

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 07:16:21 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	140879	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	
35) Dibromofluoromethane	7.55	113	103469	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
50) Toluene-d8	10.06	98	398105	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.38	95	138765	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	

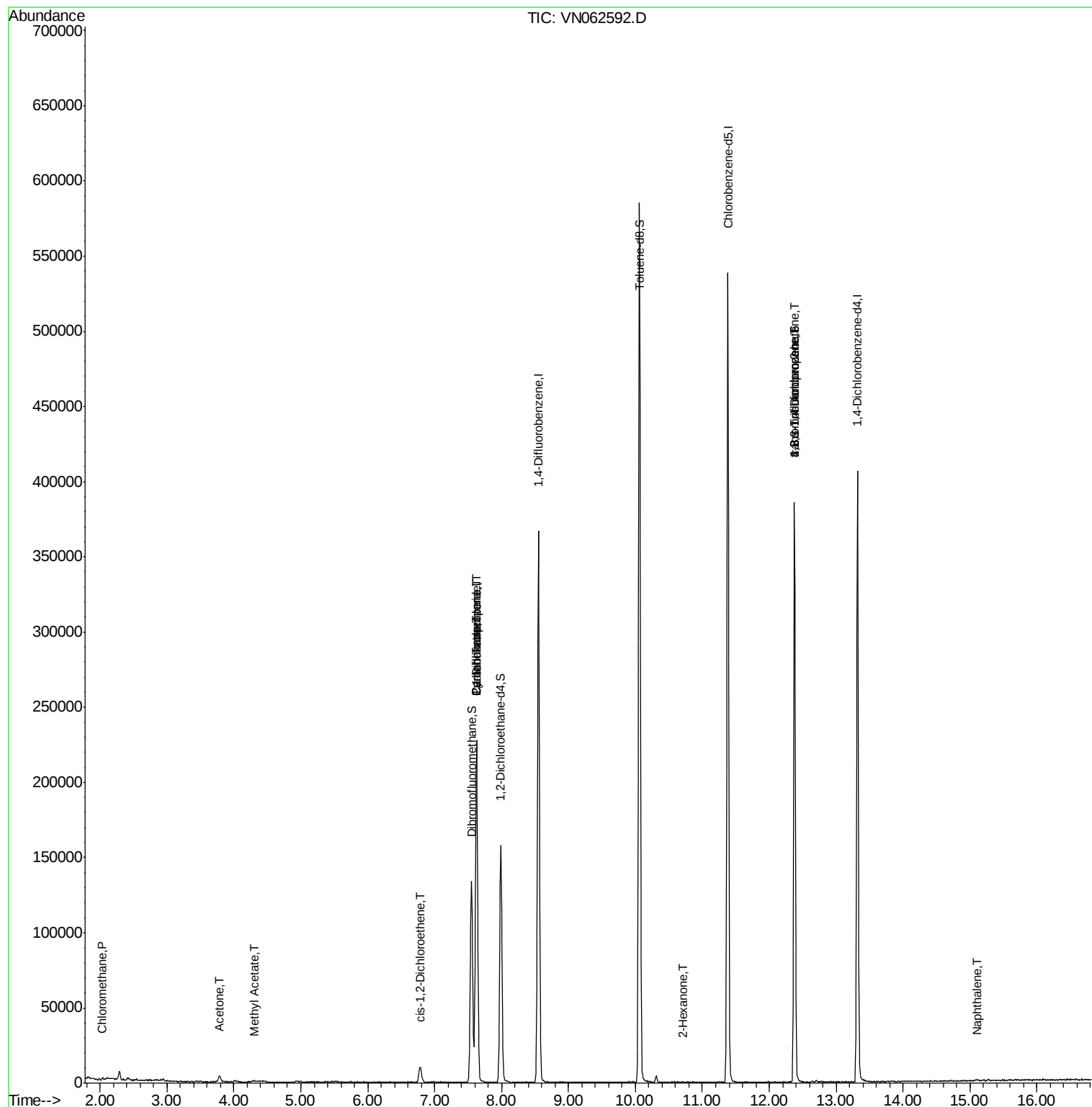
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	1367	0.484	ug/l #	84
16) Acetone	3.79	43	7427	7.280	ug/l	91
18) Methyl Acetate	4.29	43	994	0.385	ug/l #	56
27) cis-1,2-Dichloroethene	6.78	96	6959	2.941	ug/l	76
31) Cyclohexane	7.63	56	4229	1.059	ug/l #	12
36) 1,1-Dichloropropene	7.63	75	15349	4.695	ug/l #	51
38) Carbon Tetrachloride	7.63	117	18443	5.868	ug/l #	18
59) 2-Hexanone	10.72	43	63	2.983	ug/l #	26
76) 1,2,3-Trichloropropane	12.38	75	73513	27.455	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	73513	76.428	ug/l #	12
95) Naphthalene	15.10	128	171	3.795	ug/l #	69

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

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Quant Title : SW846 8260
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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: VN062592.D

Acq: 22 Jul 2020 13:59

Instrument :

MSVOA_N

ClientSampleId :

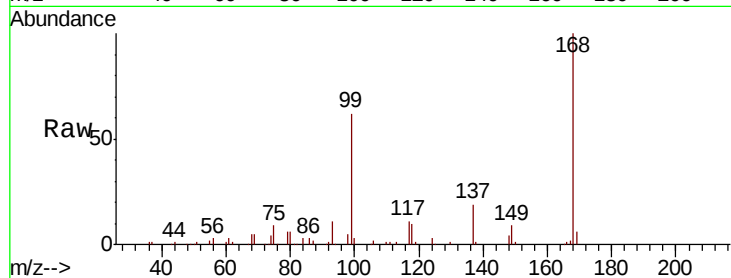
KY038PS037-200720

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): VN062568.D

Ion 98.90 (98.60 to 99.60): VN062568.D

7.63

80000

60000

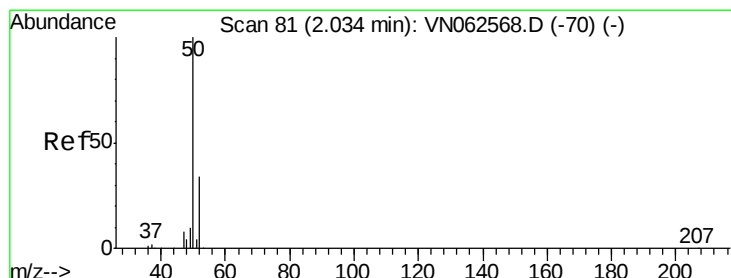
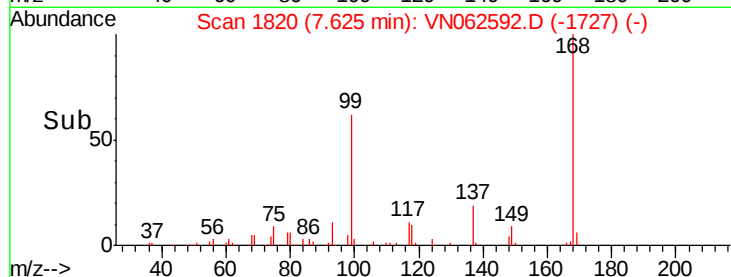
40000

20000

0

7.50 7.60 7.70

Time-->



#3

Chloromethane

Concen: 0.484 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062592.D

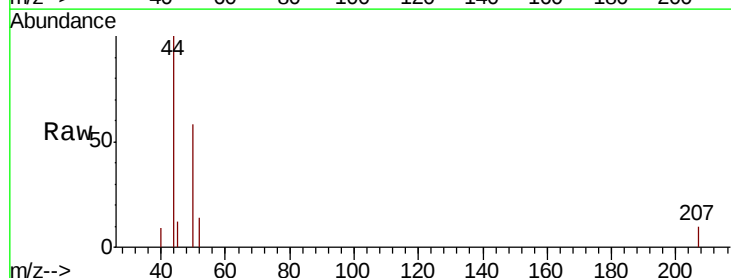
Acq: 22 Jul 2020 13:59

Tgt Ion: 50 Resp: 1367

Ion Ratio Lower Upper

50 100

52 24.3 27.0 40.4#



Abundance Ion 49.90 (49.60 to 50.60): VN062568.D

Ion 51.90 (51.60 to 52.60): VN062568.D

2.03

1200

1000

800

600

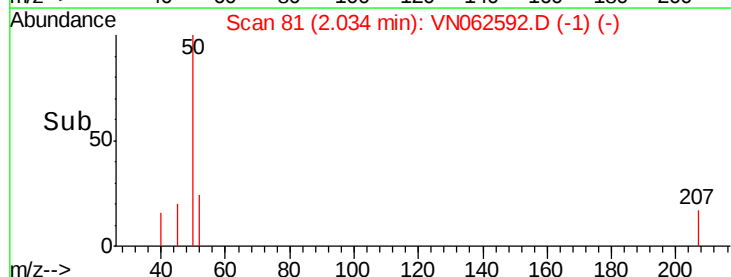
400

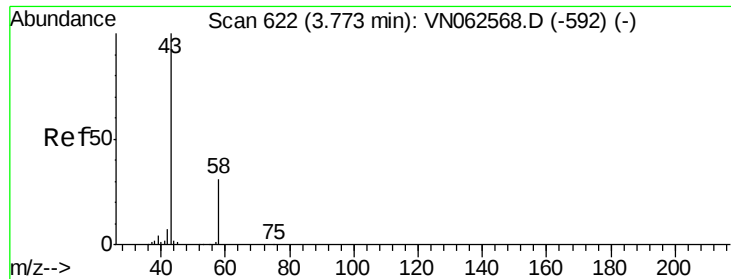
200

0

2.00 2.02 2.04 2.06 2.08

Time-->





#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

Instrument :

MSVOA_N

ClientSampleId :

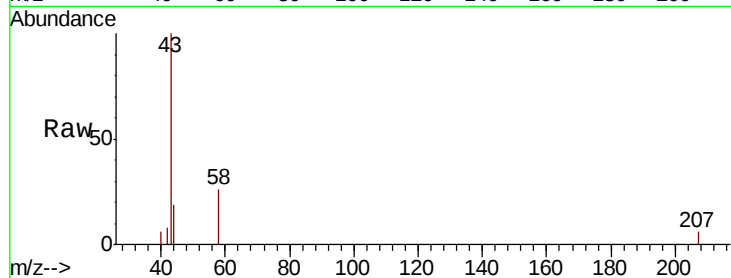
KY038PS037-200720

Tot Ion: 43 Resp: 7427

Ion Ratio Lower Upper

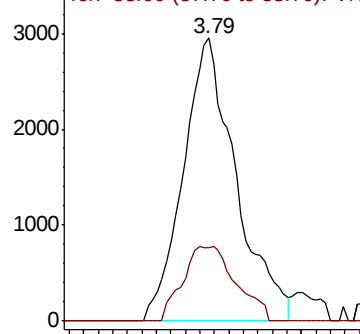
43 100

58 26.0 24.6 37.0

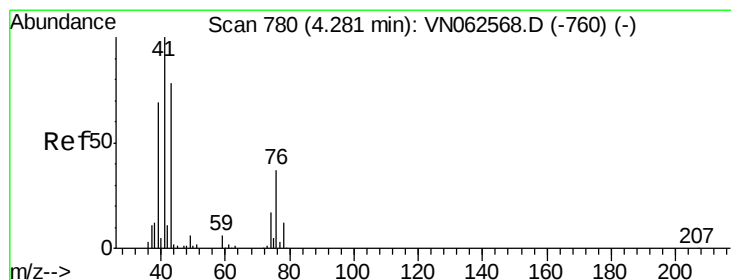
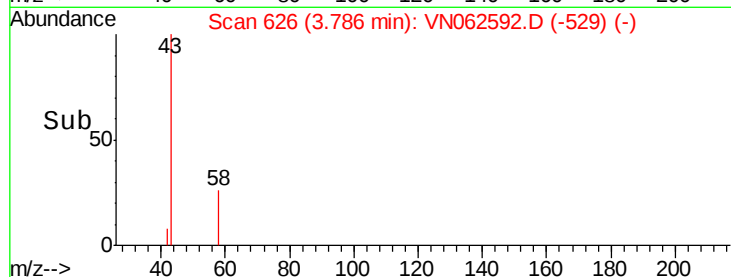


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#18

Methyl Acetate

Concen: 0.385 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.01 min

Lab File: VN062592.D

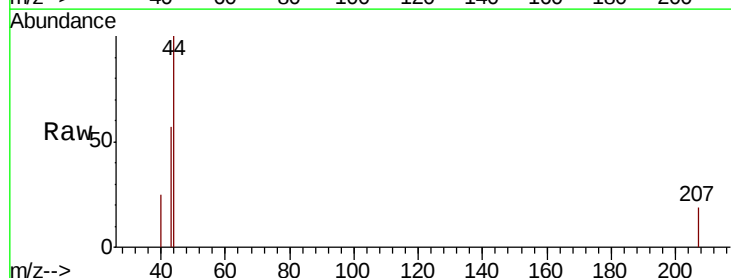
Acq: 22 Jul 2020 13:59

Tgt Ion: 43 Resp: 994

Ion Ratio Lower Upper

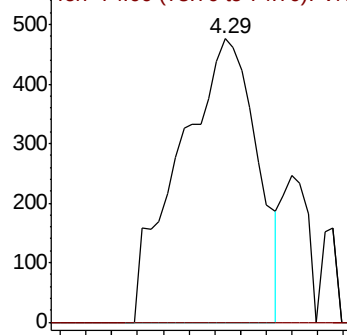
43 100

74 0.0 16.6 24.8#

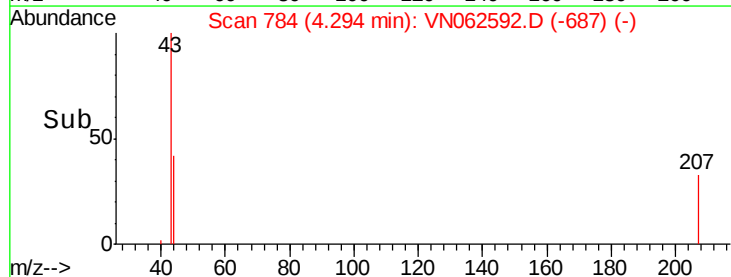


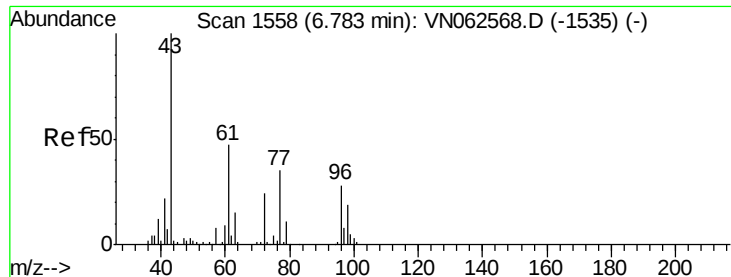
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



Time-->

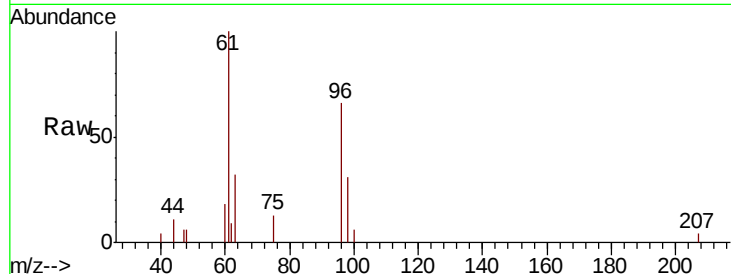




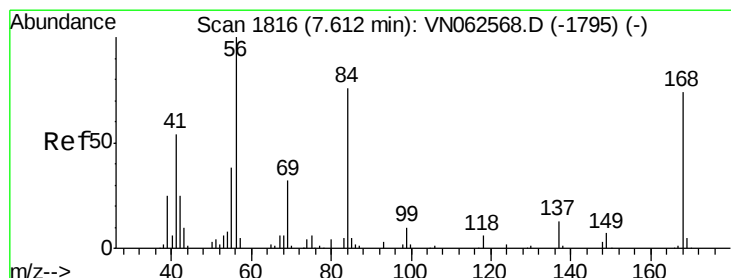
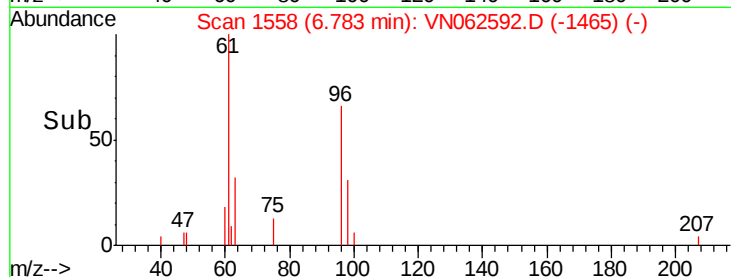
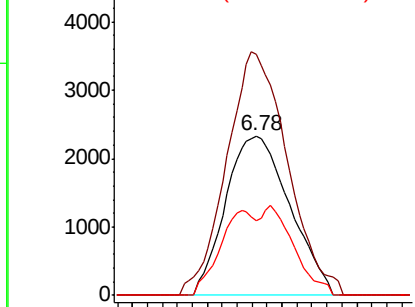
#27
 cis-1,2-Dichloroethene
 Concen: 2.941 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN062592.D
 Acq: 22 Jul 2020 13:59

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

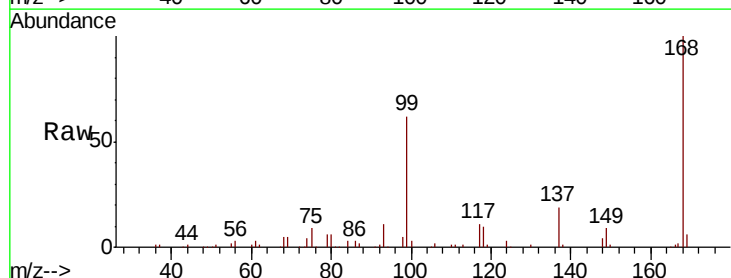


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

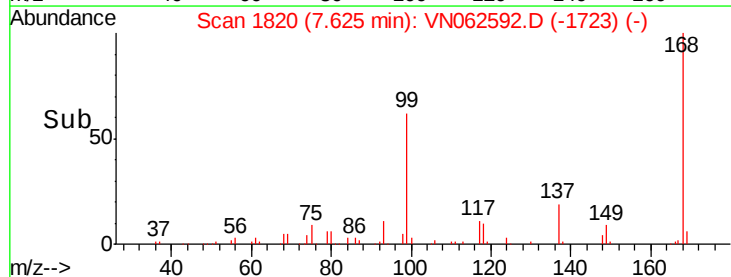
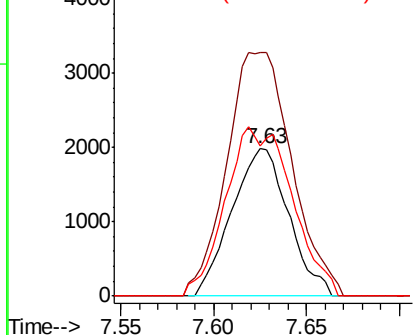


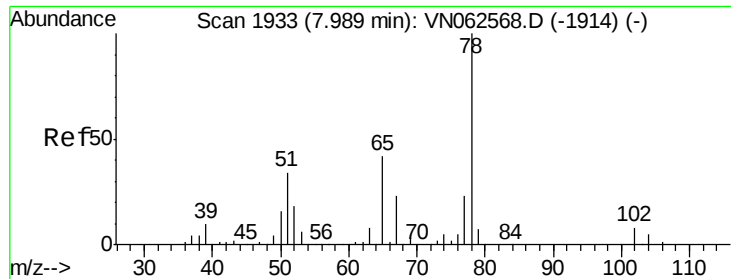
#31
 Cyclohexane
 Concen: 1.059 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. 0.01 min
 Lab File: VN062592.D
 Acq: 22 Jul 2020 13:59

Tgt Ion: 56 Resp: 4229
 Ion Ratio Lower Upper
 56 100
 69 157.5 25.3 37.9#
 84 102.3 61.0 91.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 84.00 (83.70 to 84.70): VN0

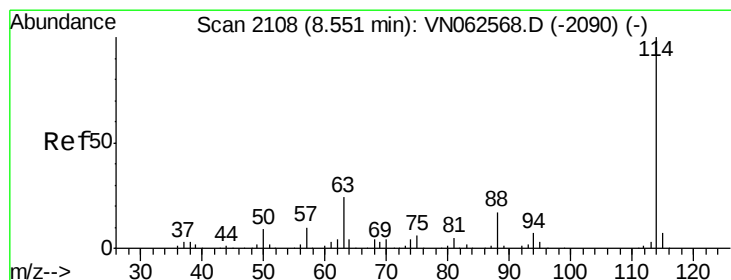
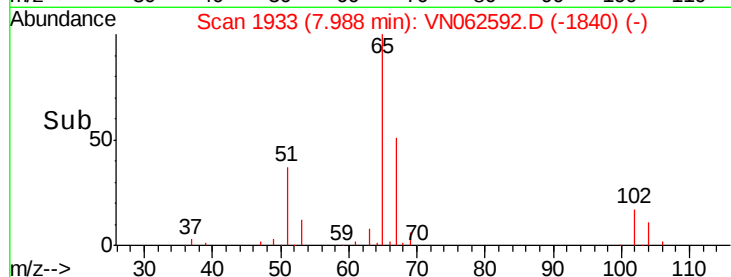
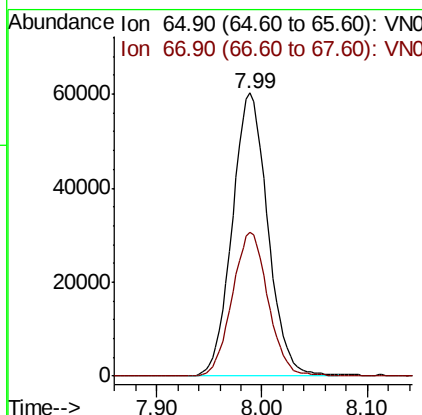
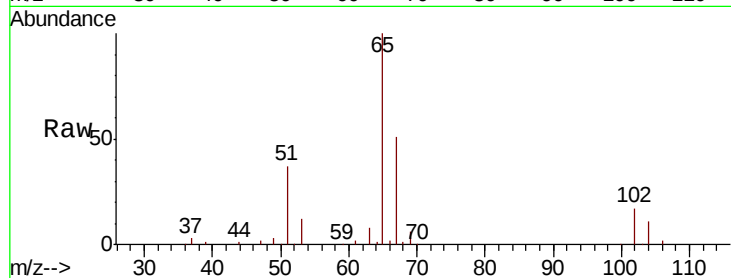




#33
 1,2-Dichloroethane-d4
 Concen: 51.964 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062592.D
 Acq: 22 Jul 2020 13:59

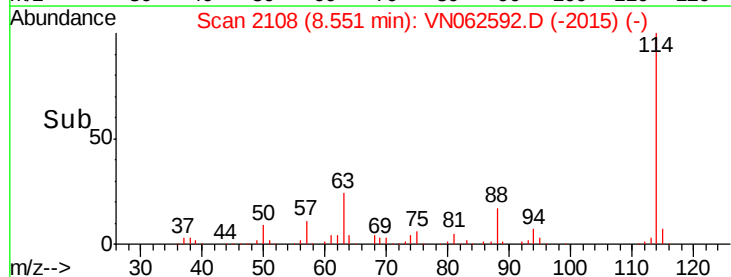
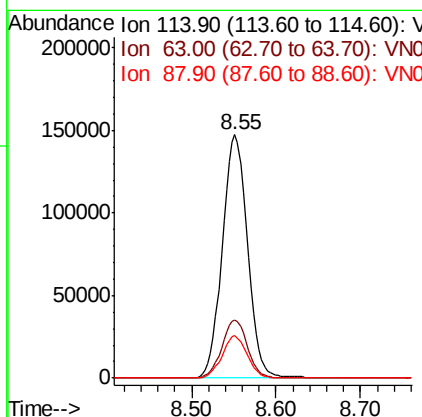
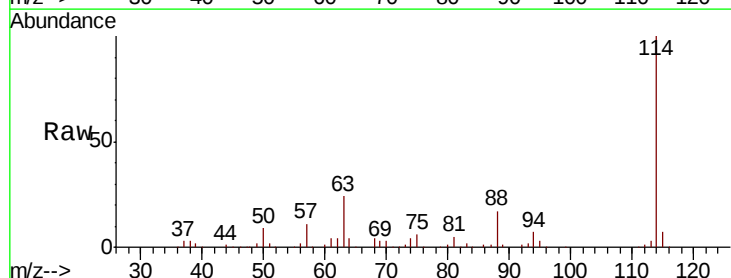
Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS037-200720

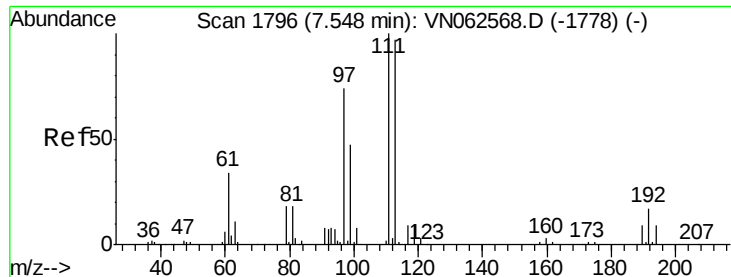
Tot Ion: 65 Resp: 140879
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.0



#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

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

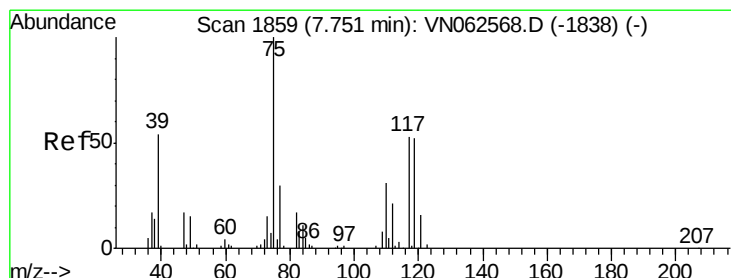
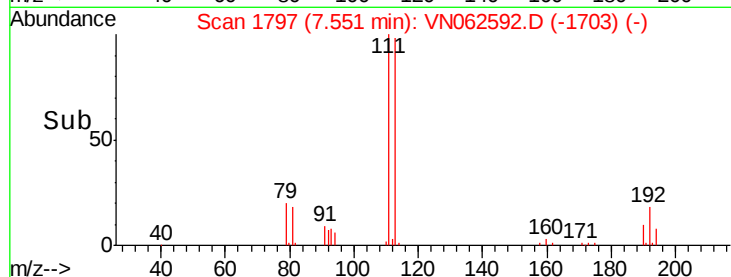
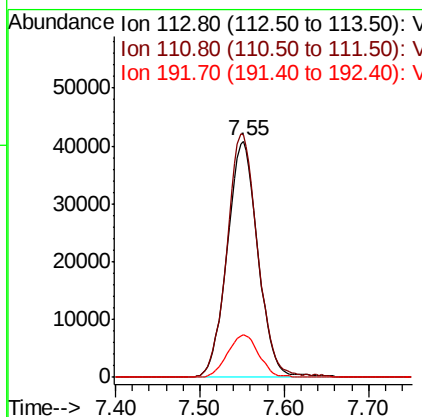
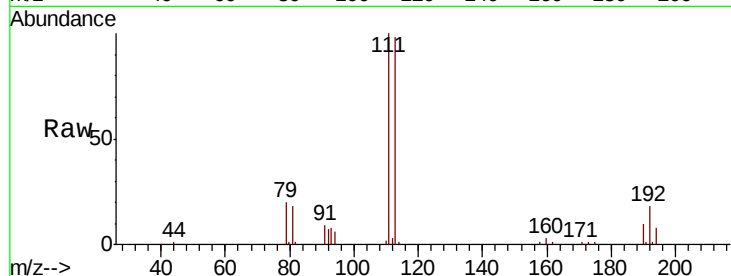




#35
 Dibromofluoromethane
 Concen: 51.353 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062592.D
 Acq: 22 Jul 2020 13:59

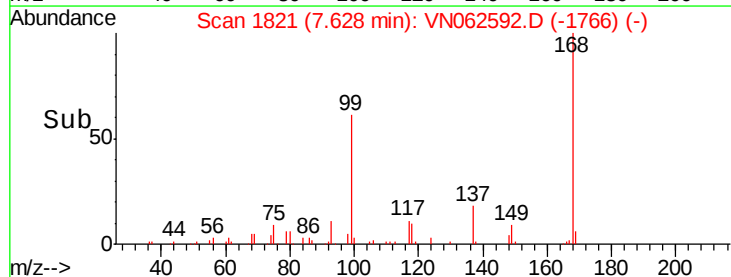
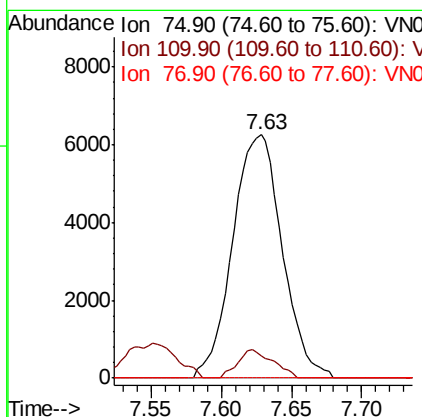
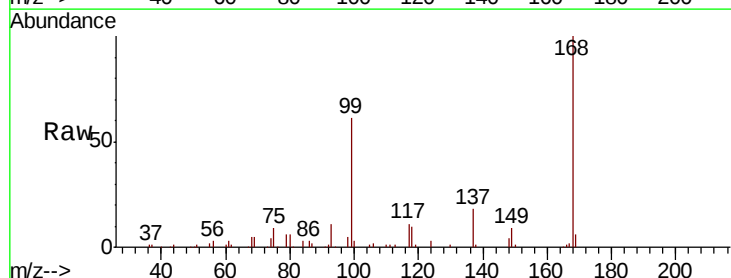
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 KY038PS037-200720

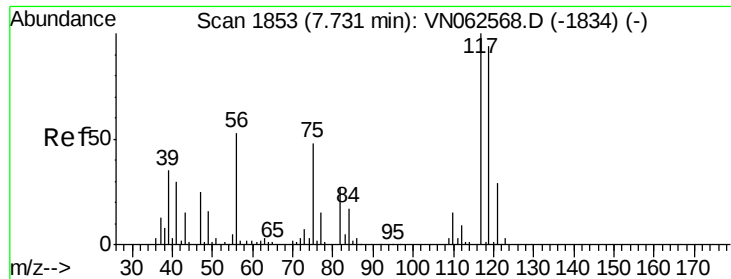
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.7	124.1
192	18.3	14.8	22.2



#36
 1,1-Dichloropropene
 Concen: 4.695 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.12 min
 Lab File: VN062592.D
 Acq: 22 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.0	48.0#
77	0.0	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 5.868 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062592.D

Acq: 22 Jul 2020 13:59

Instrument :

MSVOA_N

ClientSampleId :

KY038PS037-200720

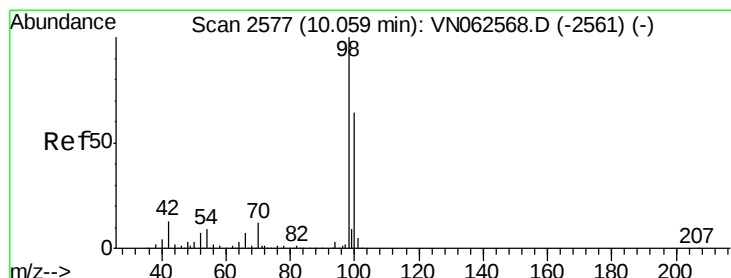
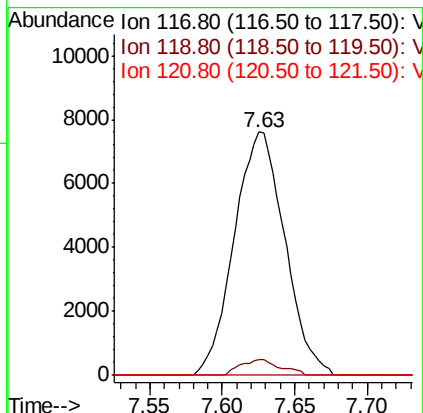
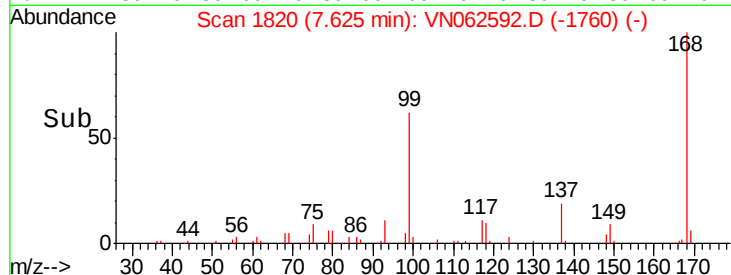
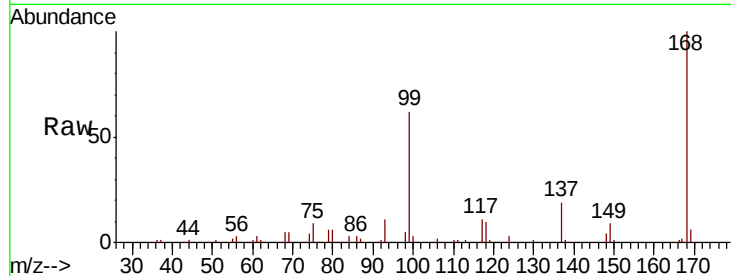
Tot Ion:117 Resp: 18443

Ion Ratio Lower Upper

117 100

119 6.5 74.8 112.2#

121 0.0 23.0 34.6#



#50

Toluene-d8

Concen: 49.521 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062592.D

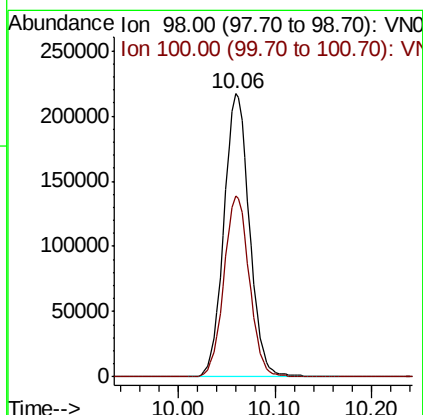
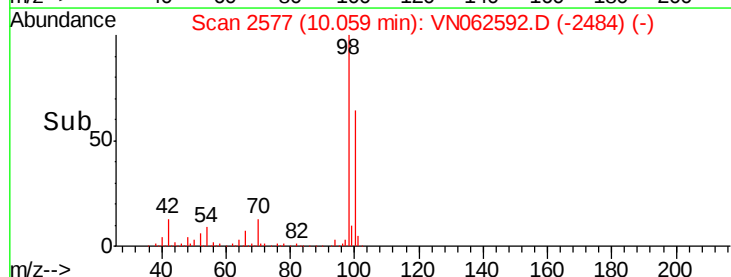
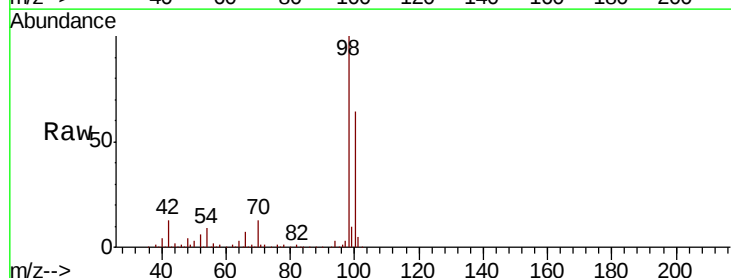
Acq: 22 Jul 2020 13:59

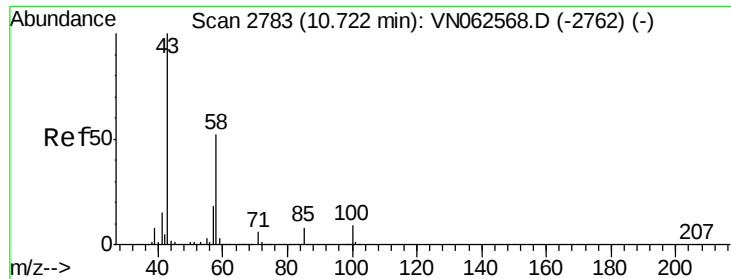
Tgt Ion: 98 Resp: 398105

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3

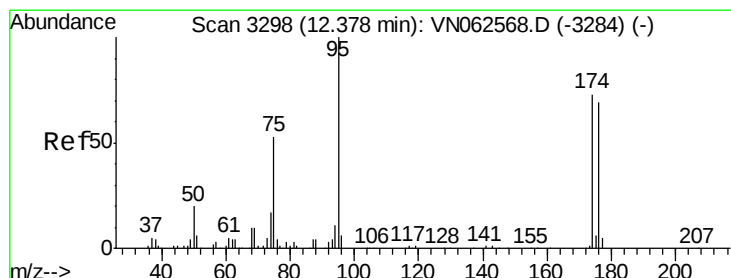
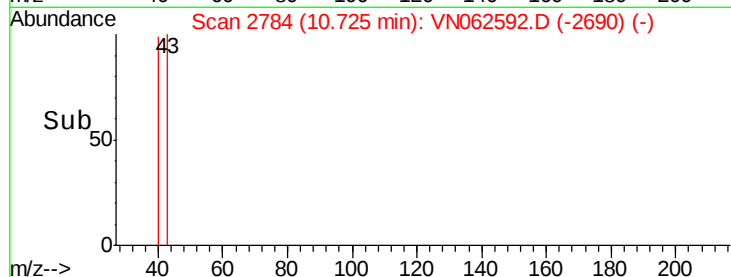
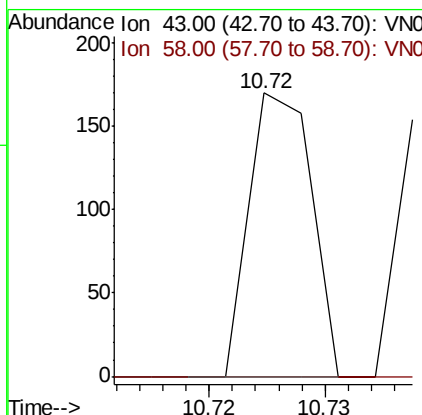
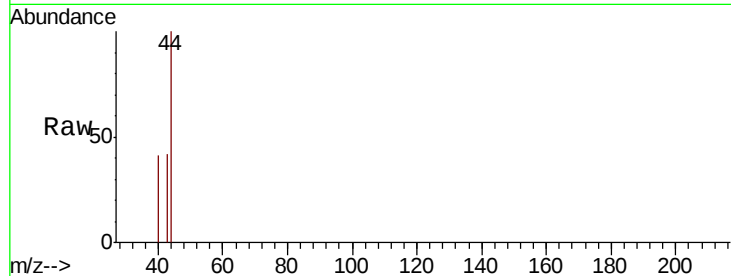




#59
2-Hexanone
Concen: 2.983 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062592.D
Acq: 22 Jul 2020 13:59

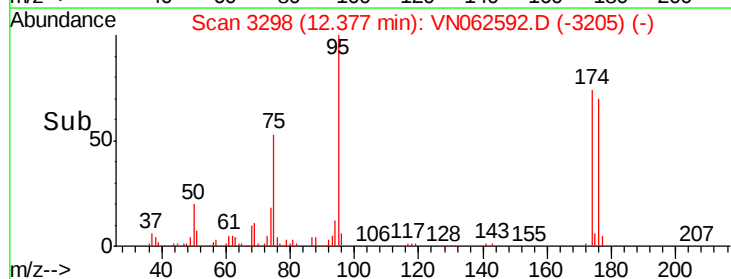
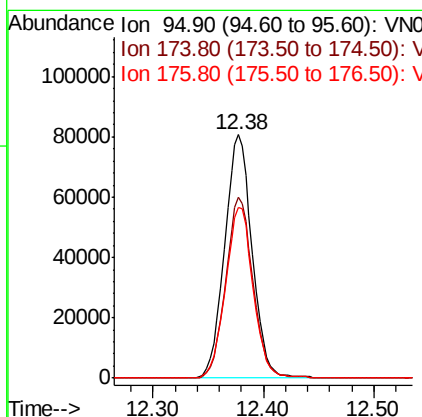
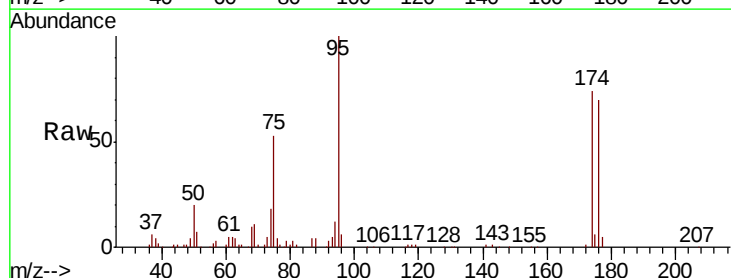
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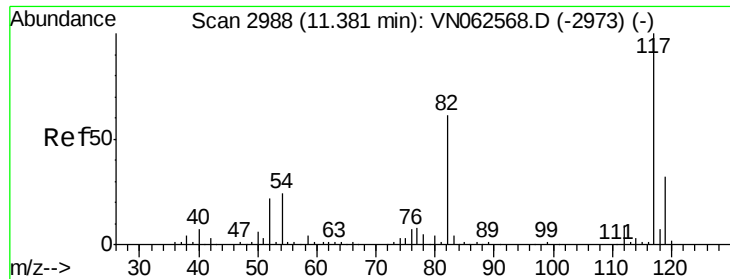
Tot Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
58 0.0 26.0 78.0#



#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

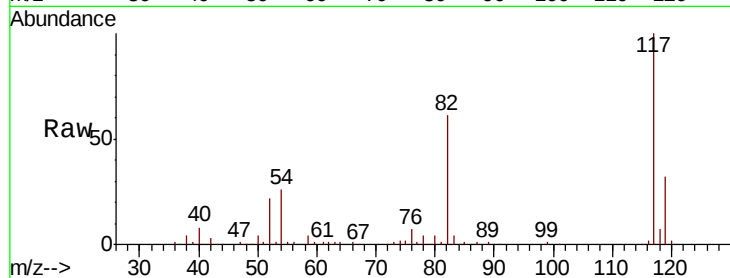
Tot Ion:117 Resp: 297488

Ion Ratio Lower Upper

117 100

82 61.4 49.0 73.6

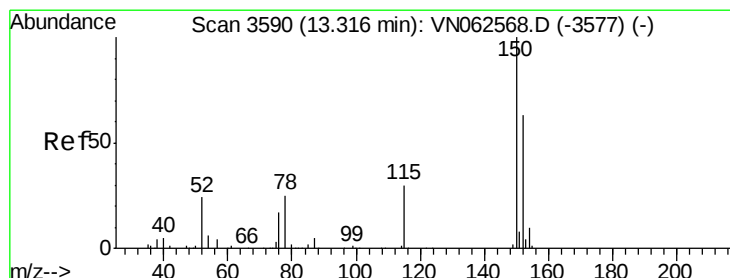
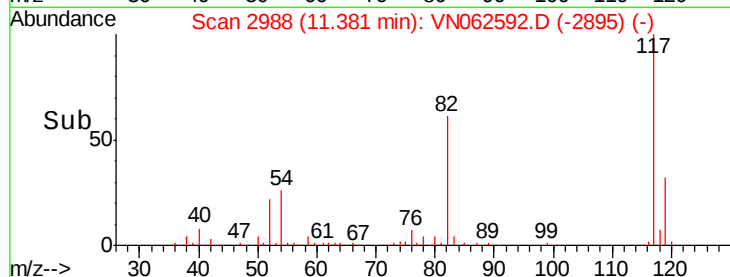
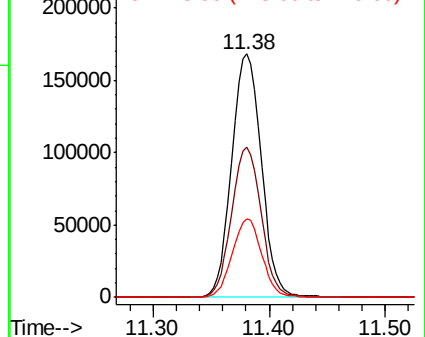
119 32.4 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN062592.D

Acq: 22 Jul 2020 13:59

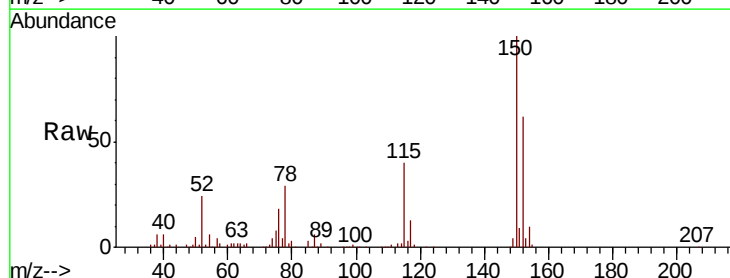
Tgt Ion:152 Resp: 105195

Ion Ratio Lower Upper

152 100

115 63.3 31.8 95.4

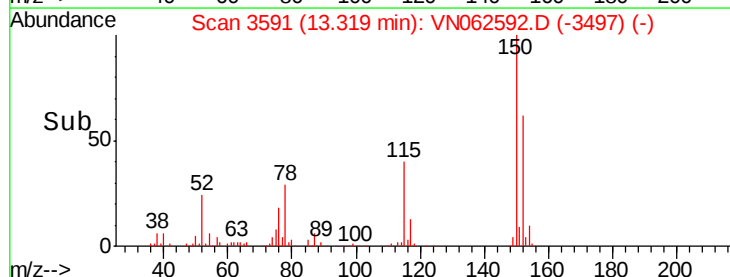
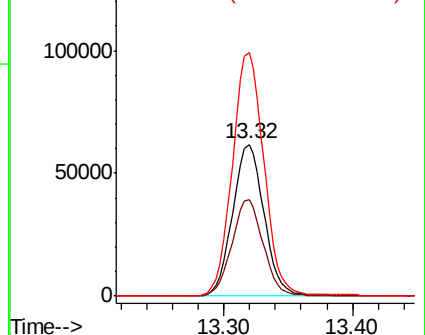
150 161.3 0.0 351.4

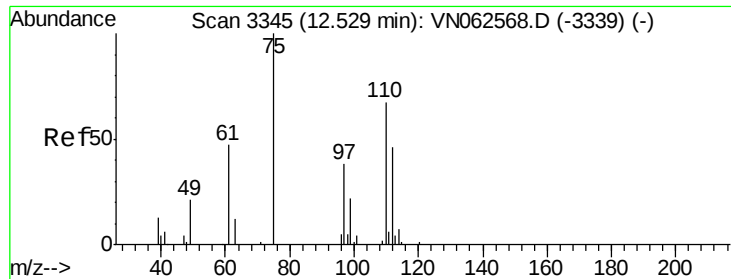


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

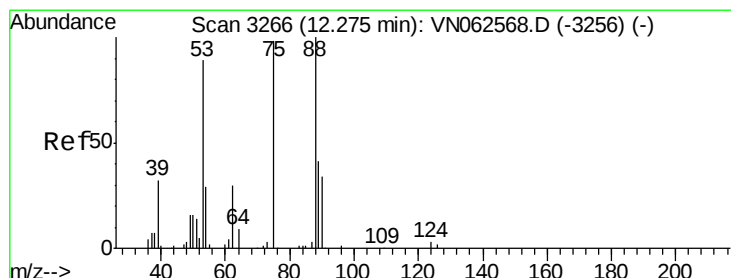
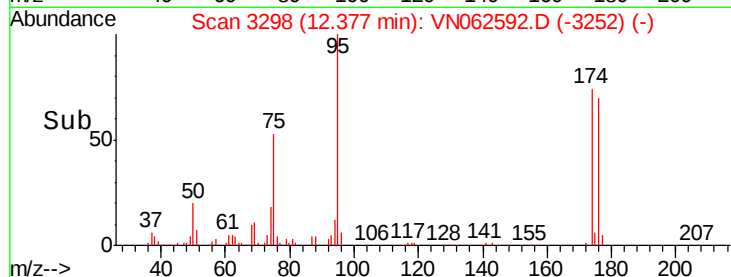
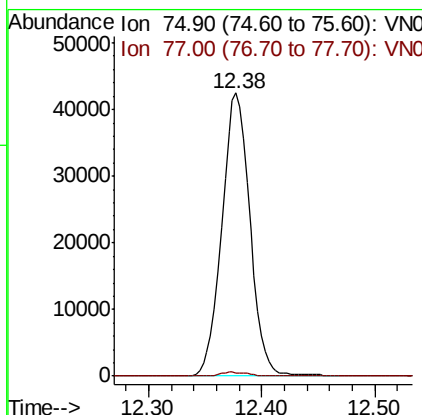
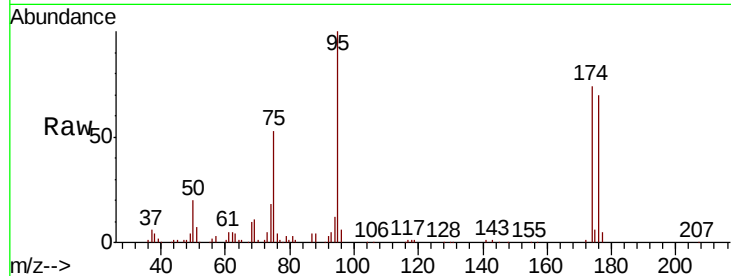




#76
 1,2,3-Trichloropropane
 Concen: 27.455 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062592.D
 Acq: 22 Jul 2020 13:59

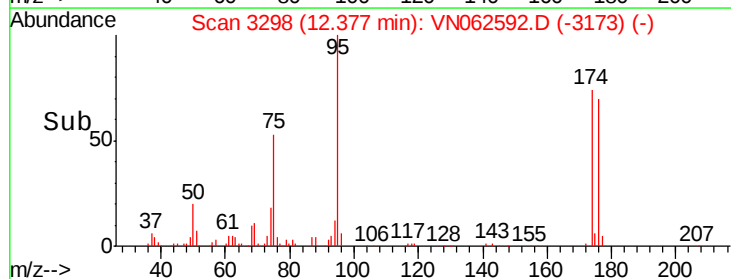
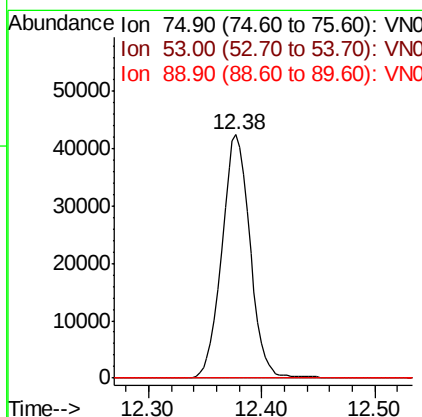
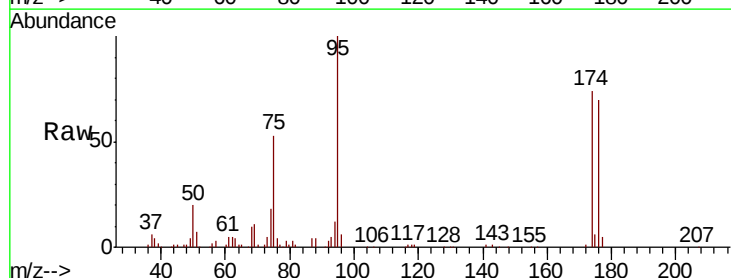
Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS037-200720

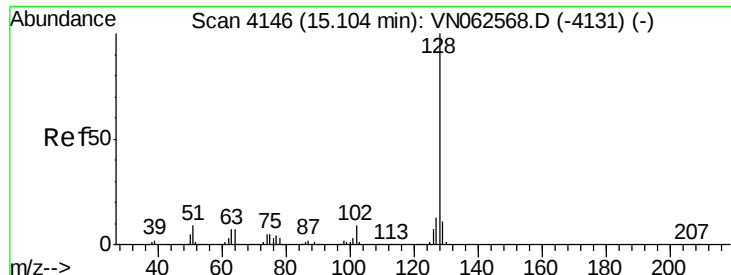
Tot Ion: 75 Resp: 73513
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.428 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062592.D
 Acq: 22 Jul 2020 13:59

Tgt Ion: 75 Resp: 73513
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.4 113.0#
 89 0.0 34.5 51.7#





#95

Naphthalene

Concen: 3.795 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062592.D

Acq: 22 Jul 2020 13:59

Instrument :

MSVOA_N

ClientSampleId :

KY038PS037-200720

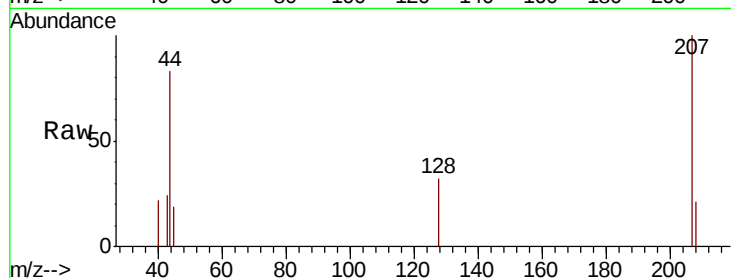
Tot Ion:128 Resp: 171

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

