

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
 Data File : VW015706.D
 Acq On : 25 Jun 2020 02:22
 Operator : SY/VA
 Sample : L3099-01
 Misc : 8.17G/5ML/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DUCT-BANK

Quant Time: Jun 25 04:09:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	157741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	284090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	248714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	102231	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	104775	59.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.40%	
35) Dibromofluoromethane	7.88	113	90075	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.32	98	345595	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.62	95	108241	41.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.58%	

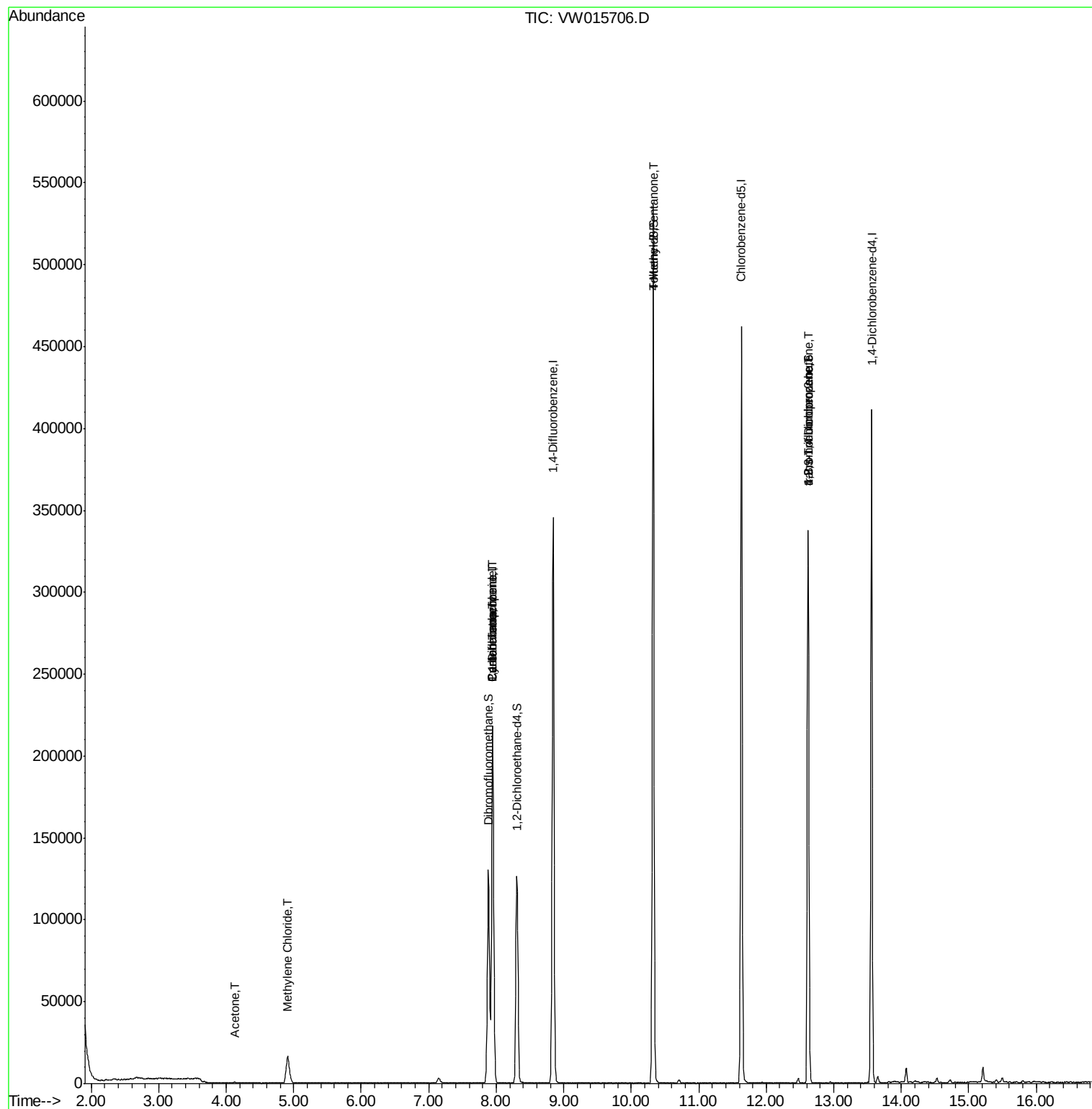
Target Compounds						Qvalue
16) Acetone	4.13	43	823	2.467	ug/l #	88
18) Methyl Acetate	4.67	43	28	Below Cal	#	52
20) Methylene Chloride	4.91	84	13363	4.033	ug/l	97
31) Cyclohexane	7.95	56	4093	1.354	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	13634	4.614	ug/l #	51
38) Carbon Tetrachloride	7.95	117	16420	5.733	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	1822	1.678	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	59399	63.699	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	59399	160.522	ug/l #	8

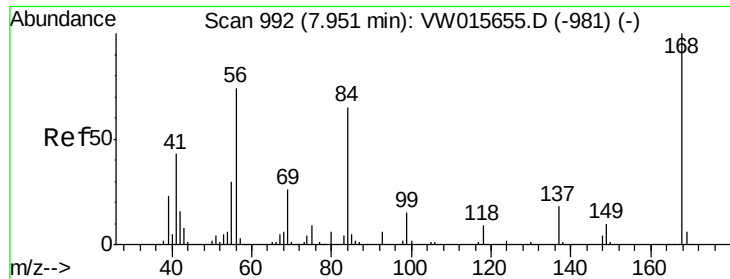
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
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Quant Time: Jun 25 04:09:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015706.D

Acq: 25 Jun 2020 02:22

Instrument :

MSVOA_W

ClientSampleId :

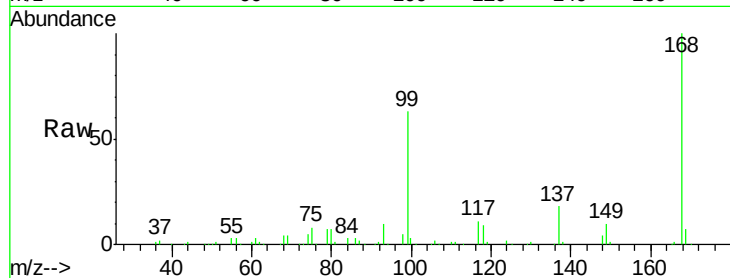
DUCT-BANK

Tgt Ion: 168 Resp: 157741

Ion Ratio Lower Upper

168 100

99 62.6 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

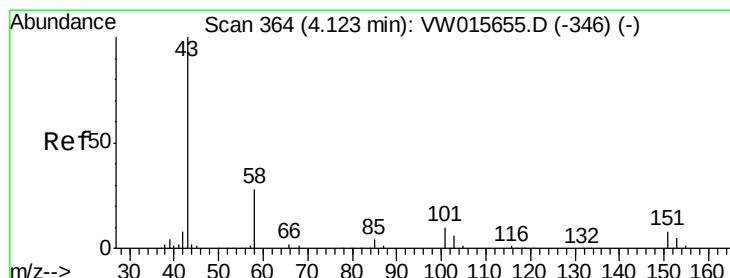
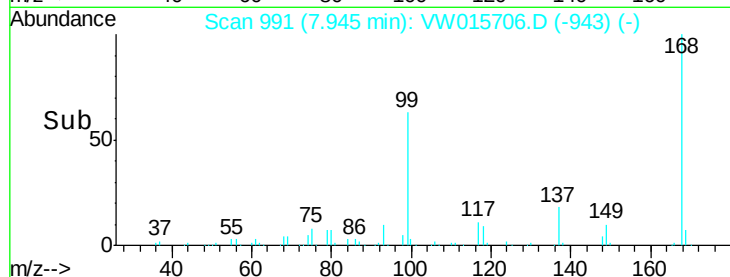
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 2.467 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015706.D

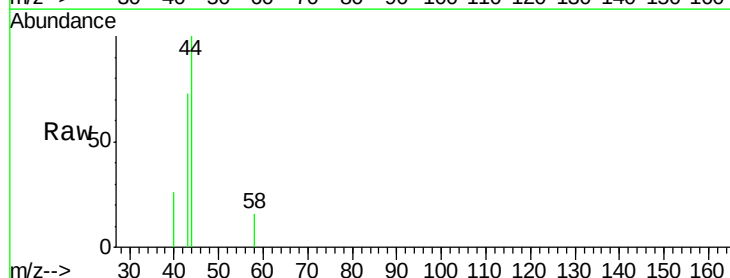
Acq: 25 Jun 2020 02:22

Tgt Ion: 43 Resp: 823

Ion Ratio Lower Upper

43 100

58 21.6 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

300

250

200

150

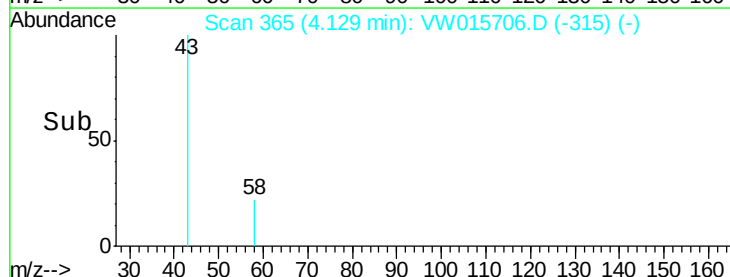
100

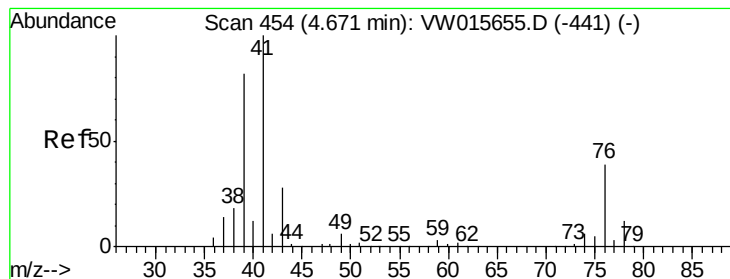
50

0

4.05 4.10 4.15 4.20

Time-->





#18

Methyl Acetate

Concen: Below Cal

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015706.D

Acq: 25 Jun 2020 02:22

Instrument :

MSVOA_W

ClientSampleId :

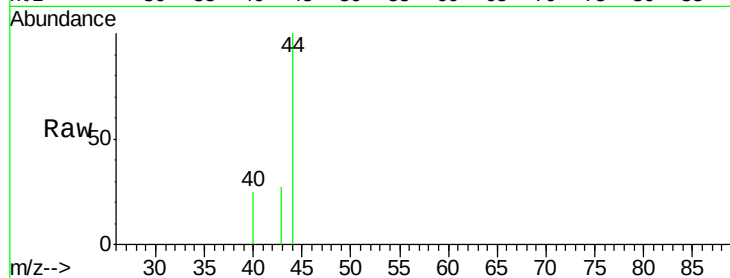
DUCT-BANK

Tgt Ion: 43 Resp: 28

Ion Ratio Lower Upper

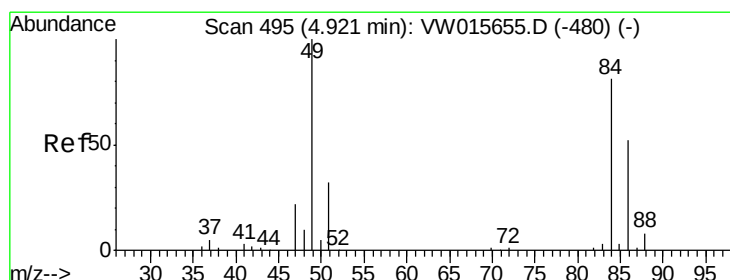
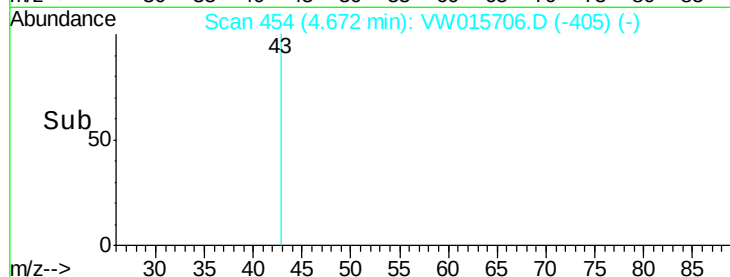
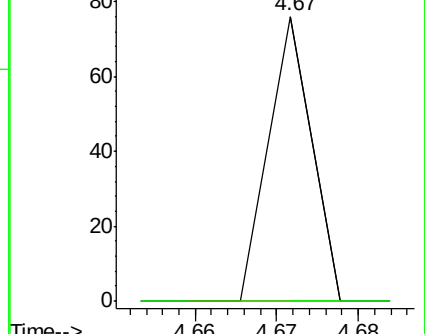
43 100

74 0.0 19.0 28.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



#20

Methylene Chloride

Concen: 4.033 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW015706.D

Acq: 25 Jun 2020 02:22

Tgt Ion: 84 Resp: 13363

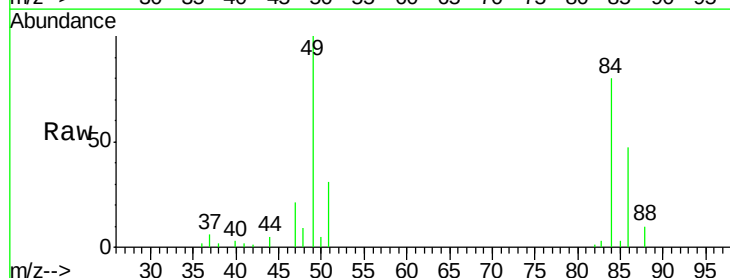
Ion Ratio Lower Upper

84 100

49 125.3 99.3 148.9

51 39.1 31.8 47.6

86 58.5 51.7 77.5

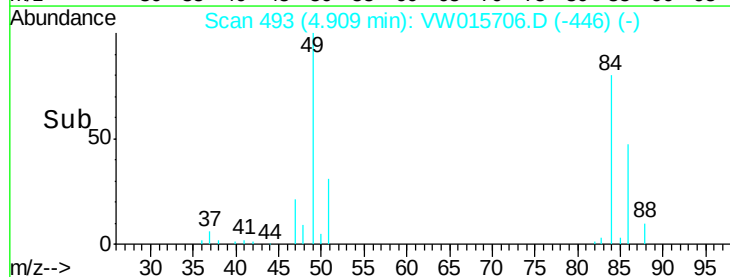
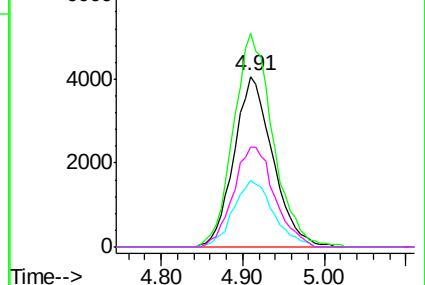


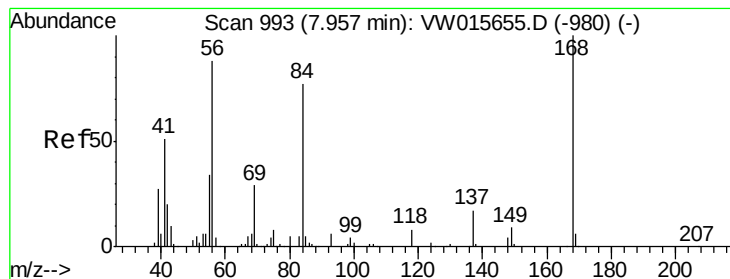
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#31

Cyclohexane

Concen: 1.354 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015706.D

Acq: 25 Jun 2020 02:22

Instrument :

MSVOA_W

ClientSampled :

DUCT-BANK

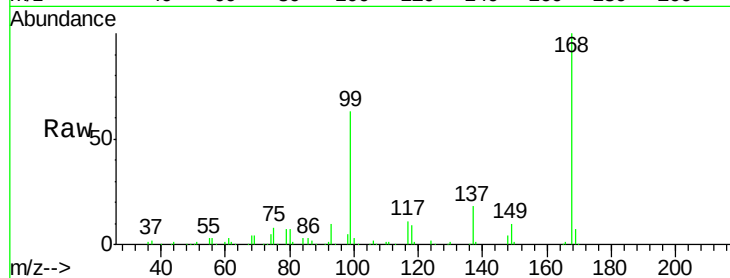
Tgt Ion: 56 Resp: 4093

Ion Ratio Lower Upper

56 100

69 153.3 26.2 39.4#

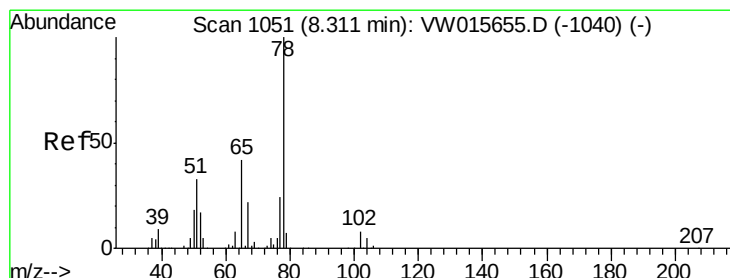
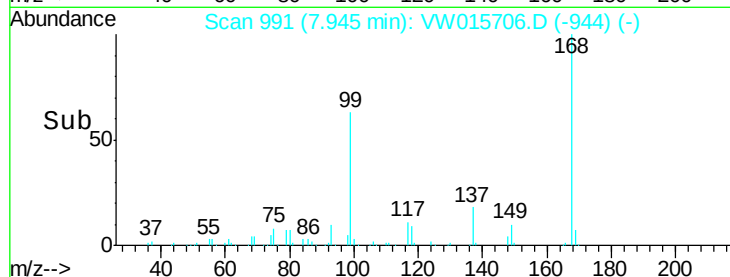
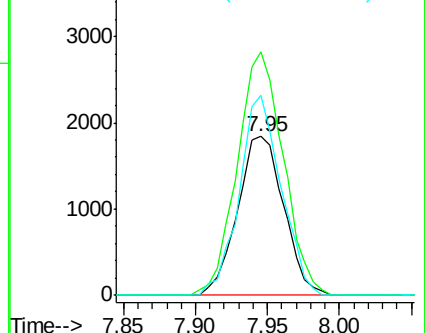
84 125.8 70.4 105.6#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 59.698 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015706.D

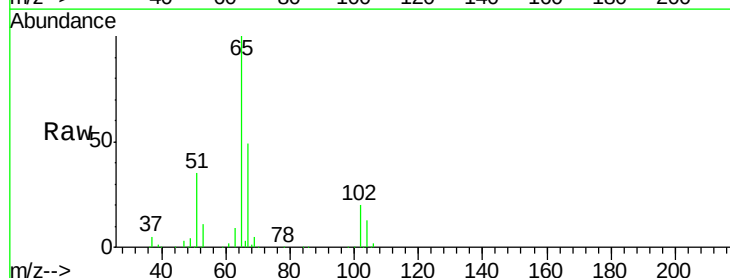
Acq: 25 Jun 2020 02:22

Tgt Ion: 65 Resp: 104775

Ion Ratio Lower Upper

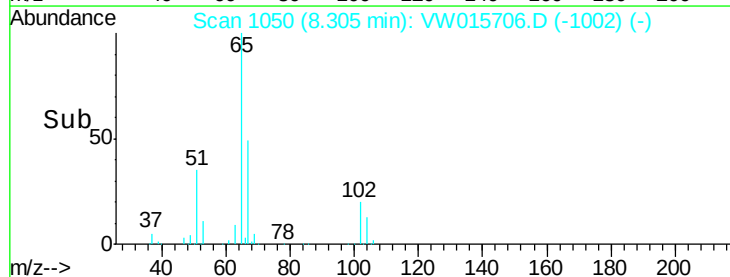
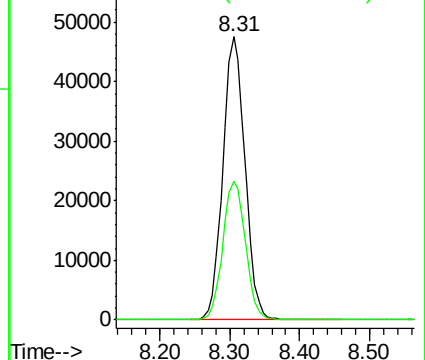
65 100

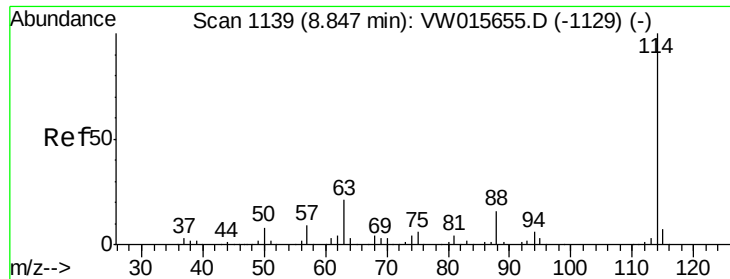
67 50.0 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

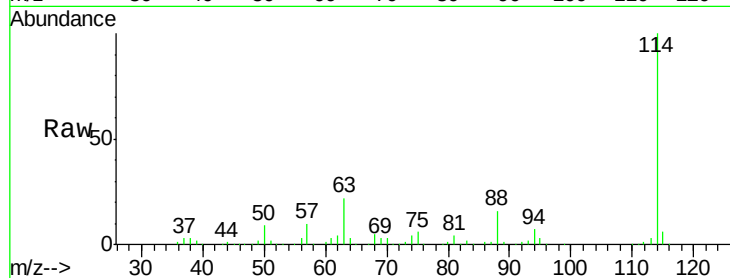




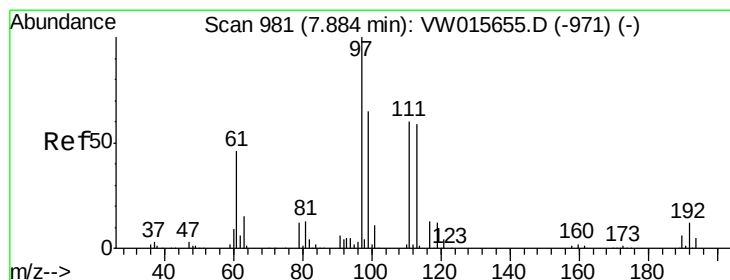
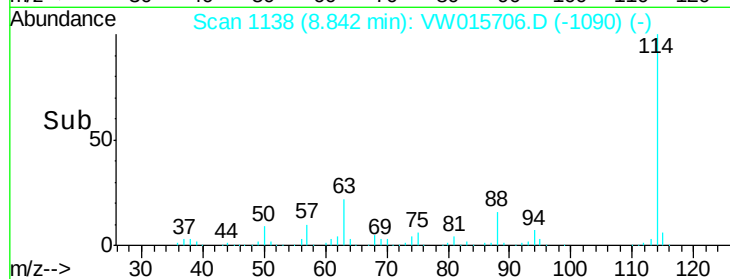
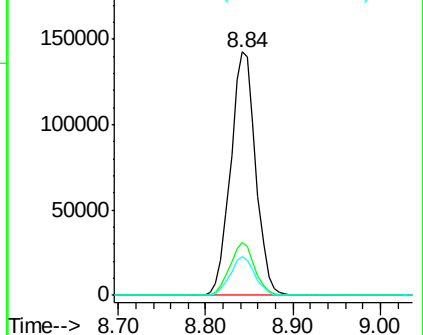
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW015706.D
Acq: 25 Jun 2020 02:22

Instrument :
MSVOA_W
ClientSampleId :
DUCT-BANK

Tgt Ion:114 Resp: 284090
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.4
88 16.0 0.0 32.6

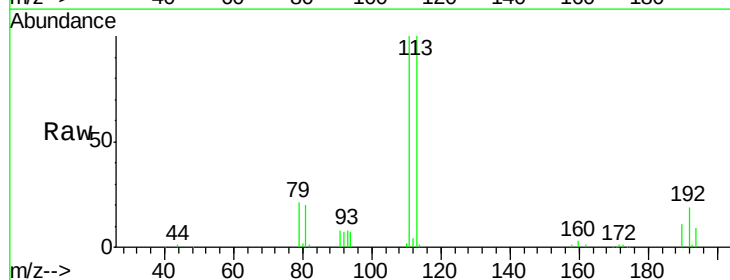


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

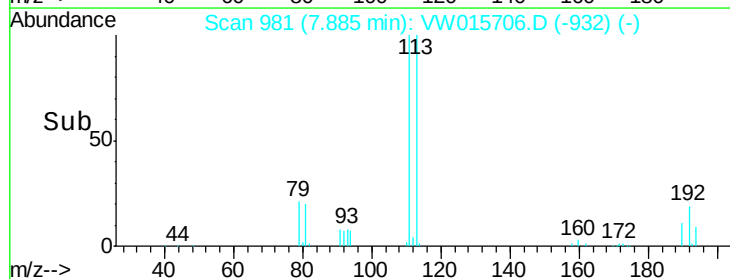
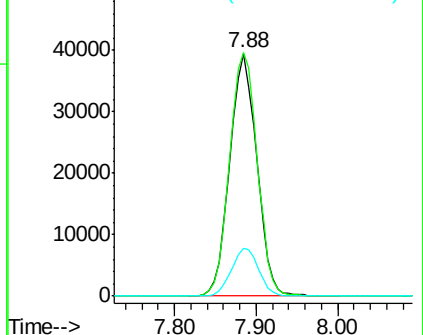


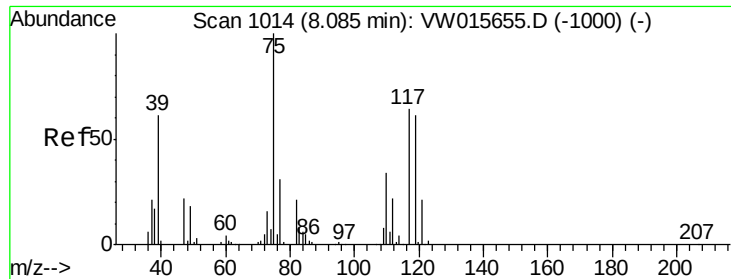
#35
Dibromofluoromethane
Concen: 50.405 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW015706.D
Acq: 25 Jun 2020 02:22

Tgt Ion:113 Resp: 90075
Ion Ratio Lower Upper
113 100
111 103.1 82.3 123.5
192 19.8 16.4 24.6



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

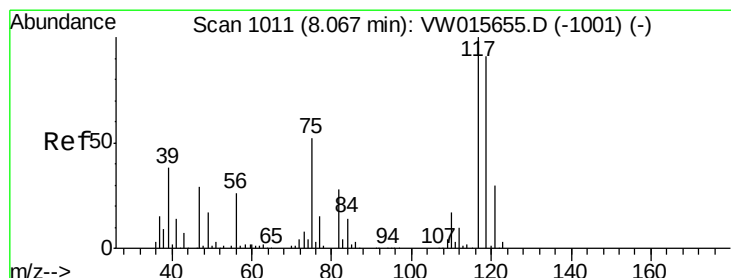
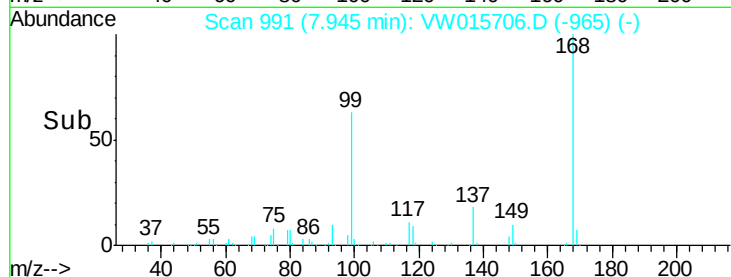
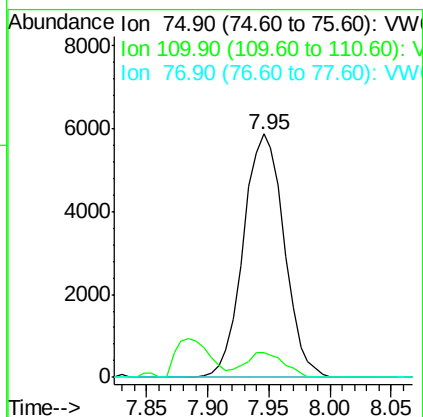
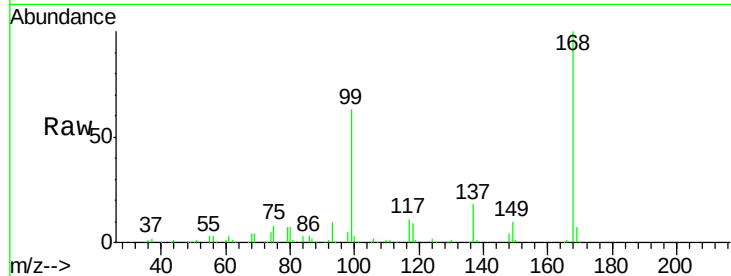




#36
 1,1-Dichloropropene
 Concen: 4.614 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015706.D
 Acq: 25 Jun 2020 02:22

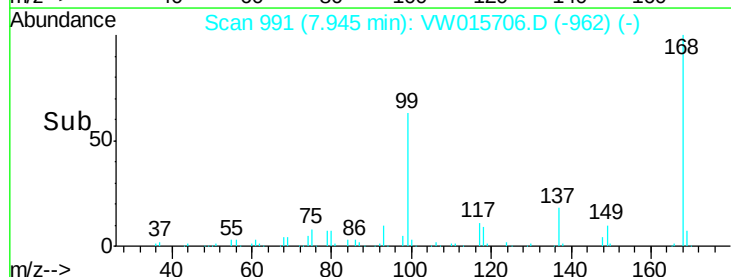
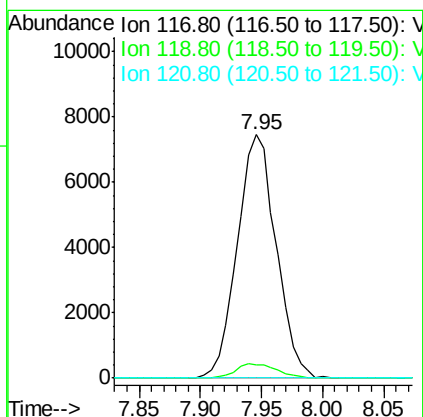
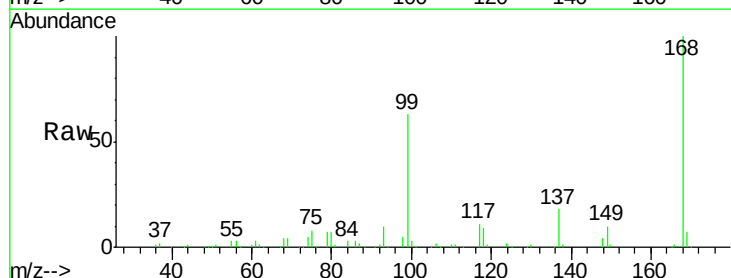
Instrument :
 MSVOA_W
 ClientSampleId :
 DUCT-BANK

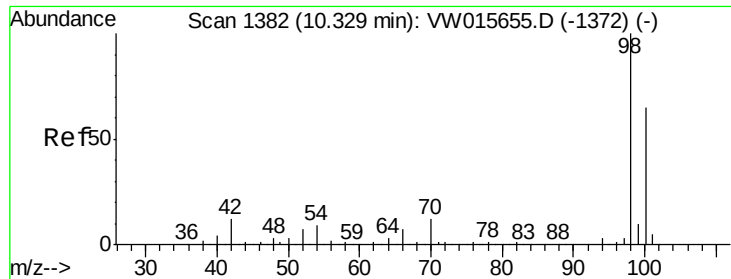
Tgt Ion: 75 Resp: 13634
 Ion Ratio Lower Upper
 75 100
 110 9.9 17.0 51.0#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.733 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW015706.D
 Acq: 25 Jun 2020 02:22

Tgt Ion: 117 Resp: 16420
 Ion Ratio Lower Upper
 117 100
 119 5.3 73.2 109.8#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 49.142 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015706.D

Acq: 25 Jun 2020 02:22

Instrument :

MSVOA_W

ClientSampled :

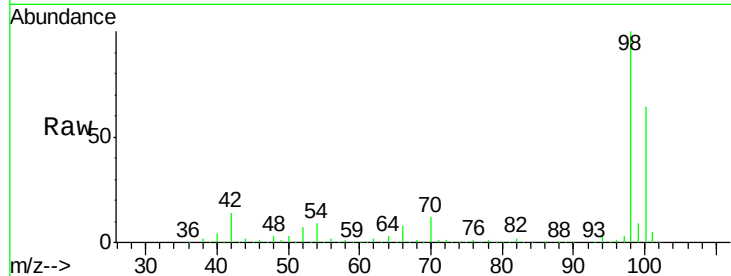
DUCT-BANK

Tgt Ion: 98 Resp: 345595

Ion Ratio Lower Upper

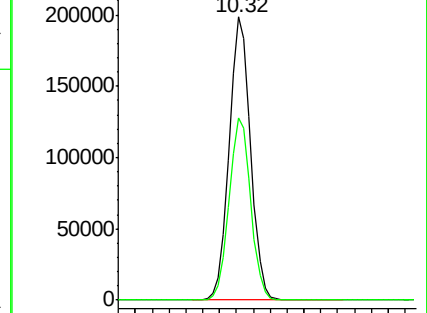
98 100

100 65.1 52.8 79.2

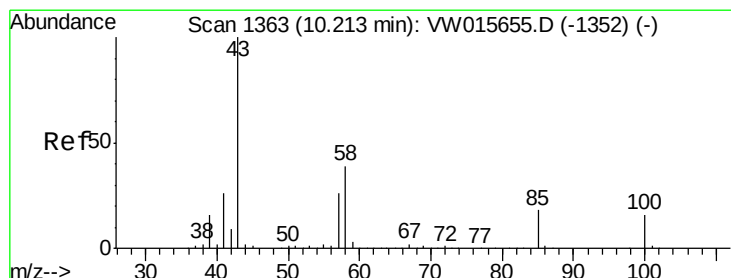
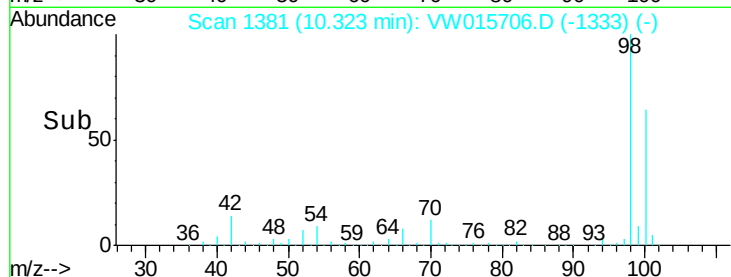


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.678 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW015706.D

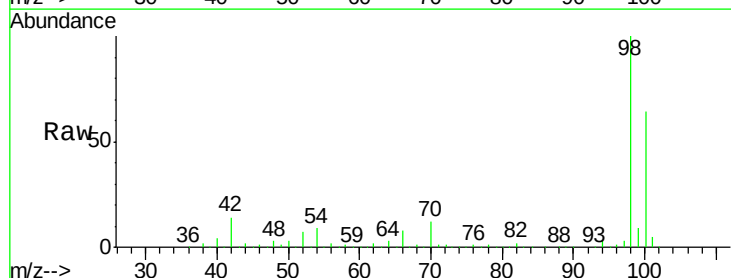
Acq: 25 Jun 2020 02:22

Tgt Ion: 43 Resp: 1822

Ion Ratio Lower Upper

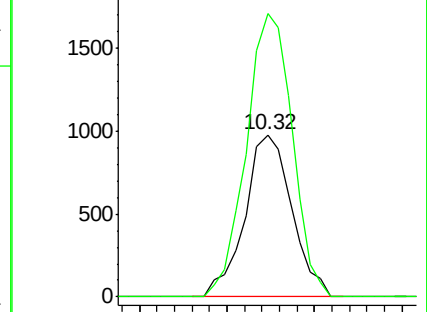
43 100

58 171.2 31.2 46.8#

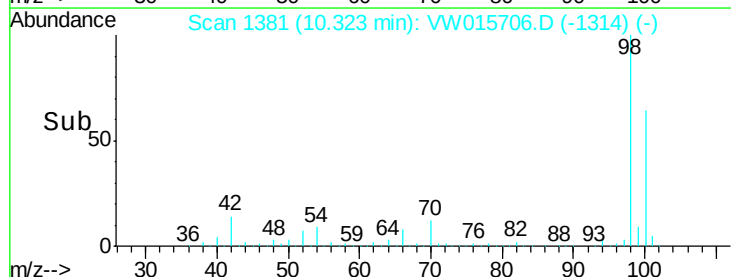


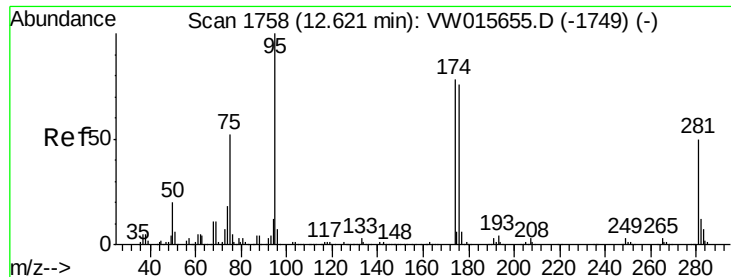
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->





#62

4-Bromofluorobenzene

Concen: 41.793 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015706.D

Acq: 25 Jun 2020 02:22

Instrument :

MSVOA_W

ClientSampleId :

DUCT-BANK

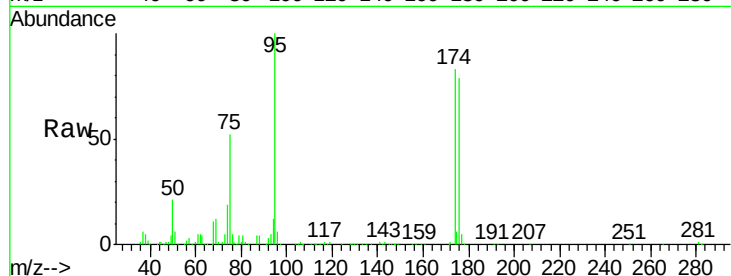
Tgt Ion: 95 Resp: 108241

Ion Ratio Lower Upper

95 100

174 79.6 0.0 157.0

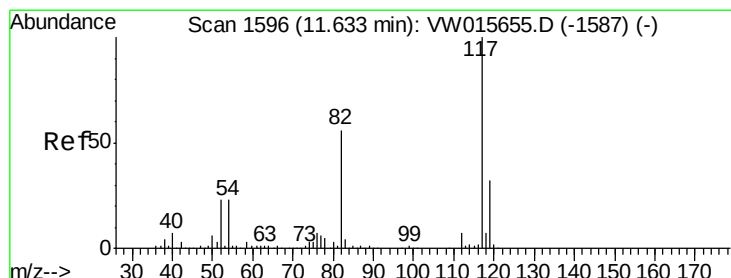
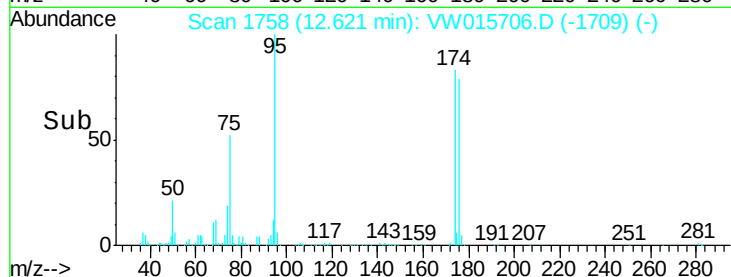
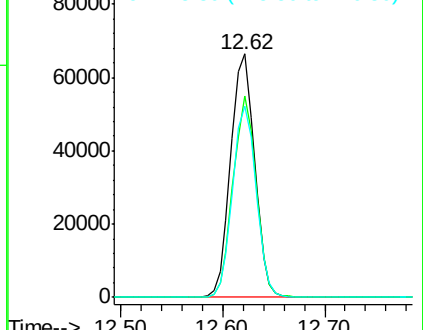
176 77.2 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015706.D

Acq: 25 Jun 2020 02:22

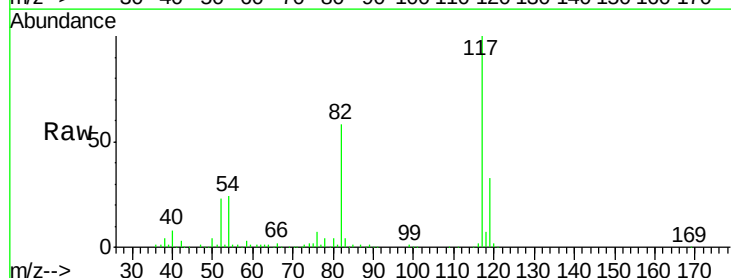
Tgt Ion: 117 Resp: 248714

Ion Ratio Lower Upper

117 100

82 58.3 45.1 67.7

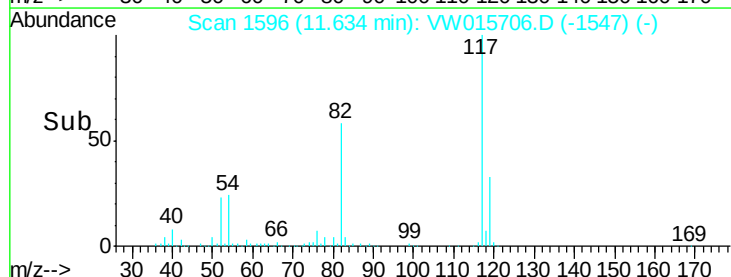
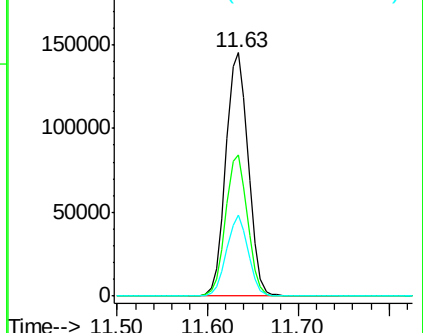
119 33.4 25.8 38.8

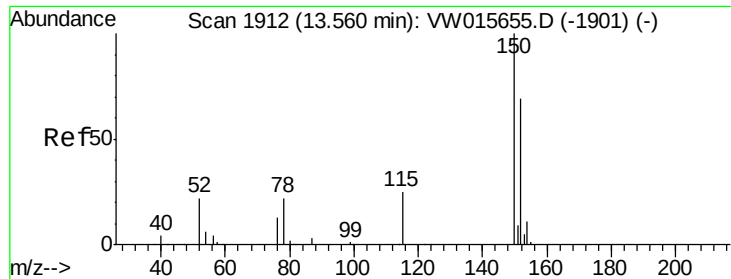


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



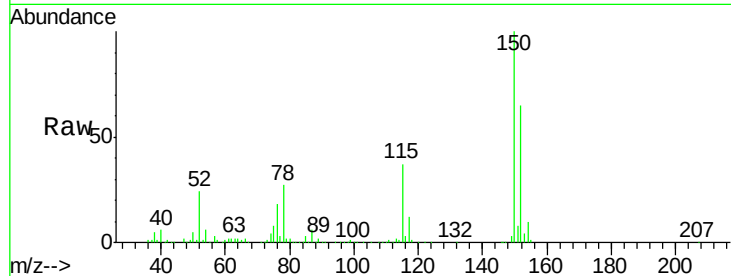


#72

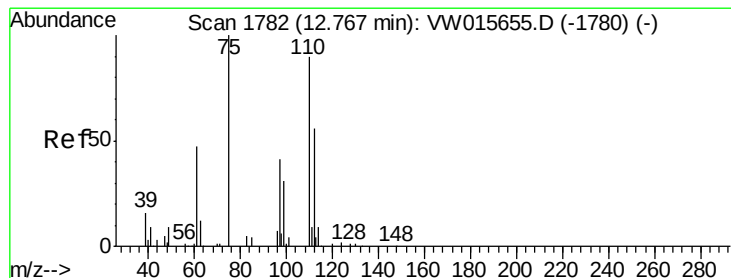
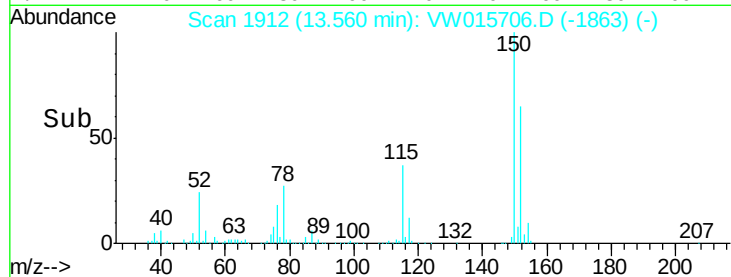
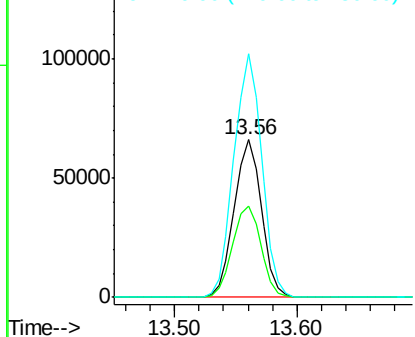
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015706.D
Acq: 25 Jun 2020 02:22

Instrument :
MSVOA_W
ClientSampled :
DUCT-BANK

Tgt Ion:152 Resp: 102231
Ion Ratio Lower Upper
152 100
115 59.9 30.1 90.5
150 157.8 0.0 345.6



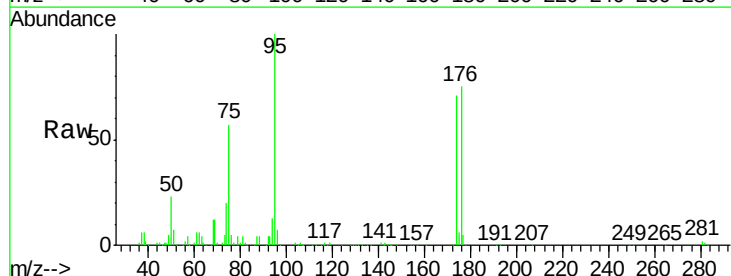
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



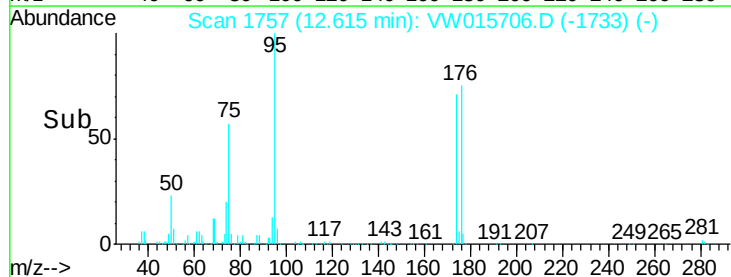
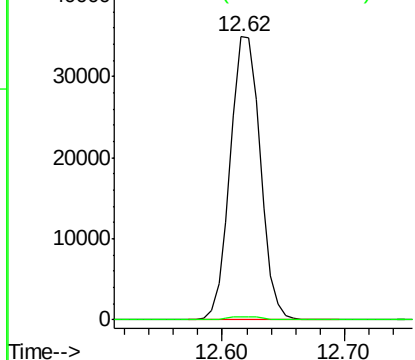
#76

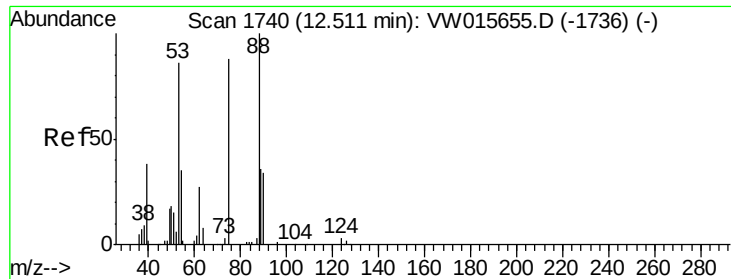
1,2,3-Trichloropropane
Concen: 63.699 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW015706.D
Acq: 25 Jun 2020 02:22

Tgt Ion: 75 Resp: 59399
Ion Ratio Lower Upper
75 100
77 1.4 179.1 537.1#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 160.522 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015706.D

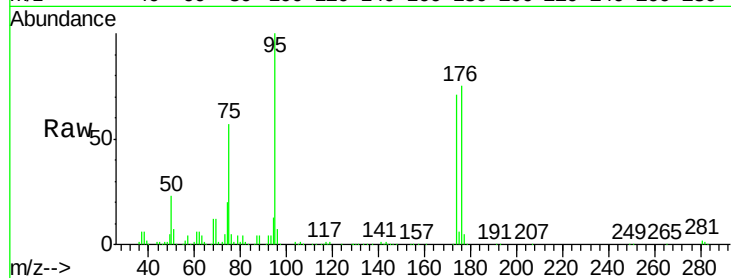
Acq: 25 Jun 2020 02:22

Instrument :

MSVOA_W

ClientSampleId :

DUCT-BANK



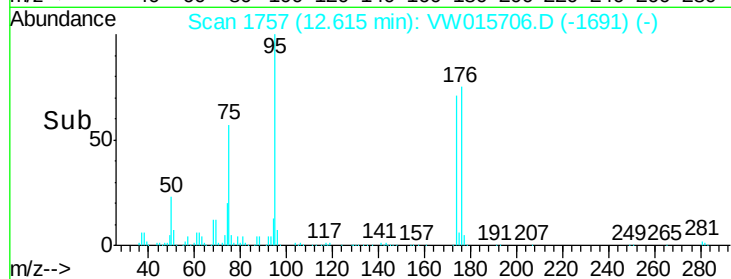
Tgt Ion: 75 Resp: 59399

Ion Ratio Lower Upper

75 100

53 0.0 83.8 125.8#

89 0.0 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

