

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
 Data File : VN060669.D
 Acq On : 24 Mar 2020 14:05
 Operator : JC/MD
 Sample : L2023-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS038-200323

Quant Time: Mar 25 09:32:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

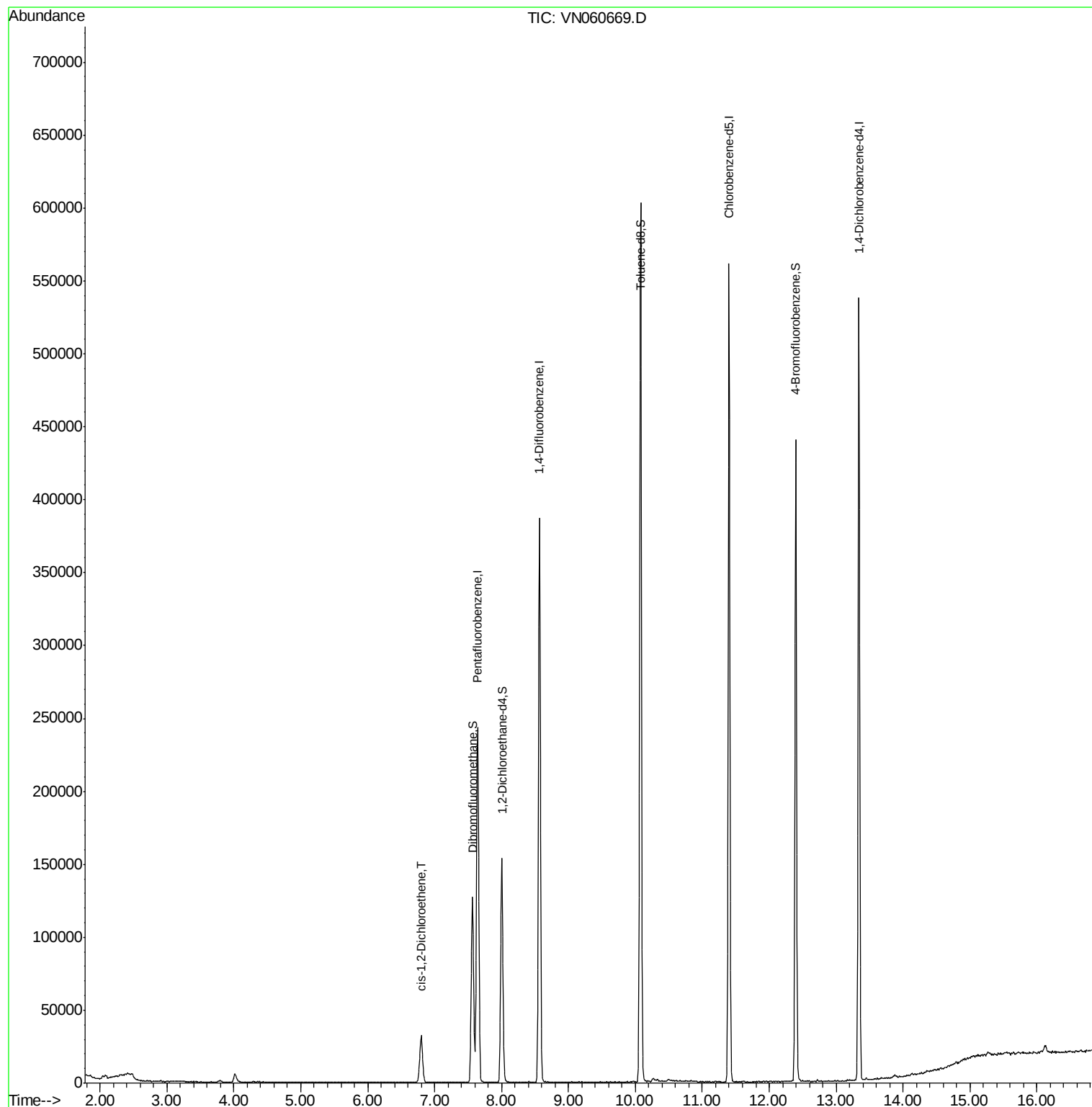
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	202365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	336568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	314840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143379	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	131684	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
35) Dibromofluoromethane	7.56	113	99090	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
50) Toluene-d8	10.08	98	415634	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.40	95	154964	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.80	96	21500	8.102	ug/l	Qvalue 88

(#) = 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: VN060669.D

Acq: 24 Mar 2020 14:05

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ClientSampleId :

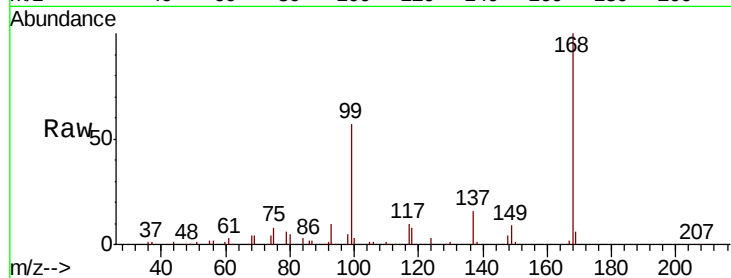
KY038PS038-200323

Tot Ion:168 Resp: 202365

Ion Ratio Lower Upper

168 100

99 57.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

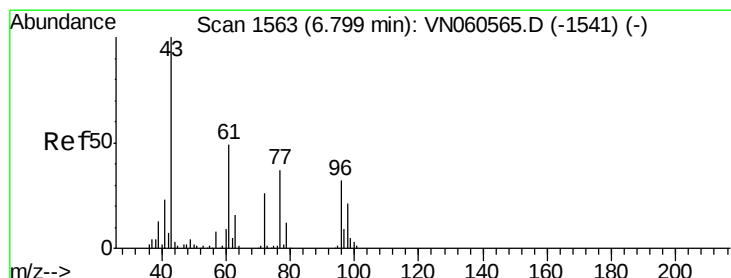
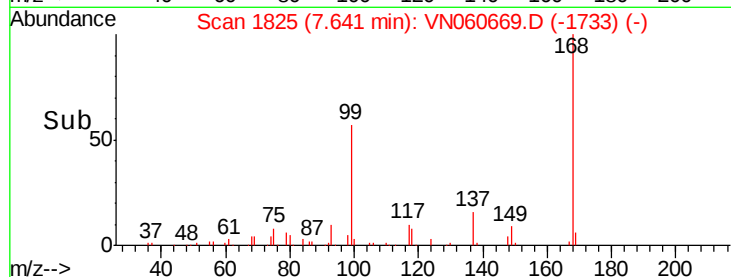
40000

20000

0

7.60 7.70

Time-->



#27

cis-1,2-Dichloroethene

Concen: 8.102 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN060669.D

Acq: 24 Mar 2020 14:05

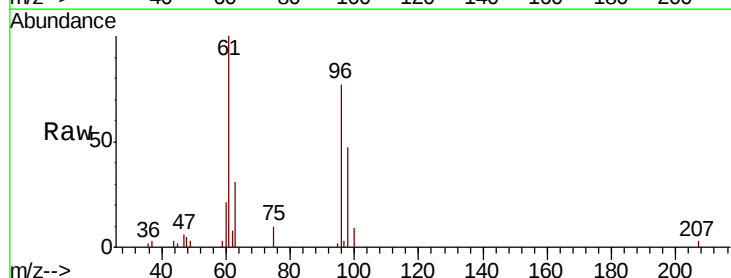
Tgt Ion: 96 Resp: 21500

Ion Ratio Lower Upper

96 100

61 134.0 0.0 305.6

98 60.4 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

6.80

12000

10000

8000

6000

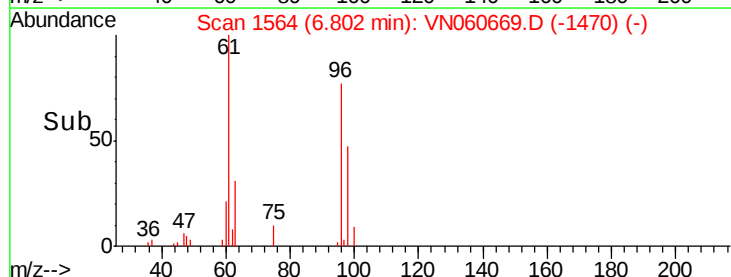
4000

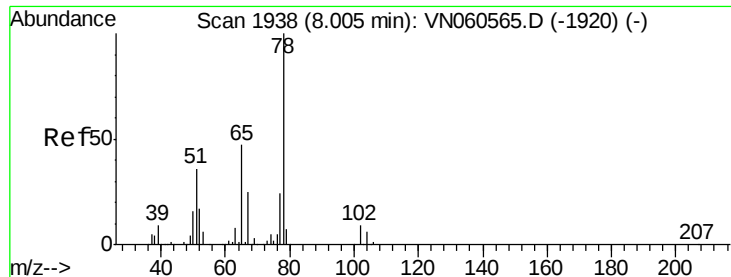
2000

0

6.70 6.75 6.80 6.85 6.90

Time-->

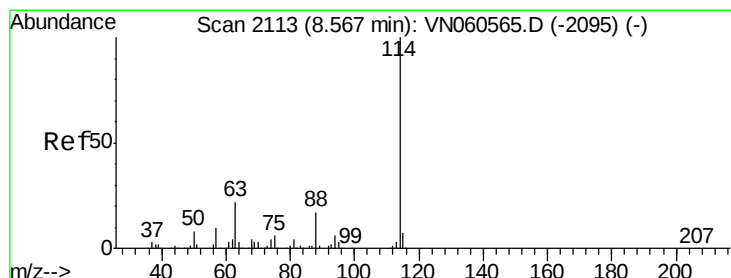
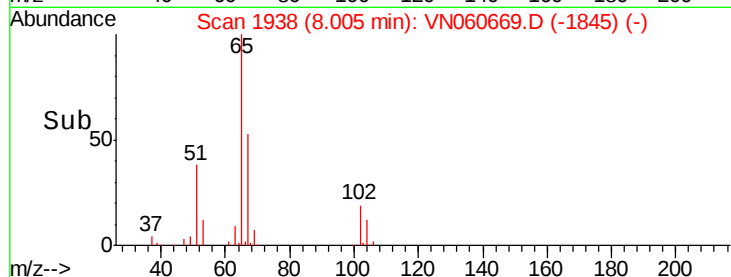
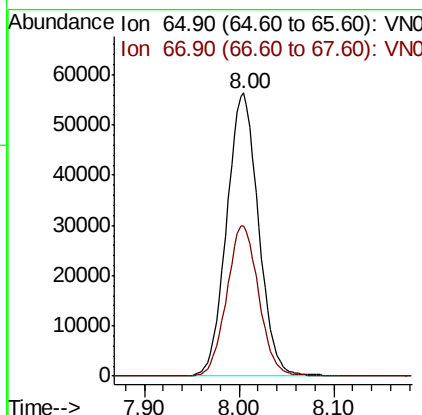
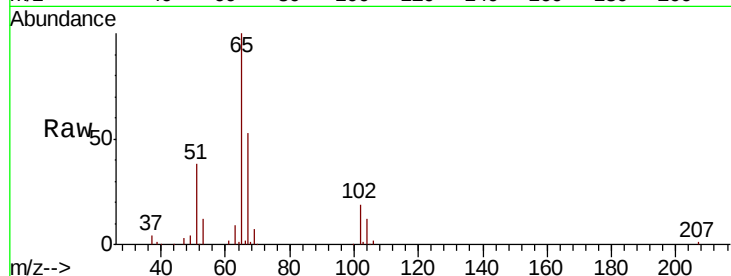




#33
 1,2-Dichloroethane-d4
 Concen: 47.402 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060669.D
 Acq: 24 Mar 2020 14:05

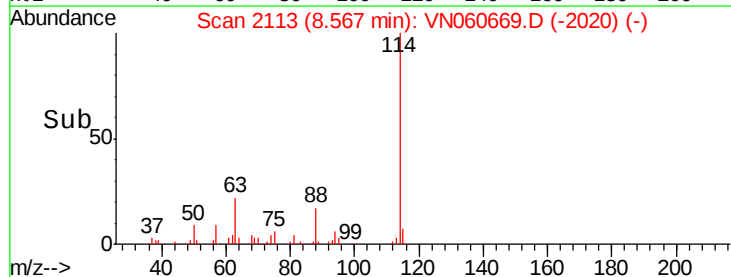
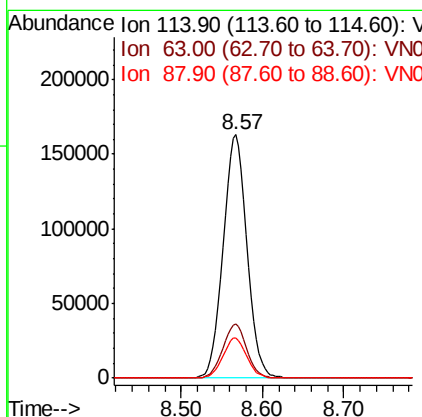
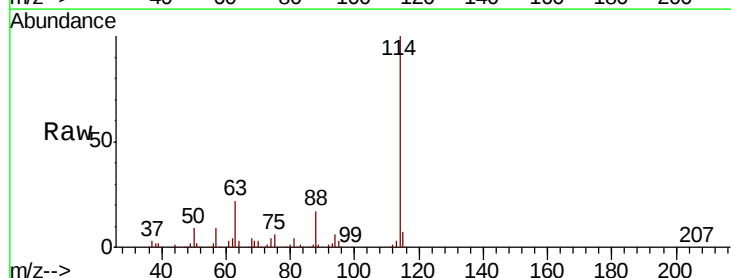
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 KY038PS038-200323

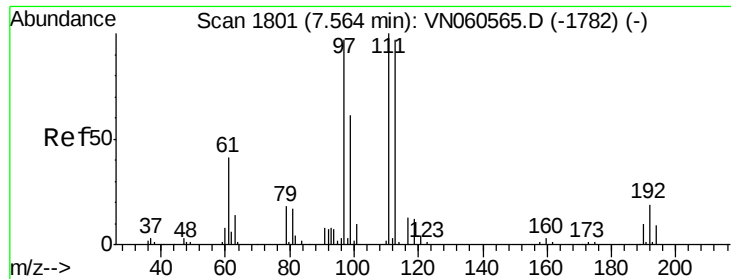
Tot Ion: 65 Resp: 131684
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060669.D
 Acq: 24 Mar 2020 14:05

Tgt Ion: 114 Resp: 336568
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.8
 88 16.5 0.0 33.0

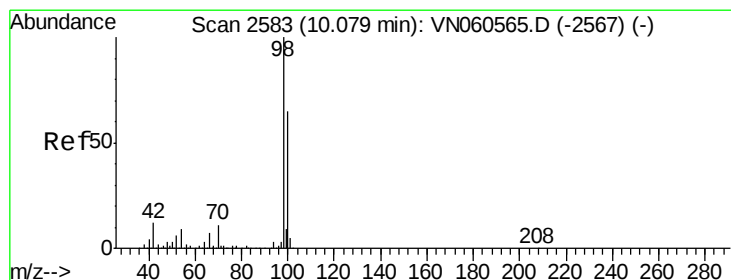
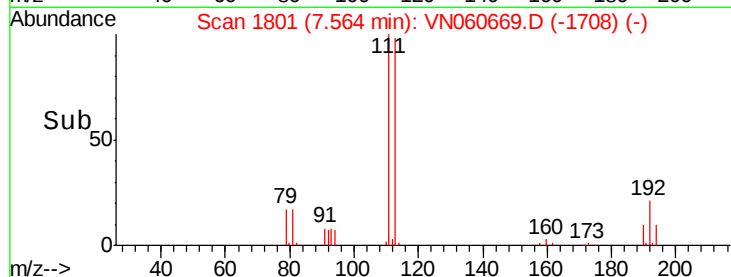
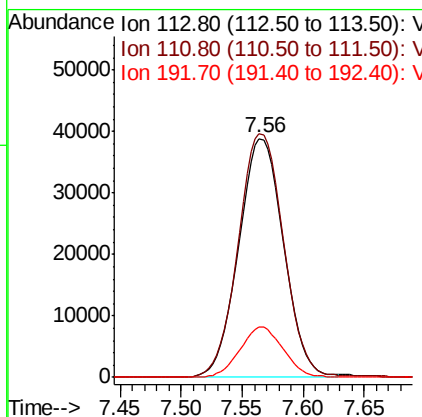
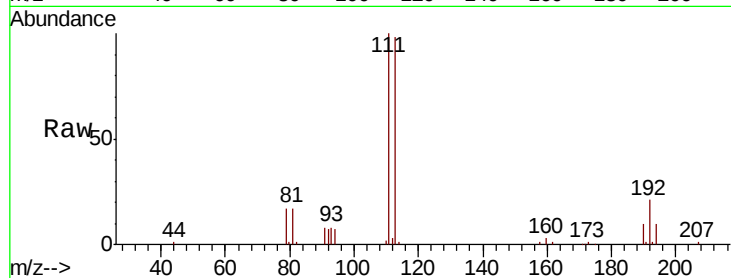




#35
Dibromofluoromethane
Concen: 48.690 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060669.D
Acq: 24 Mar 2020 14:05

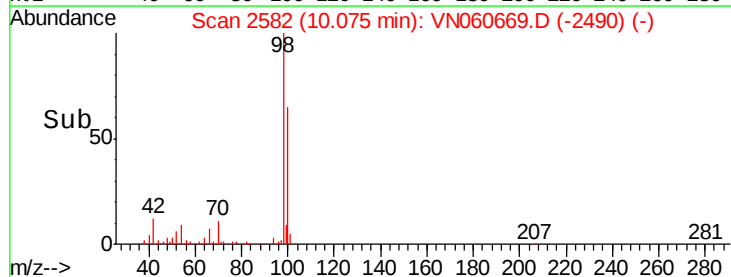
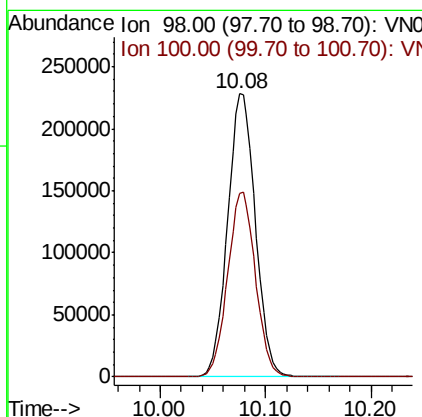
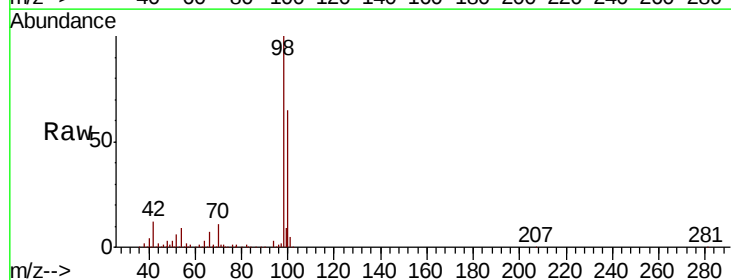
Instrument :
MSVOA_N
ClientSampleId :
KY038PS038-200323

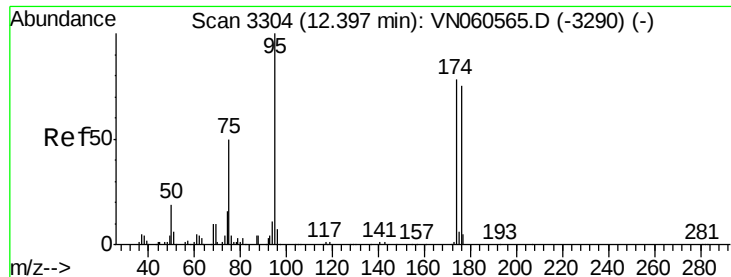
Tot Ion:113 Resp: 99090
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 20.2 15.8 23.8



#50
Toluene-d8
Concen: 50.000 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060669.D
Acq: 24 Mar 2020 14:05

Tgt Ion: 98 Resp: 415634
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 50.867 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060669.D

Acq: 24 Mar 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

KY038PS038-200323

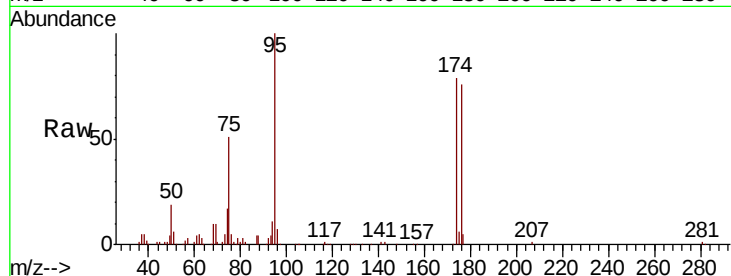
Tot Ion: 95 Resp: 154964

Ion Ratio Lower Upper

95 100

174 78.6 0.0 157.6

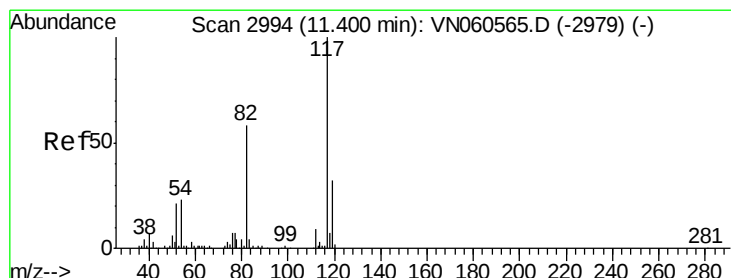
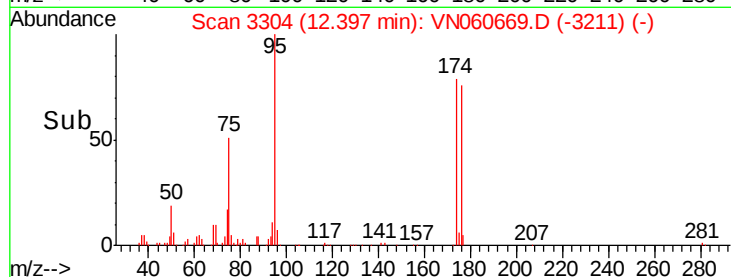
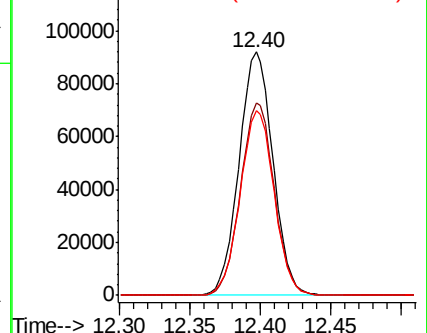
176 75.9 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060669.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060669.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060669.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060669.D

Acq: 24 Mar 2020 14:05

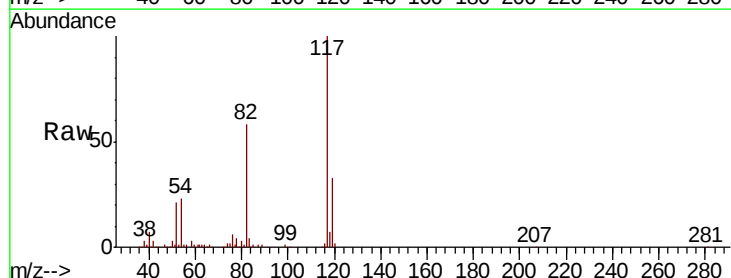
Tgt Ion: 117 Resp: 314840

Ion Ratio Lower Upper

117 100

82 58.1 46.7 70.1

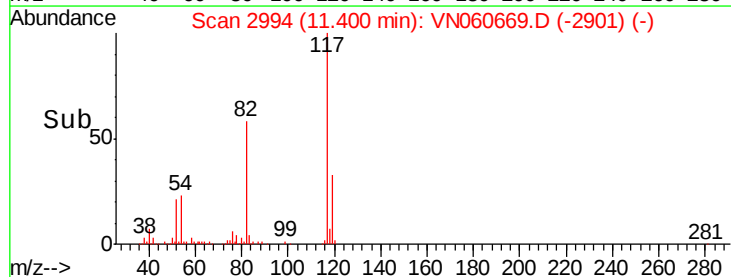
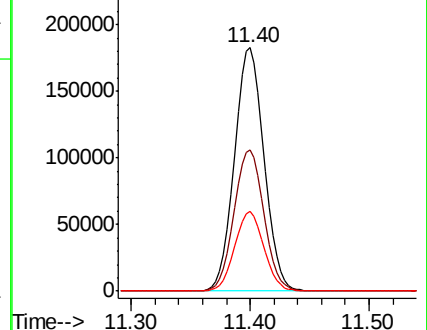
119 32.6 25.5 38.3

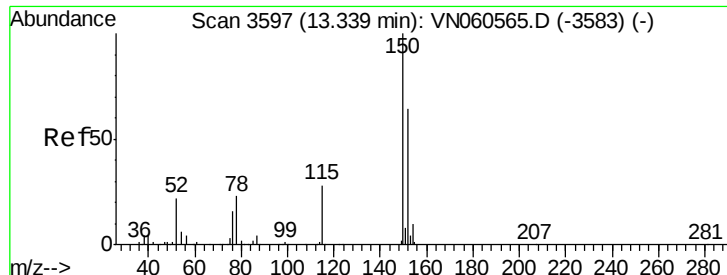


Abundance Ion 116.90 (116.60 to 117.60): VN060669.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060669.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060669.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060669.D

Acq: 24 Mar 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

KY038PS038-200323

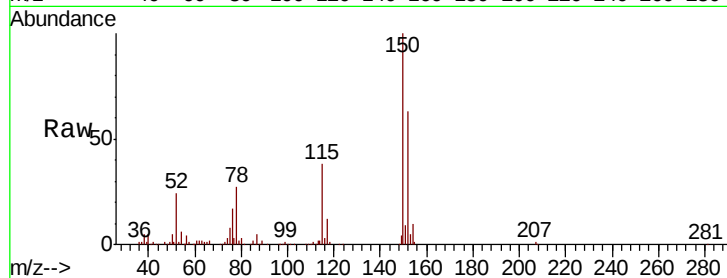
Tot Ion:152 Resp: 143379

Ion Ratio Lower Upper

152 100

115 60.0 30.2 90.6

150 157.8 0.0 350.2



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

