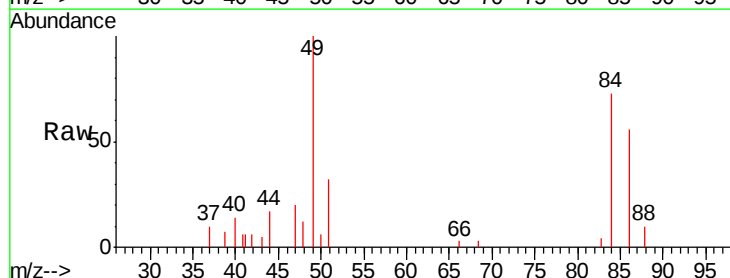
Ion Ratio Lower Upper

84 100

49 137.9 110.6 165.8

51 44.6 33.7 50.5

86 77.8 50.5 75.7#



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

4.56

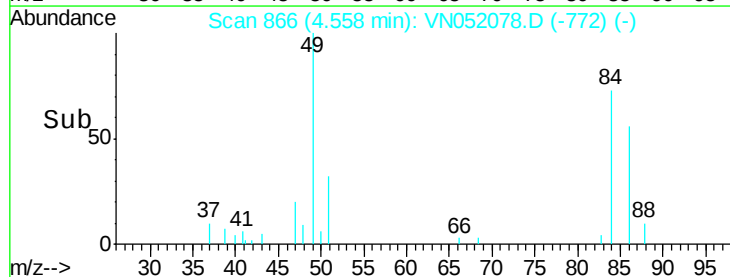
6000

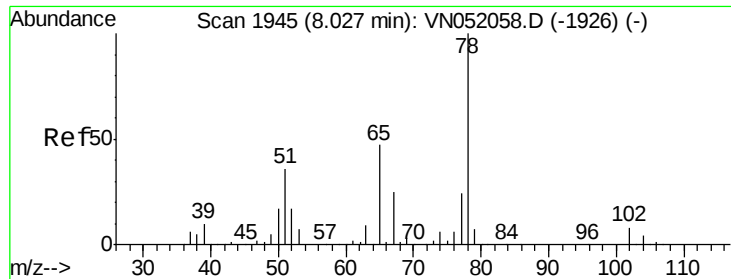
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052078.D

Acq: 31 Oct 2018 17:12

Instrument :

MSVOA_N

ClientSampleId :

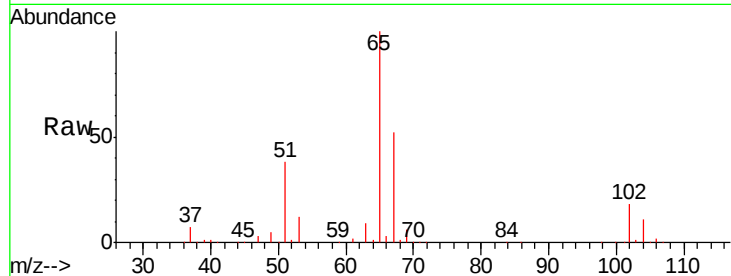
PB114328ZHE#08

Tgt Ion: 65 Resp: 241700

Ion Ratio Lower Upper

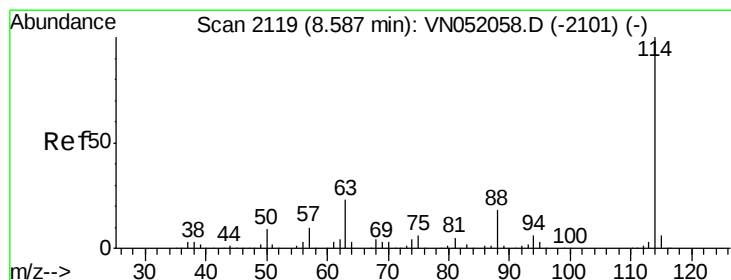
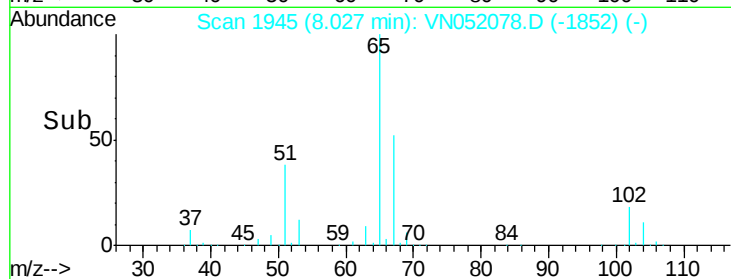
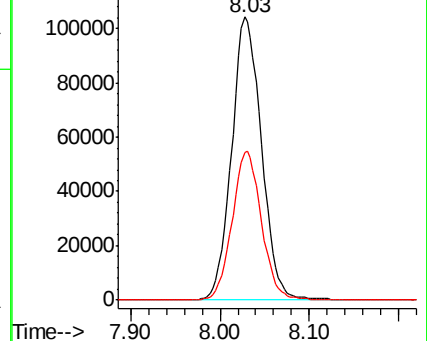
65 100

67 51.6 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN052058.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN052058.D (-1926) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052078.D

Acq: 31 Oct 2018 17:12

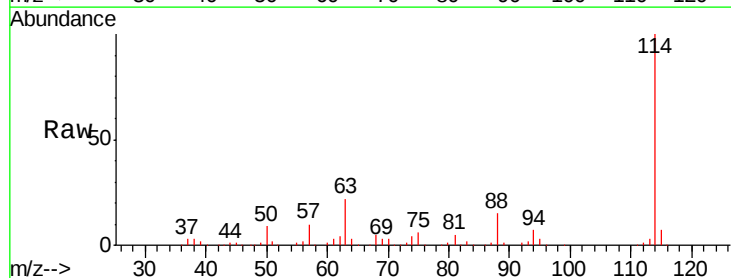
Tgt Ion: 114 Resp: 517036

Ion Ratio Lower Upper

114 100

63 22.1 0.0 46.0

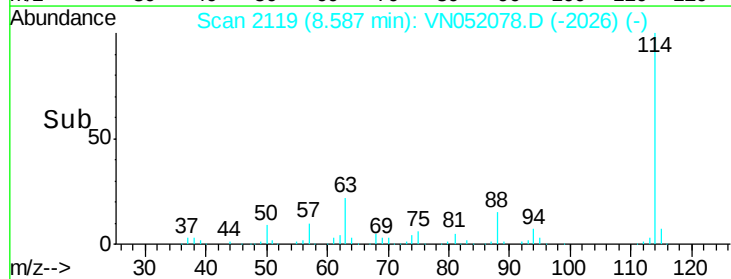
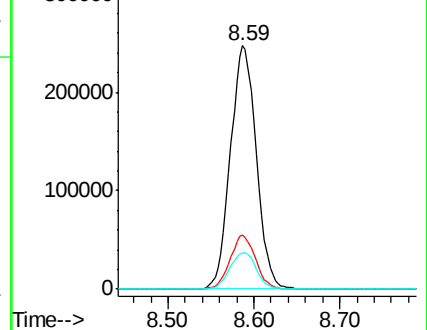
88 14.7 0.0 35.4

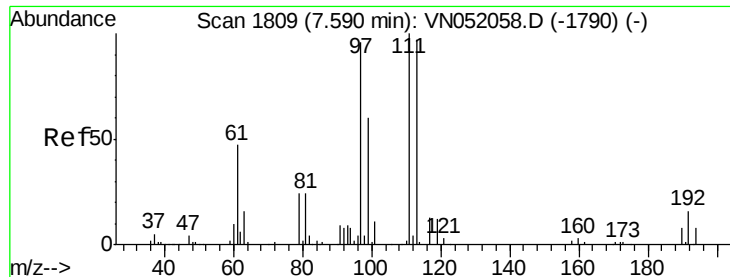


Abundance Ion 113.90 (113.60 to 114.60): VN052058.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN052058.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN052058.D (-2101) (-)





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN052078.D

Acq: 31 Oct 2018 17:12

Instrument :
MSVOA_N
ClientSampleId :
PB114328ZHE#08

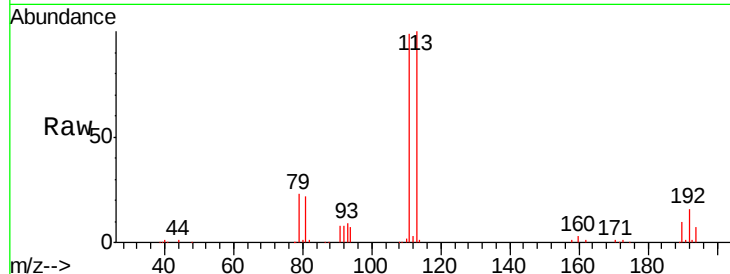
Tgt Ion:113 Resp: 195038

Ion Ratio Lower Upper

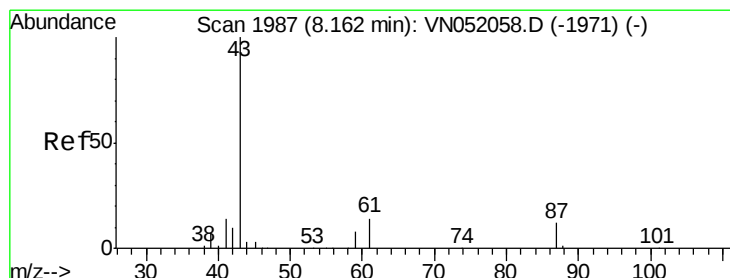
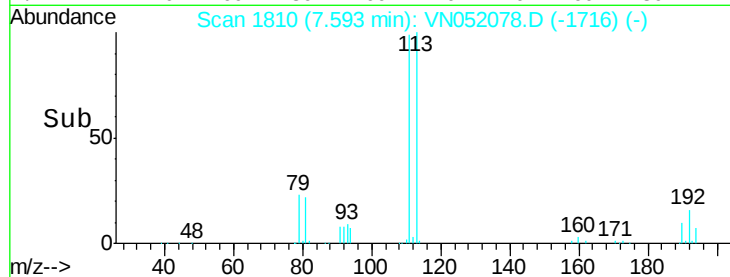
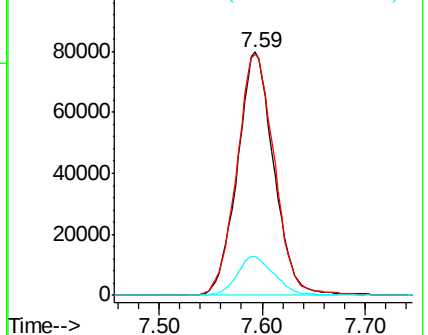
113 100

111 102.8 83.1 124.7

192 16.4 12.7 19.1



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: 26.63 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052078.D

Acq: 31 Oct 2018 17:12

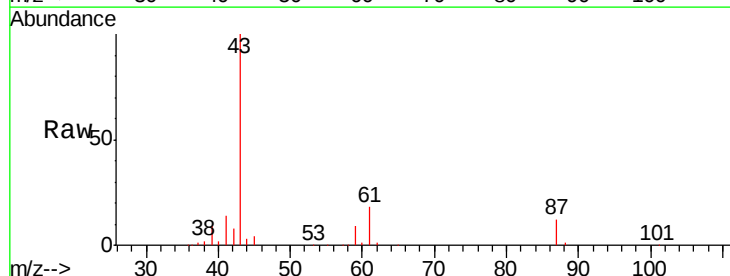
Tgt Ion: 43 Resp: 166646

Ion Ratio Lower Upper

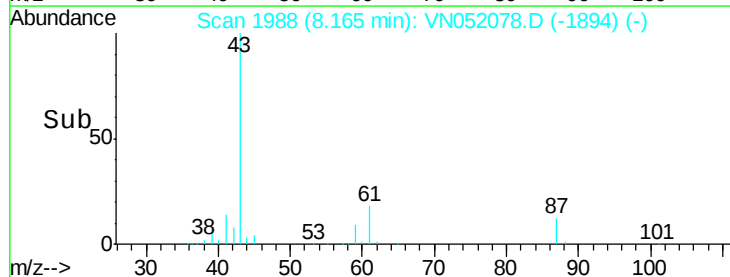
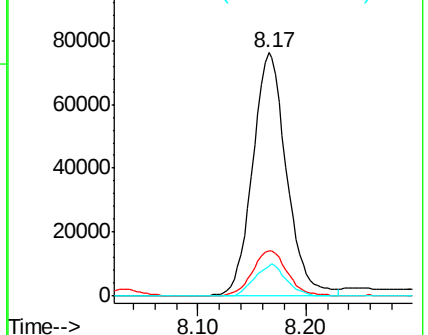
43 100

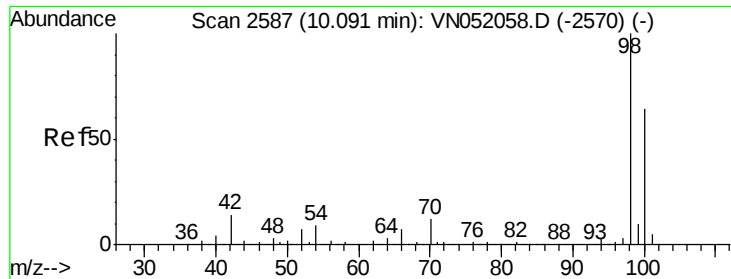
61 19.2 15.4 23.0

87 12.2 9.8 14.8



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052078.D

Acq: 31 Oct 2018 17:12

Instrument :

MSVOA_N

ClientSampleId :

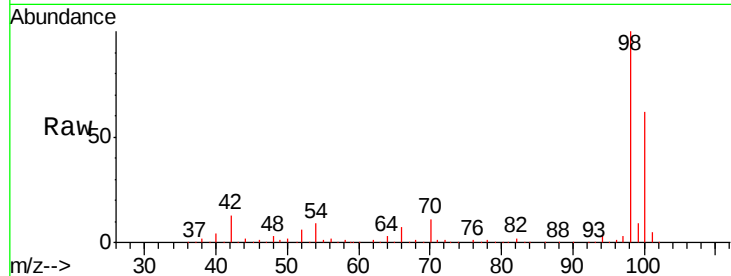
PB114328ZHE#08

Tgt Ion: 98 Resp: 776999

Ion Ratio Lower Upper

98 100

100 62.3 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

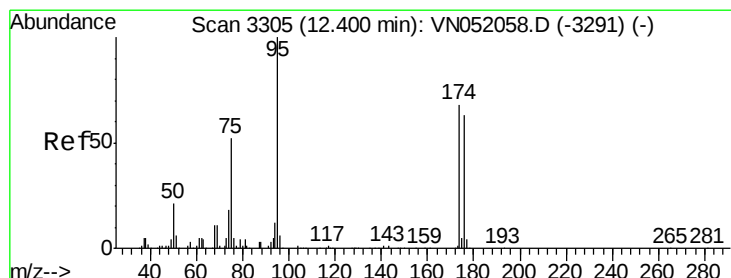
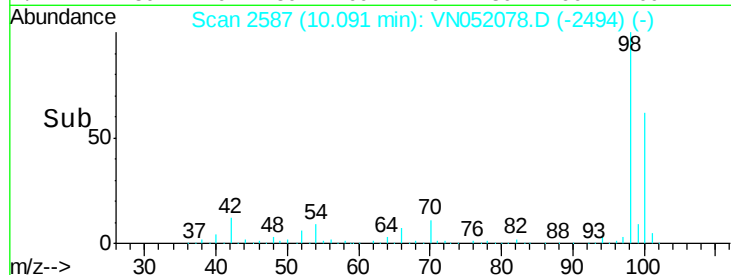
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052078.D

Acq: 31 Oct 2018 17:12

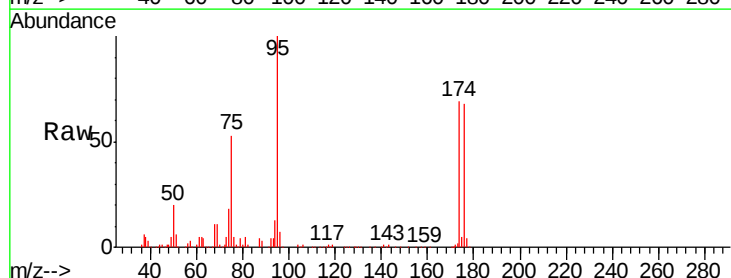
Tgt Ion: 95 Resp: 265384

Ion Ratio Lower Upper

95 100

174 70.4 0.0 131.8

176 68.2 0.0 126.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

200000

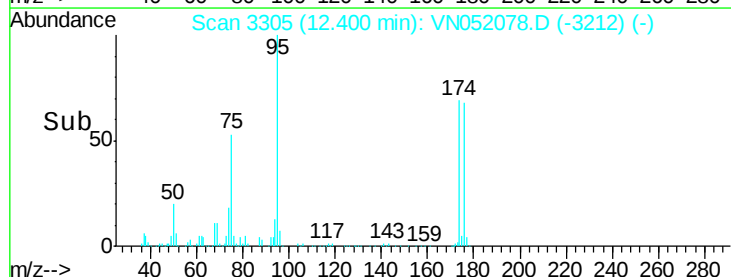
150000

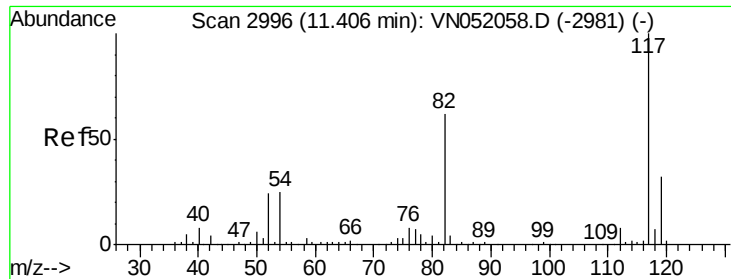
100000

50000

0

Time-->

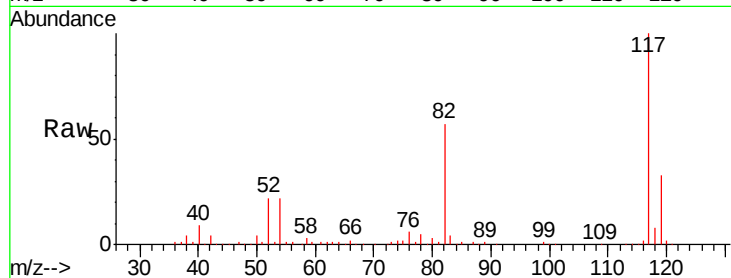




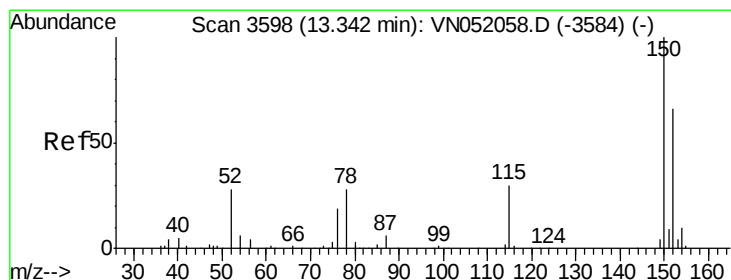
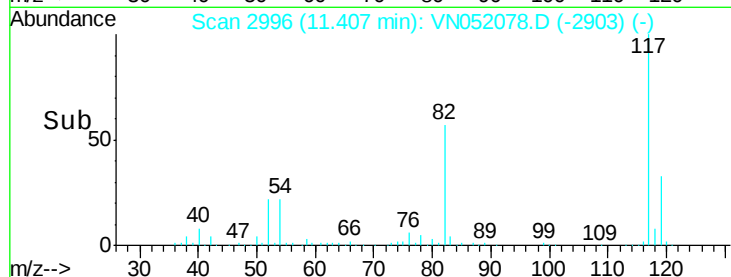
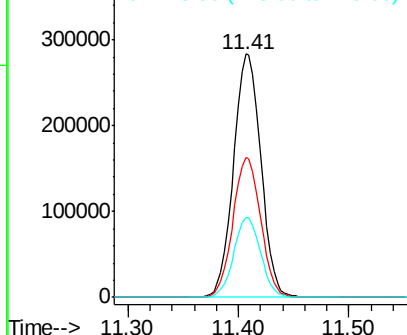
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052078.D
Acq: 31 Oct 2018 17:12

Instrument :
MSVOA_N
ClientSampleId :
PB114328ZHE#08

Tgt Ion:117 Resp: 488099
Ion Ratio Lower Upper
117 100
82 57.3 49.9 74.9
119 32.9 25.7 38.5

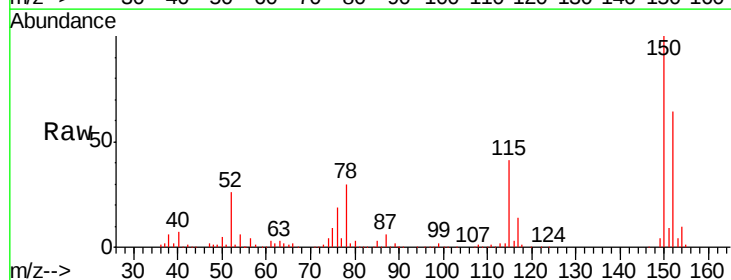


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052078.D
Acq: 31 Oct 2018 17:12

Tgt Ion:152 Resp: 197409
Ion Ratio Lower Upper
152 100
115 63.3 31.6 95.0
150 158.1 0.0 345.0



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

