

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
 Data File : VN060668.D
 Acq On : 24 Mar 2020 13:42
 Operator : JC/MD
 Sample : L2023-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS037-200323

Quant Time: Mar 25 16:50:22 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

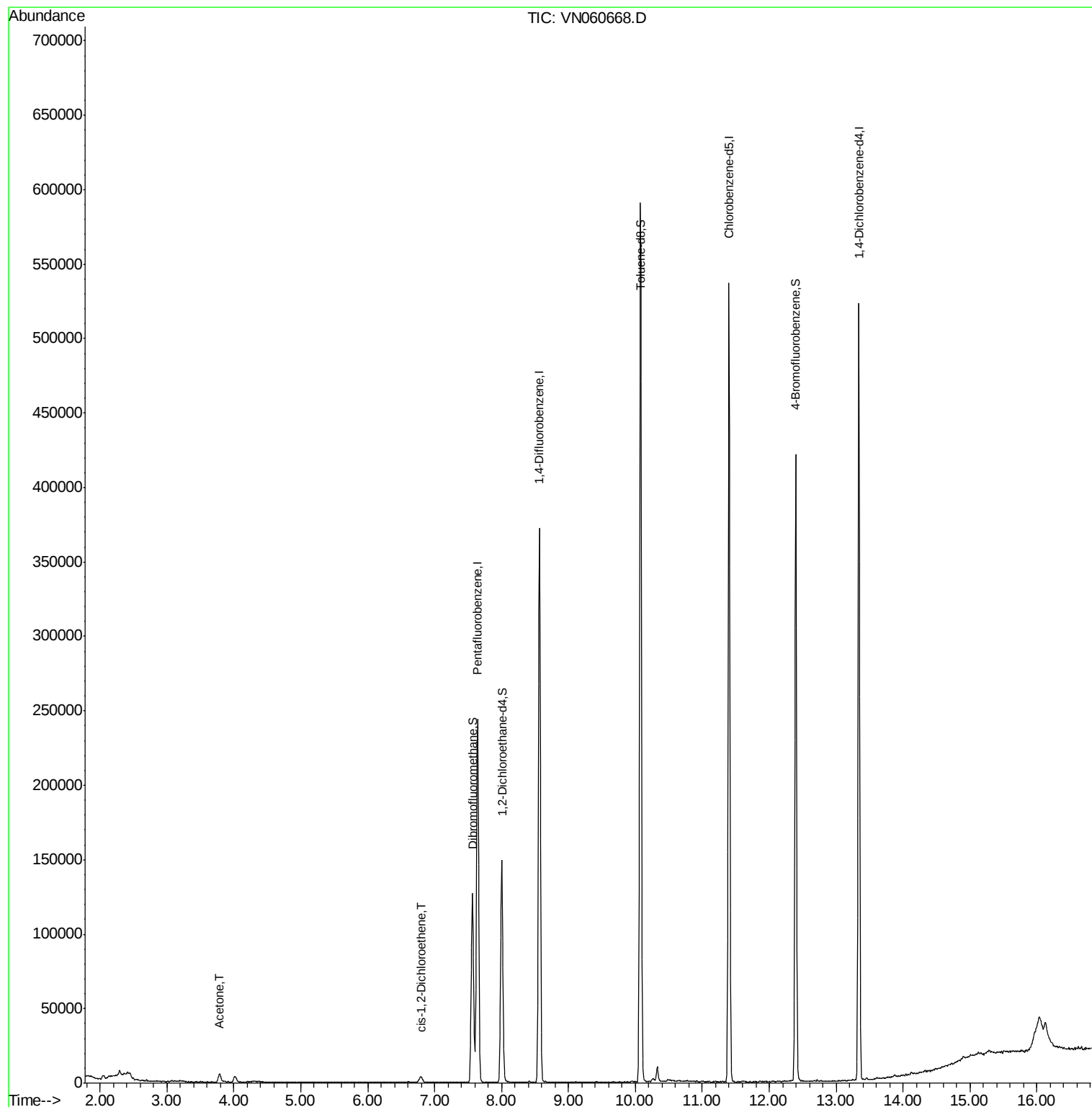
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	198729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	331135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	304495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	137713	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	130034	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
35) Dibromofluoromethane	7.56	113	98096	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
50) Toluene-d8	10.08	98	404803	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	12.40	95	149430	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
Target Compounds						
16) Acetone	3.79	43	10246	10.603	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	2134	0.819	ug/l	84

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060668.D

Acq: 24 Mar 2020 13:42

Instrument :

MSVOA_N

ClientSampleId :

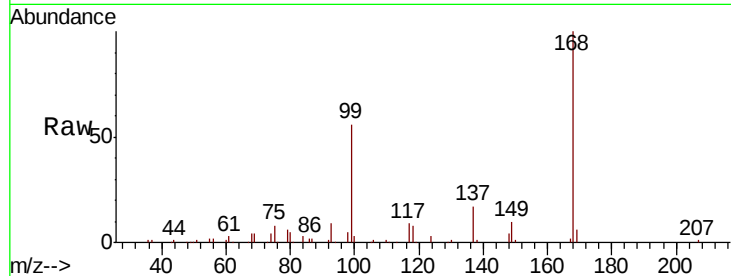
KY038PS037-200323

Tot Ion:168 Resp: 198729

Ion Ratio Lower Upper

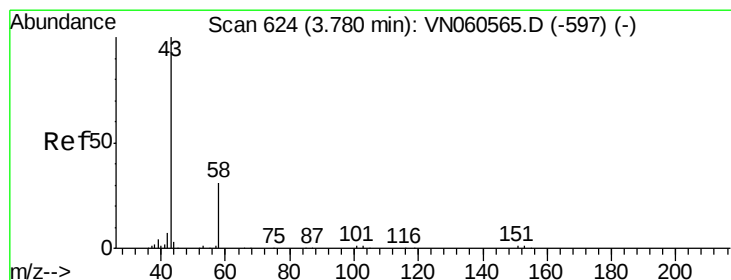
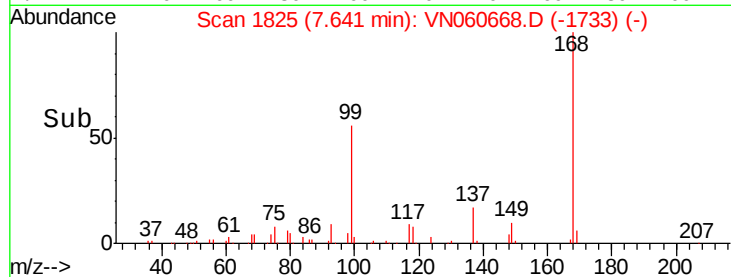
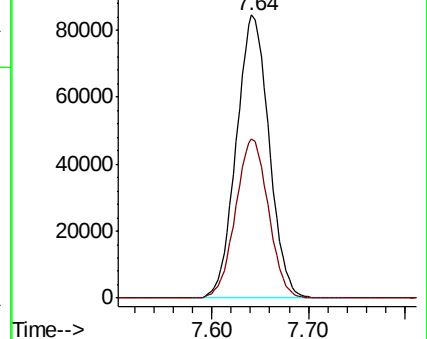
168 100

99 56.3 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060565.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN060565.D (-1807) (-)



#16

Acetone

Concen: 10.603 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060668.D

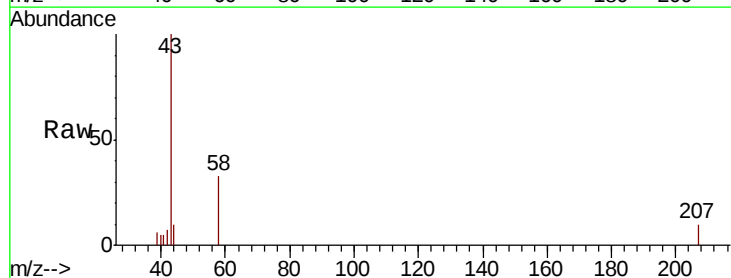
Acq: 24 Mar 2020 13:42

Tgt Ion: 43 Resp: 10246

Ion Ratio Lower Upper

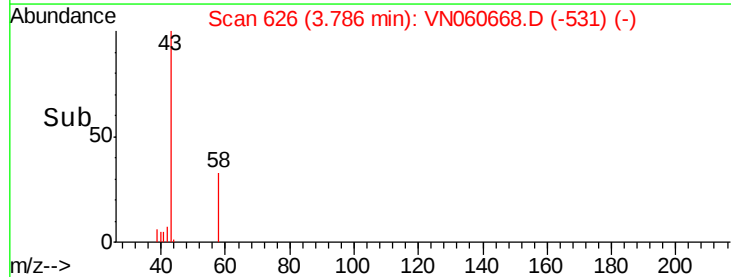
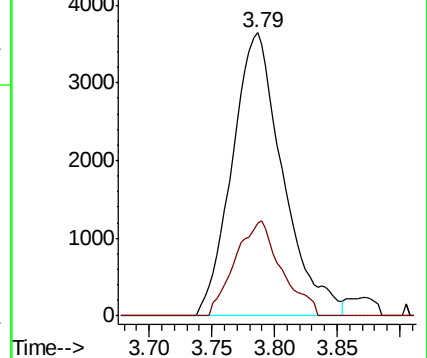
43 100

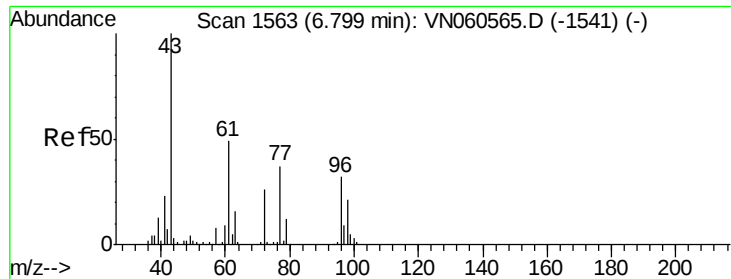
58 32.9 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN060565.D (-597) (-)





#27

cis-1,2-Dichloroethene

Concen: 0.819 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN060668.D

Acq: 24 Mar 2020 13:42

Instrument :

MSVOA_N

ClientSampleId :

KY038PS037-200323

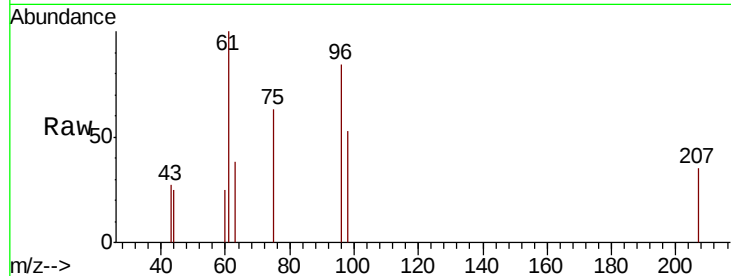
Tot Ion: 96 Resp: 2134

Ion Ratio Lower Upper

96 100

61 131.7 0.0 305.6

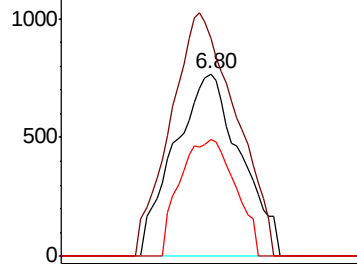
98 53.3 0.0 127.6



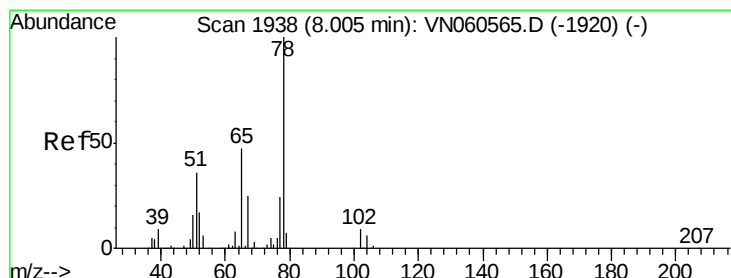
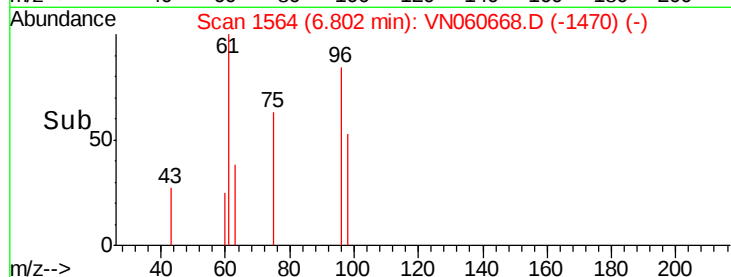
Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.665 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060668.D

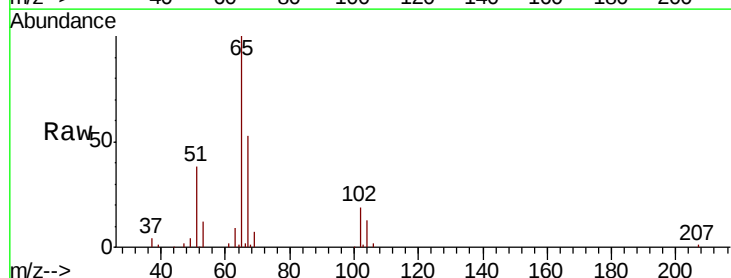
Acq: 24 Mar 2020 13:42

Tgt Ion: 65 Resp: 130034

Ion Ratio Lower Upper

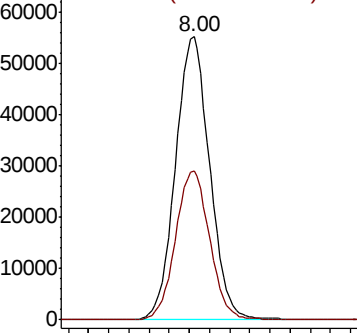
65 100

67 52.5 0.0 107.6

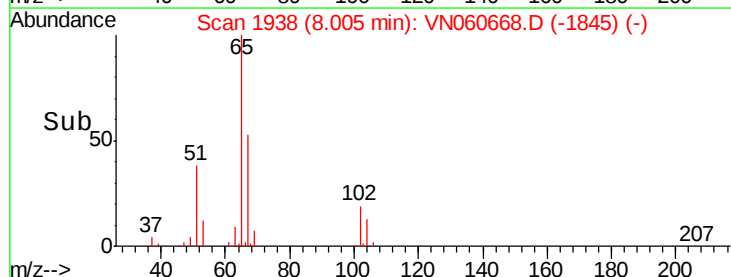


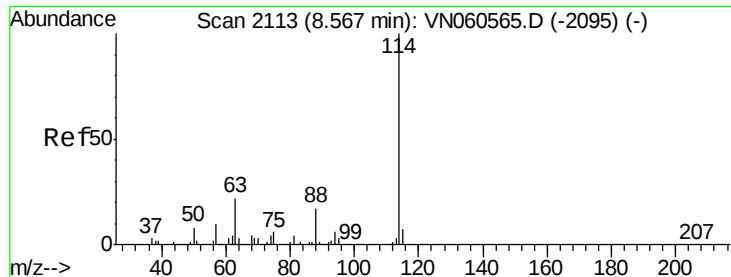
Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



Time-->

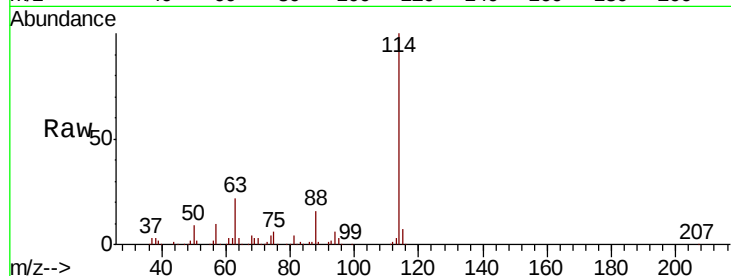




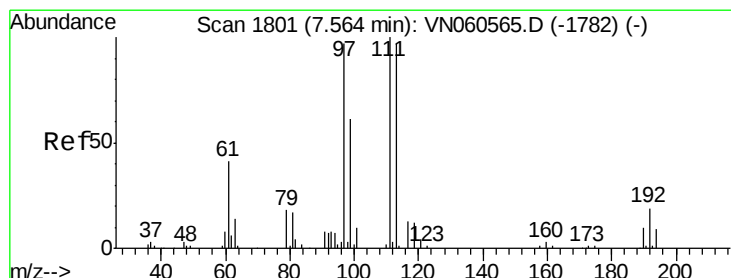
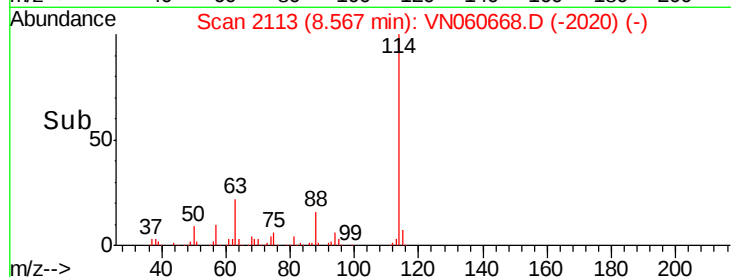
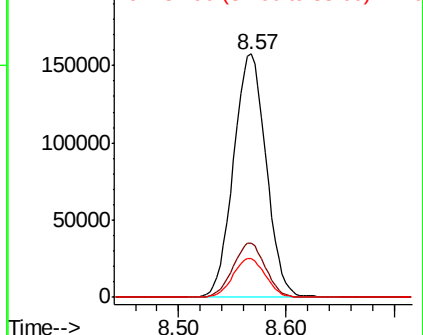
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060668.D
 Acq: 24 Mar 2020 13:42

Instrument :
 MSVOA_N
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 KY038PS037-200323

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.8
88	15.8	0.0	33.0

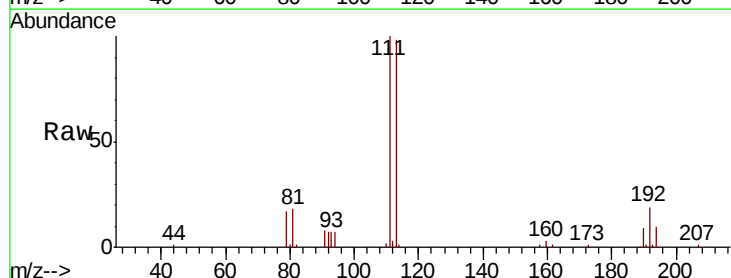


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

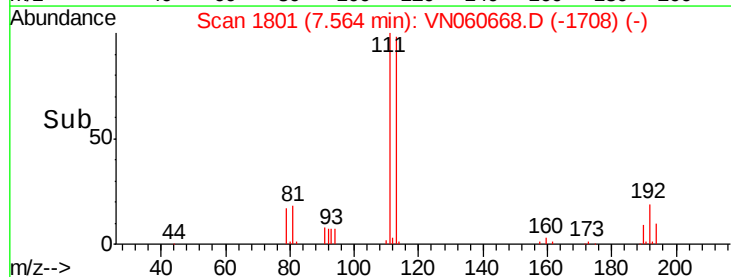
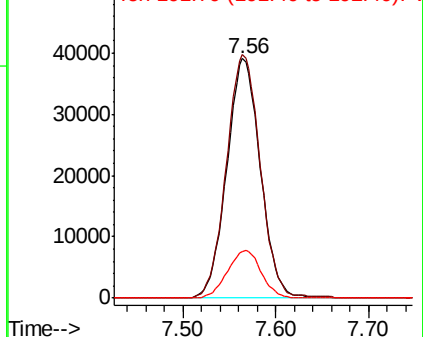


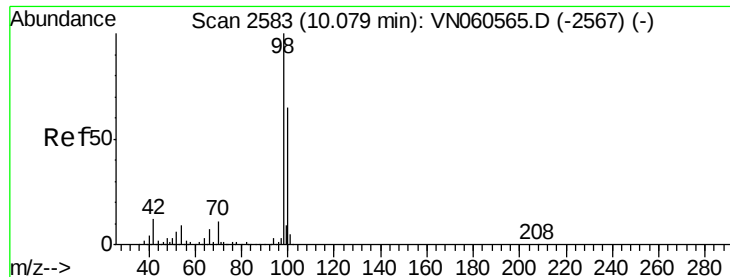
#35
 Dibromofluoromethane
 Concen: 48.992 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060668.D
 Acq: 24 Mar 2020 13:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	19.8	15.8	23.8



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: 49.496 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060668.D

Acq: 24 Mar 2020 13:42

Instrument :

MSVOA_N

ClientSampleId :

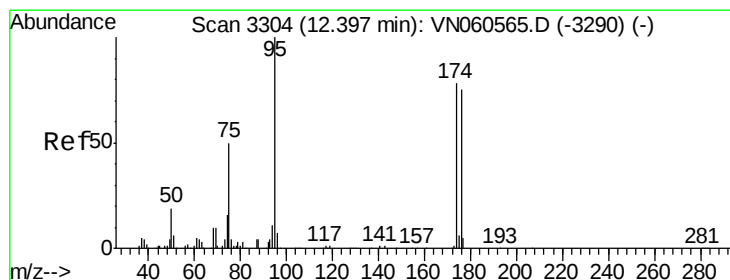
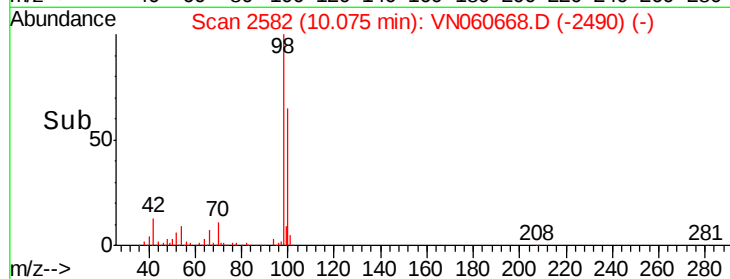
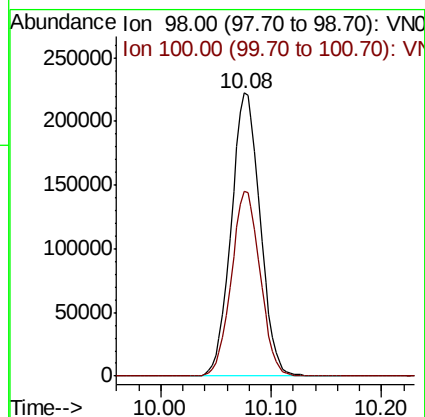
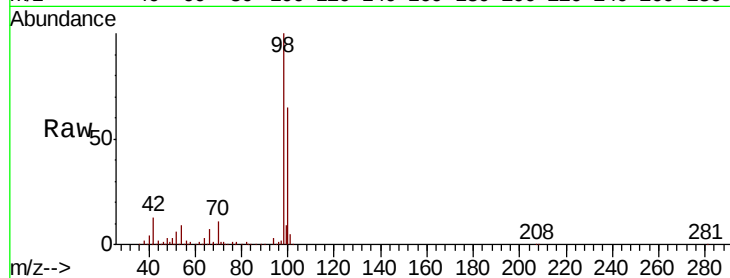
KY038PS037-200323

Tot Ion: 98 Resp: 404803

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 49.855 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060668.D

Acq: 24 Mar 2020 13:42

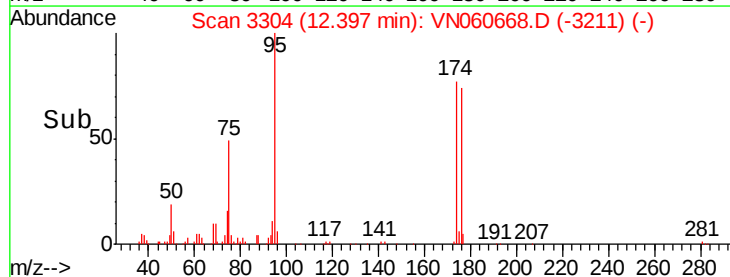
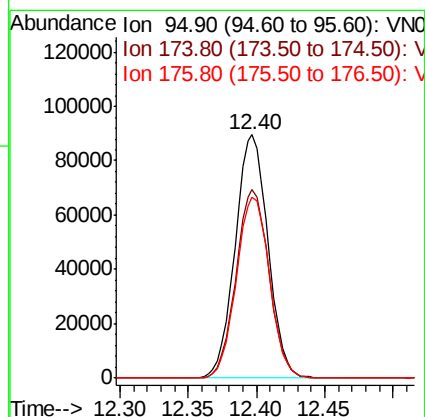
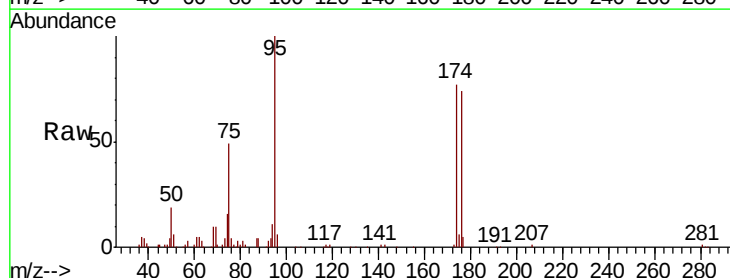
Tgt Ion: 95 Resp: 149430

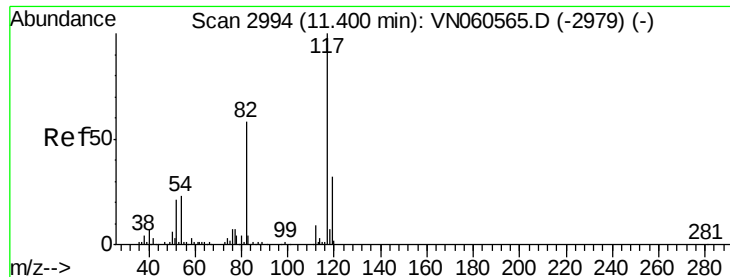
Ion Ratio Lower Upper

95 100

174 78.0 0.0 157.6

176 75.4 0.0 150.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060668.D

Acq: 24 Mar 2020 13:42

Instrument :

MSVOA_N

ClientSampleId :

KY038PS037-200323

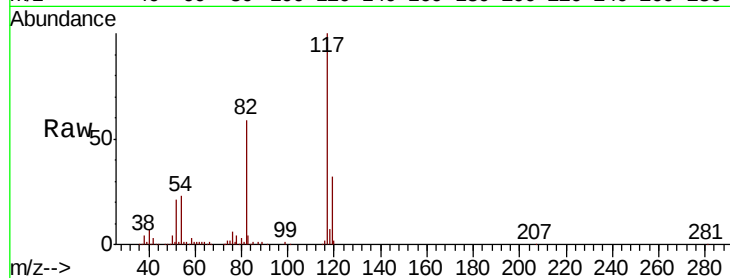
Tot Ion:117 Resp: 304495

Ion Ratio Lower Upper

117 100

82 58.8 46.7 70.1

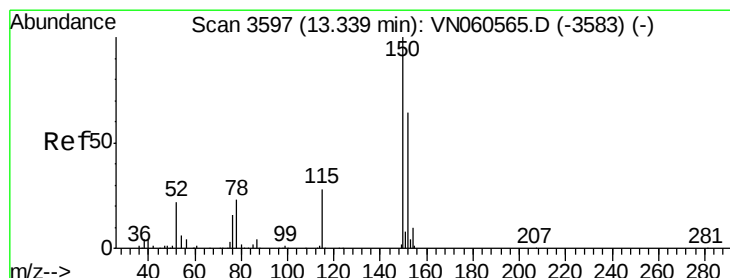
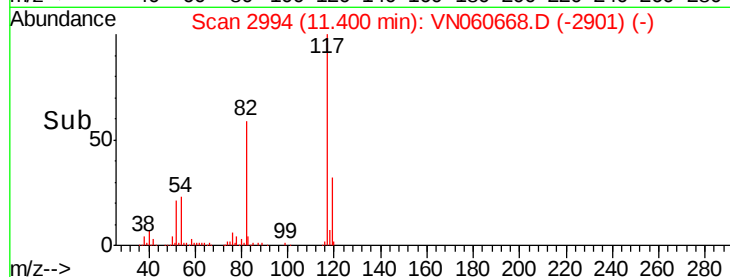
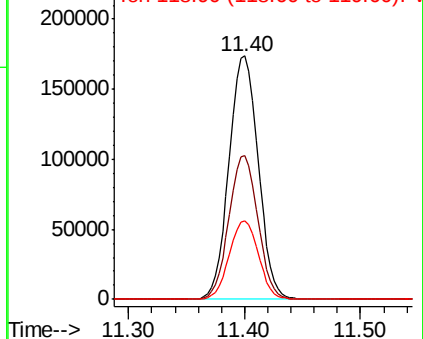
119 32.3 25.5 38.3



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: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060668.D

Acq: 24 Mar 2020 13:42

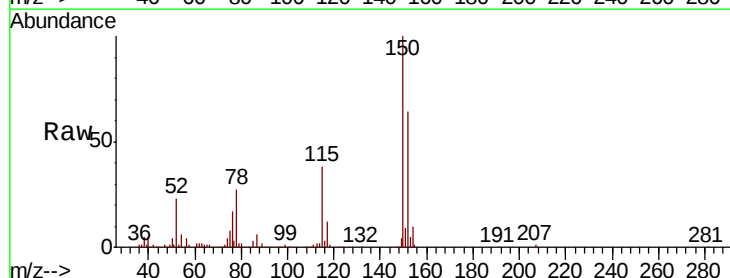
Tgt Ion:152 Resp: 137713

Ion Ratio Lower Upper

152 100

115 59.2 30.2 90.6

150 157.0 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

