

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072220\
 Data File : VN062592.D
 Acq On : 22 Jul 2020 13:59
 Operator : JC/MD
 Sample : L3371-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS037-200720

Quant Time: Jul 23 07:31:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

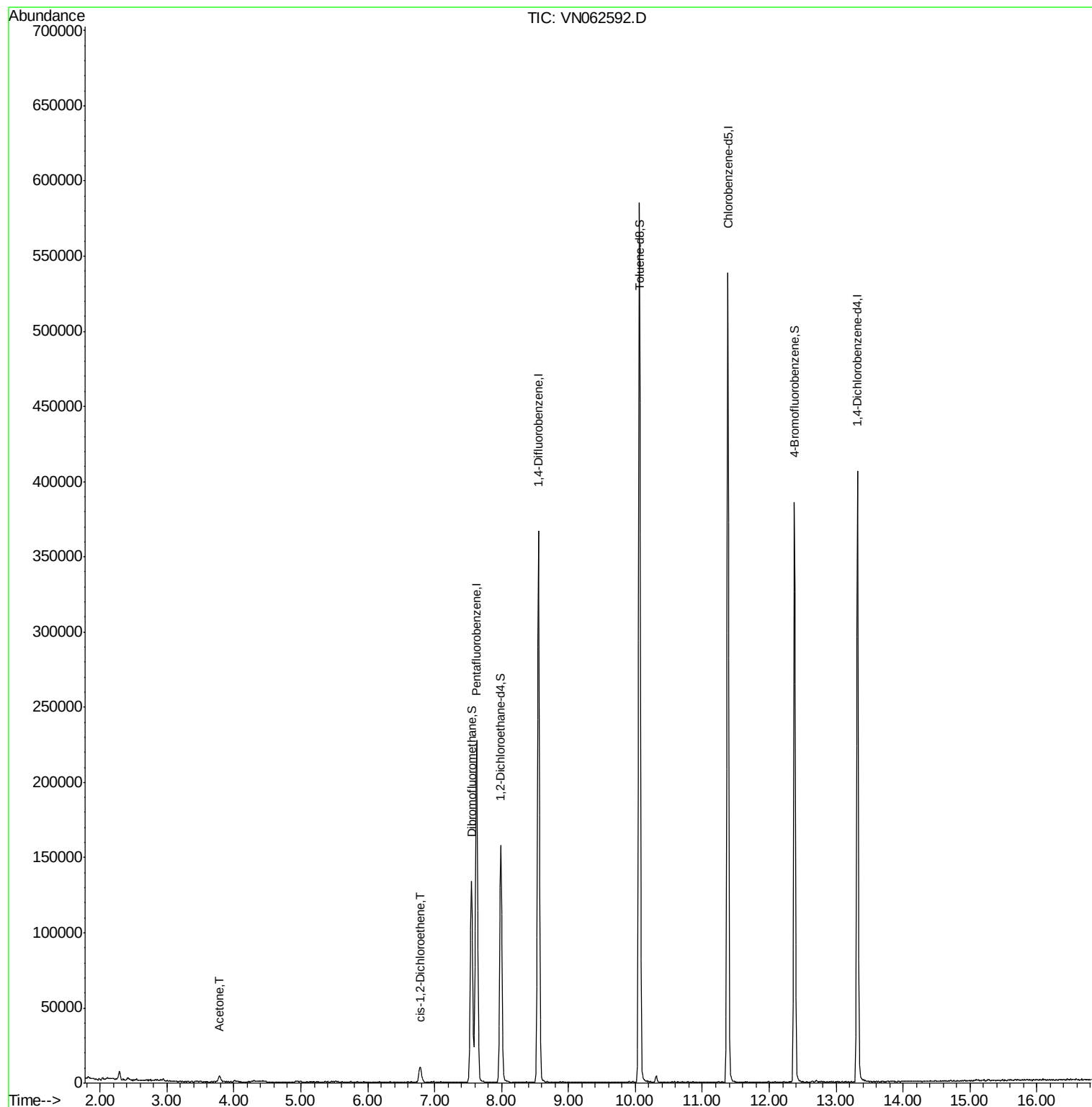
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	174519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	306740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	297488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	105195	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	140879	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
35) Dibromofluoromethane	7.55	113	103469	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
50) Toluene-d8	10.06	98	398105	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.38	95	138765	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
Target Compounds						
16) Acetone	3.79	43	7427	7.280	ug/l	91
27) cis-1,2-Dichloroethene	6.78	96	6959	2.941	ug/l	76

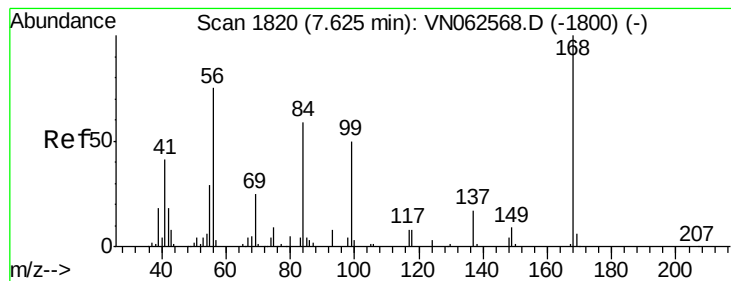
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062592.D

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ClientSampleId :

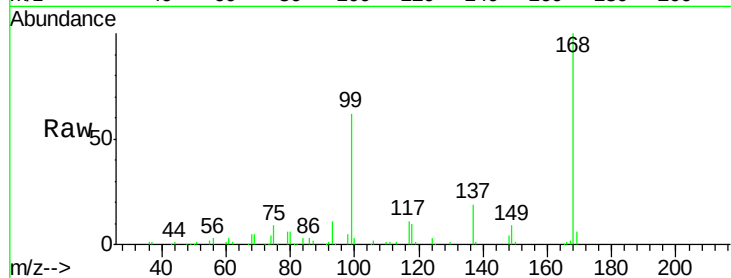
KY038PS037-200720

Tot Ion:168 Resp: 174519

Ion Ratio Lower Upper

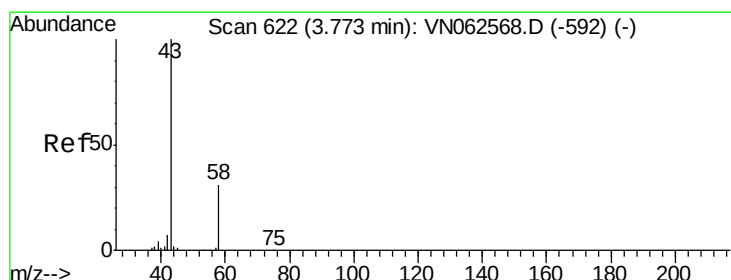
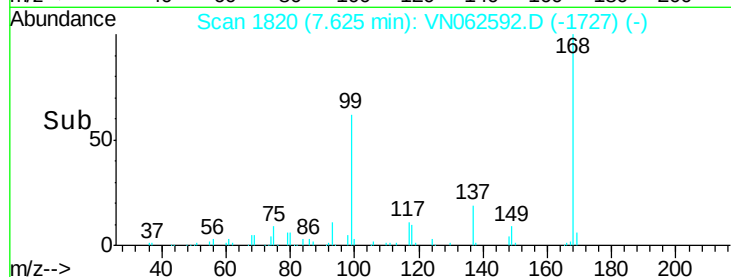
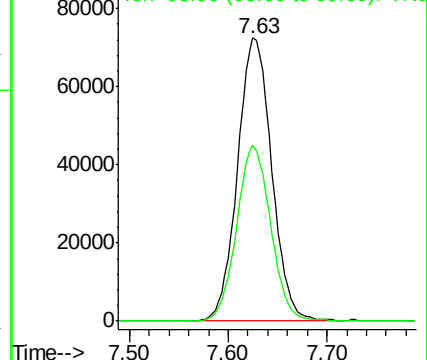
168 100

99 62.0 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VN062592.D (-529) (-)

Ion 98.90 (98.60 to 99.60): VN062592.D (-529) (-)



#16

Acetone

Concen: 7.280 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062592.D

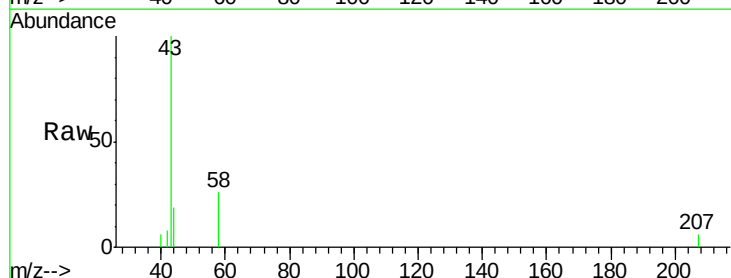
Acq: 22 Jul 2020 13:59

Tgt Ion: 43 Resp: 7427

Ion Ratio Lower Upper

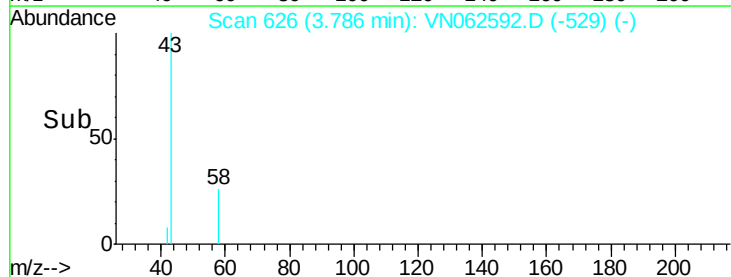
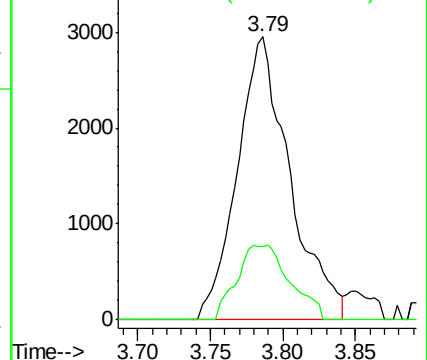
43 100

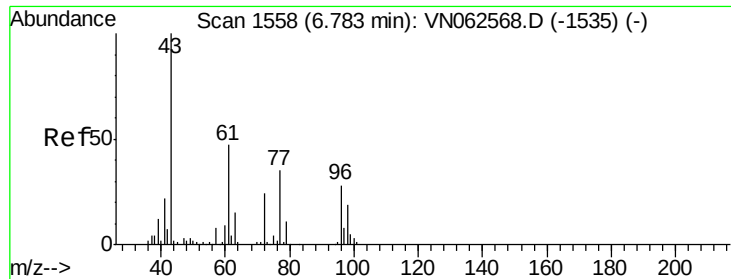
58 26.0 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN062592.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062592.D (-529) (-)

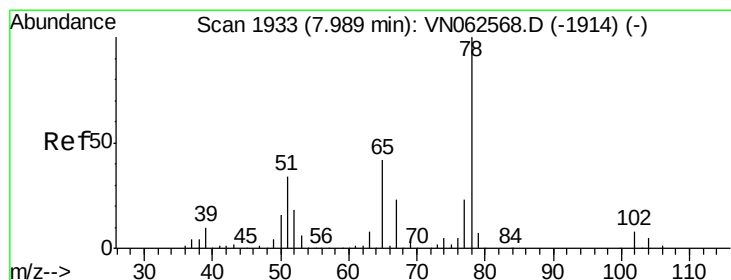
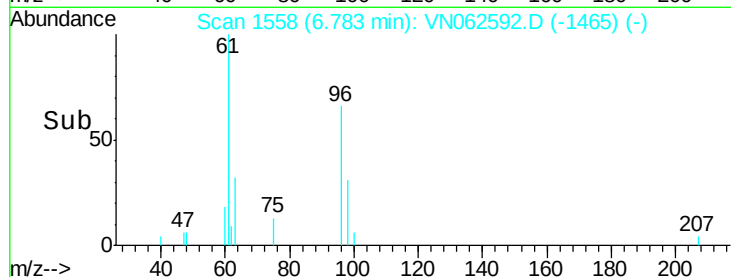
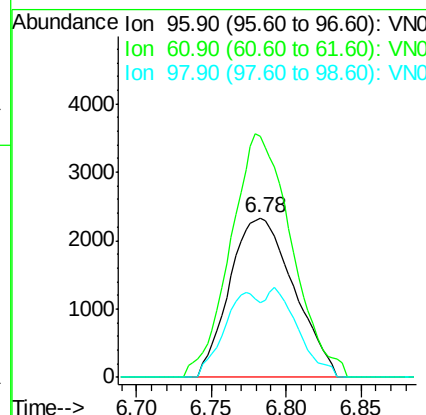
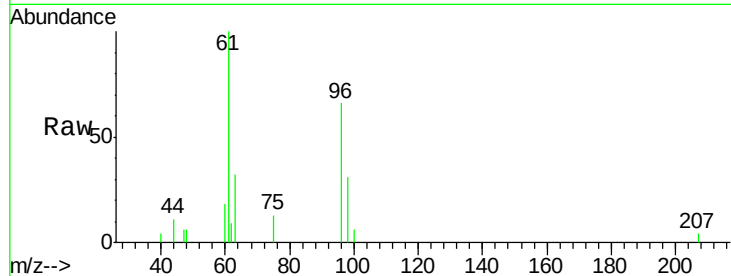




#27
 cis-1,2-Dichloroethene
 Concen: 2.941 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN062592.D
 Acq: 22 Jul 2020 13:59

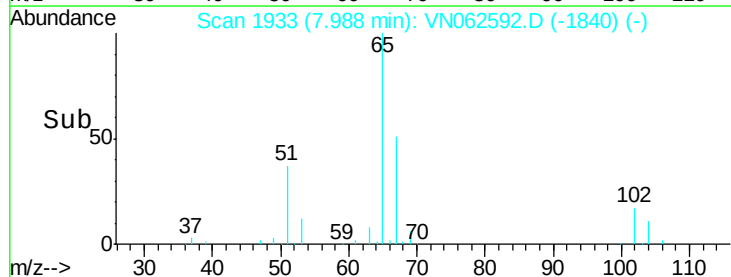
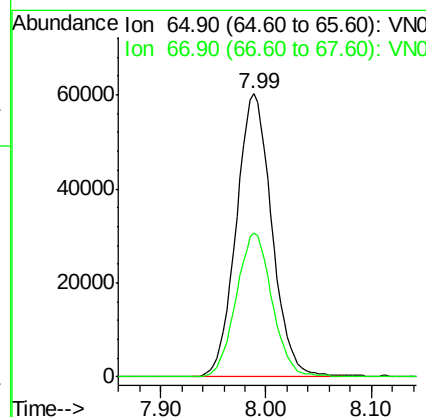
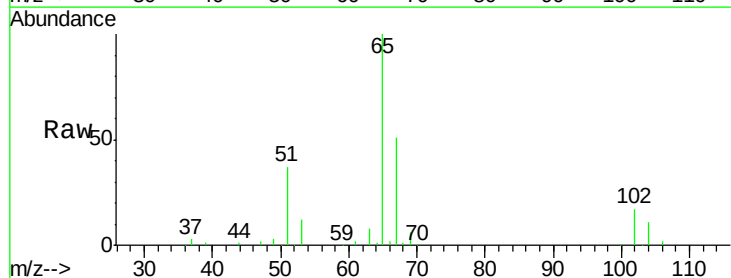
Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS037-200720

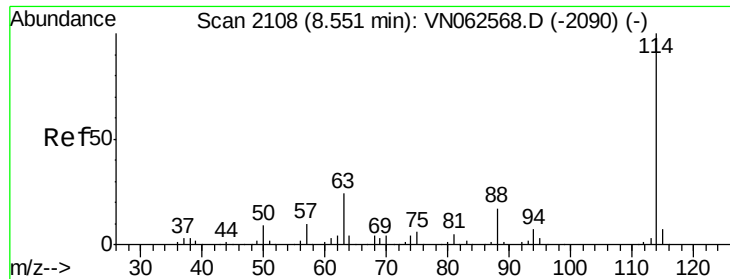
Tot Ion: 96 Resp: 6959
 Ion Ratio Lower Upper
 96 100
 61 144.9 0.0 332.4
 98 29.6 0.0 127.4



#33
 1,2-Dichloroethane-d4
 Concen: 51.964 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062592.D
 Acq: 22 Jul 2020 13:59

Tgt Ion: 65 Resp: 140879
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.0

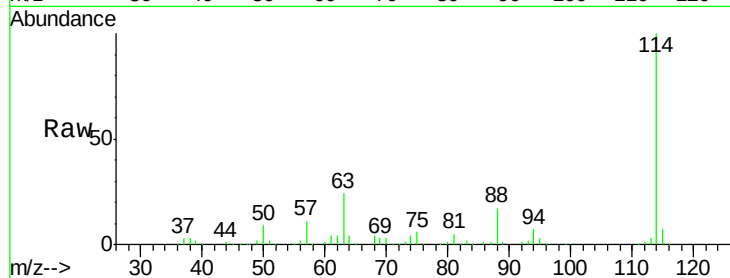




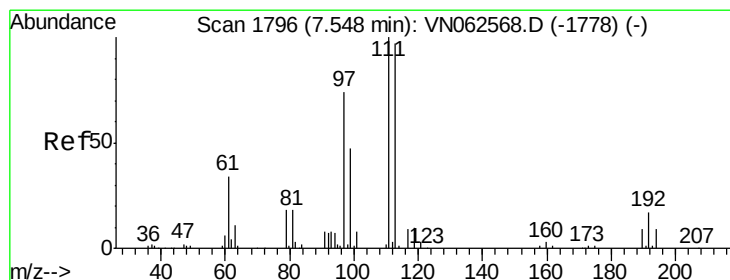
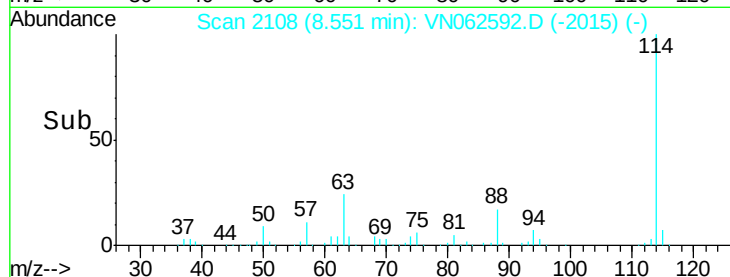
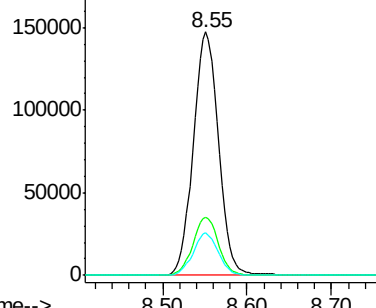
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062592.D
Acq: 22 Jul 2020 13:59

Instrument :
MSVOA_N
ClientSampleId :
KY038PS037-200720

Tot Ion:114 Resp: 306740
Ion Ratio Lower Upper
114 100
63 23.9 0.0 48.4
88 17.4 0.0 33.8

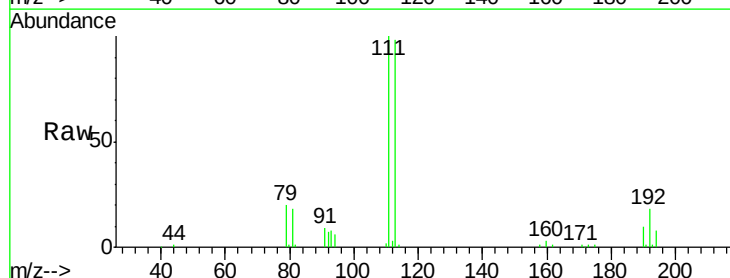


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

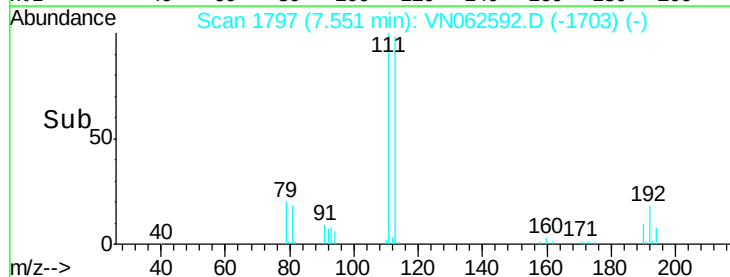
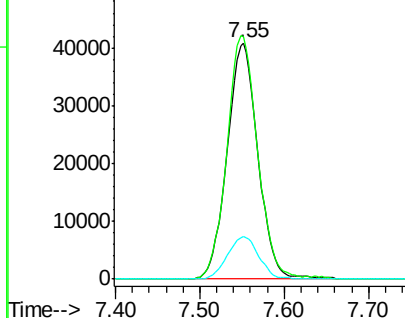


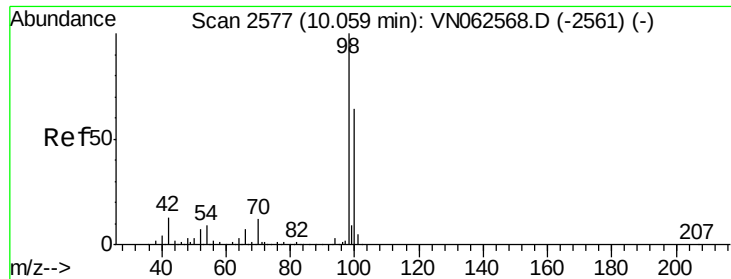
#35
Dibromofluoromethane
Concen: 51.353 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN062592.D
Acq: 22 Jul 2020 13:59

Tgt Ion:113 Resp: 103469
Ion Ratio Lower Upper
113 100
111 102.7 82.7 124.1
192 18.3 14.8 22.2



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: 49.521 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062592.D

Acq: 22 Jul 2020 13:59

Instrument :

MSVOA_N

ClientSampleId :

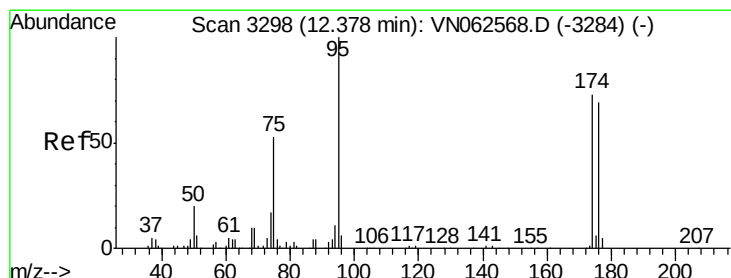
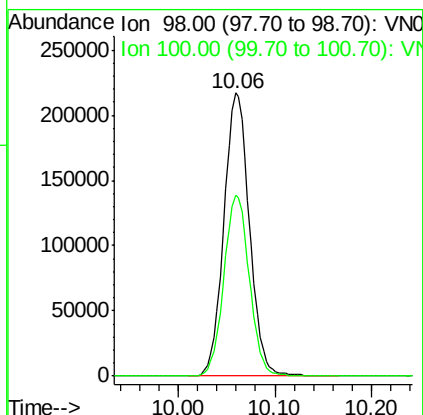
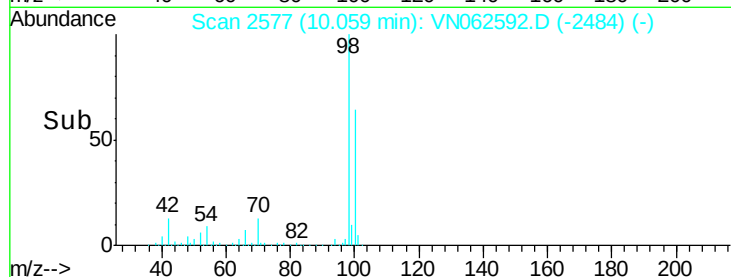
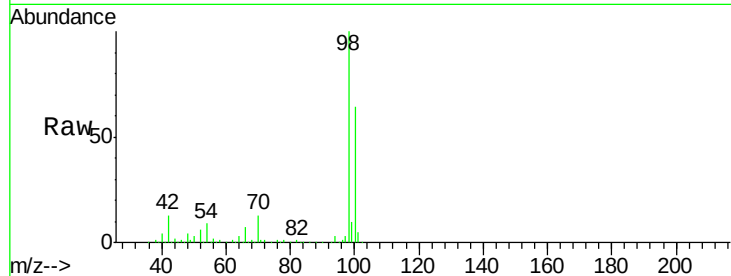
KY038PS037-200720

Tot Ion: 98 Resp: 398105

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 47.208 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062592.D

Acq: 22 Jul 2020 13:59

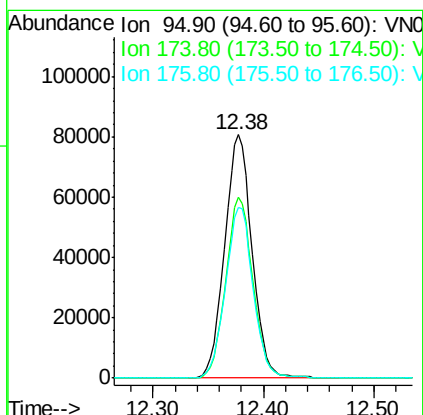
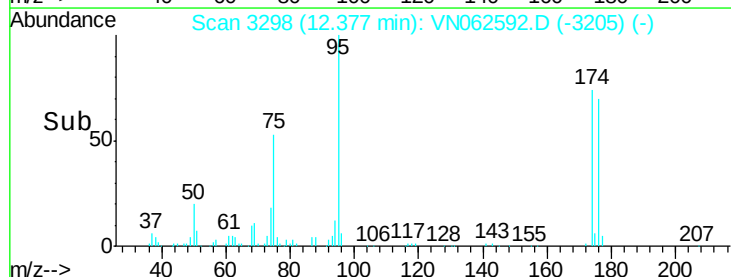
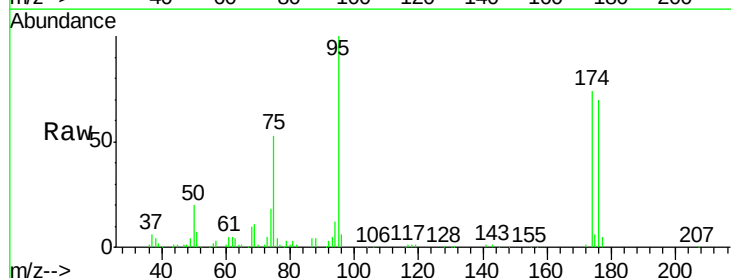
Tgt Ion: 95 Resp: 138765

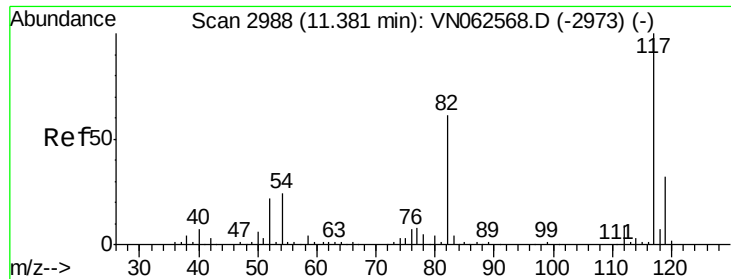
Ion Ratio Lower Upper

95 100

174 73.9 0.0 144.6

176 70.8 0.0 139.4

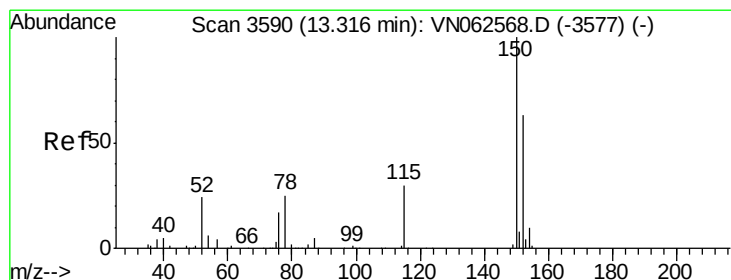
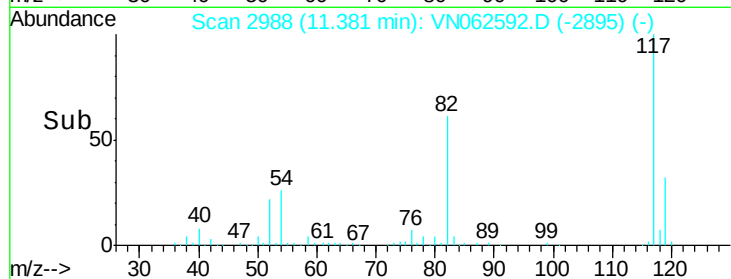
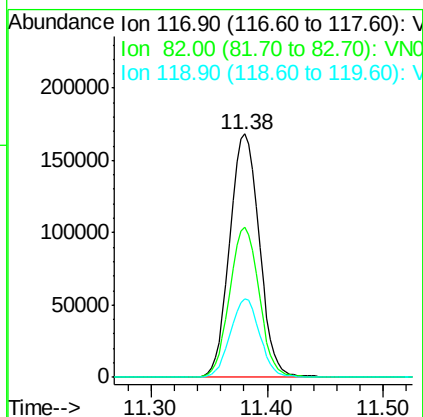
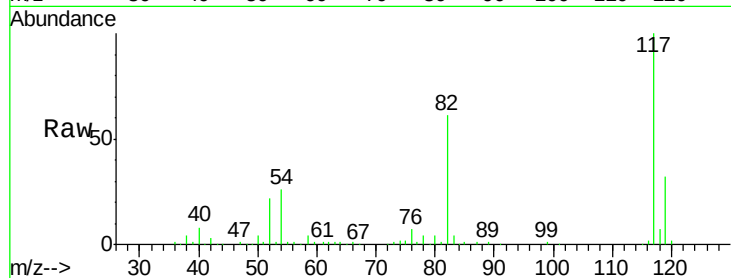




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062592.D
Acq: 22 Jul 2020 13:59

Instrument :
MSVOA_N
ClientSampleId :
KY038PS037-200720

Tot Ion:117 Resp: 297488
Ion Ratio Lower Upper
117 100
82 61.4 49.0 73.6
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062592.D
Acq: 22 Jul 2020 13:59

Tgt Ion:152 Resp: 105195
Ion Ratio Lower Upper
152 100
115 63.3 31.8 95.4
150 161.3 0.0 351.4

