

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021419\
 Data File : VN053776.D
 Acq On : 14 Feb 2019 13:48
 Operator : JC/SP
 Sample : K1350-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-021319-C

Quant Time: Feb 15 04:22:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

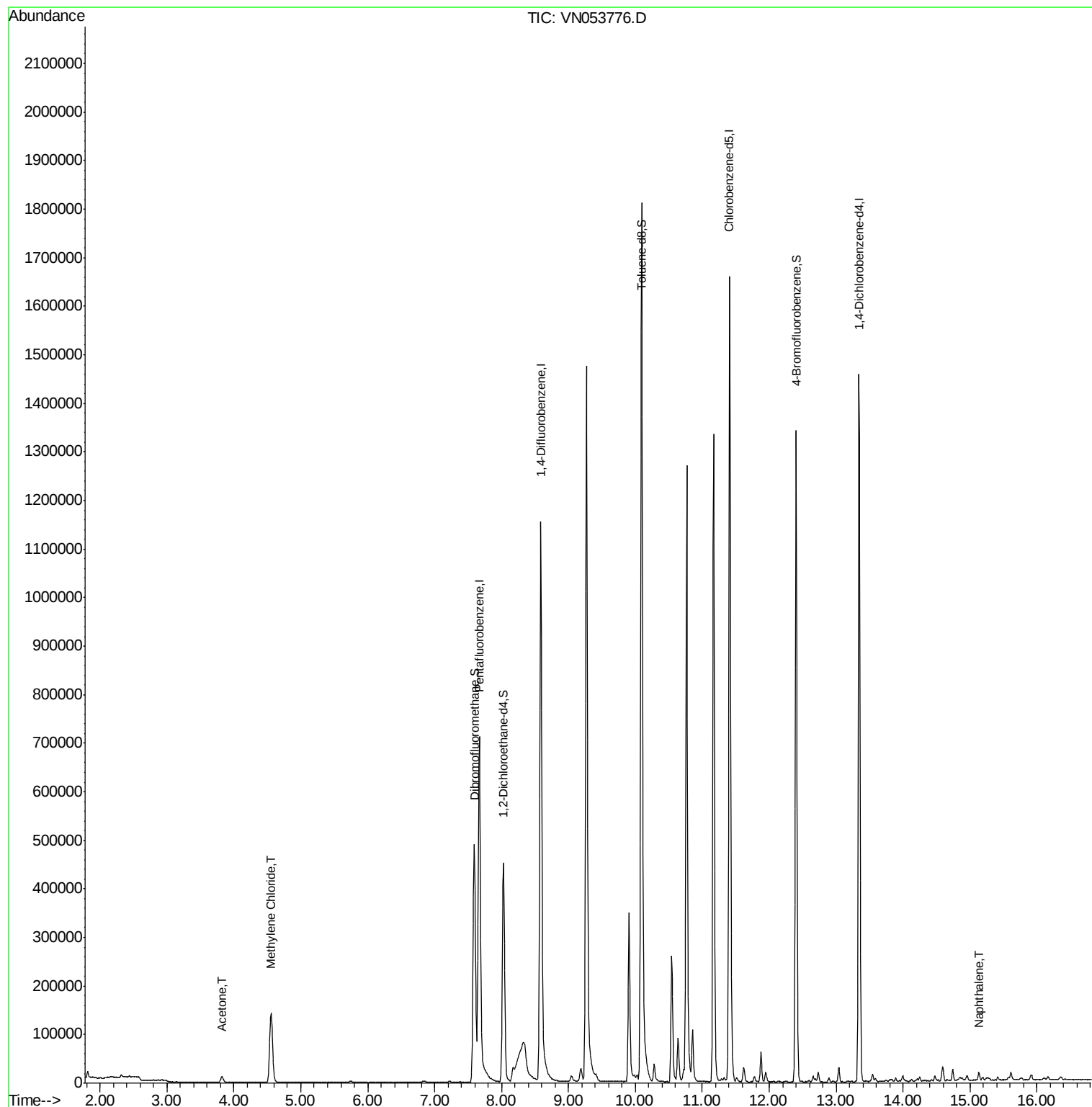
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	696996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1207471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1126952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	434997	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	390545	55.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.70%	
35) Dibromofluoromethane	7.59	113	384245	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
50) Toluene-d8	10.09	98	1475395	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.40	95	475791	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
Target Compounds						
16) Acetone	3.82	43	22062	12.301	ug/l	98
20) Methylene Chloride	4.55	84	115293	15.322	ug/l	97
95) Naphthalene	15.13	128	14591	2.473	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

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ClientSampleId :

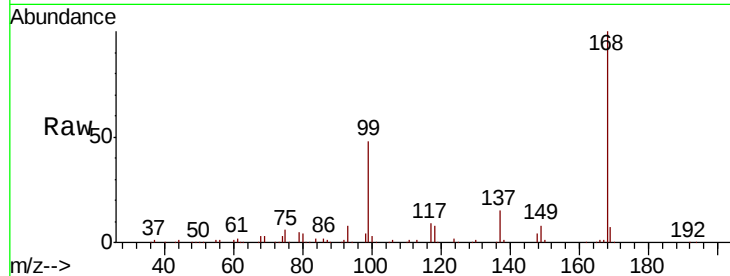
EO-02-021319-C

Tot Ion:168 Resp: 696996

Ion Ratio Lower Upper

168 100

99 47.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

250000

200000

150000

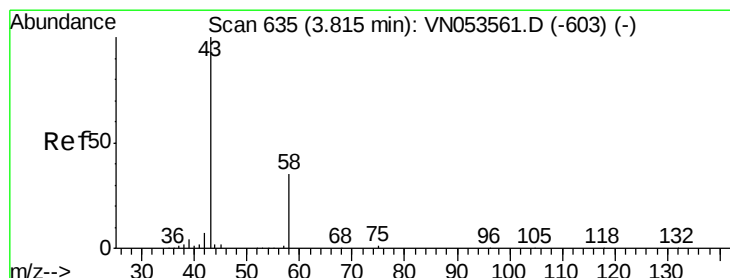
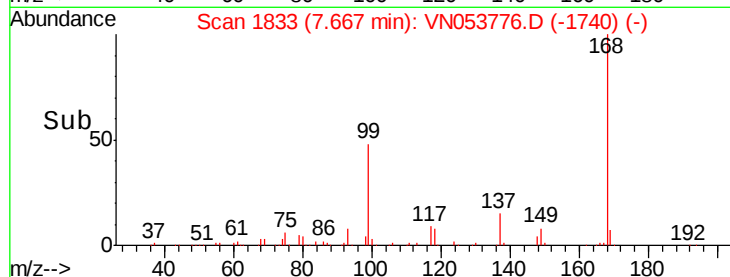
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 12.301 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053776.D

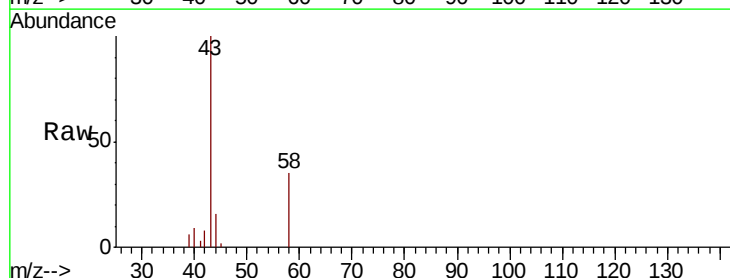
Acq: 14 Feb 2019 13:48

Tgt Ion: 43 Resp: 22062

Ion Ratio Lower Upper

43 100

58 35.3 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

8000

6000

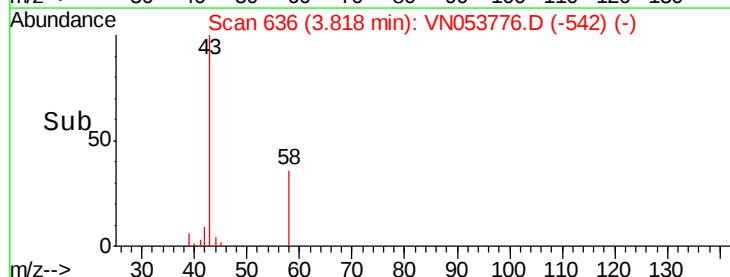
4000

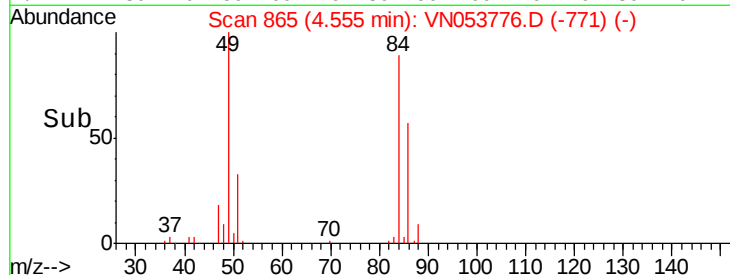
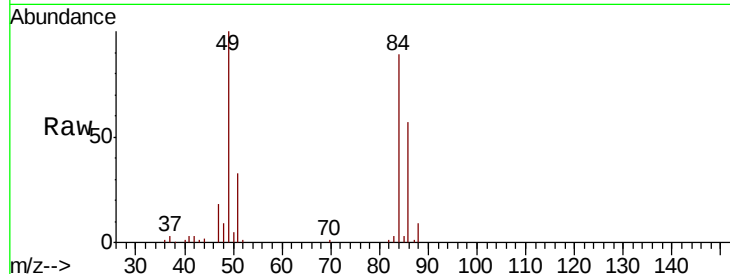
2000

0

Time-->

3.70 3.75 3.80 3.85 3.90

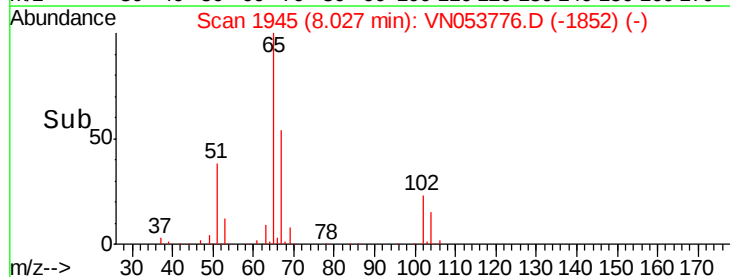
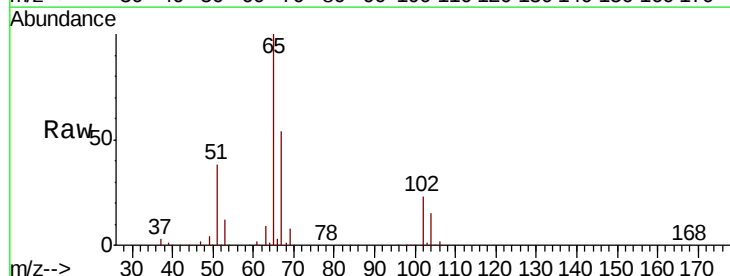
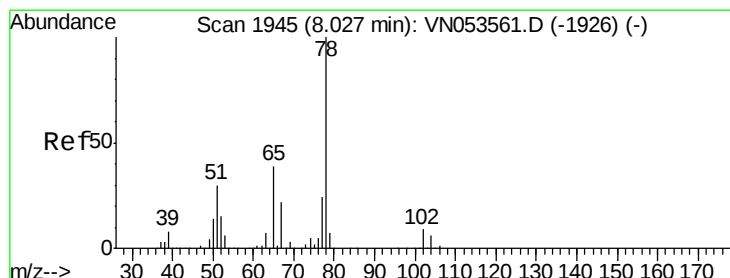
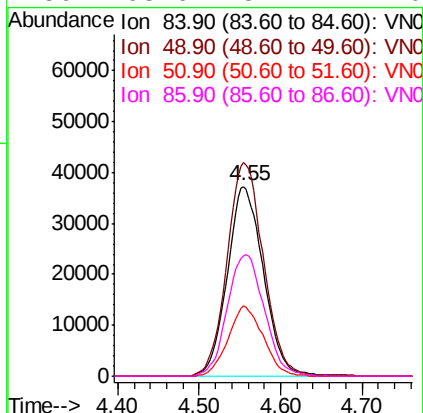




#20
Methvlene Chloride
Concen: 15.322 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053776.D
Acq: 14 Feb 2019 13:48

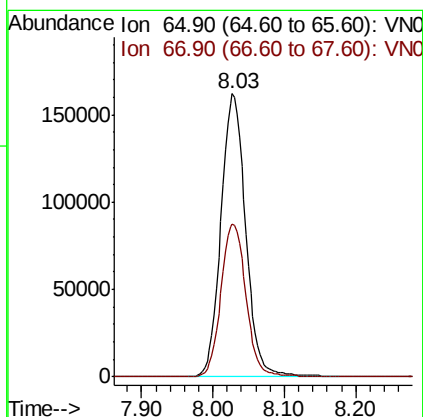
Instrument :
MSVOA_N
ClientSampleId :
EO-02-021319-C

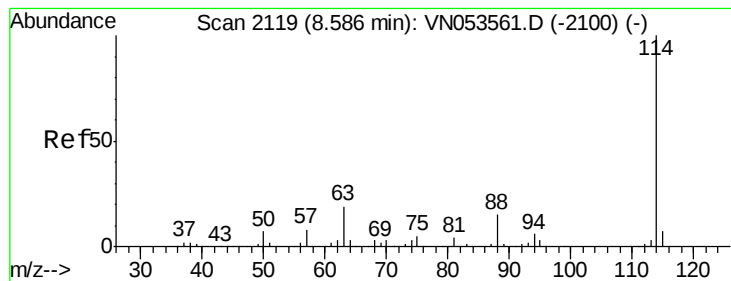
Tot Ion: 84 Resp: 115293
Ion Ratio Lower Upper
84 100
49 112.4 94.3 141.5
51 37.3 29.4 44.2
86 63.6 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 55.854 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053776.D
Acq: 14 Feb 2019 13:48

Tgt Ion: 65 Resp: 390545
Ion Ratio Lower Upper
65 100
67 54.8 0.0 111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053776.D

Acq: 14 Feb 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

EO-02-021319-C

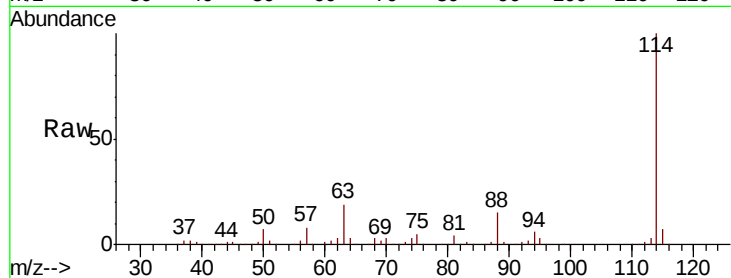
Tot Ion:114 Resp: 1207471

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

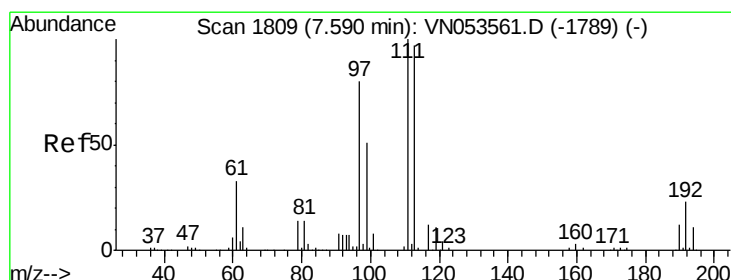
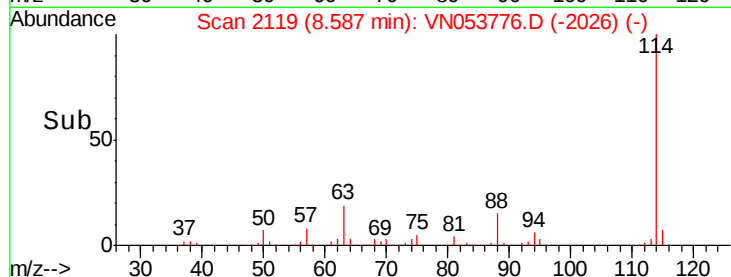
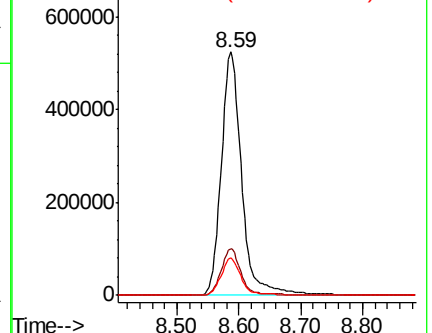
88 15.2 0.0 30.4



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: 50.362 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053776.D

Acq: 14 Feb 2019 13:48

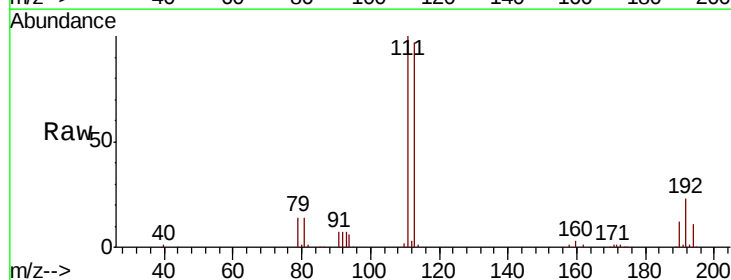
Tgt Ion:113 Resp: 384245

Ion Ratio Lower Upper

113 100

111 103.3 81.1 121.7

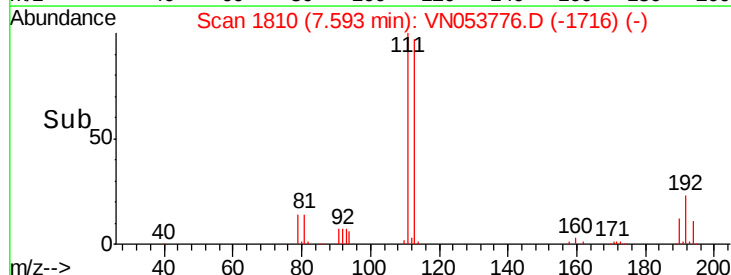
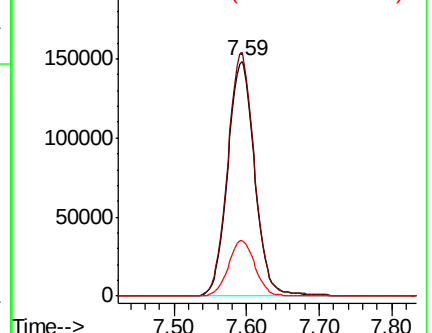
192 23.4 18.2 27.2

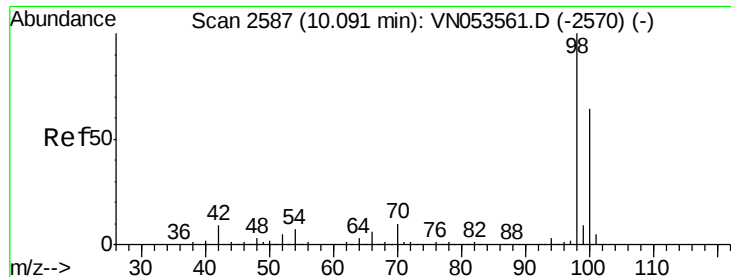


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.501 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053776.D

Acq: 14 Feb 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

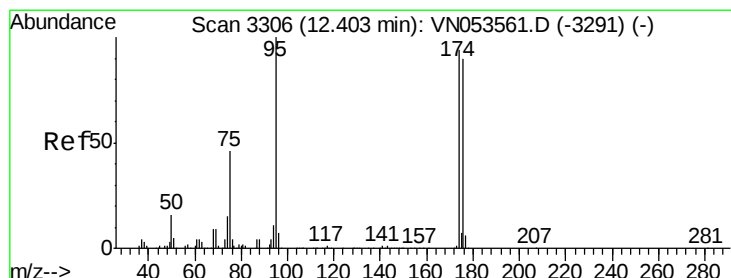
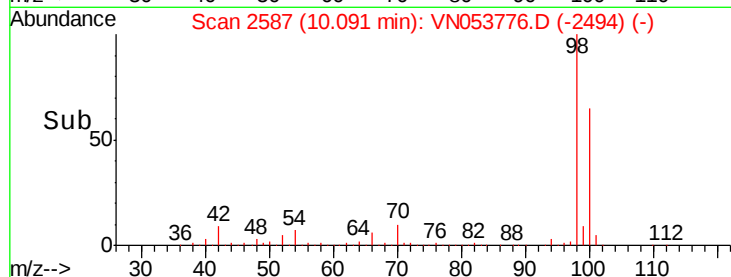
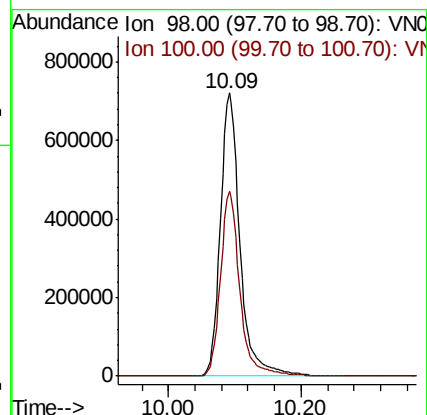
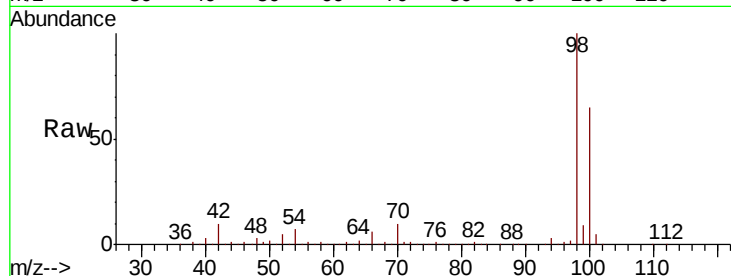
EO-02-021319-C

Tot Ion: 98 Resp: 1475395

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 49.797 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053776.D

Acq: 14 Feb 2019 13:48

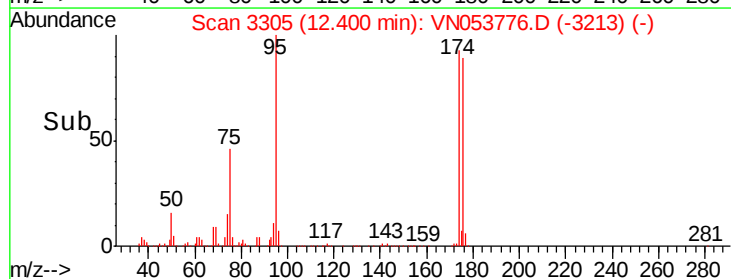
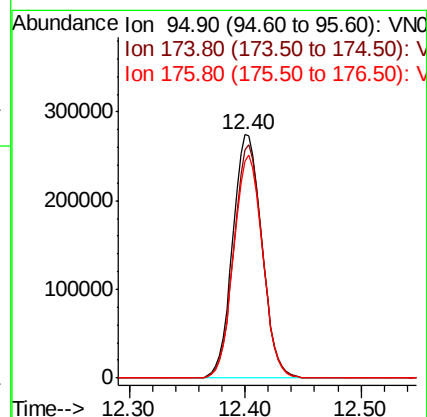
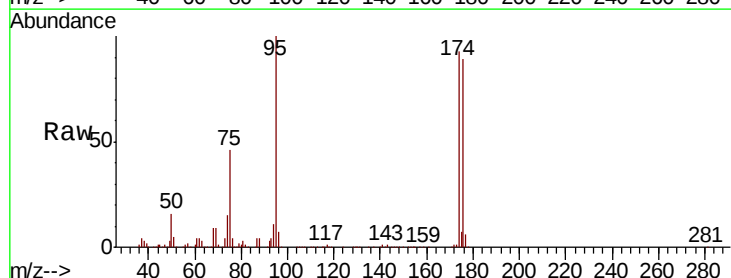
Tgt Ion: 95 Resp: 475791

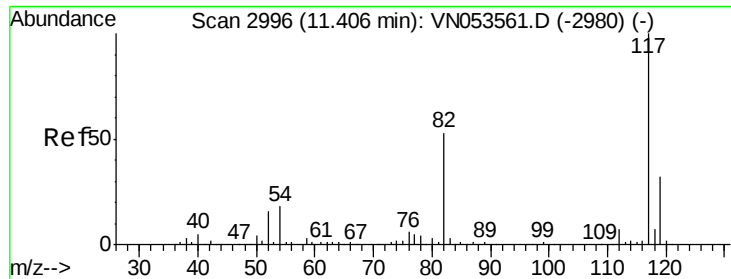
Ion Ratio Lower Upper

95 100

174 94.4 0.0 183.2

176 90.8 0.0 177.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053776.D

Acq: 14 Feb 2019 13:48

Instrument :

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ClientSampleId :

EO-02-021319-C

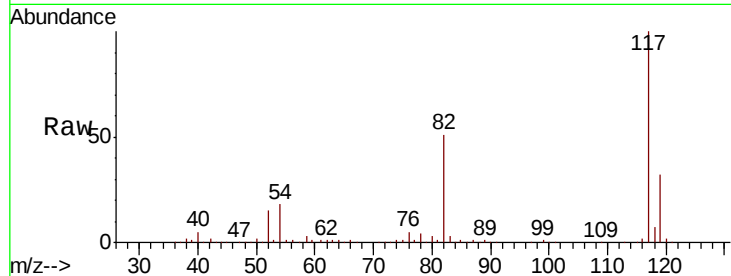
Tot Ion:117 Resp: 1126952

Ion Ratio Lower Upper

117 100

82 51.4 42.9 64.3

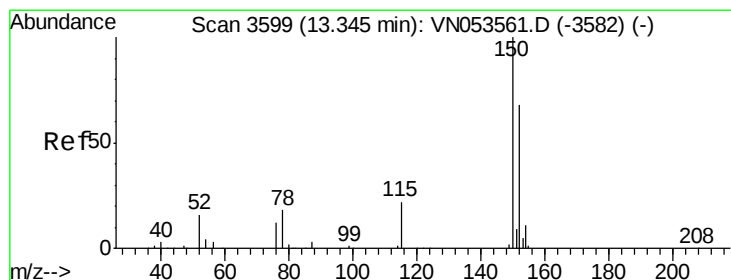
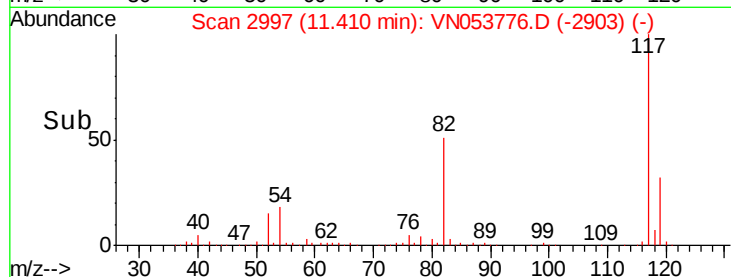
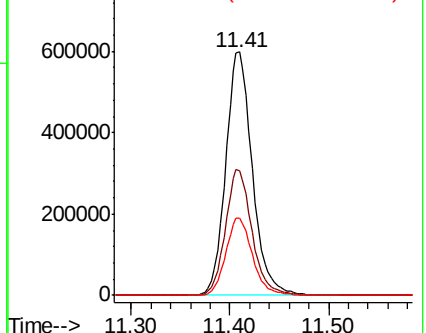
119 31.8 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053776.D

Acq: 14 Feb 2019 13:48

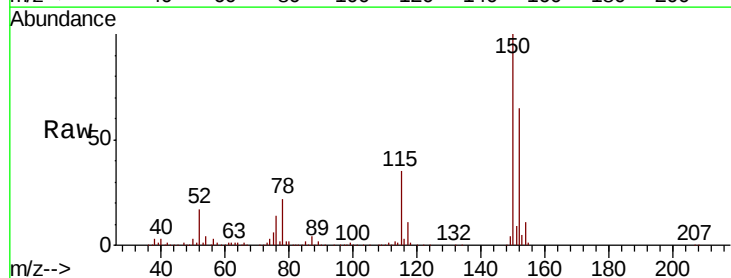
Tgt Ion:152 Resp: 434997

Ion Ratio Lower Upper

152 100

115 54.8 27.8 83.4

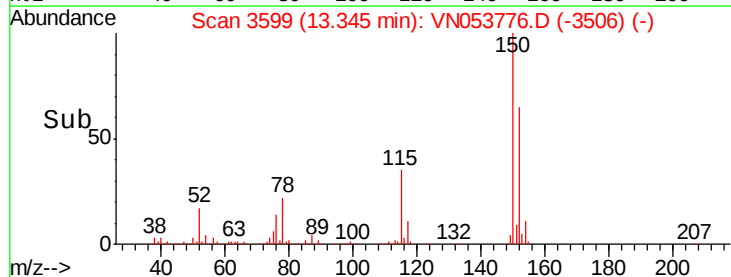
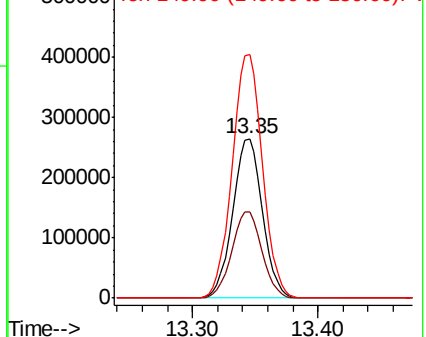
150 155.6 0.0 349.0

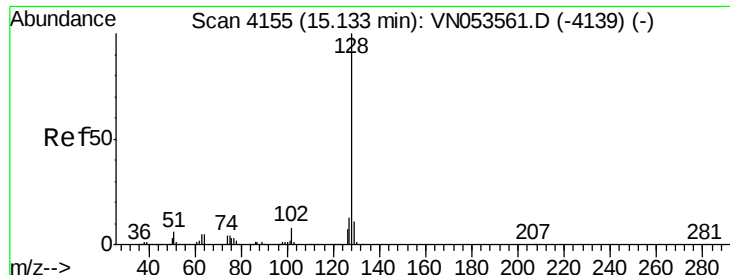


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 2.473 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053776.D

Acq: 14 Feb 2019 13:48

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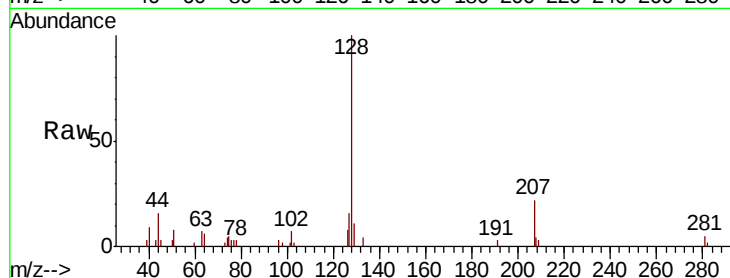
Tot Ion:128 Resp: 14591

Ion Ratio Lower Upper

128 100

127 13.9 10.3 15.5

129 10.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

