

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062038.D
 Acq On : 23 Jun 2020 7:59
 Operator : JC/MD
 Sample : L3033-06DL 400X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY032MW006-200616DL

Quant Time: Jun 23 08:44:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

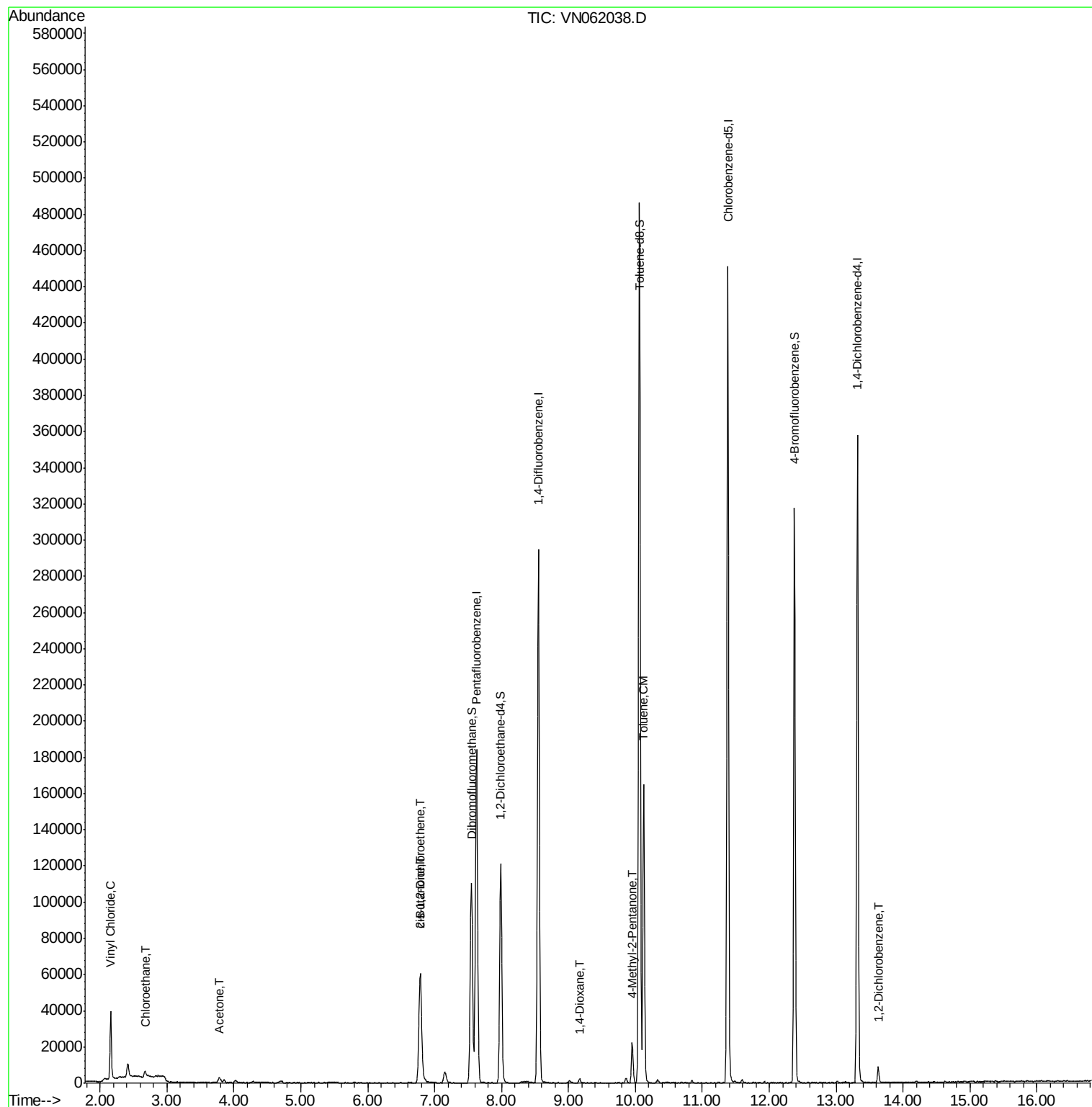
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	144709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	266384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	262062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	98253	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	101804	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
35) Dibromofluoromethane	7.55	113	87087	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
50) Toluene-d8	10.06	98	343551	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.38	95	111427	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
Target Compounds						
4) Vinyl Chloride	2.16	62	31885	13.316	ug/l	97
6) Chloroethane	2.67	64	3305	2.039	ug/l	94
16) Acetone	3.78	43	5335	9.306	ug/l #	81
25) 2-Butanone	6.79	43	60432	72.253	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	12632	6.482	ug/l	94
49) 1,4-Dioxane	9.17	88	1791	53.647	ug/l #	95
51) 4-Methyl-2-Pentanone	9.95	43	15222	8.056	ug/l	93
52) Toluene	10.12	92	74535	16.125	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	4262	1.378	ug/l	96

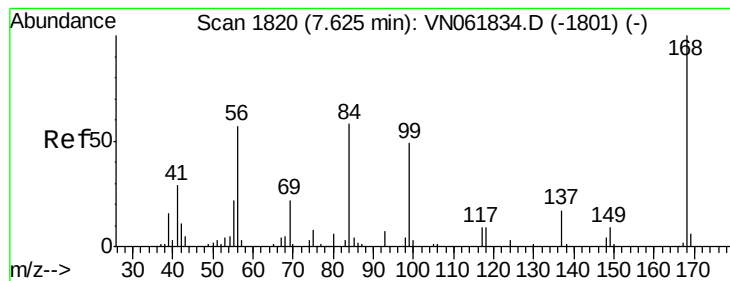
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062038.D

Acq: 23 Jun 2020 7:59

Instrument :

MSVOA_N

ClientSampleId :

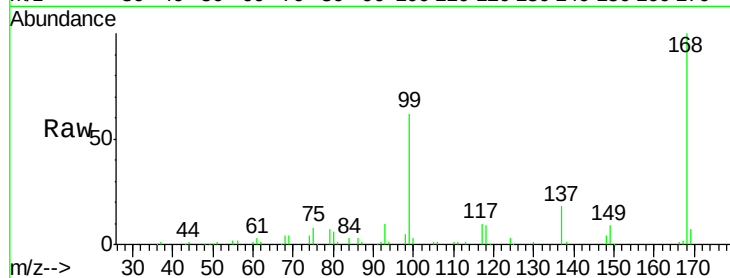
KY032MW006-200616DL

Tot Ion:168 Resp: 144709

Ion Ratio Lower Upper

168 100

99 61.7 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

60000

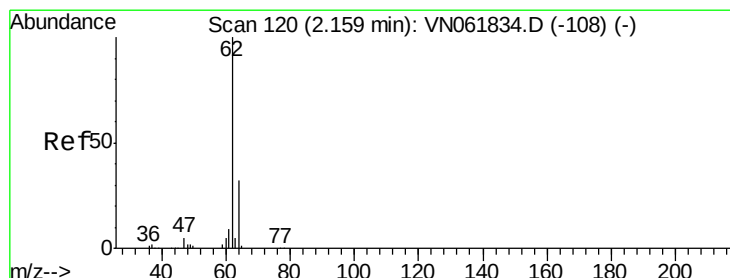
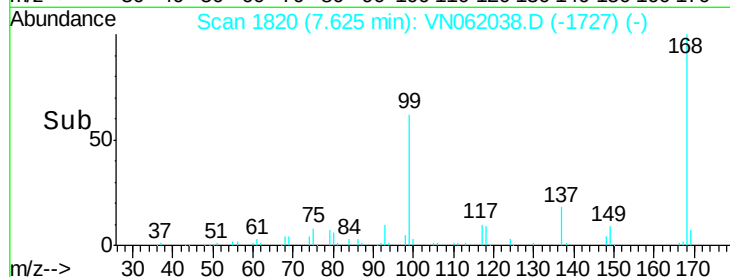
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#4

Vinyl Chloride

Concen: 13.316 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062038.D

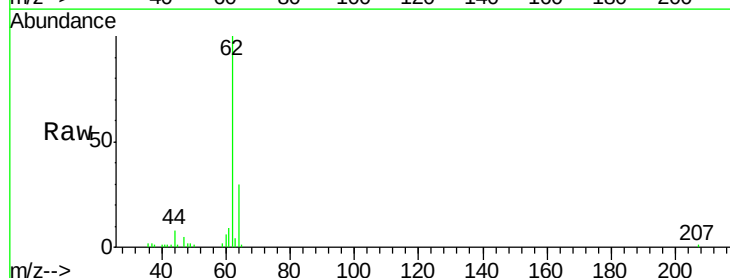
Acq: 23 Jun 2020 7:59

Tgt Ion: 62 Resp: 31885

Ion Ratio Lower Upper

62 100

64 30.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

25000

20000

15000

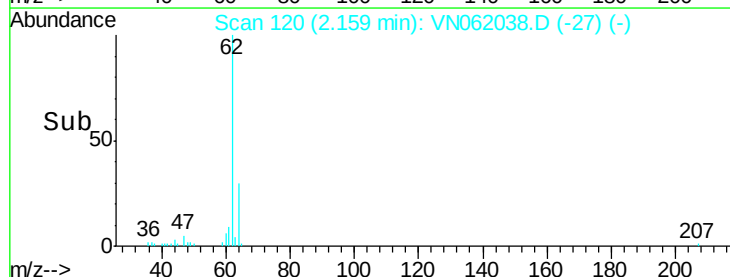
10000

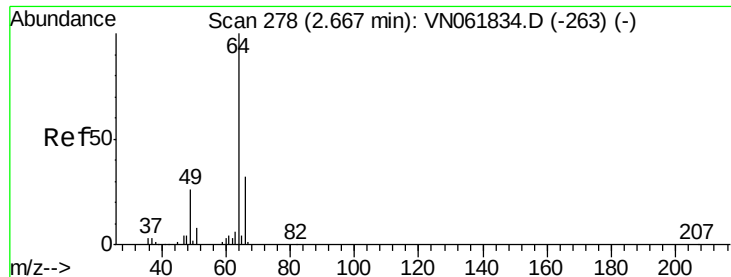
5000

0

Time-->

2.10 2.15 2.20 2.25





#6

Chloroethane

Concen: 2.039 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.01 min

Lab File: VN062038.D

Acq: 23 Jun 2020 7:59

Instrument :

MSVOA_N

ClientSampleId :

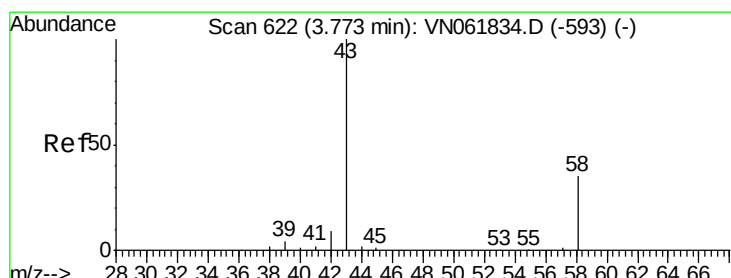
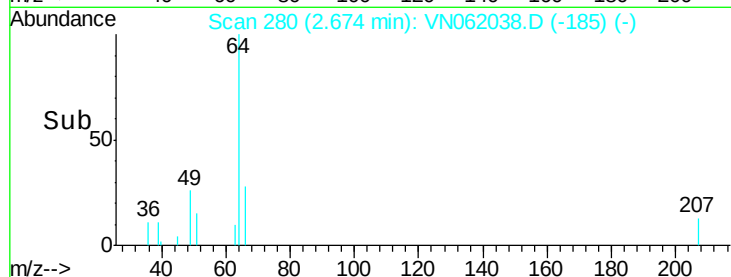
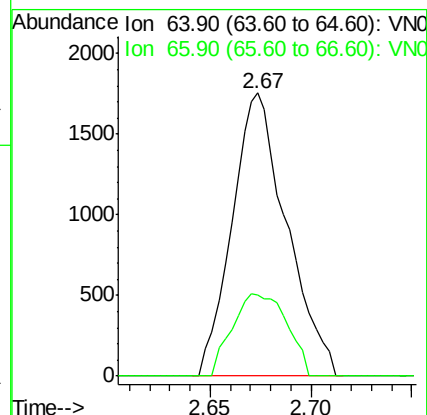
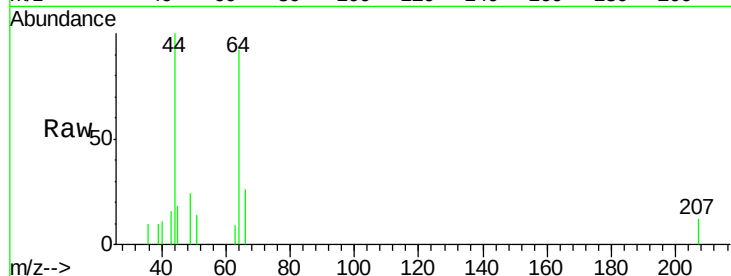
KY032MW006-200616DL

Tot Ion: 64 Resp: 3305

Ion Ratio Lower Upper

64 100

66 28.4 25.4 38.2



#16

Acetone

Concen: 9.306 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062038.D

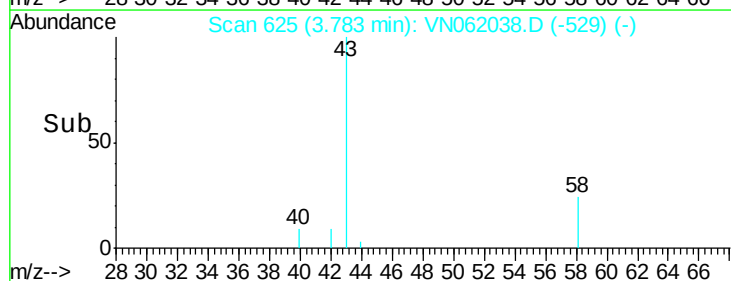
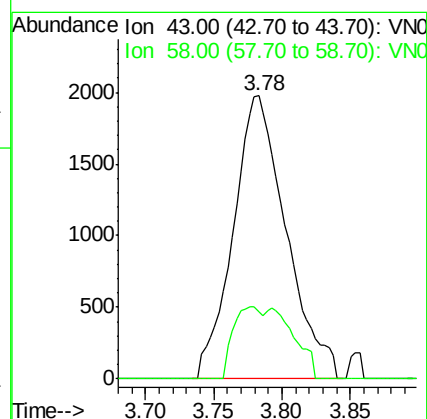
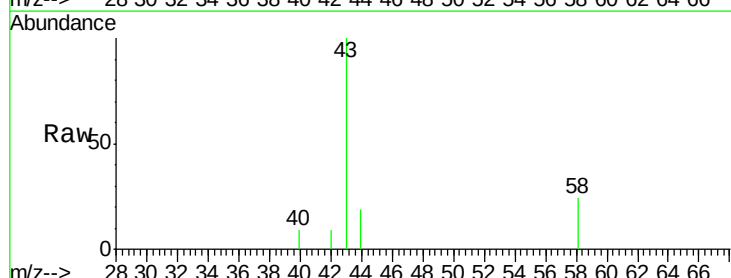
Acq: 23 Jun 2020 7:59

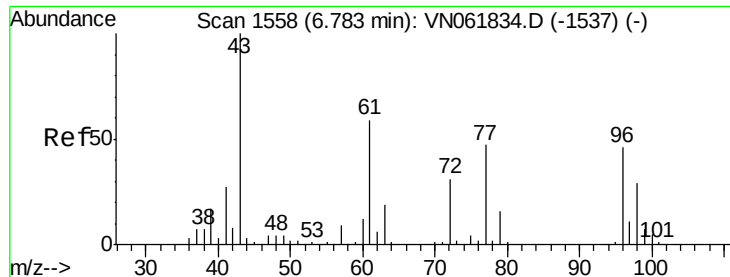
Tgt Ion: 43 Resp: 5335

Ion Ratio Lower Upper

43 100

58 23.6 27.8 41.8#





#25

2-Butanone

Concen: 72.253 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.01 min

Lab File: VN062038.D

Acq: 23 Jun 2020 7:59

Instrument :

MSVOA_N

ClientSampleId :

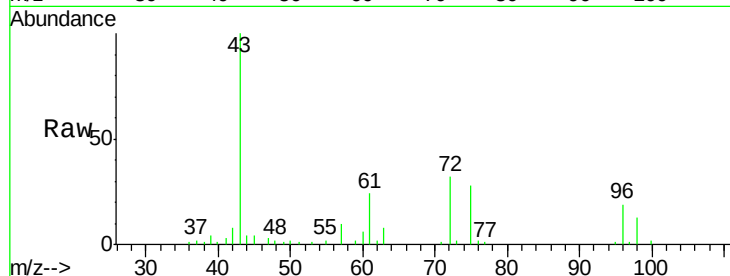
KY032MW006-200616DL

Tot Ion: 43 Resp: 60432

Ion Ratio Lower Upper

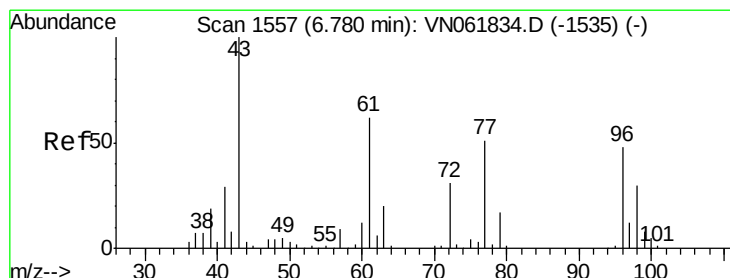
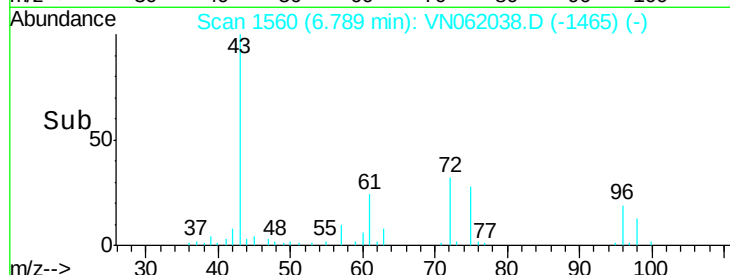
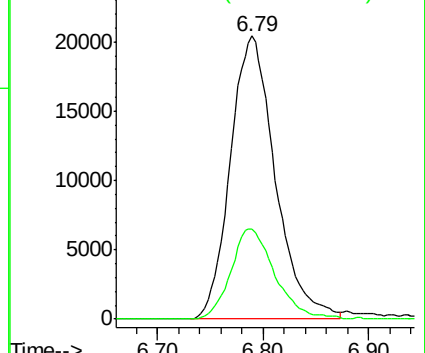
43 100

72 31.7 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#27

cis-1,2-Dichloroethene

Concen: 6.482 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN062038.D

Acq: 23 Jun 2020 7:59

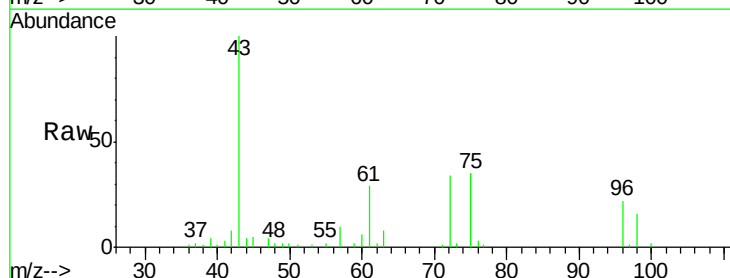
Tgt Ion: 96 Resp: 12632

Ion Ratio Lower Upper

96 100

61 122.5 0.0 265.6

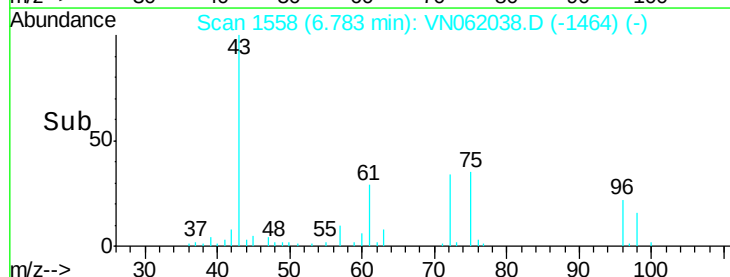
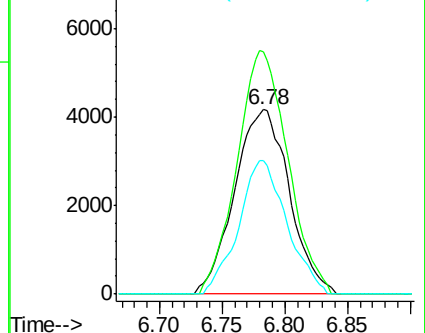
98 63.6 0.0 128.2

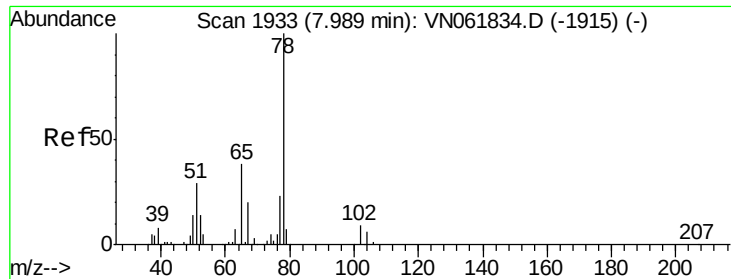


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

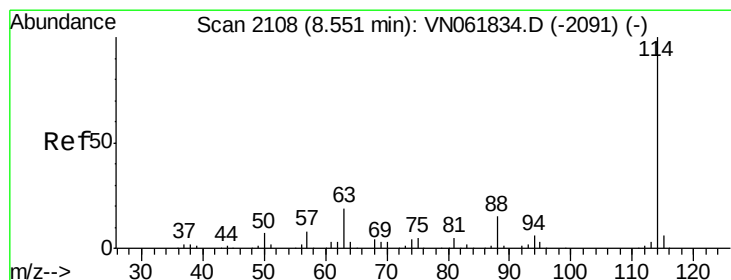
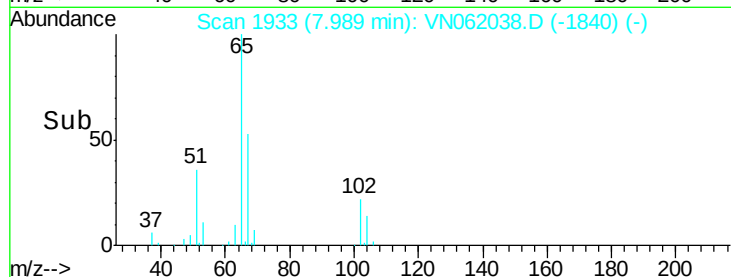
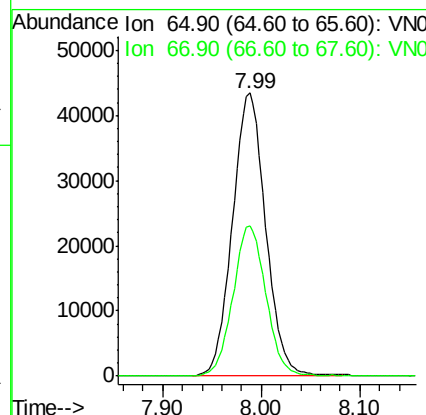
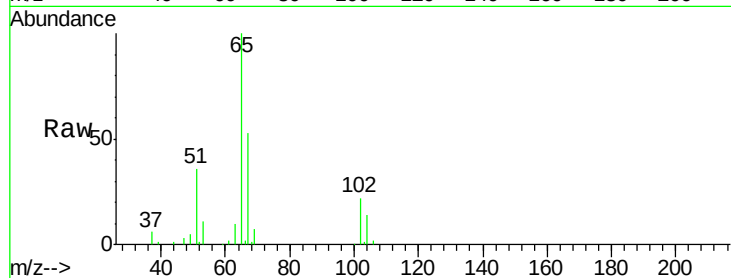




#33
 1,2-Dichloroethane-d4
 Concen: 52.456 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062038.D
 Acq: 23 Jun 2020 7:59

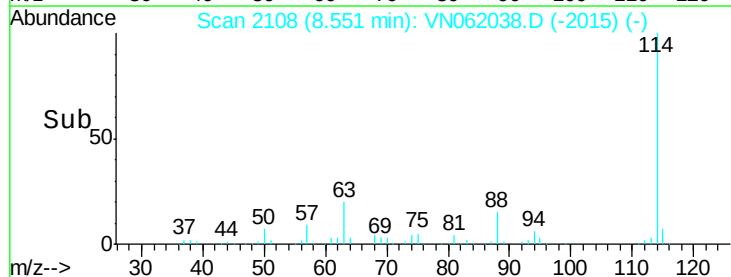
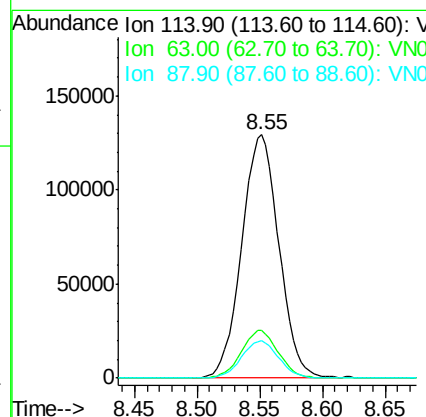
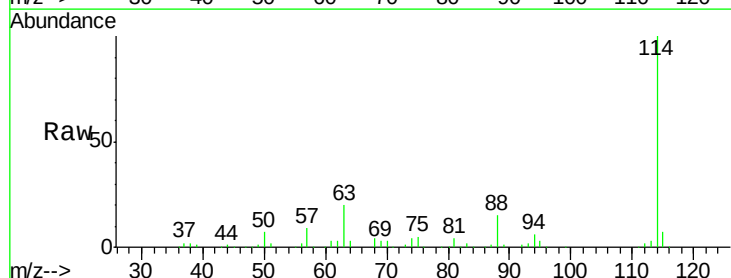
Instrument :
 MSVOA_N
 ClientSampleId :
 KY032MW006-200616DL

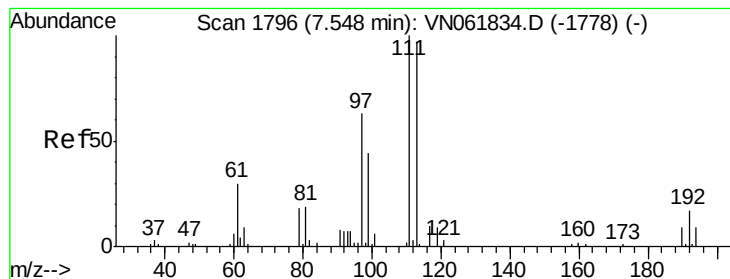
Tot Ion: 65 Resp: 101804
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062038.D
 Acq: 23 Jun 2020 7:59

Tgt Ion: 114 Resp: 266384
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.6
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 51.102 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062038.D

Acq: 23 Jun 2020 7:59

Instrument :

MSVOA_N

ClientSampleId :

KY032MW006-200616DL

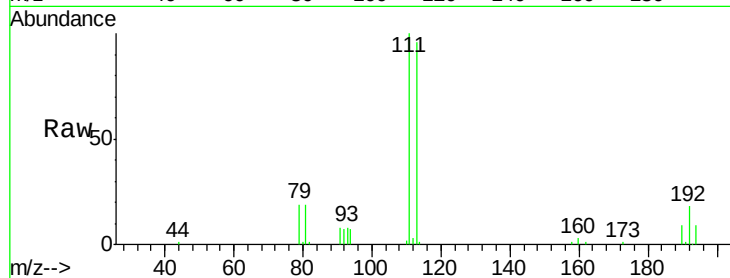
Tot Ion:113 Resp: 87087

Ion Ratio Lower Upper

113 100

111 104.3 83.7 125.5

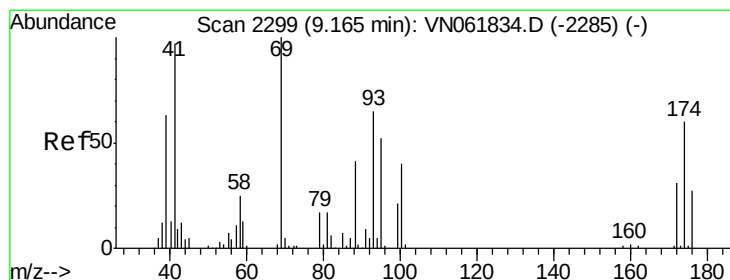
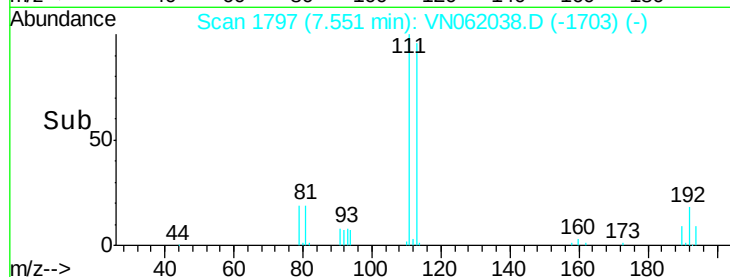
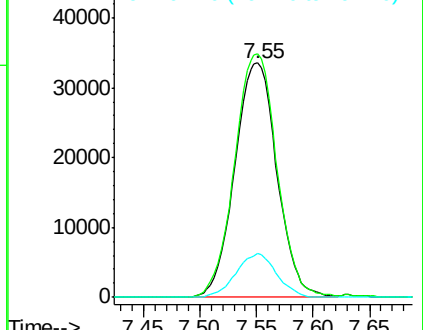
192 17.8 13.9 20.9



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



#49

1,4-Dioxane

Concen: 53.647 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062038.D

Acq: 23 Jun 2020 7:59

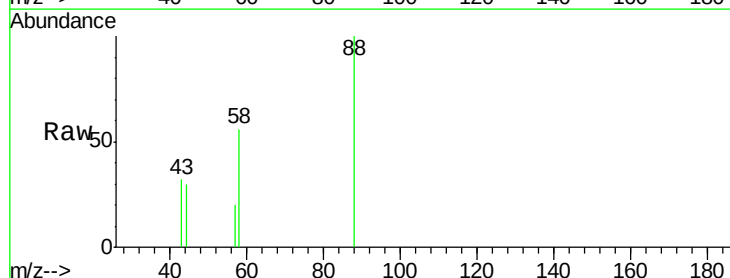
Tgt Ion: 88 Resp: 1791

Ion Ratio Lower Upper

88 100

43 36.7 23.4 35.2#

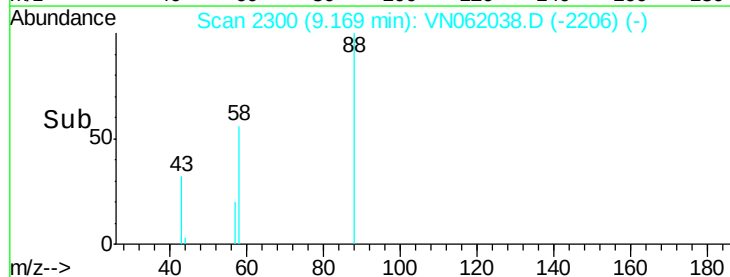
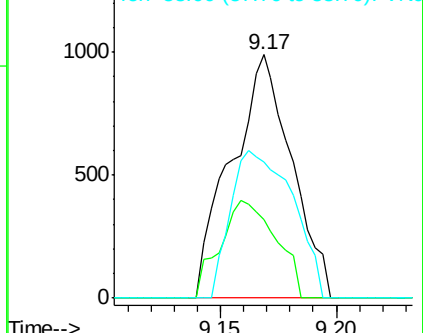
58 62.3 49.8 74.6

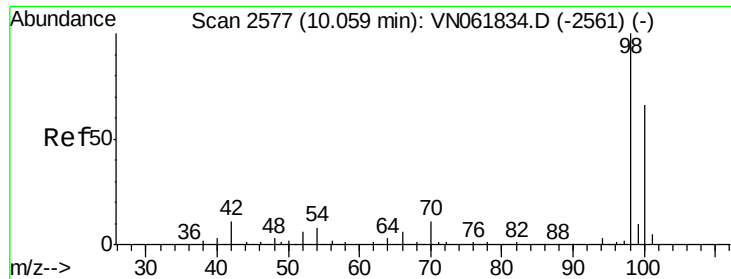


Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#50

Toluene-d8

Concen: 51.277 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062038.D

Acq: 23 Jun 2020 7:59

Instrument :

MSVOA_N

ClientSampleId :

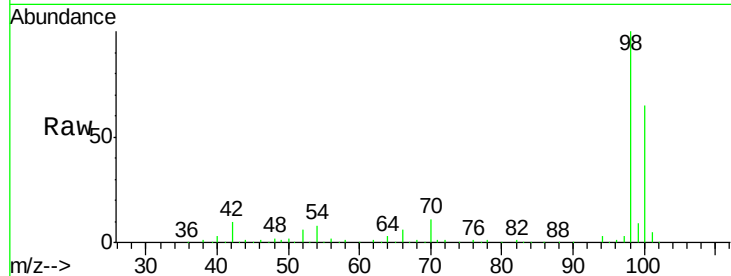
KY032MW006-200616DL

Tot Ion: 98 Resp: 343551

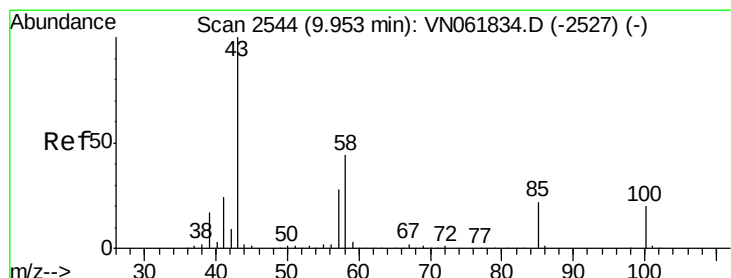
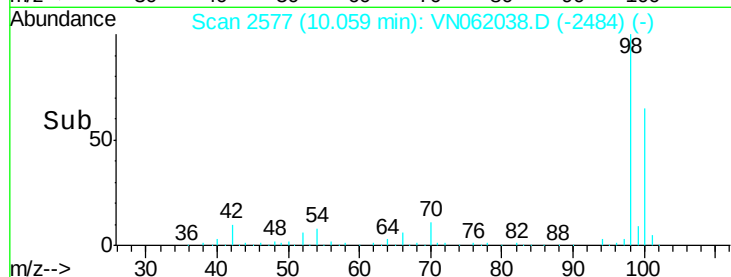
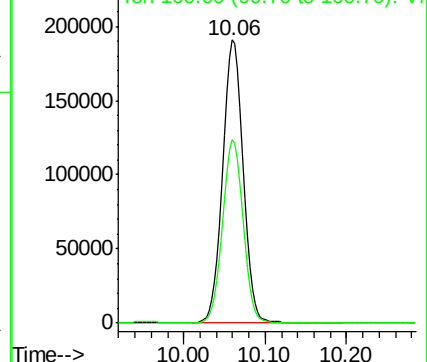
Ion Ratio Lower Upper

98 100

100 64.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)



#51

4-Methyl-2-Pentanone

Concen: 8.056 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062038.D

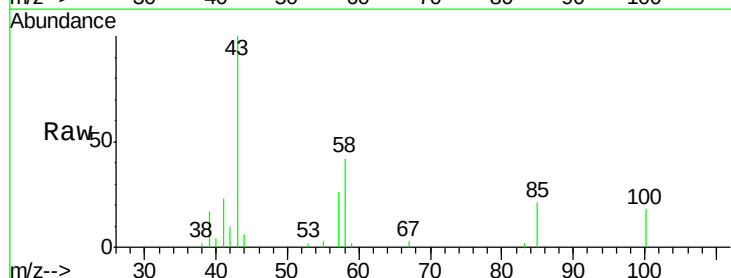
Acq: 23 Jun 2020 7:59

Tgt Ion: 43 Resp: 15222

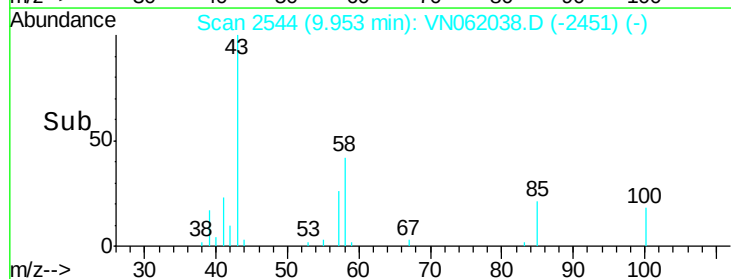
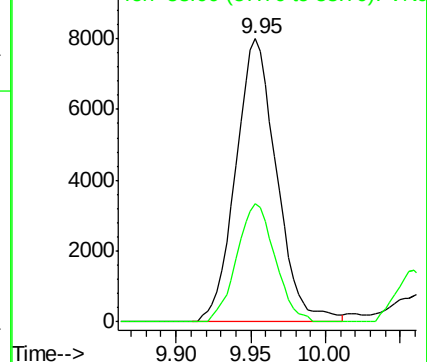
Ion Ratio Lower Upper

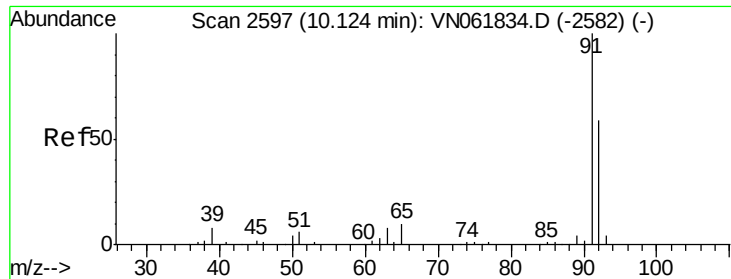
43 100

58 38.9 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)





#52

Toluene

Concen: 16.125 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062038.D

Acq: 23 Jun 2020 7:59

Instrument :

MSVOA_N

ClientSampleId :

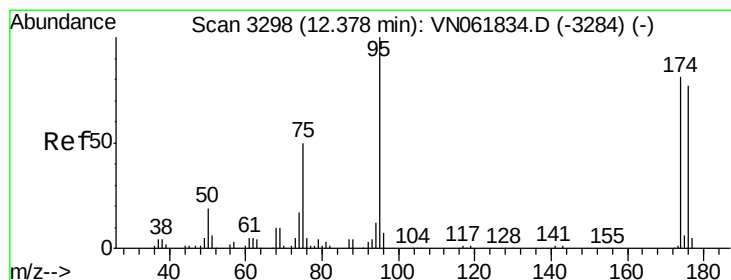
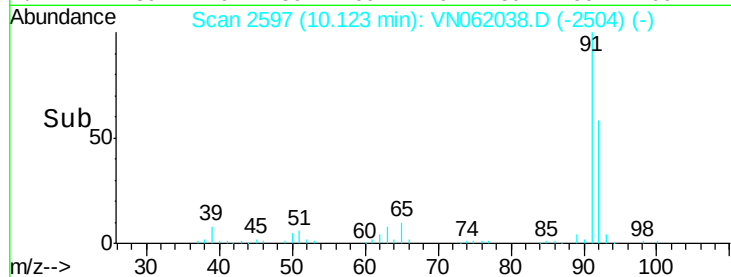
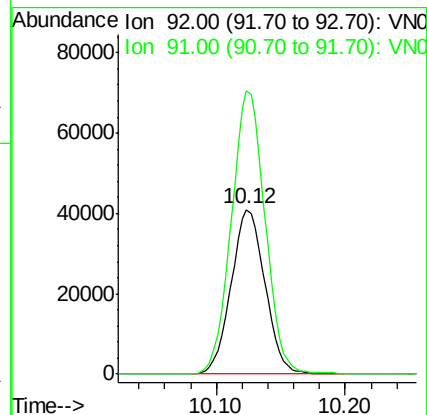
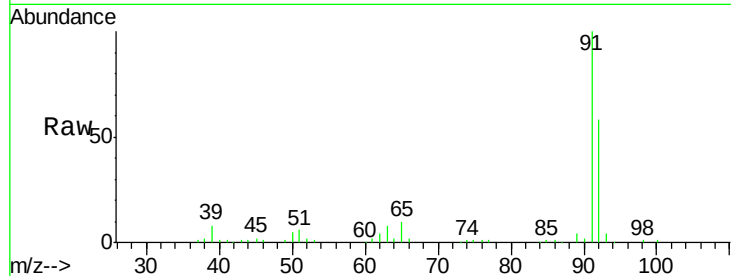
KY032MW006-200616DL

Tot Ion: 92 Resp: 74535

Ion Ratio Lower Upper

92 100

91 171.7 137.1 205.7



#62

4-Bromofluorobenzene

Concen: 48.486 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062038.D

Acq: 23 Jun 2020 7:59

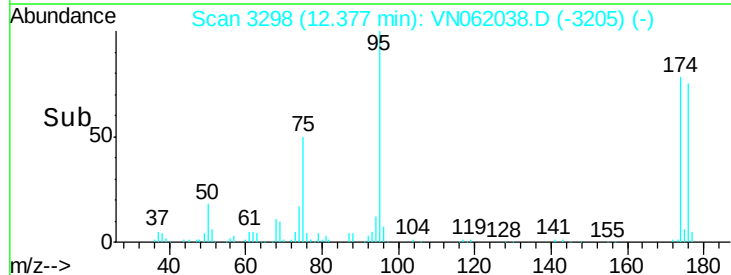
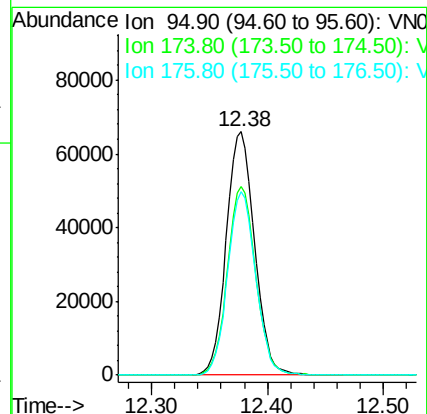
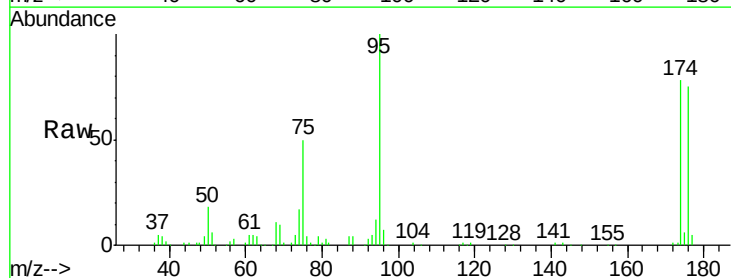
Tgt Ion: 95 Resp: 111427

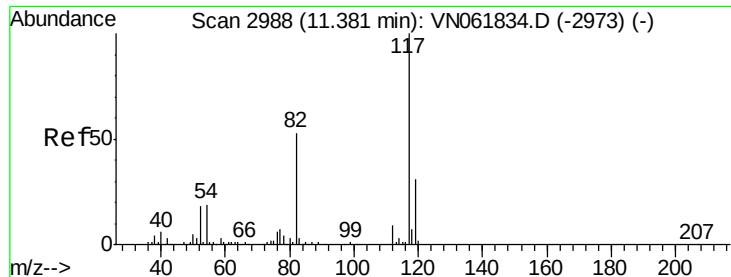
Ion Ratio Lower Upper

95 100

174 77.4 0.0 158.6

176 74.3 0.0 152.0

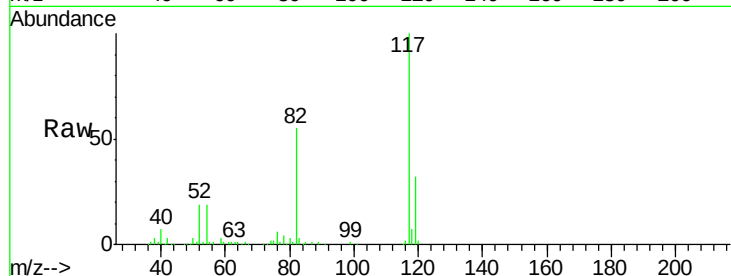




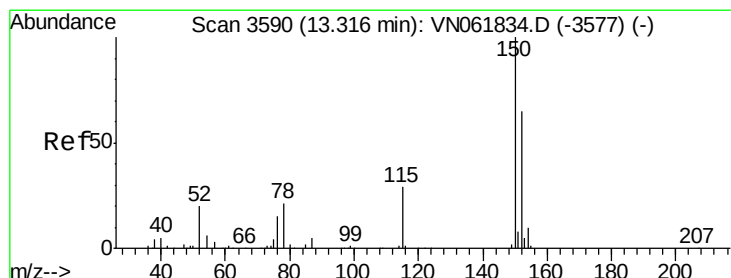
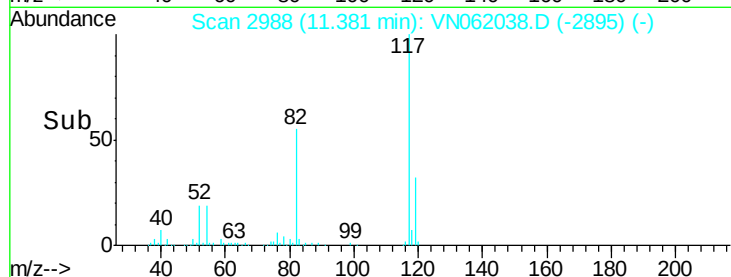
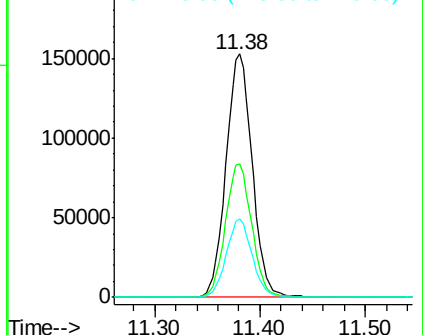
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062038.D
Acq: 23 Jun 2020 7:59

Instrument :
MSVOA_N
ClientSampleId :
KY032MW006-200616DL

Tot Ion:117 Resp: 262062
Ion Ratio Lower Upper
117 100
82 55.0 42.6 64.0
119 32.2 24.7 37.1

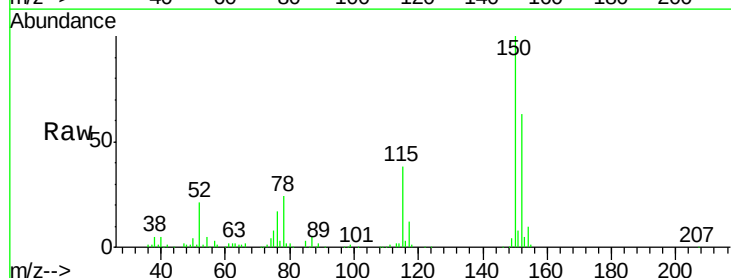


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

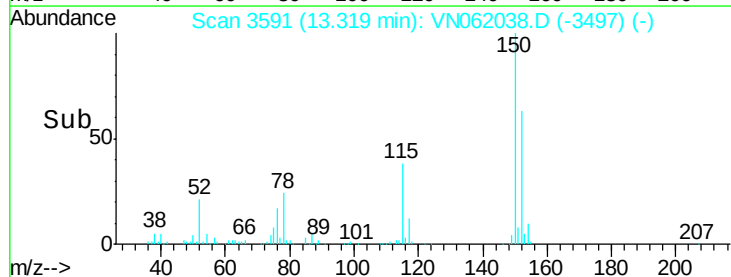
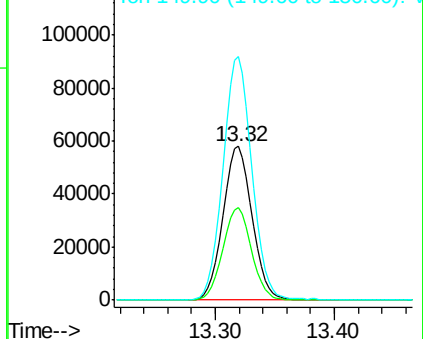


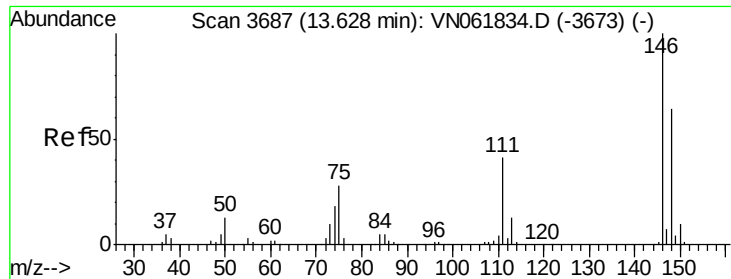
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062038.D
Acq: 23 Jun 2020 7:59

Tgt Ion:152 Resp: 98253
Ion Ratio Lower Upper
152 100
115 59.3 29.1 87.3
150 156.8 0.0 347.6



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





#91

1,2-Dichlorobenzene

Concen: 1.378 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062038.D

Acq: 23 Jun 2020 7:59

Instrument :

MSVOA_N

ClientSampleId :

KY032MW006-200616DL

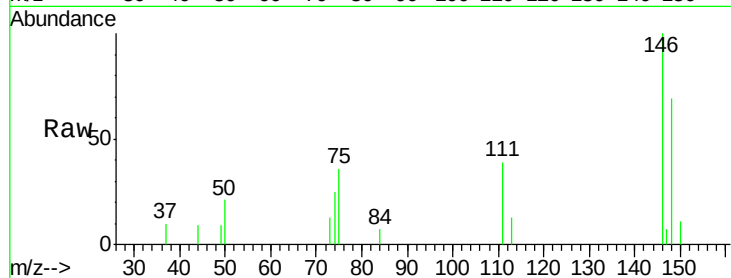
Tot Ion:146 Resp: 4262

Ion Ratio Lower Upper

146 100

111 35.1 20.4 61.2

148 63.7 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

