

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021419\
 Data File : VN053775.D
 Acq On : 14 Feb 2019 13:22
 Operator : JC/SP
 Sample : K1350-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Feb 15 04:21:53 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

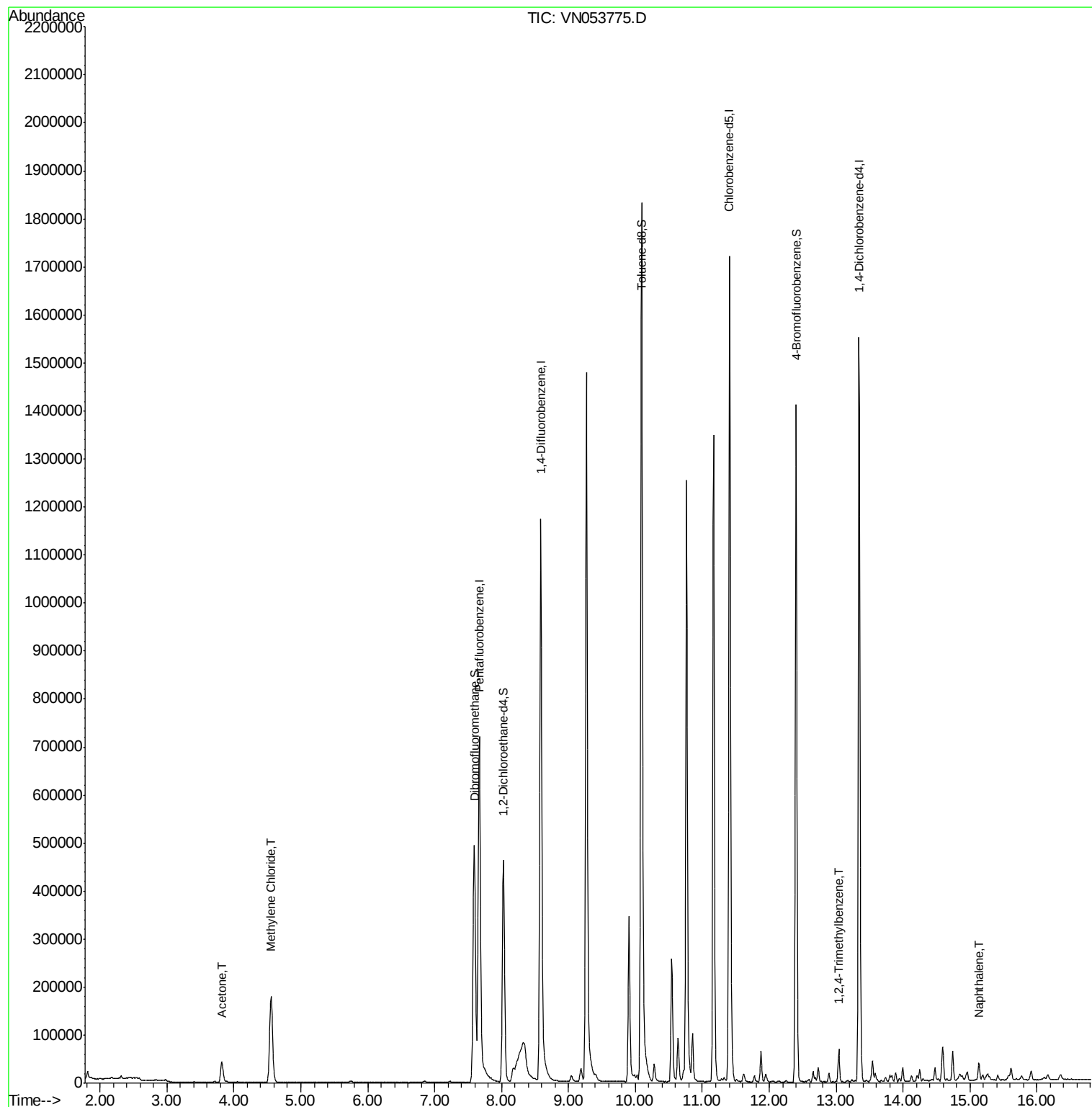
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	717783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1224005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1158266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	466833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	386833	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.44%	
35) Dibromofluoromethane	7.59	113	390731	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
50) Toluene-d8	10.09	98	1495084	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.40	95	492156	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
Target Compounds						
16) Acetone	3.81	43	74160	40.151	ug/l	97
20) Methylene Chloride	4.56	84	143885	18.568	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	41818	1.508	ug/l	96
95) Naphthalene	15.13	128	33044	3.292	ug/l	97

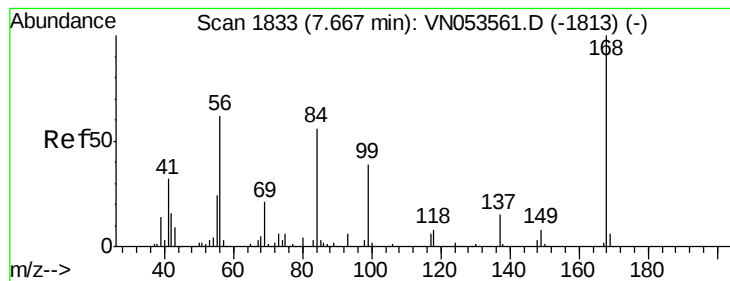
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053775.D

Acq: 14 Feb 2019 13:22

Instrument :

MSVOA_N

ClientSampleId :

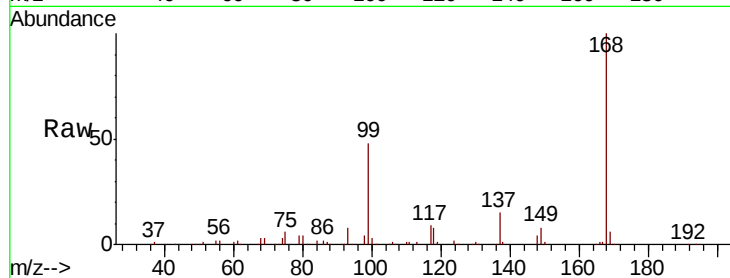
EO-02-021319-B

Tot Ion:168 Resp: 717783

Ion Ratio Lower Upper

168 100

99 47.8 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

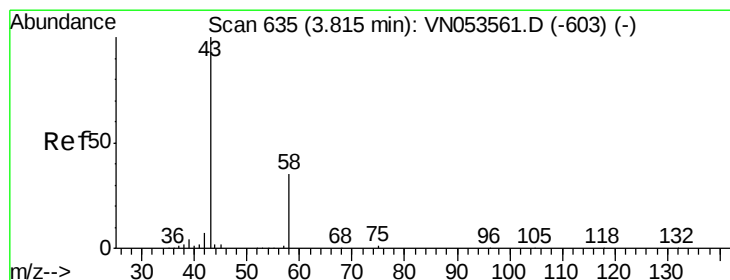
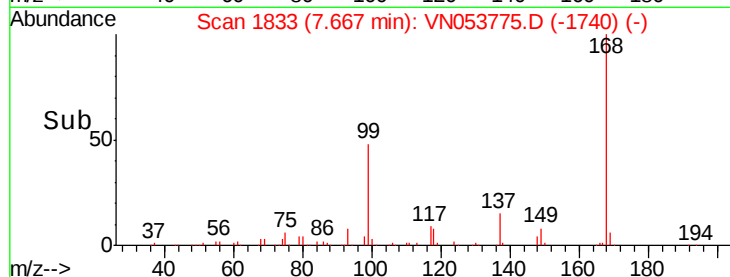
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 40.151 ug/l

RT: 3.81 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053775.D

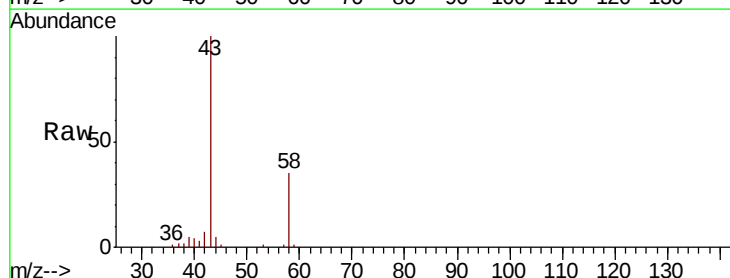
Acq: 14 Feb 2019 13:22

Tgt Ion: 43 Resp: 74160

Ion Ratio Lower Upper

43 100

58 35.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.81

30000

25000

20000

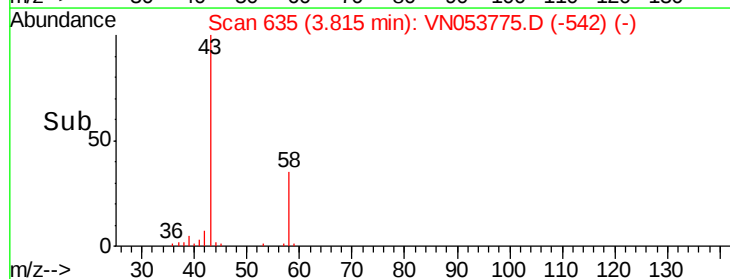
15000

10000

5000

0

Time-->

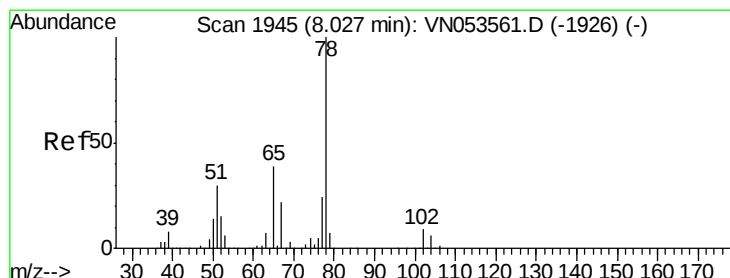
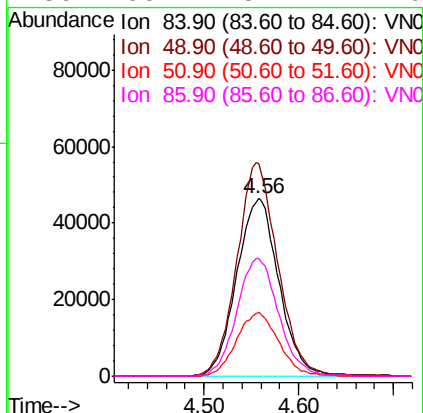
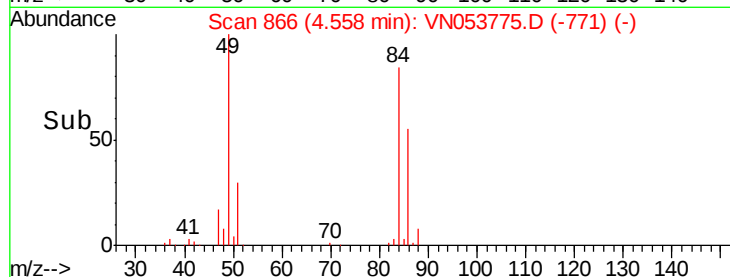
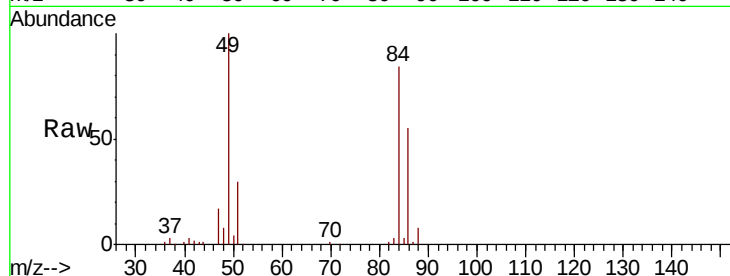




#20
Methvlene Chloride
Concen: 18.568 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053775.D
Acq: 14 Feb 2019 13:22

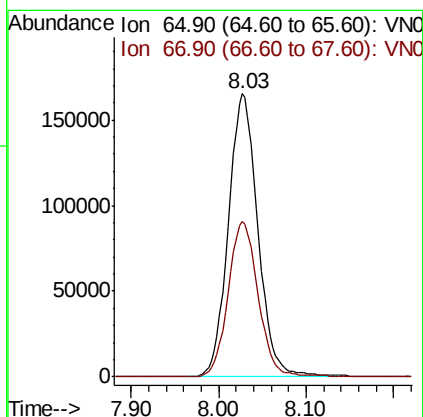
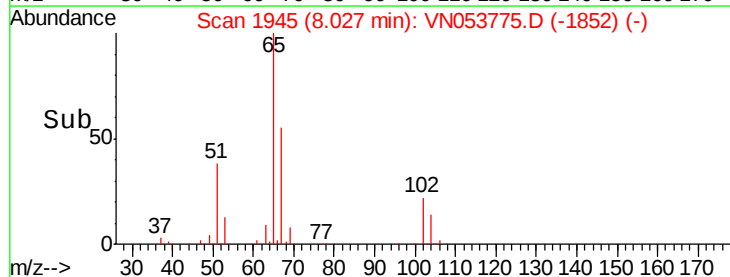
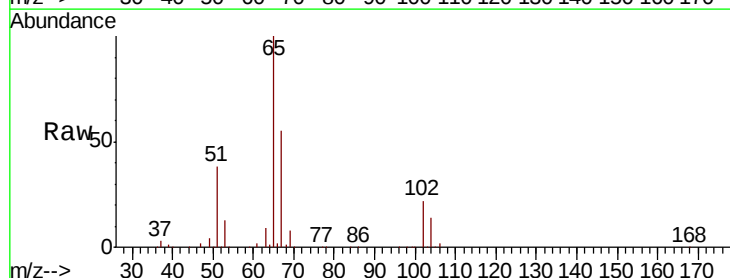
Instrument :
MSVOA_N
ClientSampleId :
EO-02-021319-B

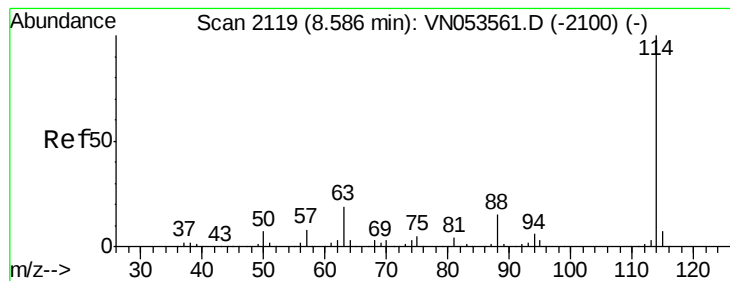
Tot Ion: 84 Resp: 143885
Ion Ratio Lower Upper
84 100
49 119.4 94.3 141.5
51 35.9 29.4 44.2
86 66.2 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 53.721 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053775.D
Acq: 14 Feb 2019 13:22

Tgt Ion: 65 Resp: 386833
Ion Ratio Lower Upper
65 100
67 55.9 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: VN053775.D

Acq: 14 Feb 2019 13:22

Instrument :

MSVOA_N

ClientSampled :

EO-02-021319-B

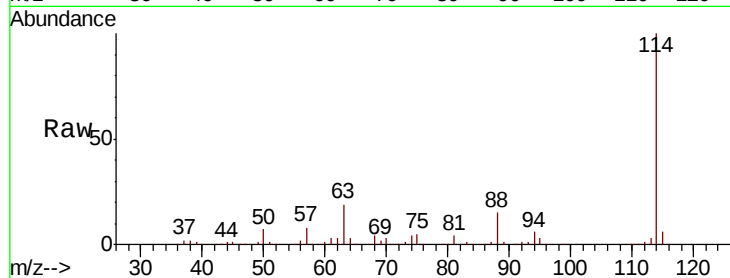
Tot Ion:114 Resp: 1224005

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

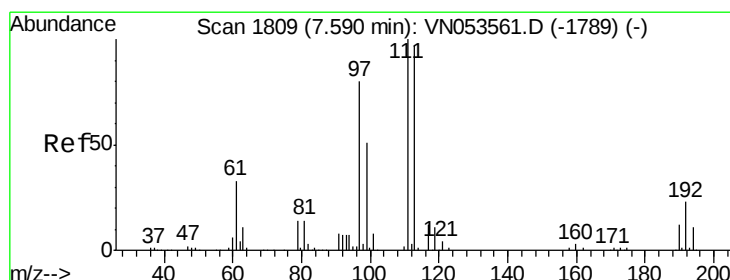
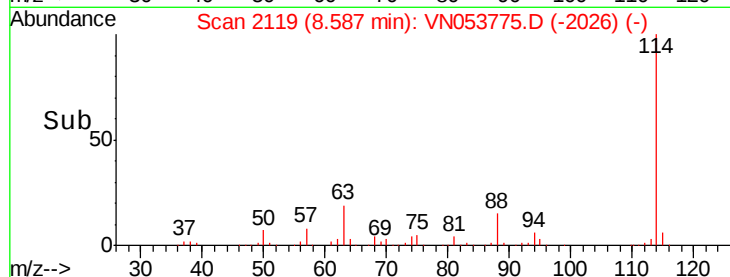
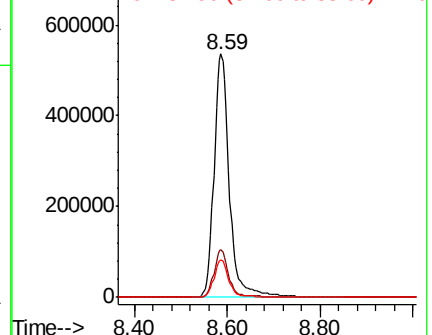
88 15.2 0.0 30.4



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: 50.520 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053775.D

Acq: 14 Feb 2019 13:22

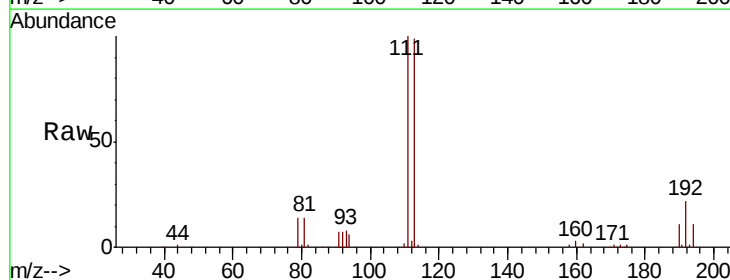
Tgt Ion:113 Resp: 390731

Ion Ratio Lower Upper

113 100

111 101.3 81.1 121.7

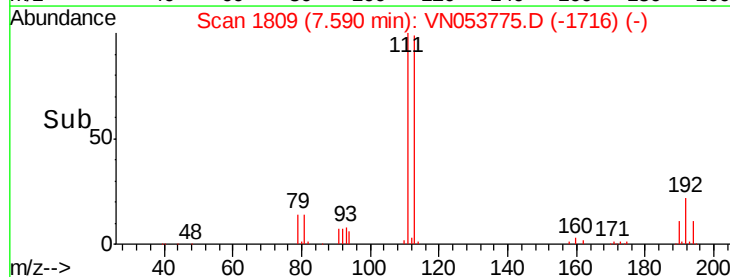
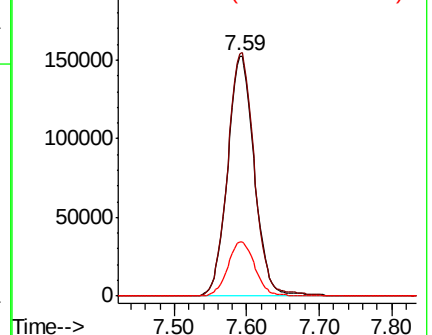
192 23.0 18.2 27.2

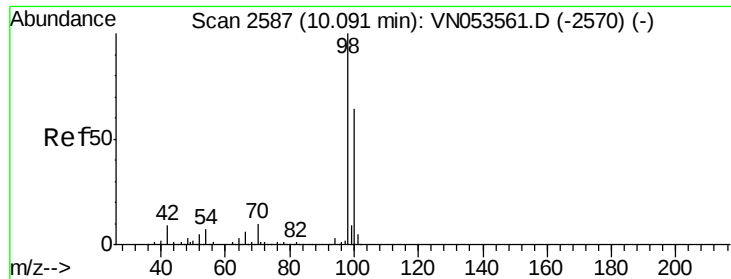


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.483 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053775.D

Acq: 14 Feb 2019 13:22

Instrument :

MSVOA_N

ClientSampleId :

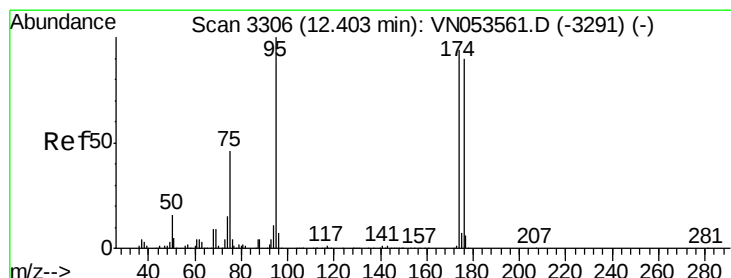
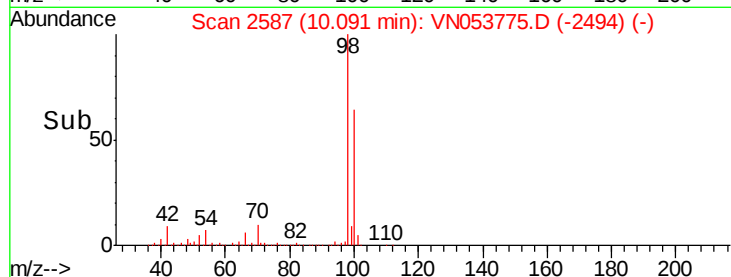
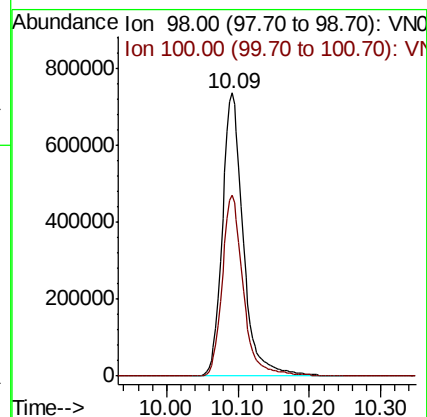
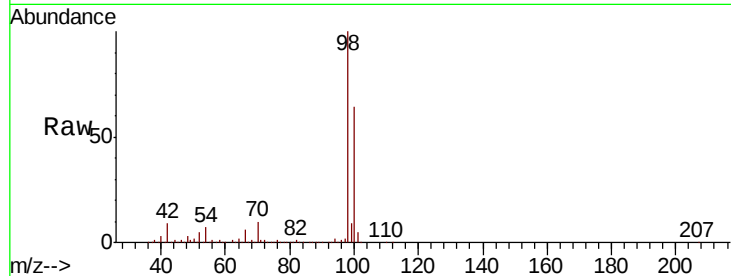
EO-02-021319-B

Tot Ion: 98 Resp: 1495084

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 50.814 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053775.D

Acq: 14 Feb 2019 13:22

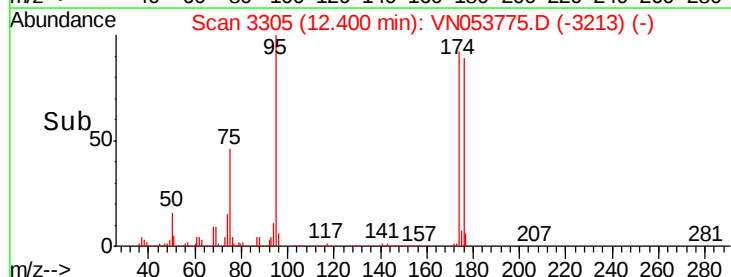
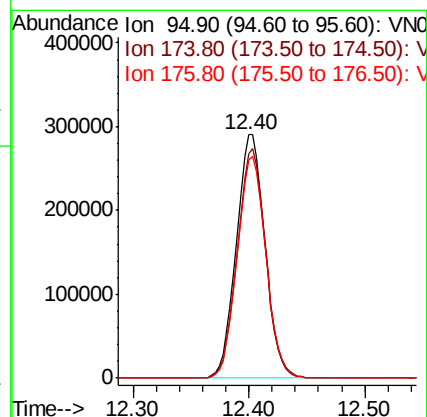
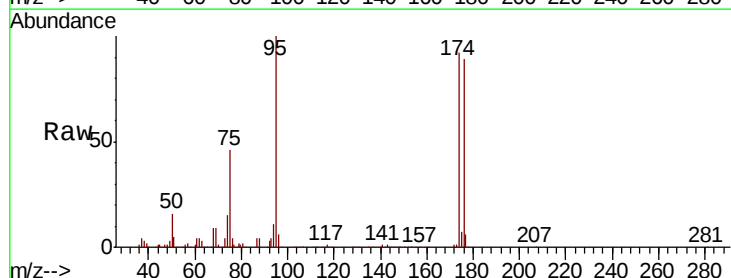
Tgt Ion: 95 Resp: 492156

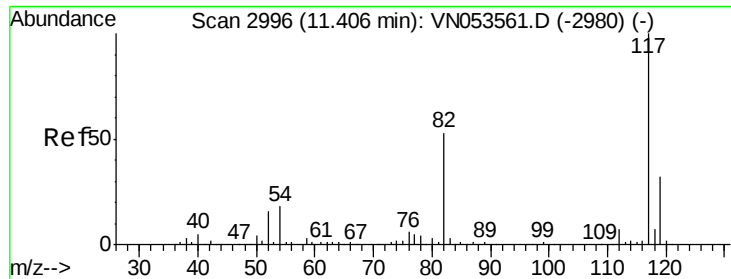
Ion Ratio Lower Upper

95 100

174 94.0 0.0 183.2

176 91.2 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: VN053775.D

Acq: 14 Feb 2019 13:22

Instrument :

MSVOA_N

ClientSampleId :

EO-02-021319-B

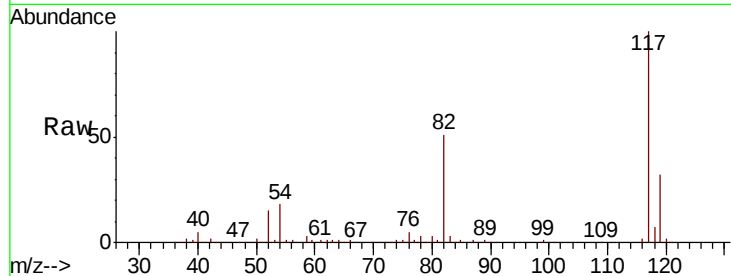
Tot Ion:117 Resp: 1158266

Ion Ratio Lower Upper

117 100

82 51.2 42.9 64.3

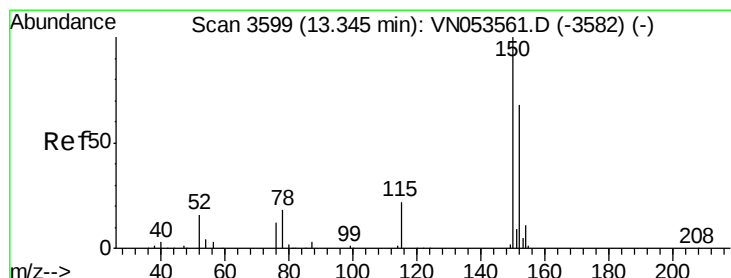
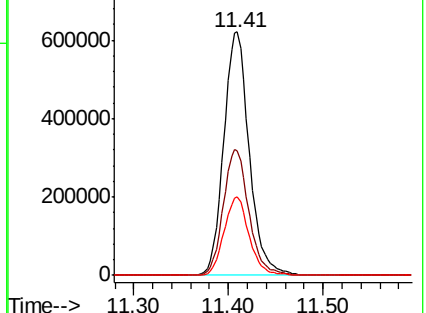
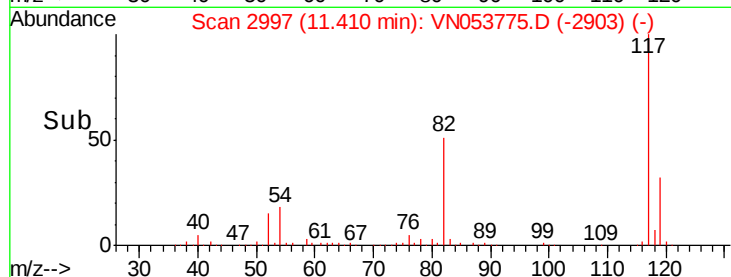
119 32.2 26.0 39.0



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053775.D

Acq: 14 Feb 2019 13:22

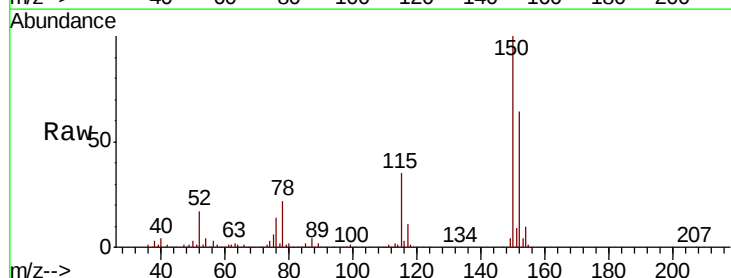
Tgt Ion:152 Resp: 466833

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.4

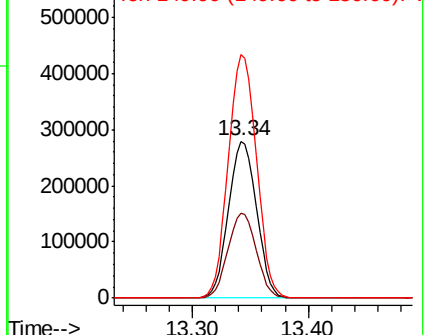
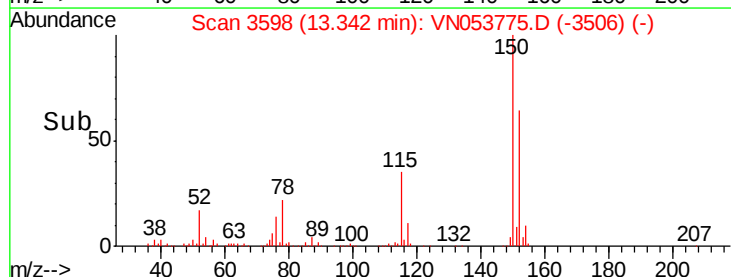
150 156.1 0.0 349.0

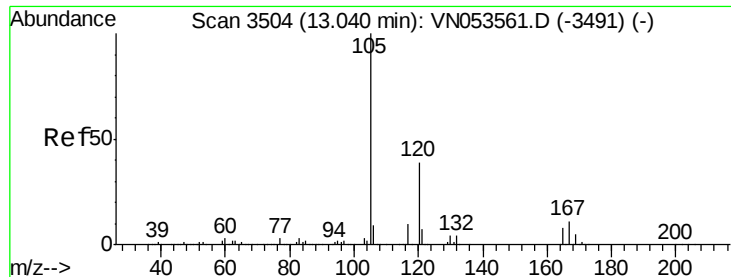


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

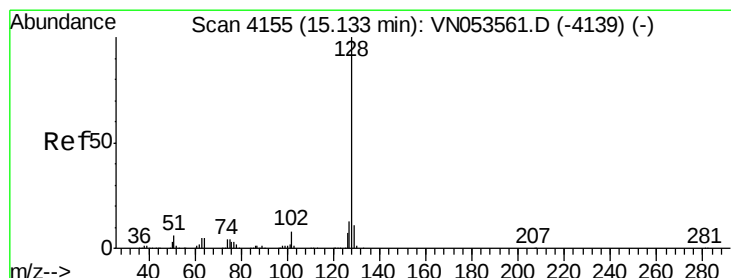
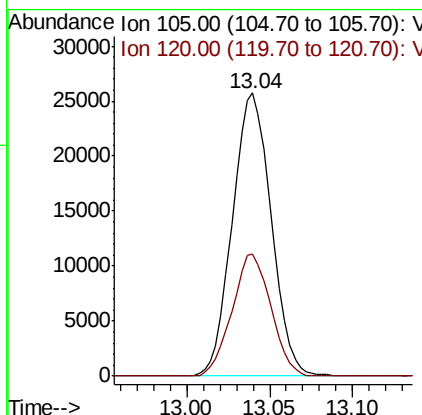
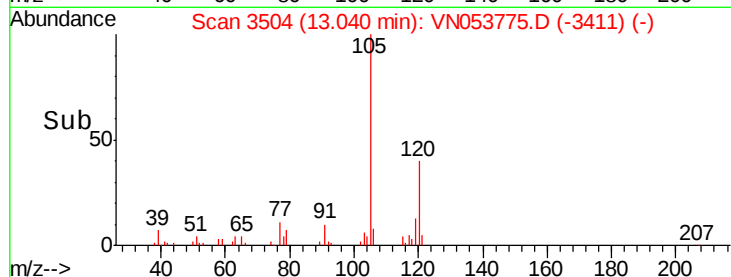
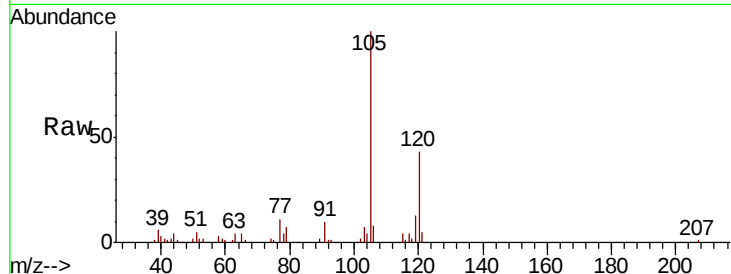




#84
 1,2,4-Trimethylbenzene
 Concen: 1.508 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053775.D
 Acq: 14 Feb 2019 13:22

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

Tot Ion:105 Resp: 41818
 Ion Ratio Lower Upper
 105 100
 120 43.3 23.0 69.0



#95
 Naphthalene
 Concen: 3.292 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053775.D
 Acq: 14 Feb 2019 13:22

Tgt Ion:128 Resp: 33044
 Ion Ratio Lower Upper
 128 100
 127 11.2 10.3 15.5
 129 11.1 8.6 13.0

