

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
 Data File : VW015680.D
 Acq On : 24 Jun 2020 14:01
 Operator : SY/VA
 Sample : L3082-03
 Misc : 4.17G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3

Quant Time: Jun 25 02:03:42 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	156768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	274489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	255264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	105027	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	105494	60.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.96%	
35) Dibromofluoromethane	7.88	113	89351	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
50) Toluene-d8	10.32	98	343320	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.62	95	113098	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	

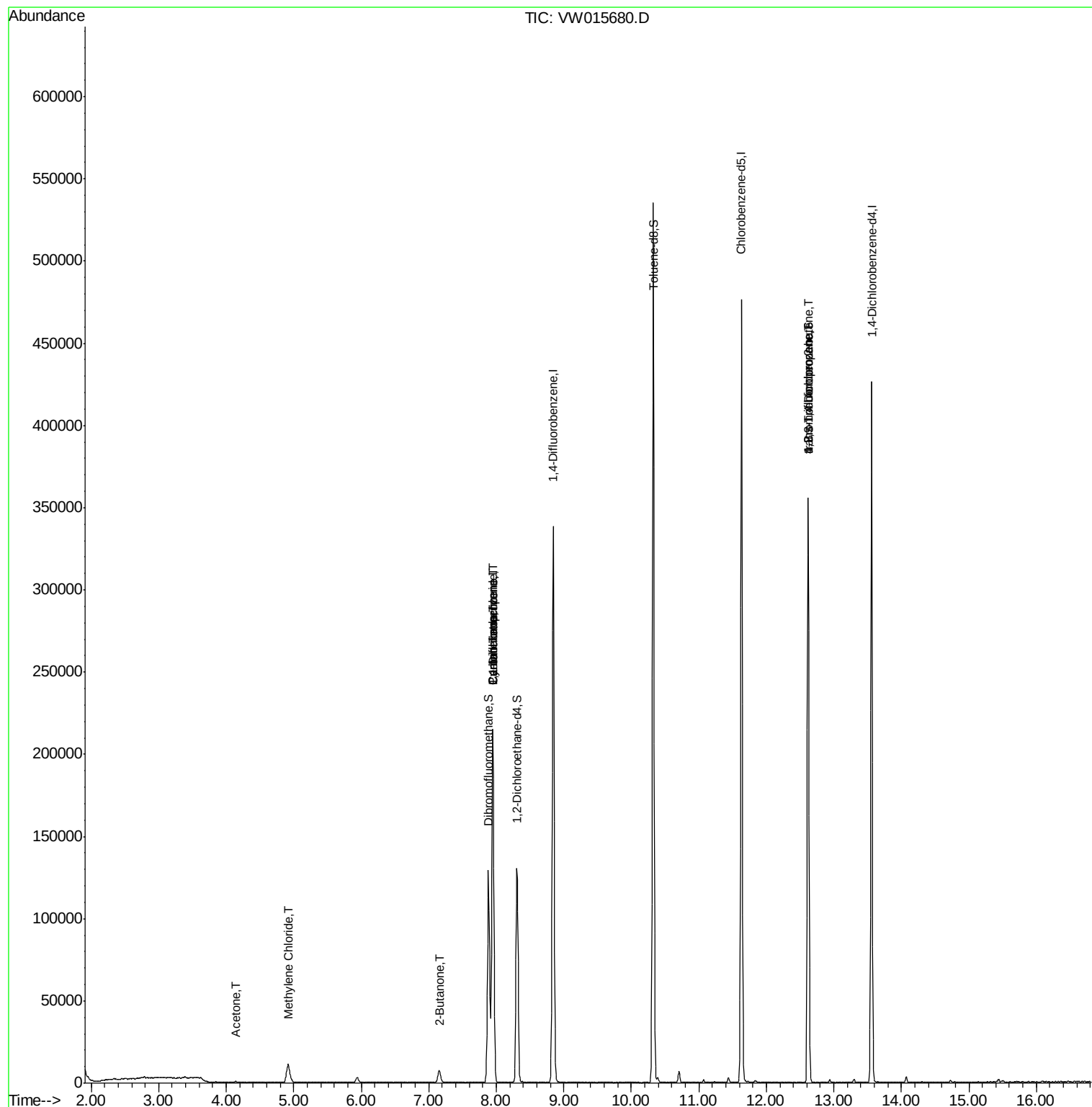
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.21	59	79	Below Cal	#	72
16) Acetone	4.14	43	987	2.977 ug/l	#	81
18) Methyl Acetate	4.68	43	43	Below Cal	#	52
20) Methylene Chloride	4.92	84	9141	1.213 ug/l		96
25) 2-Butanone	7.16	43	528	1.178 ug/l	#	49
31) Cyclohexane	7.95	56	3929	1.308 ug/l	#	17
36) 1,1-Dichloropropene	7.95	75	13334	4.670 ug/l	#	51
38) Carbon Tetrachloride	7.95	117	16289	5.886 ug/l	#	18
76) 1,2,3-Trichloropropane	12.62	75	61224	63.908 ug/l	#	1
81) trans-1,4-Dichloro-2-buten	12.62	75	61224	161.050 ug/l	#	8

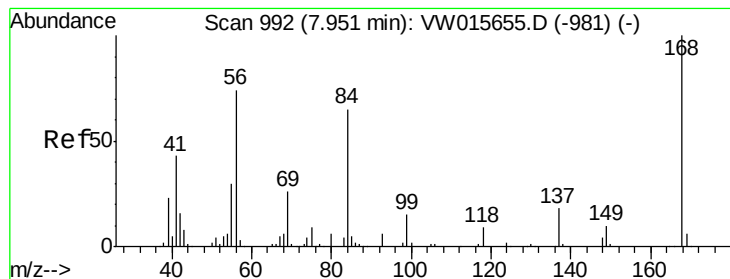
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015680.D

Acq: 24 Jun 2020 14:01

Instrument :

MSVOA_W

ClientSampled :

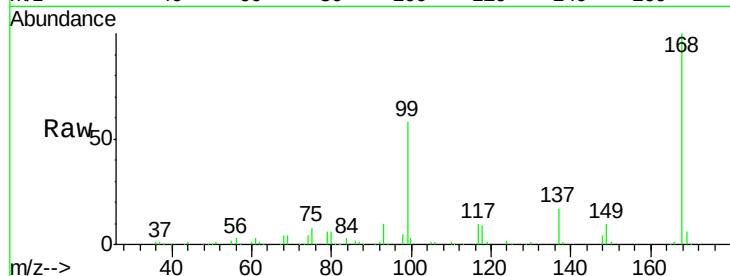
SB-3

Tgt Ion: 168 Resp: 156768

Ion Ratio Lower Upper

168 100

99 57.9 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

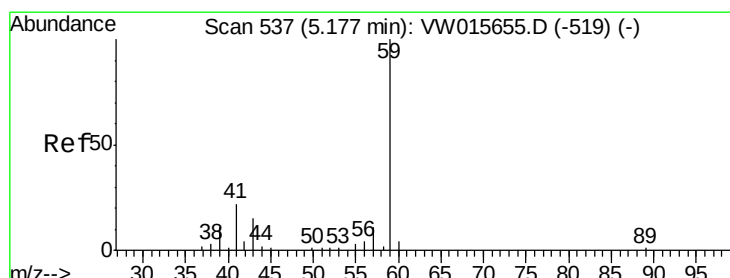
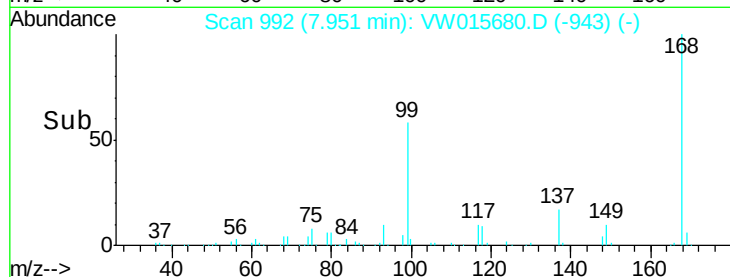
40000

20000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 543

Delta R.T. 0.04 min

Lab File: VW015680.D

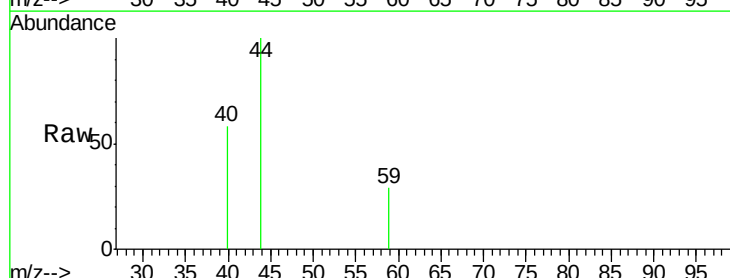
Acq: 24 Jun 2020 14:01

Tgt Ion: 59 Resp: 79

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

80

60

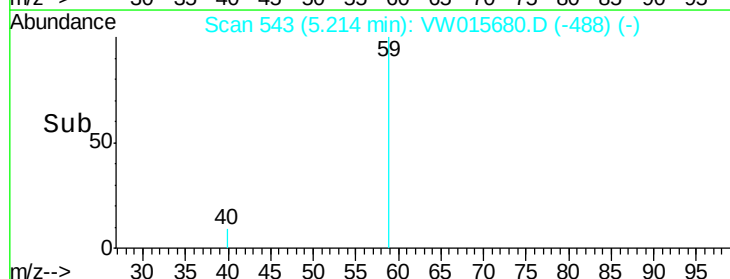
40

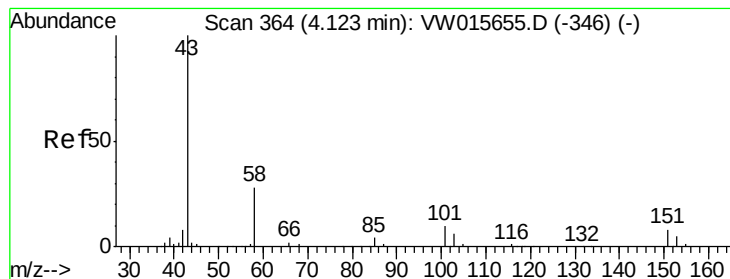
20

0

5.18 5.20 5.22 5.24

Time-->





#16

Acetone

Concen: 2.977 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW015680.D

Acq: 24 Jun 2020 14:01

Instrument :

MSVOA_W

ClientSampleId :

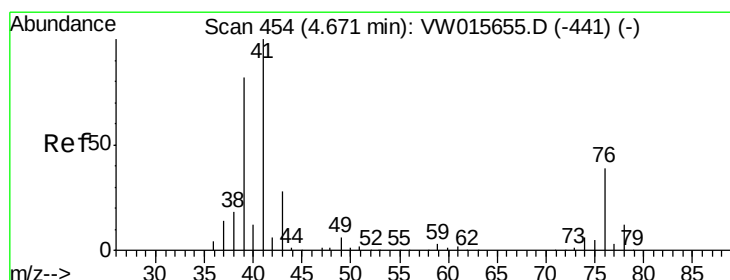
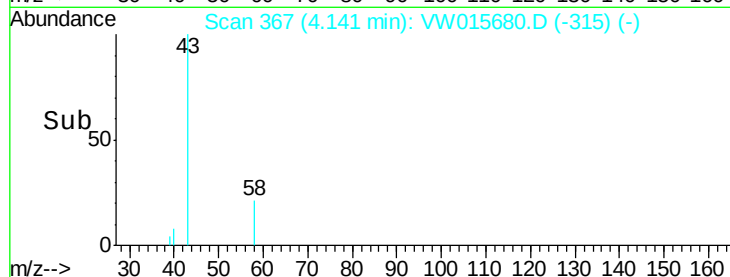
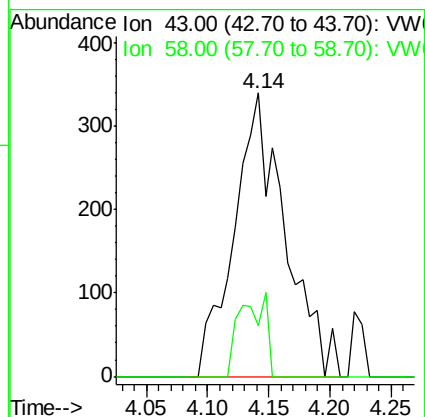
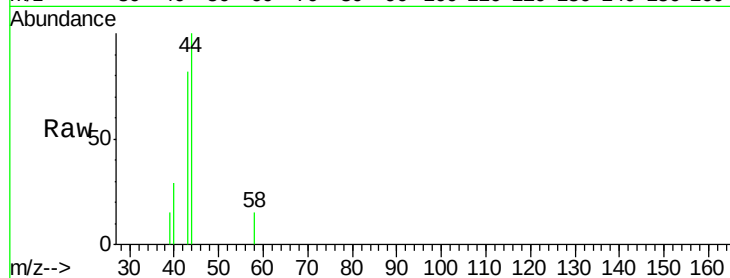
SB-3

Tgt Ion: 43 Resp: 987

Ion Ratio Lower Upper

43 100

58 17.9 22.6 33.8#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW015680.D

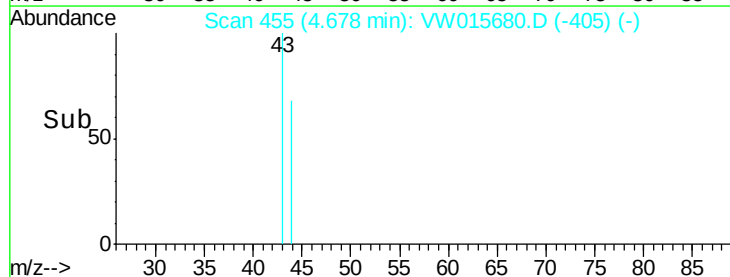
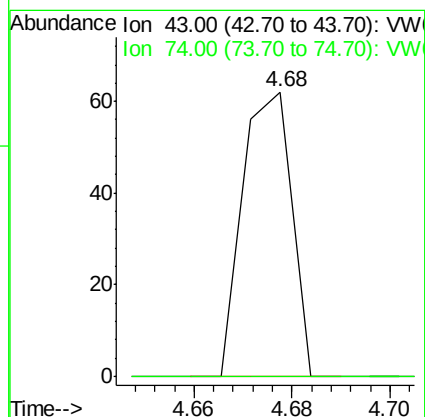
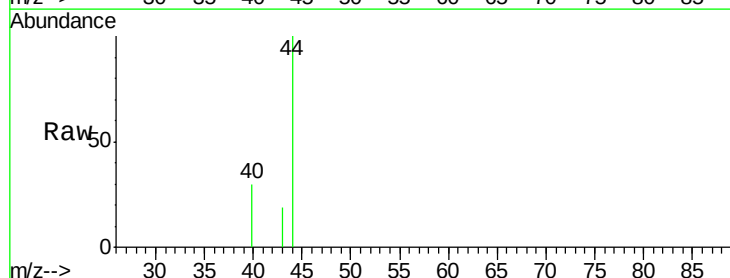
Acq: 24 Jun 2020 14:01

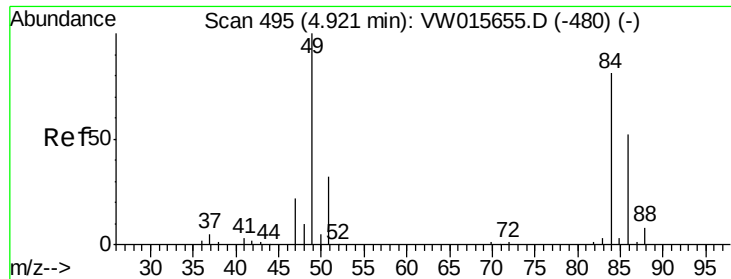
Tgt Ion: 43 Resp: 43

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.6#

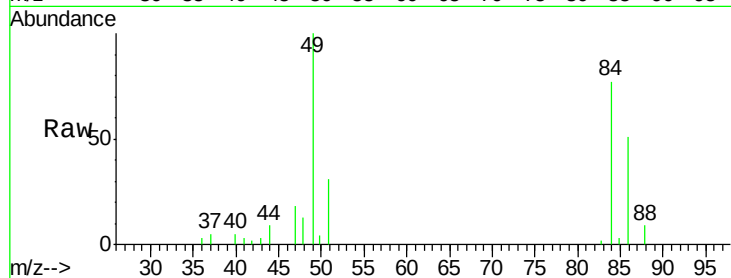




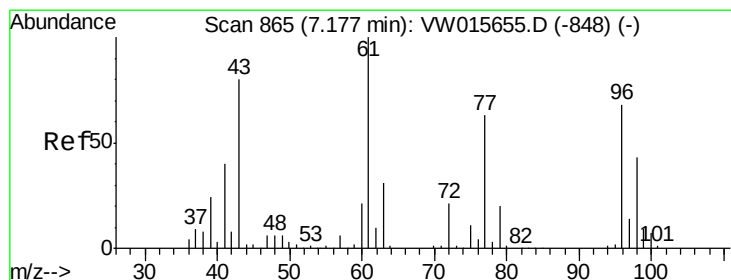
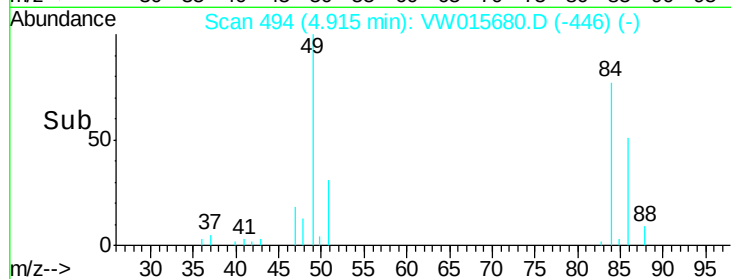
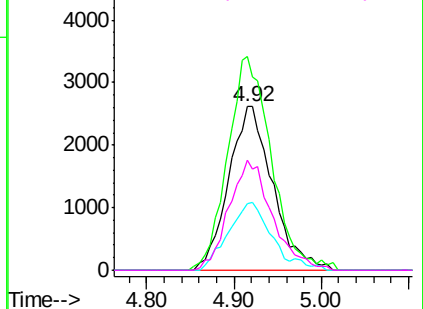
#20
Methylene Chloride
Concen: 1.213 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015680.D
Acq: 24 Jun 2020 14:01

Instrument :
MSVOA_W
ClientSampled :
SB-3

Tgt Ion: 84 Resp: 9141
Ion Ratio Lower Upper
84 100
49 130.4 99.3 148.9
51 40.3 31.8 47.6
86 66.9 51.7 77.5

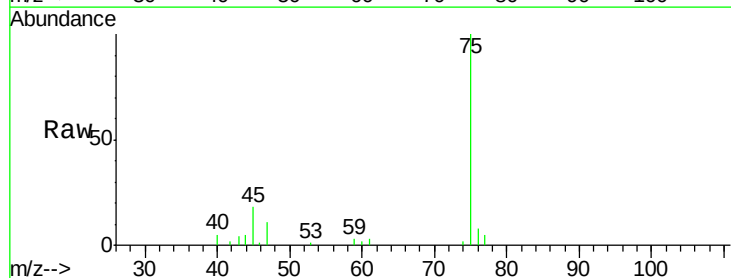


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

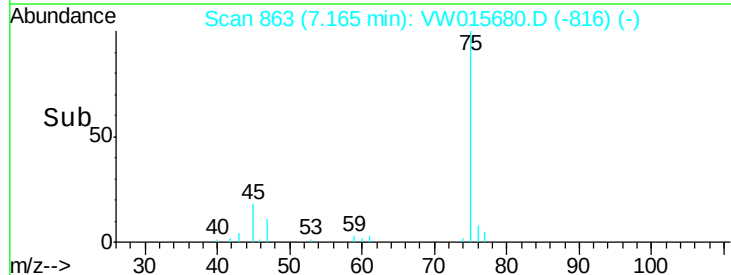
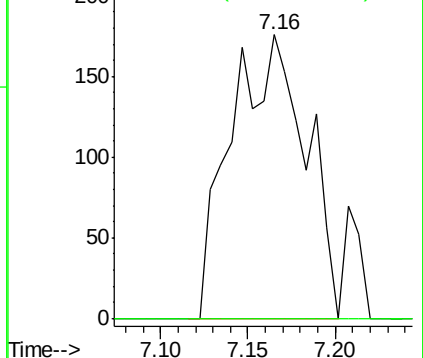


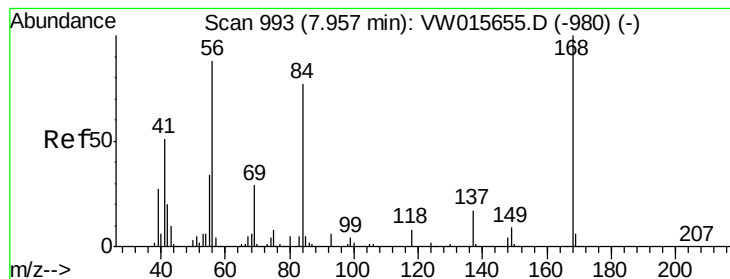
#25
2-Butanone
Concen: 1.178 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW015680.D
Acq: 24 Jun 2020 14:01

Tgt Ion: 43 Resp: 528
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.308 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015680.D

Acq: 24 Jun 2020 14:01

Instrument :

MSVOA_W

ClientSampled :

SB-3

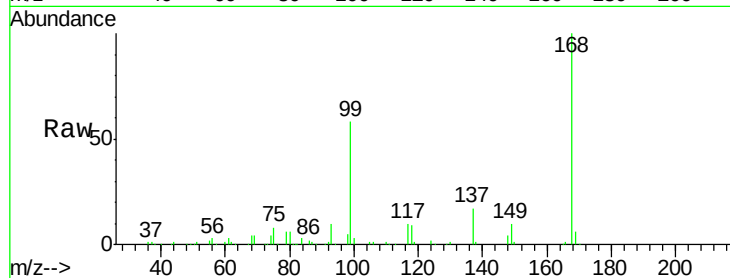
Tgt Ion: 56 Resp: 3929

Ion Ratio Lower Upper

56 100

69 150.5 26.2 39.4#

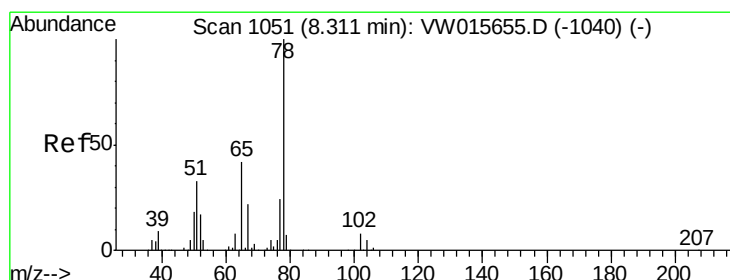
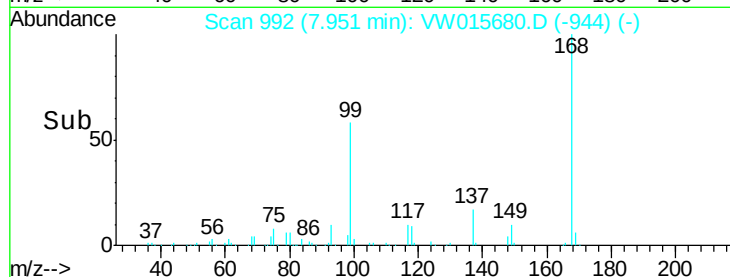
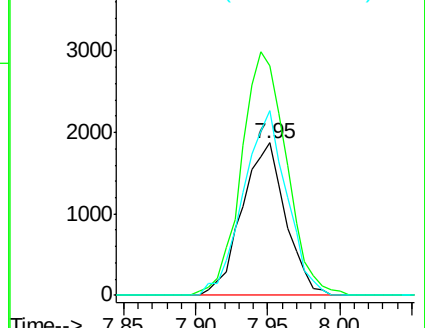
84 121.0 70.4 105.6#



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: 60.481 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015680.D

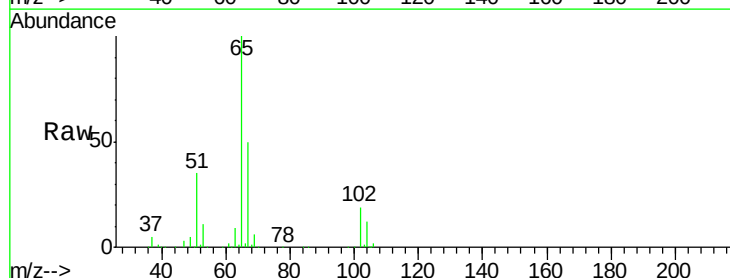
Acq: 24 Jun 2020 14:01

Tgt Ion: 65 Resp: 105494

Ion Ratio Lower Upper

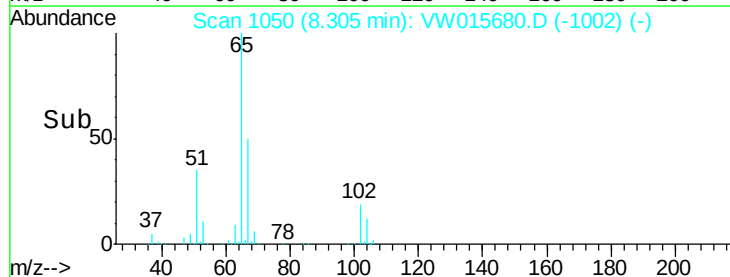
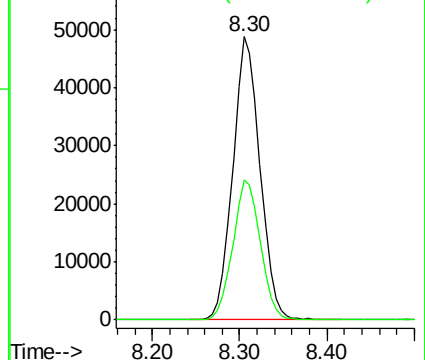
65 100

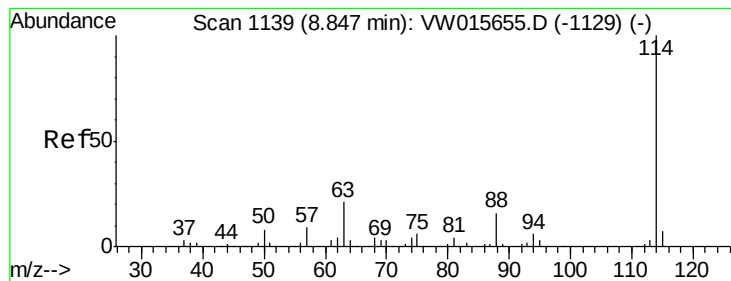
67 50.1 0.0 102.2



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: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW015680.D

Acq: 24 Jun 2020 14:01

Instrument :

MSVOA_W

ClientSampleId :

SB-3

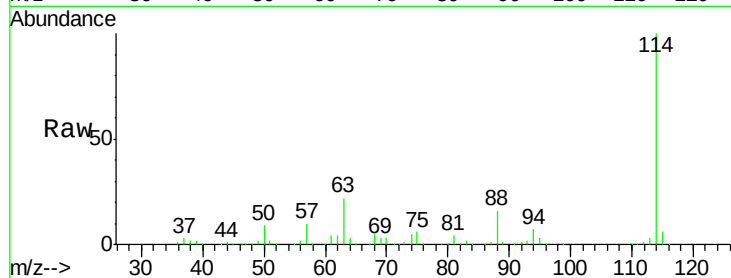
Tgt Ion:114 Resp: 274489

Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.4

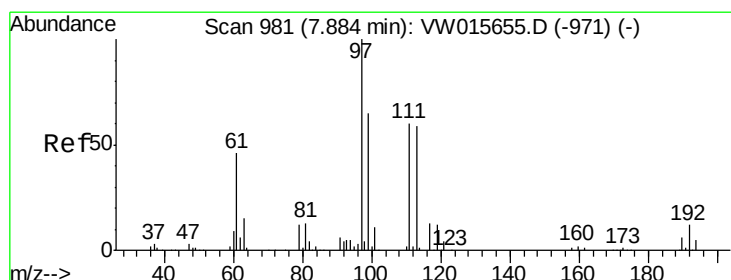
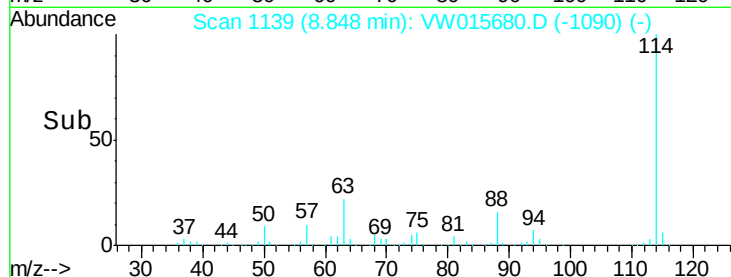
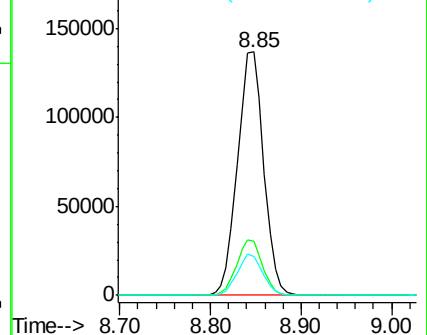
88 16.2 0.0 32.6



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: 51.749 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015680.D

Acq: 24 Jun 2020 14:01

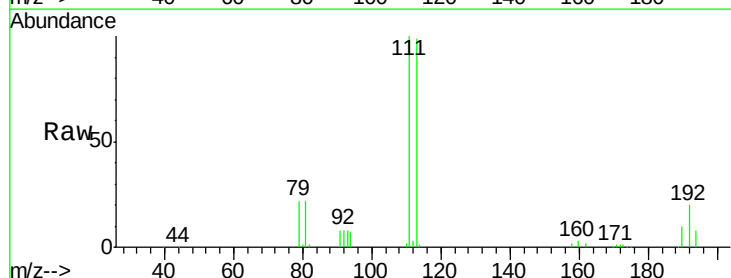
Tgt Ion:113 Resp: 89351

Ion Ratio Lower Upper

113 100

111 105.1 82.3 123.5

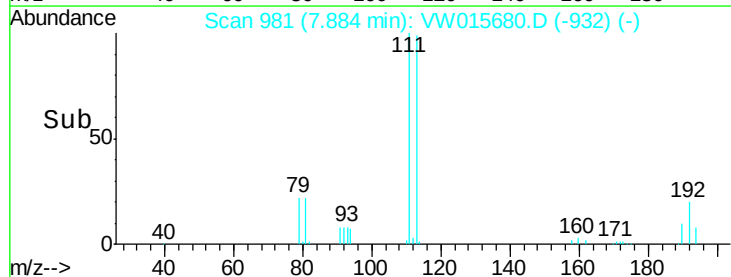
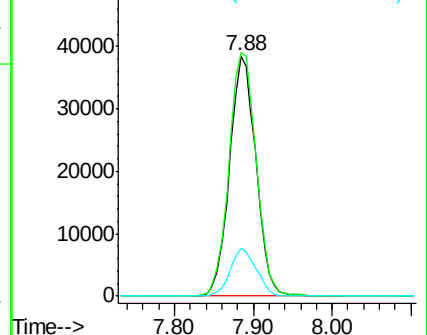
192 19.7 16.4 24.6

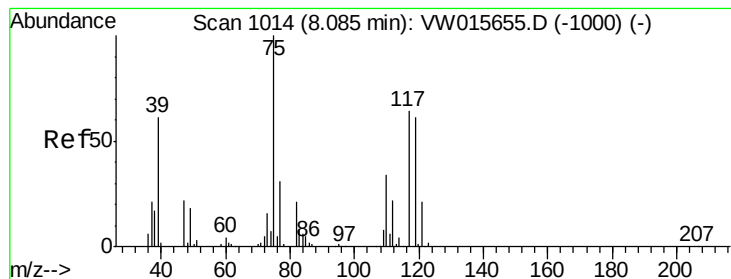


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

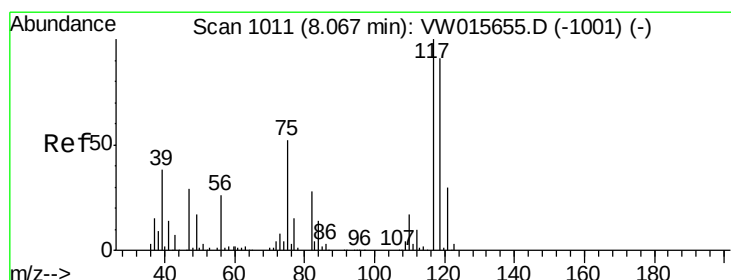
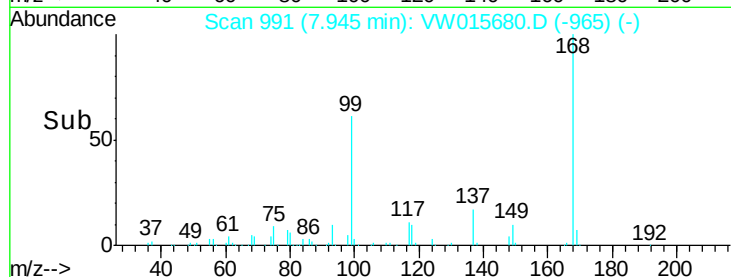
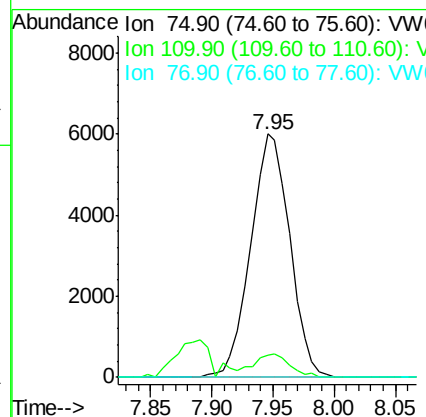
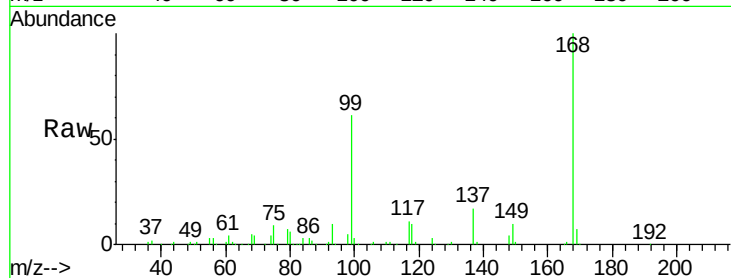




#36
 1,1-Dichloropropene
 Concen: 4.670 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015680.D
 Acq: 24 Jun 2020 14:01

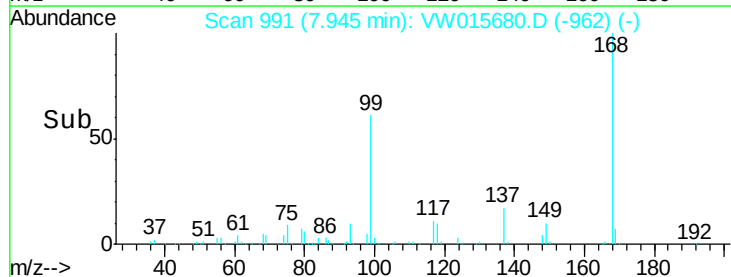
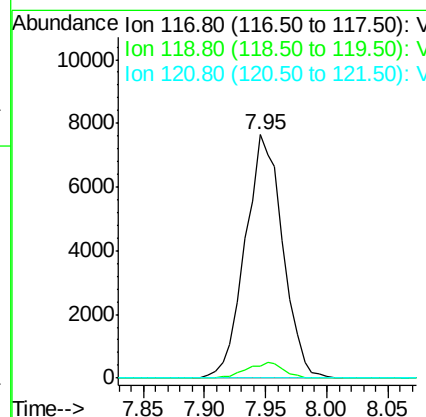
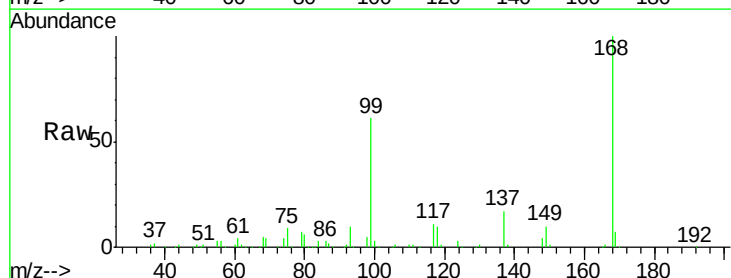
Instrument :
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 SB-3

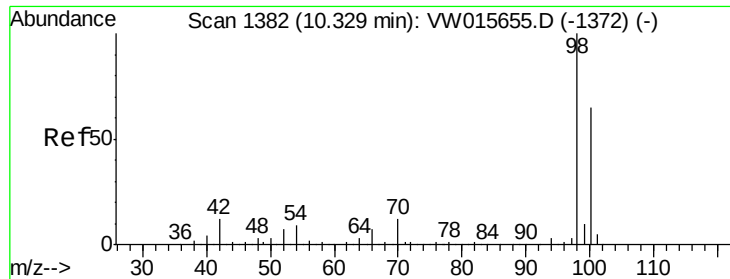
Tgt Ion: 75 Resp: 13334
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.0 51.0#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.886 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW015680.D
 Acq: 24 Jun 2020 14:01

Tgt Ion: 117 Resp: 16289
 Ion Ratio Lower Upper
 117 100
 119 5.1 73.2 109.8#
 121 0.0 23.9 35.9#

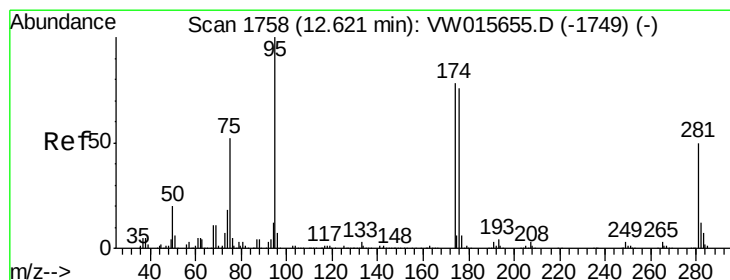
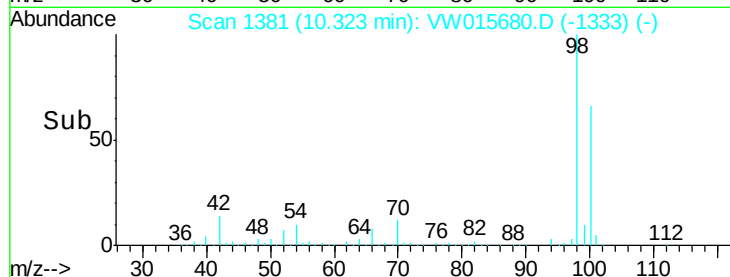
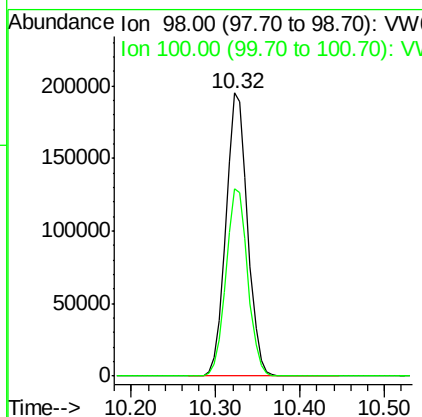
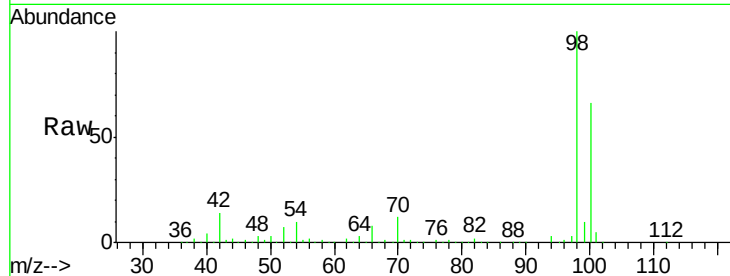




#50
Toluene-d8
Concen: 50.526 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015680.D
Acq: 24 Jun 2020 14:01

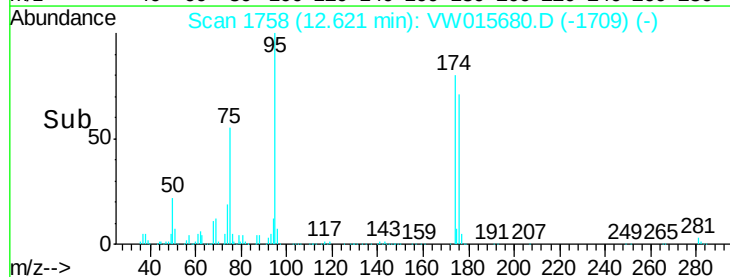
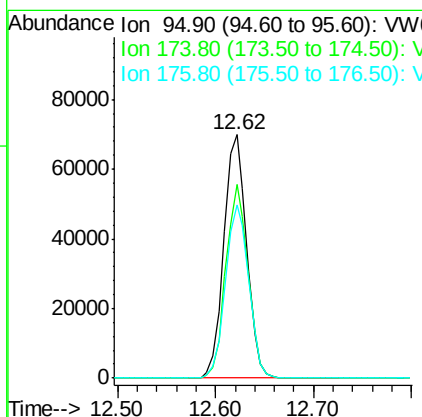
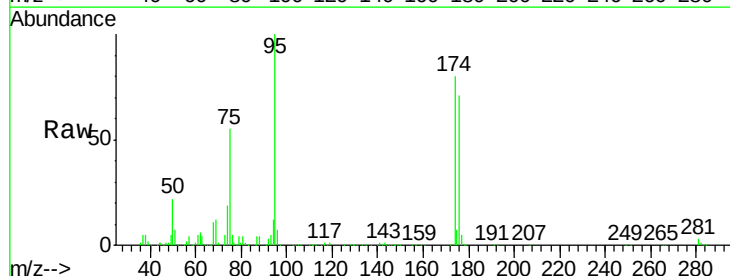
Instrument :
MSVOA_W
ClientSampled :
SB-3

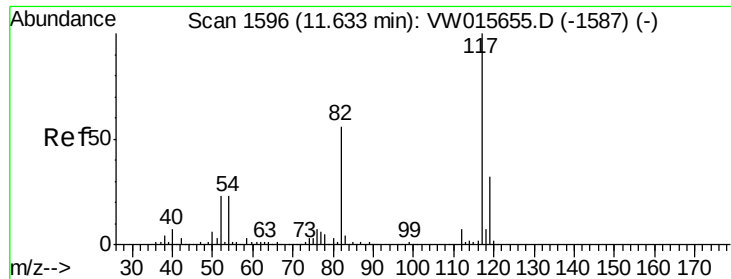
Tgt Ion: 98 Resp: 343320
Ion Ratio Lower Upper
98 100
100 66.9 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.196 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW015680.D
Acq: 24 Jun 2020 14:01

Tgt Ion: 95 Resp: 113098
Ion Ratio Lower Upper
95 100
174 77.4 0.0 157.0
176 72.4 0.0 151.4

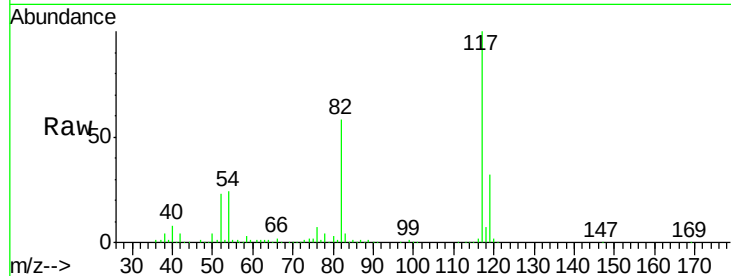




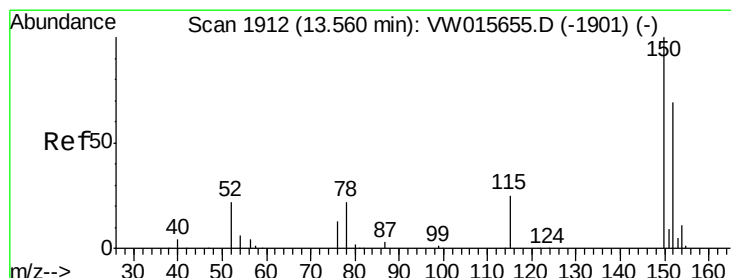
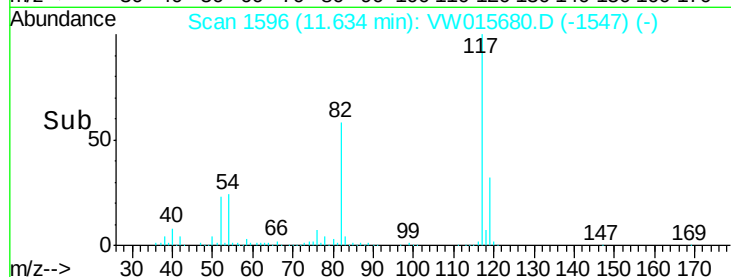
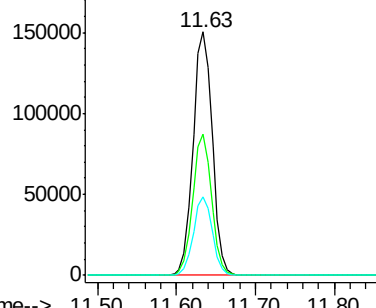
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015680.D
Acq: 24 Jun 2020 14:01

Instrument :
MSVOA_W
ClientSampled :
SB-3

Tgt Ion:117 Resp: 255264
Ion Ratio Lower Upper
117 100
82 58.0 45.1 67.7
119 32.2 25.8 38.8

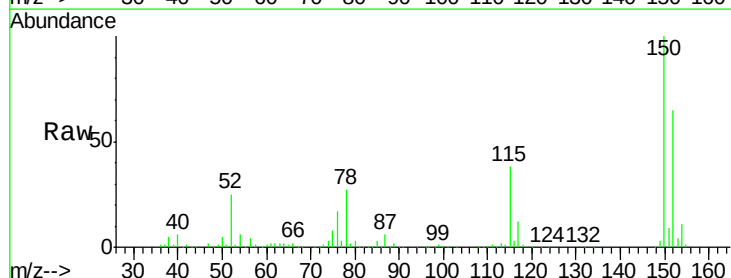


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

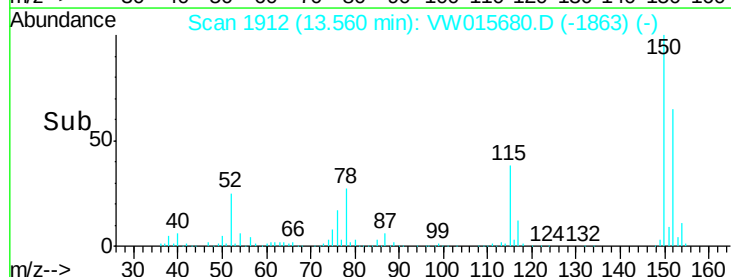
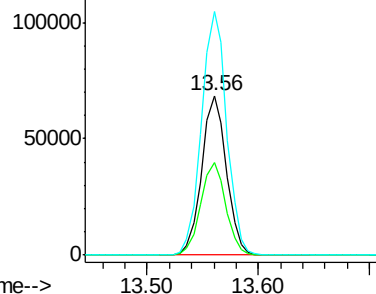


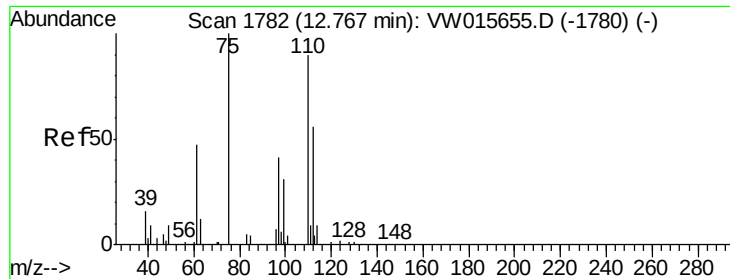
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015680.D
Acq: 24 Jun 2020 14:01

Tgt Ion:152 Resp: 105027
Ion Ratio Lower Upper
152 100
115 59.1 30.1 90.5
150 155.6 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: 63.908 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015680.D

Acq: 24 Jun 2020 14:01

Instrument :

MSVOA_W

ClientSampleId :

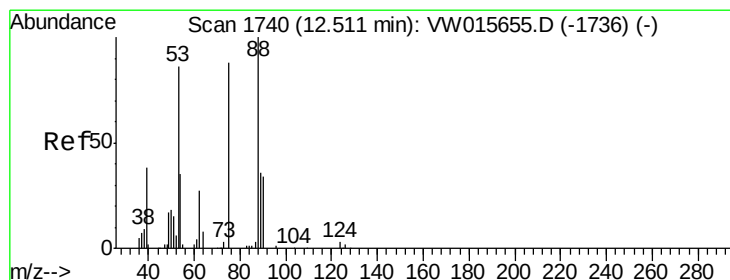
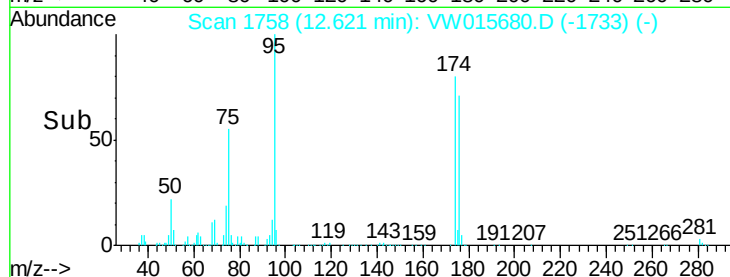
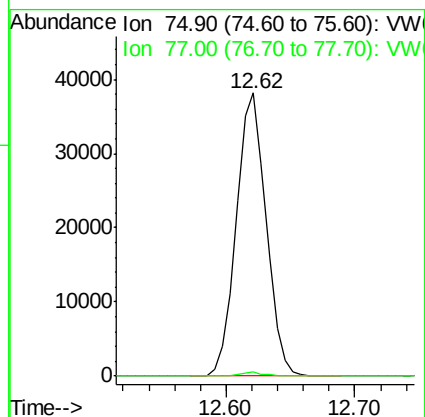
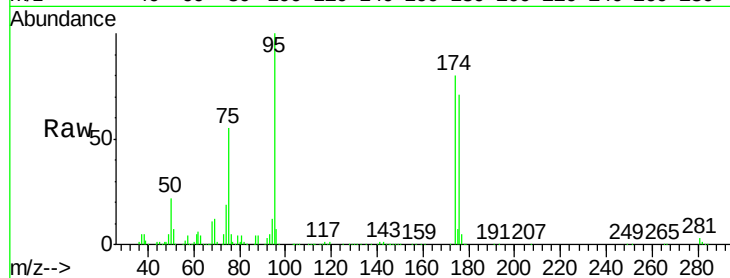
SB-3

Tgt Ion: 75 Resp: 61224

Ion Ratio Lower Upper

75 100

77 1.2 179.1 537.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 161.050 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015680.D

Acq: 24 Jun 2020 14:01

Tgt Ion: 75 Resp: 61224

Ion Ratio Lower Upper

75 100

53 0.0 83.8 125.8#

89 0.0 36.6 55.0#

