

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
 Data File : VN060670.D
 Acq On : 24 Mar 2020 14:28
 Operator : JC/MD
 Sample : L2023-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS033-200323

Quant Time: Mar 25 09:38:21 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

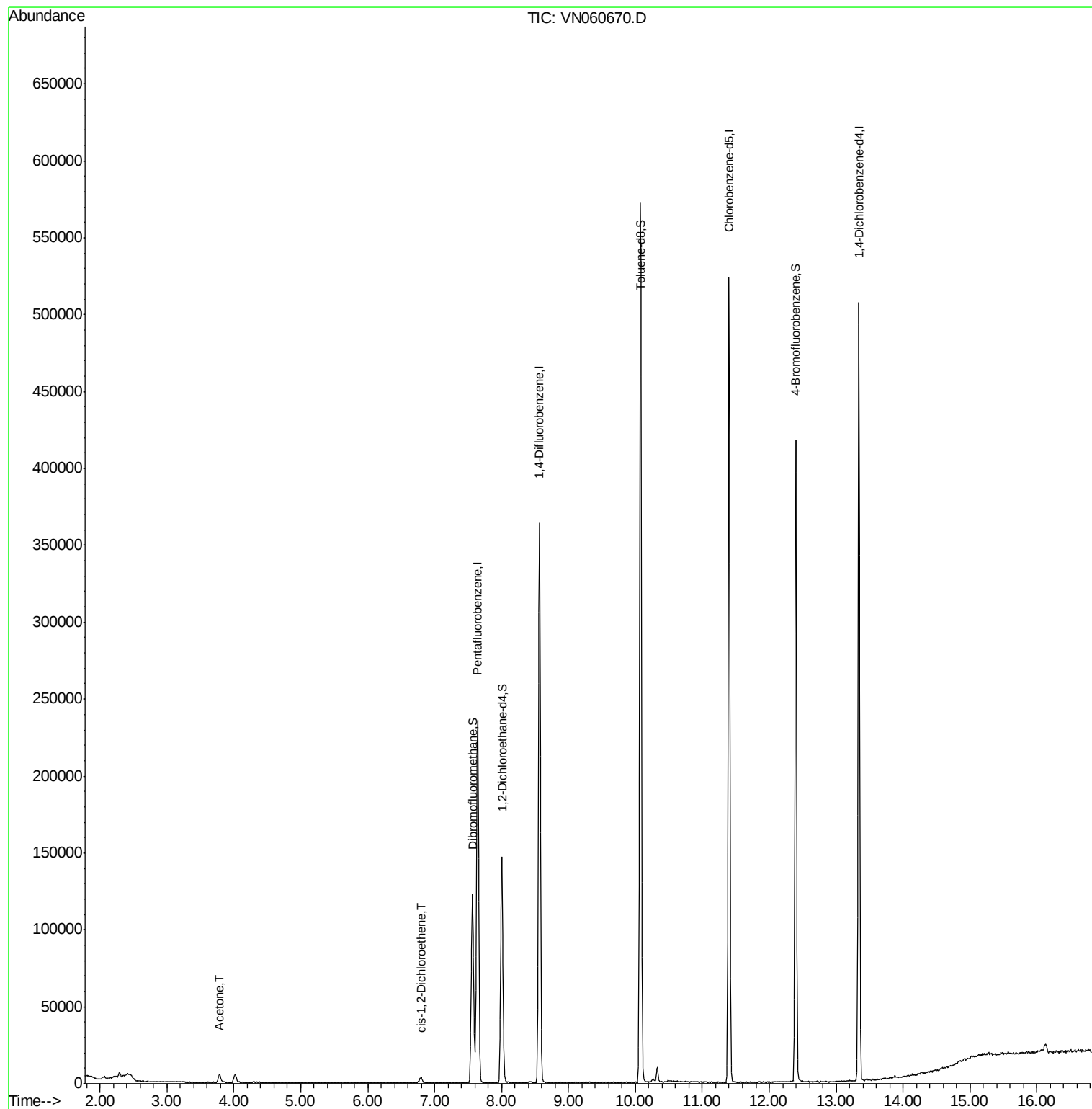
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	195317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	324500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	297778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134772	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	128773	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
35) Dibromofluoromethane	7.56	113	94574	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
50) Toluene-d8	10.08	98	396955	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.40	95	145314	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
Target Compounds						
16) Acetone	3.78	43	9821	10.341	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	1974	0.771	ug/l	69

(#) = 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# 1826

Delta R.T. -0.00 min

Lab File: VN060670.D

Acq: 24 Mar 2020 14:28

Instrument :

MSVOA_N

ClientSampleId :

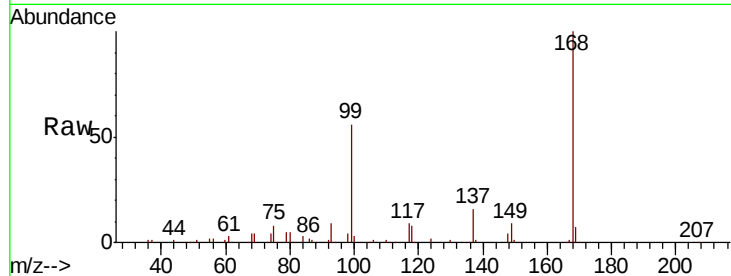
KY038PS033-200323

Tot Ion:168 Resp: 195317

Ion Ratio Lower Upper

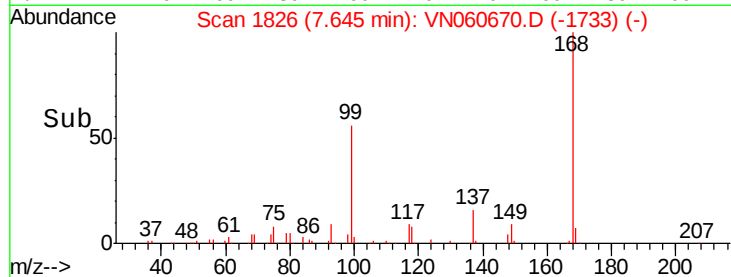
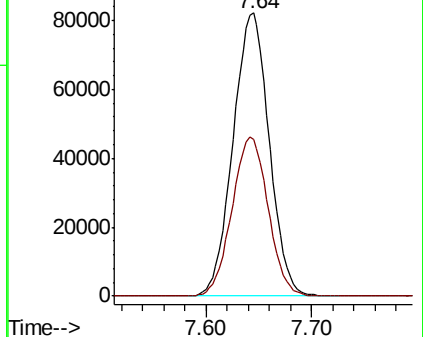
168 100

99 55.5 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060670.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN060670.D (-1733) (-)



#16

Acetone

Concen: 10.341 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060670.D

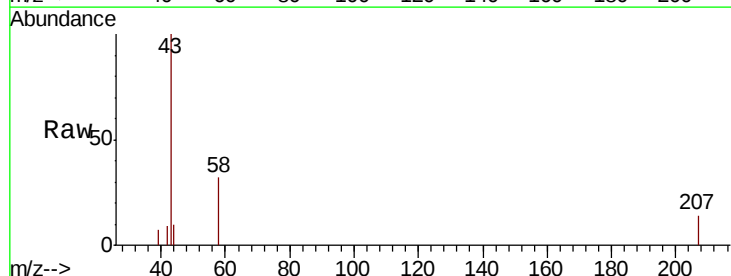
Acq: 24 Mar 2020 14:28

Tgt Ion: 43 Resp: 9821

Ion Ratio Lower Upper

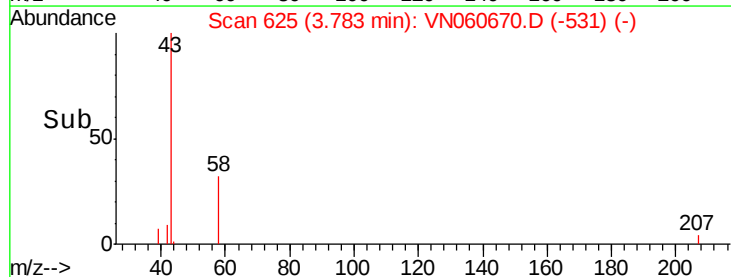
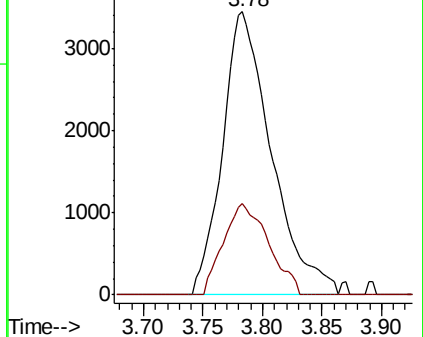
43 100

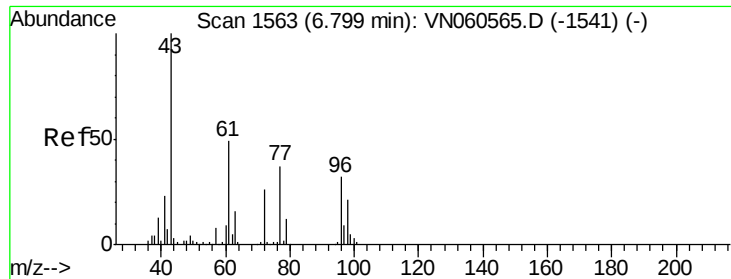
58 32.3 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060670.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060670.D (-531) (-)





#27

cis-1,2-Dichloroethene

Concen: 0.771 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060670.D

Acq: 24 Mar 2020 14:28

Instrument :

MSVOA_N

ClientSampleId :

KY038PS033-200323

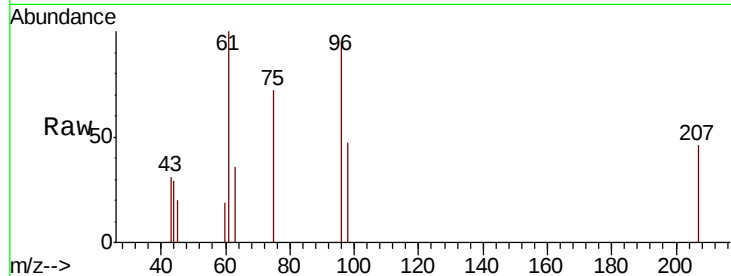
Tot Ion: 96 Resp: 1974

Ion Ratio Lower Upper

96 100

61 107.2 0.0 305.6

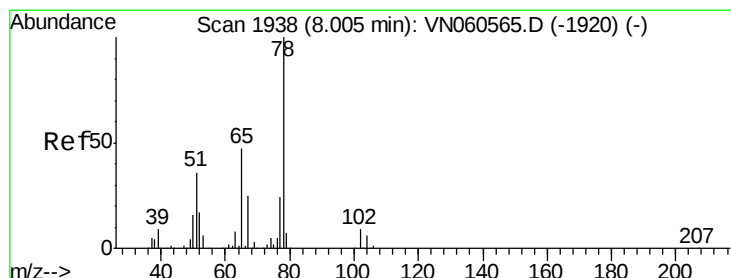
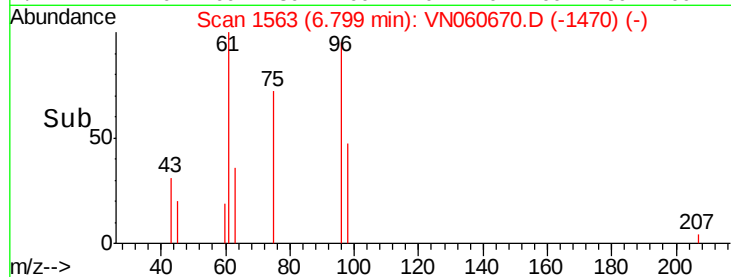
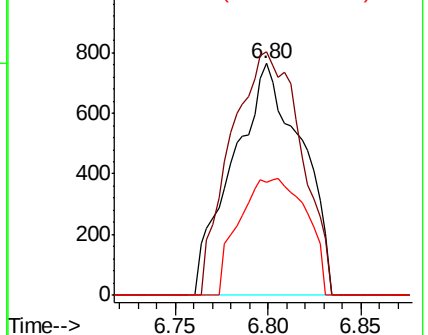
98 49.2 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VN060670.D (-1470) (-)

Ion 60.90 (60.60 to 61.60): VN060670.D (-1470) (-)

Ion 97.90 (97.60 to 98.60): VN060670.D (-1470) (-)



#33

1,2-Dichloroethane-d4

Concen: 48.027 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060670.D

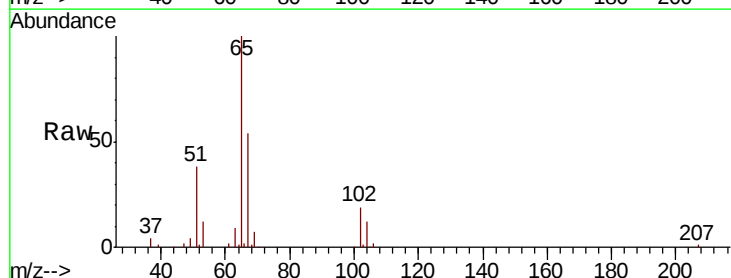
Acq: 24 Mar 2020 14:28

Tgt Ion: 65 Resp: 128773

Ion Ratio Lower Upper

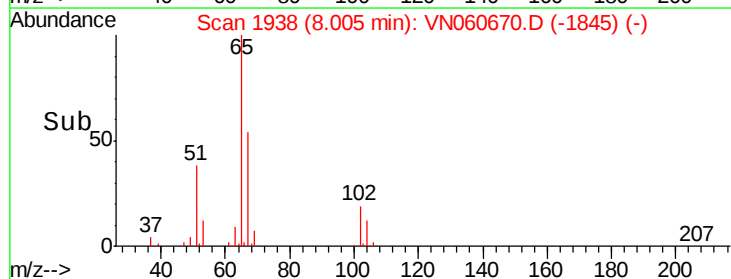
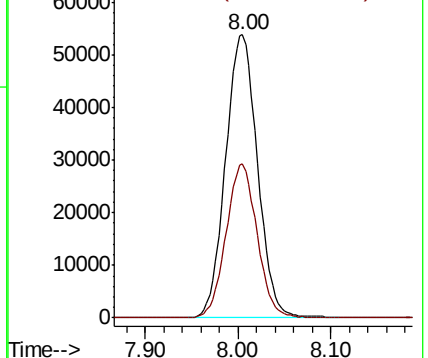
65 100

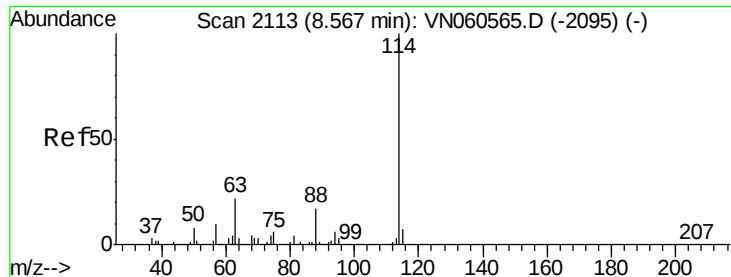
67 52.6 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060670.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060670.D (-1845) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060670.D

Acq: 24 Mar 2020 14:28

Instrument :

MSVOA_N

ClientSampleId :

KY038PS033-200323

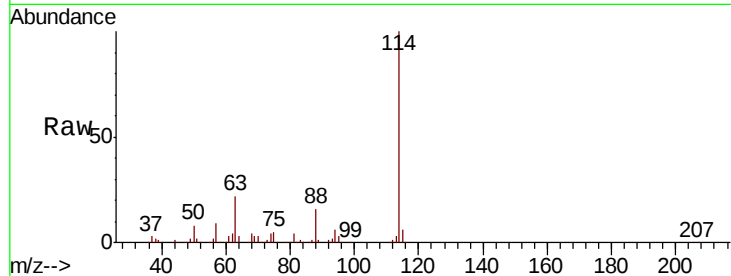
Tot Ion:114 Resp: 324500

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.8

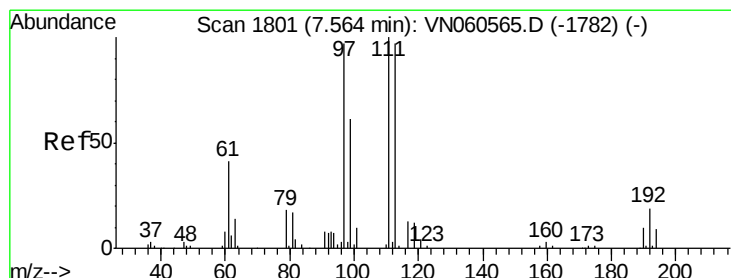
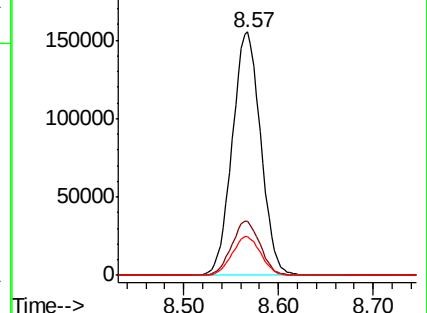
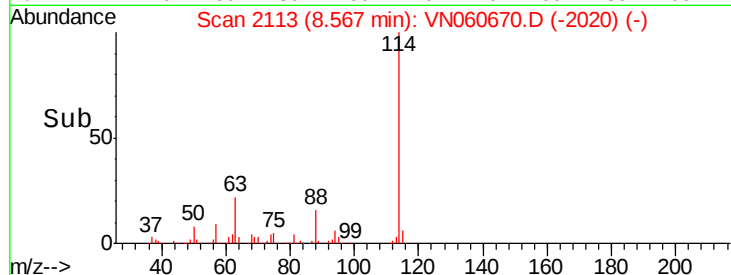
88 15.8 0.0 33.0



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: 48.199 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060670.D

Acq: 24 Mar 2020 14:28

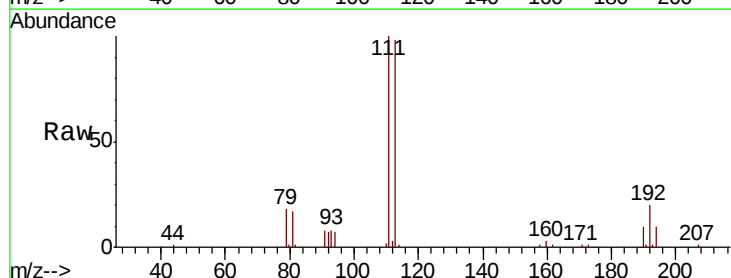
Tgt Ion:113 Resp: 94574

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

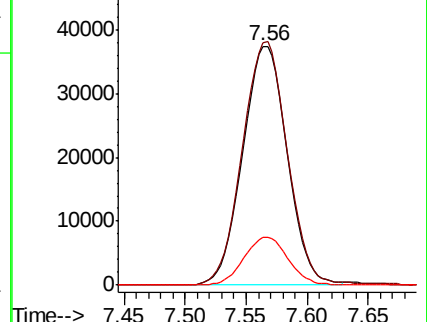
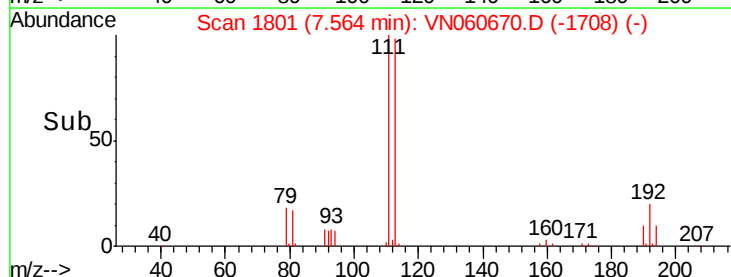
192 19.8 15.8 23.8

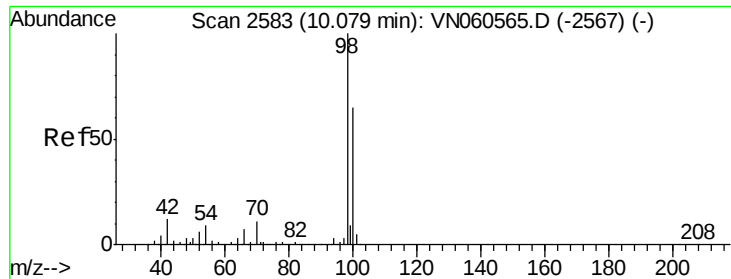


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.529 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060670.D

Acq: 24 Mar 2020 14:28

Instrument :

MSVOA_N

ClientSampleId :

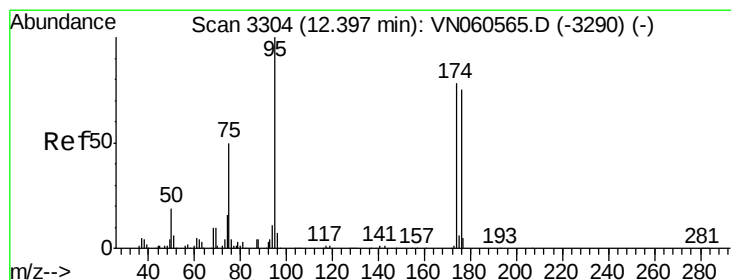
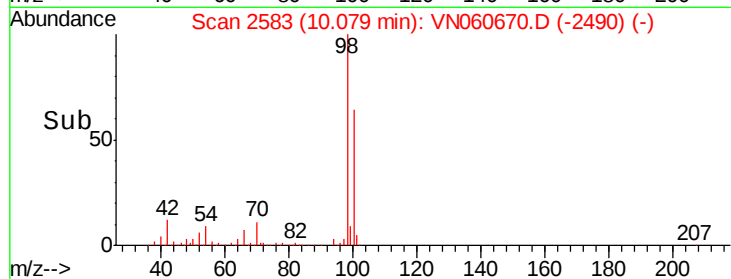
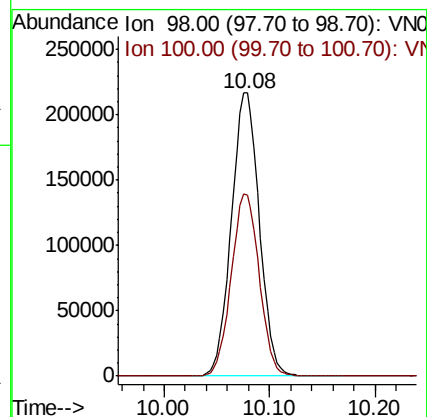
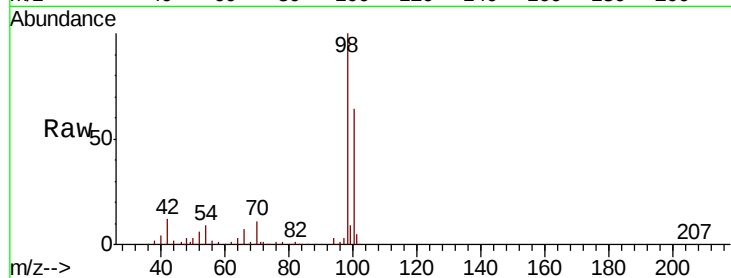
KY038PS033-200323

Tot Ion: 98 Resp: 396955

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 49.473 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060670.D

Acq: 24 Mar 2020 14:28

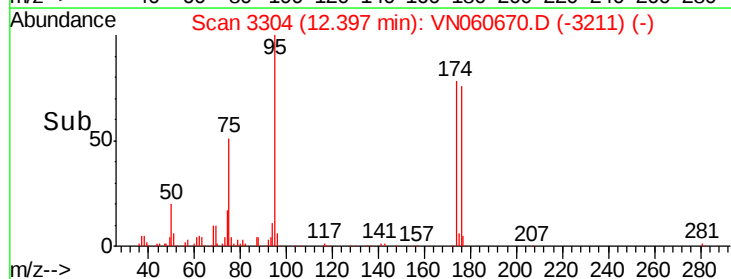
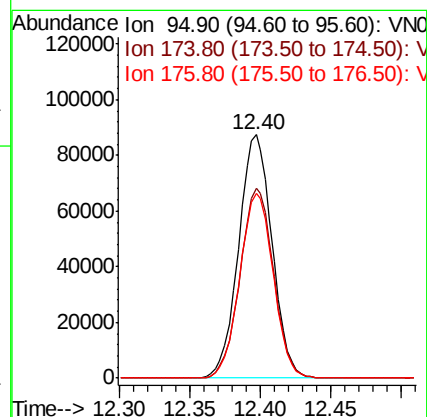
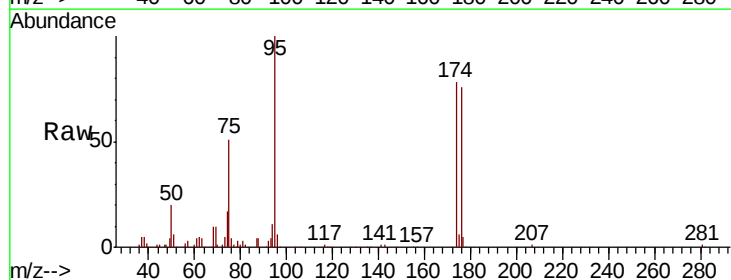
Tgt Ion: 95 Resp: 145314

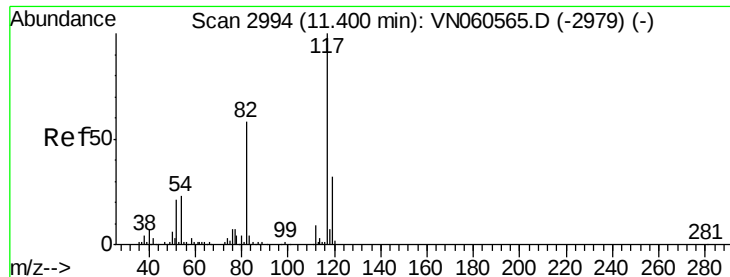
Ion Ratio Lower Upper

95 100

174 78.2 0.0 157.6

176 76.4 0.0 150.6

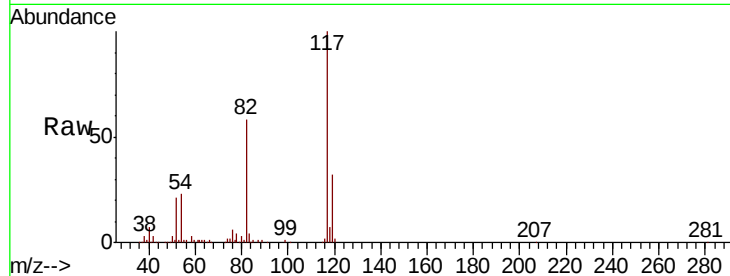




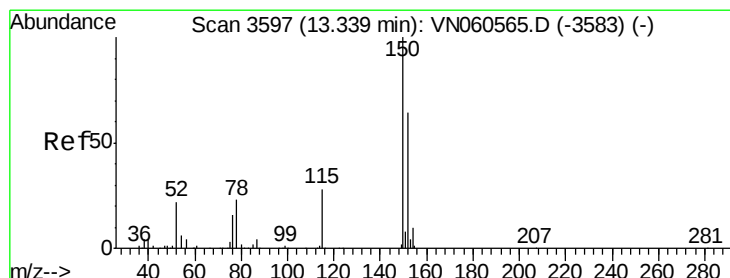
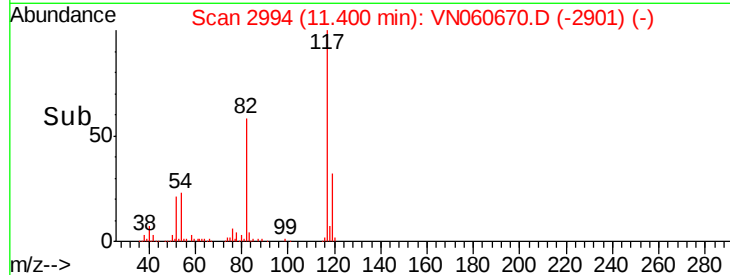
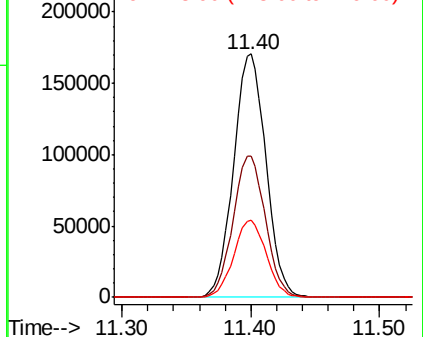
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060670.D
Acq: 24 Mar 2020 14:28

Instrument :
MSVOA_N
ClientSampleId :
KY038PS033-200323

Tot Ion:117 Resp: 297778
Ion Ratio Lower Upper
117 100
82 58.0 46.7 70.1
119 31.7 25.5 38.3

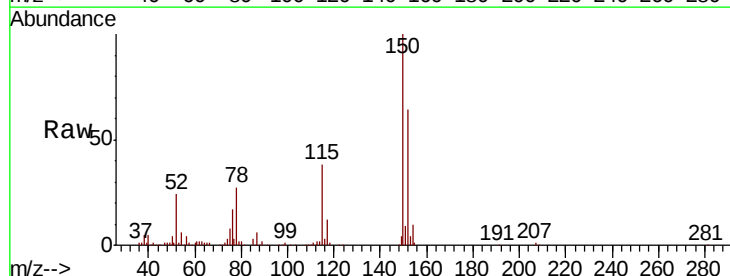


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060670.D
Acq: 24 Mar 2020 14:28

Tgt Ion:152 Resp: 134772
Ion Ratio Lower Upper
152 100
115 59.2 30.2 90.6
150 157.4 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

