

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020719\
 Data File : VW008563.D
 Acq On : 07 Feb 2019 19:57
 Operator : SY/VA
 Sample : K1390-15
 Misc : 4.05G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DUPE-Y

Quant Time: Feb 08 22:43:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	537812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	874124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	811019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	413410	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	292647	55.39	ug/l	0.00
Spiked Amount			Recovery	=	110.78%	
35) Dibromofluoromethane	7.88	113	271334	53.09	ug/l	0.00
Spiked Amount			Recovery	=	106.18%	
50) Toluene-d8	10.32	98	1049534	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.62	95	402873	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	

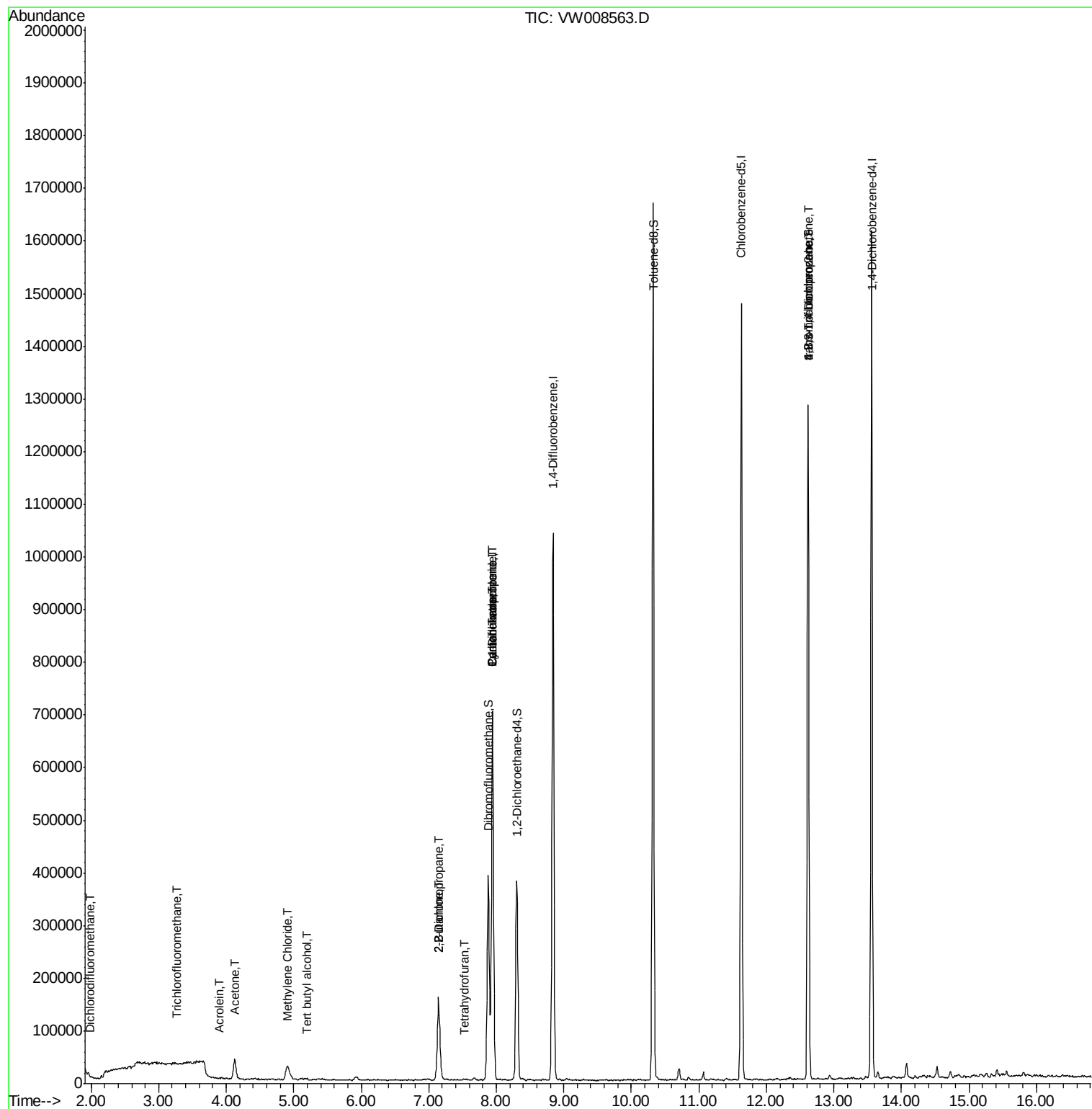
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	141	3.295	ug/l #	41
7) Trichlorofluoromethane	3.26	101	113	4.746	ug/l #	1
11) Tert butyl alcohol	5.20	59	4161	9.782	ug/l	95
13) Acrolein	3.88	56	76	4.384	ug/l #	14
16) Acetone	4.13	43	67316	56.736	ug/l	96
20) Methylene Chloride	4.90	84	24471	4.475	ug/l	88
25) 2-Butanone	7.15	43	9188	5.575	ug/l #	72
26) 2,2-Dichloropropane	7.15	77	10203	1.505	ug/l #	54
29) Tetrahydrofuran	7.54	42	1446	1.385	ug/l #	69
31) Cyclohexane	7.94	56	12769	1.231	ug/l #	22
36) 1,1-Dichloropropene	7.94	75	39239	4.752	ug/l #	50
38) Carbon Tetrachloride	7.94	117	49989	6.016	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	208161	57.914	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	208161	114.385	ug/l #	12

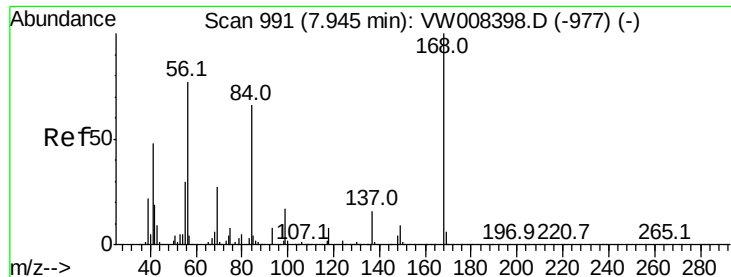
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008563.D

Acq: 07 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampled :

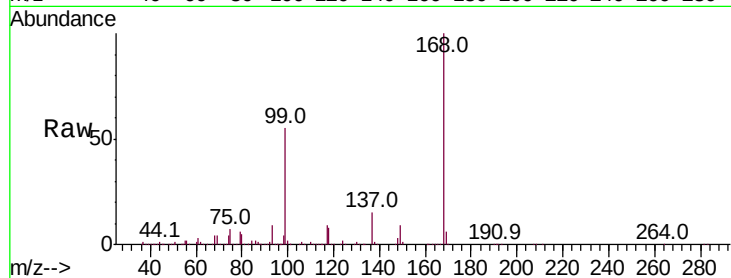
DUPE-Y

Tot Ion:168 Resp: 537812

Ion Ratio Lower Upper

168 100

99 55.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

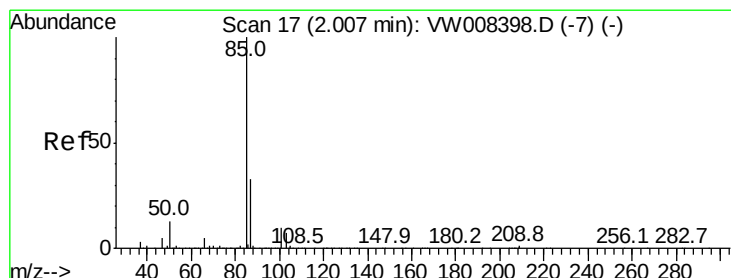
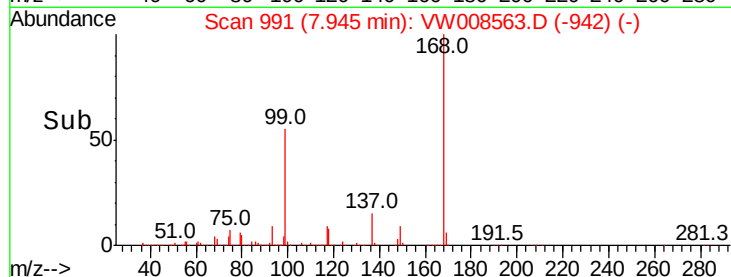
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 3.295 ug/l

RT: 1.99 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW008563.D

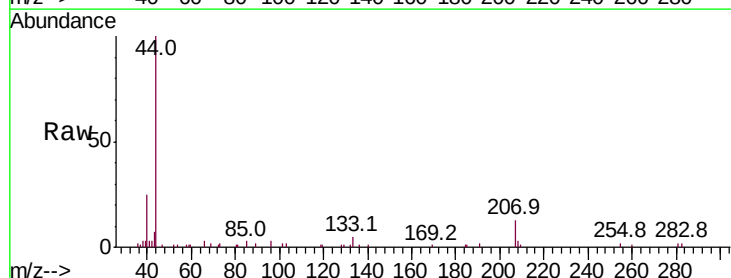
Acq: 07 Feb 2019 19:57

Tgt Ion: 85 Resp: 141

Ion Ratio Lower Upper

85 100

87 0.0 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

1.99

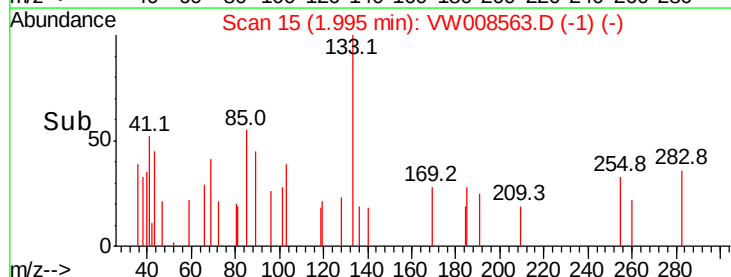
150

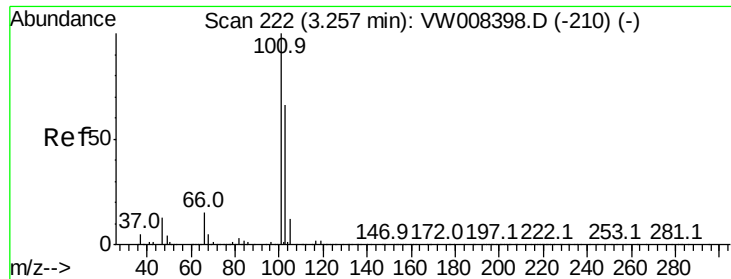
100

50

0

Time--> 1.98 2.00 2.02



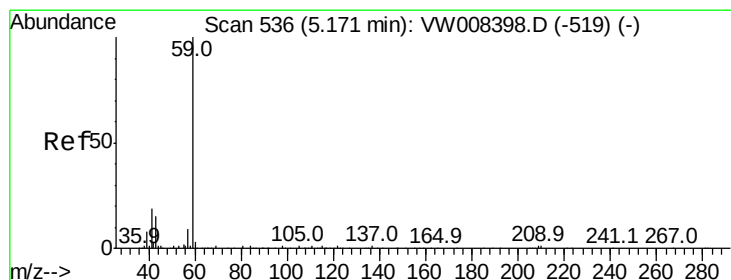
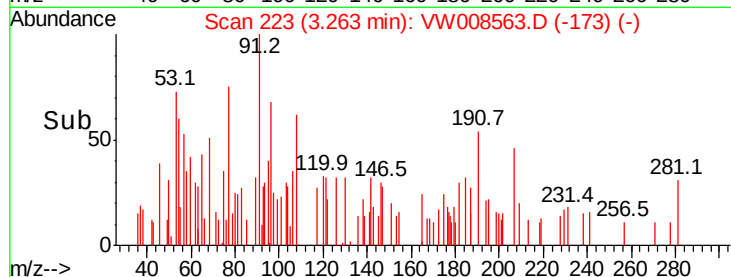
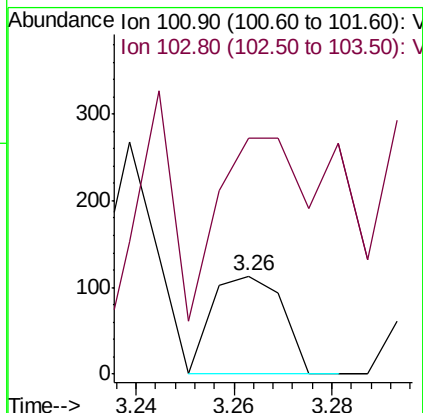
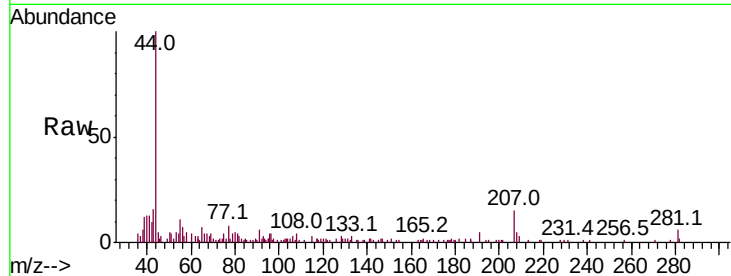


#7

Trichlorofluoromethane
Concen: 4.746 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
Lab File: VW008563.D
Acq: 07 Feb 2019 19:57

Instrument :
MSVOA_W
ClientSampleId :
DUPE-Y

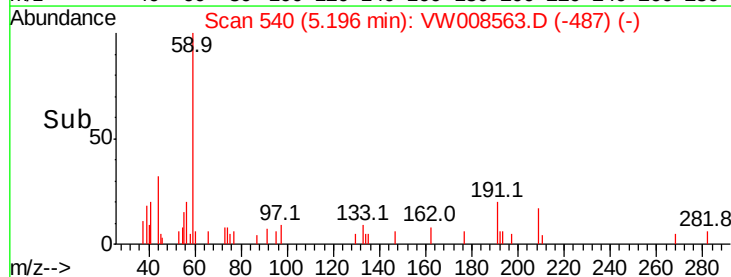
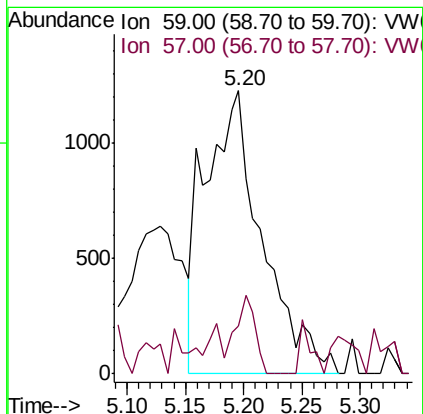
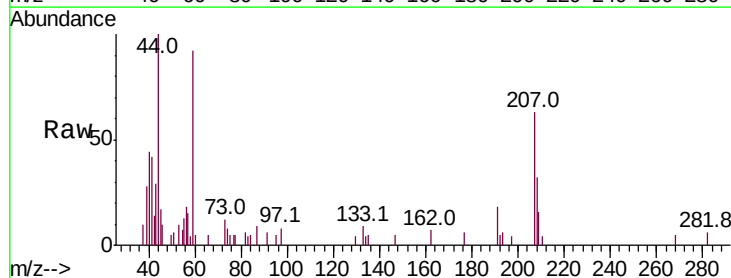
Tot Ion:101 Resp: 113
Ion Ratio Lower Upper
101 100
103 186.7 52.5 78.7#

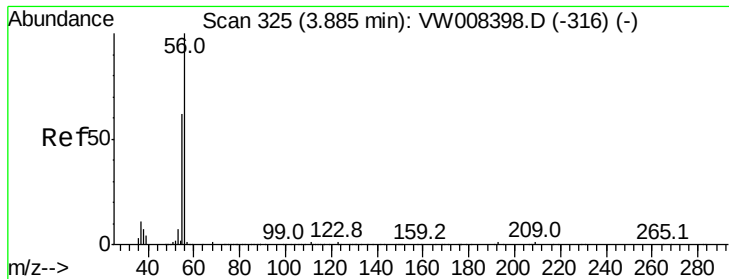


#11

Tert butyl alcohol
Concen: 9.782 ug/l
RT: 5.20 min Scan# 540
Delta R.T. 0.02 min
Lab File: VW008563.D
Acq: 07 Feb 2019 19:57

Tgt Ion: 59 Resp: 4161
Ion Ratio Lower Upper
59 100
57 9.5 9.3 13.9





#13

Acrolein

Concen: 4.384 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.00 min

Lab File: VW008563.D

Acq: 07 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

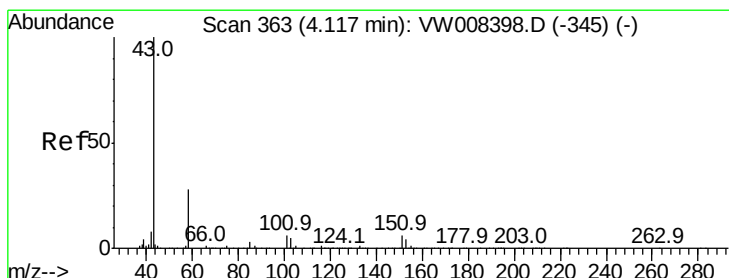
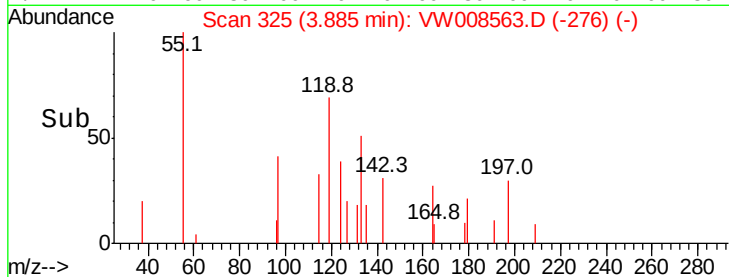
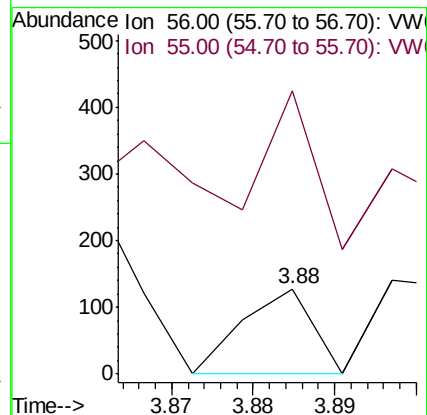
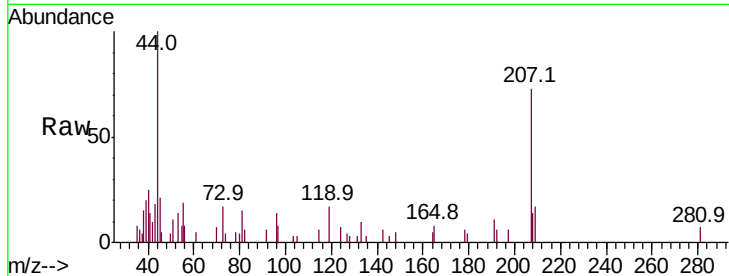
DUPE-Y

Tot Ion: 56 Resp: 76

Ion Ratio Lower Upper

56 100

55 0.0 56.7 85.1#



#16

Acetone

Concen: 56.736 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008563.D

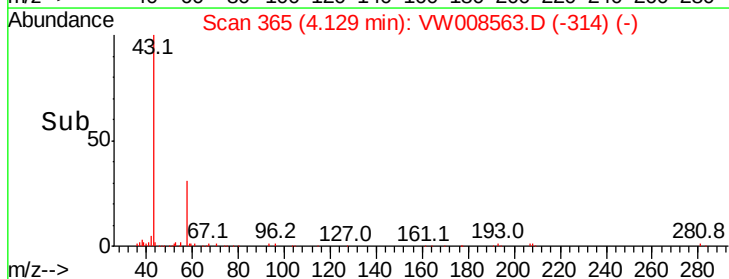
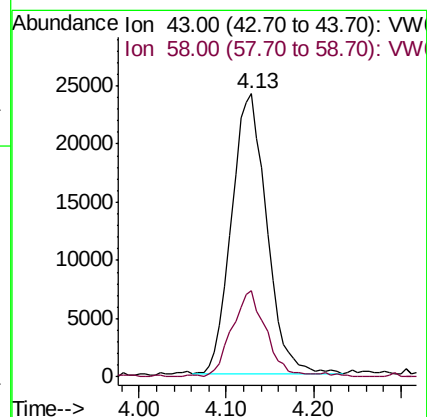
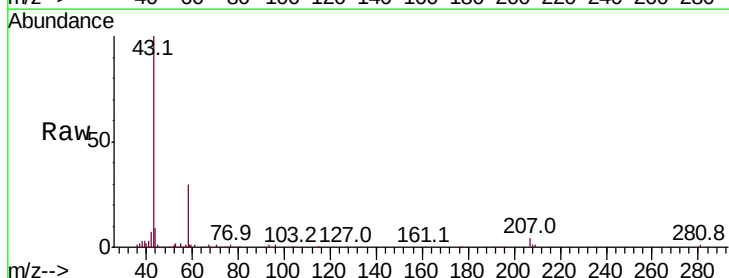
Acq: 07 Feb 2019 19:57

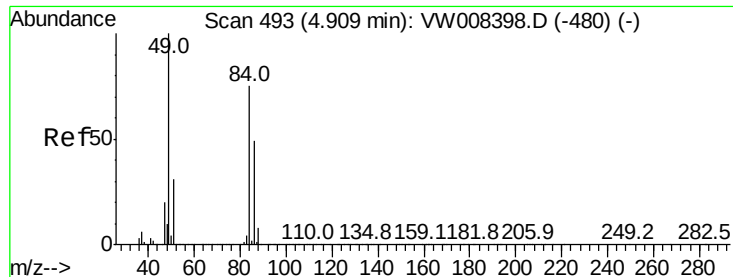
Tgt Ion: 43 Resp: 67316

Ion Ratio Lower Upper

43 100

58 30.2 22.6 34.0

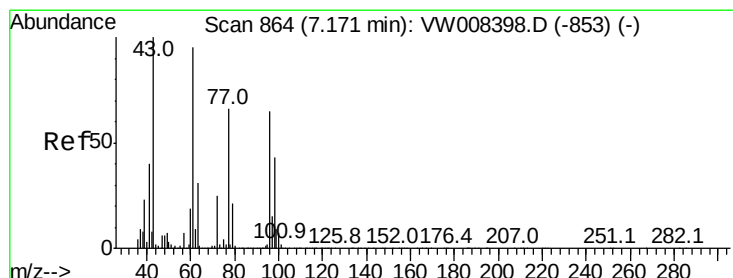
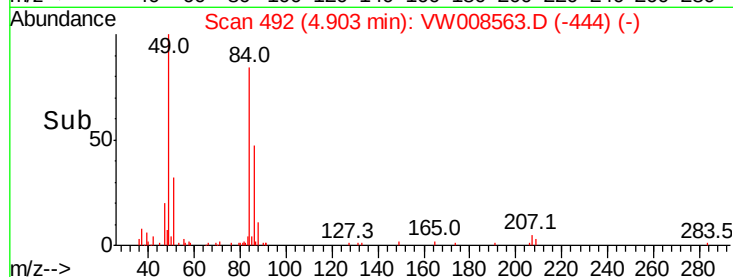
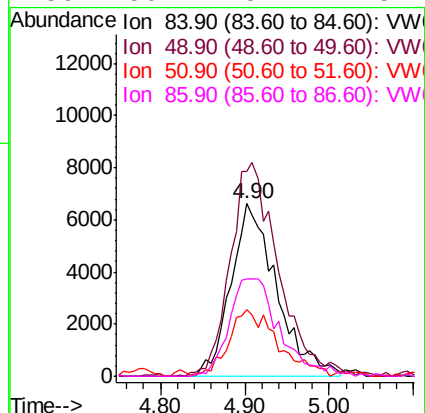
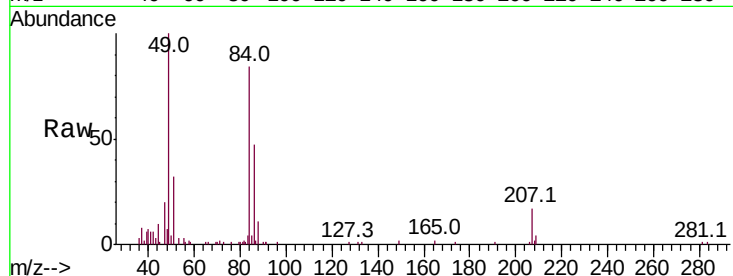




#20
Methylene Chloride
Concen: 4.475 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008563.D
Acq: 07 Feb 2019 19:57

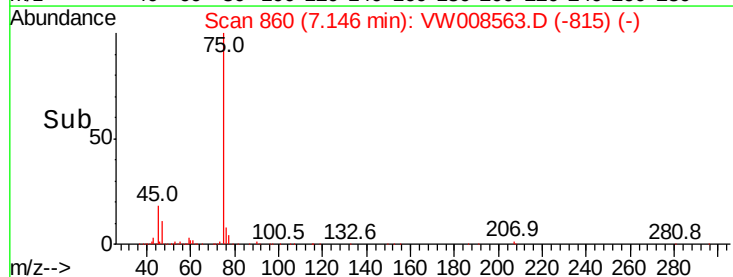
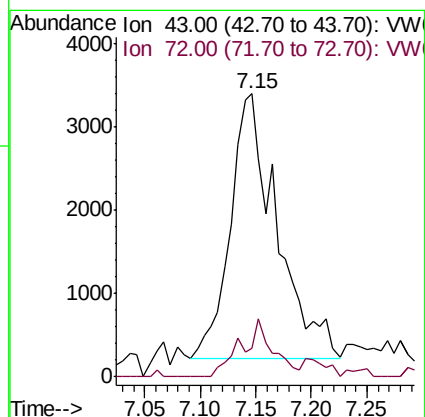
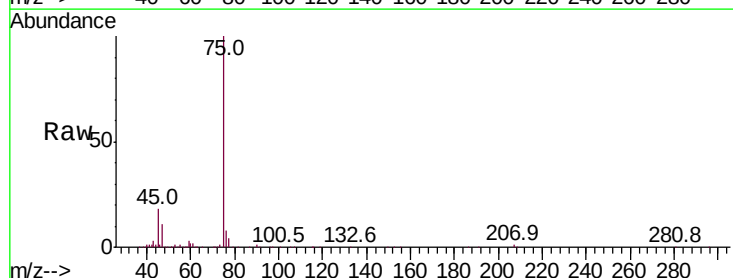
Instrument :
MSVOA_W
ClientSampled :
DUPE-Y

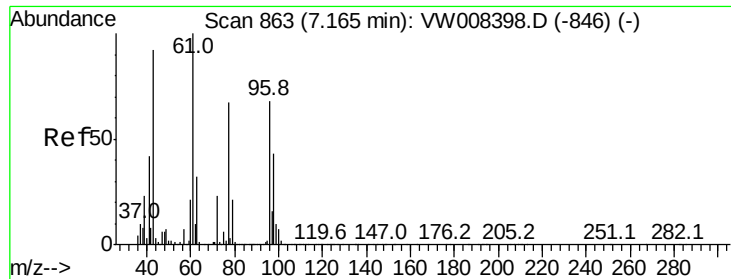
Tot Ion:	84	Resp:	24471
Ion	Ratio	Lower	Upper
84	100		
49	116.5	106.8	160.2
51	37.6	32.9	49.3
86	56.2	52.2	78.2



#25
2-Butanone
Concen: 5.575 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW008563.D
Acq: 07 Feb 2019 19:57

Tgt Ion:	43	Resp:	9188
Ion	Ratio	Lower	Upper
43	100		
72	10.9	20.1	30.1#

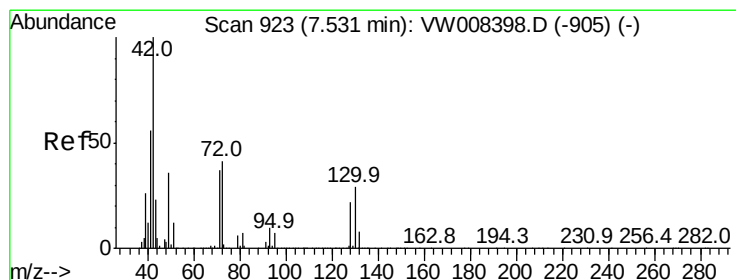
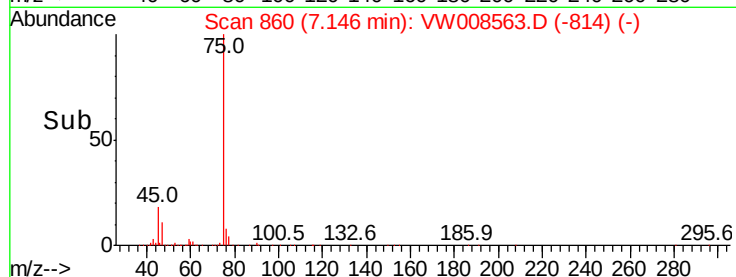
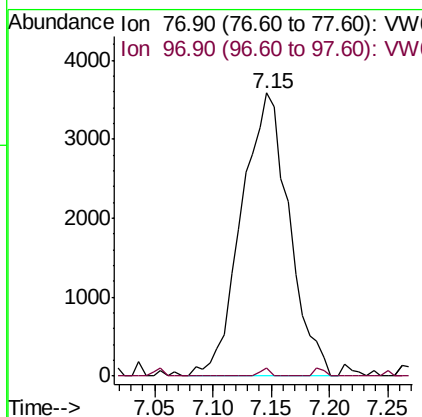
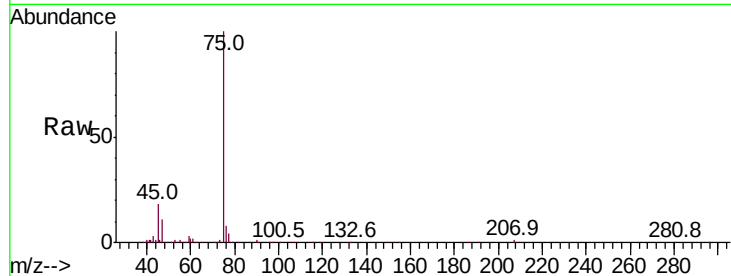




#26
 2,2-Dichloropropane
 Concen: 1.505 ug/l
 RT: 7.15 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: VW008563.D
 Acq: 07 Feb 2019 19:57

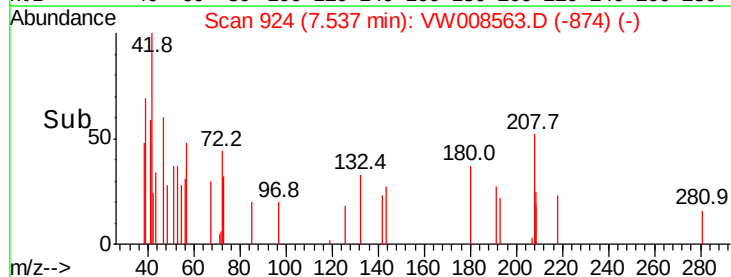
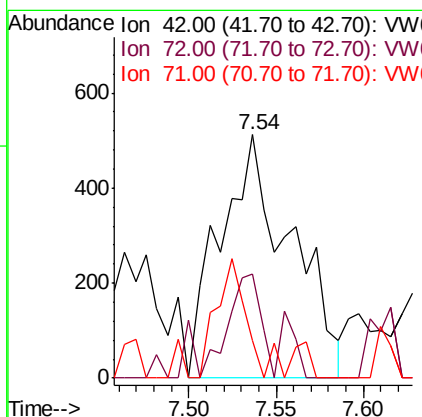
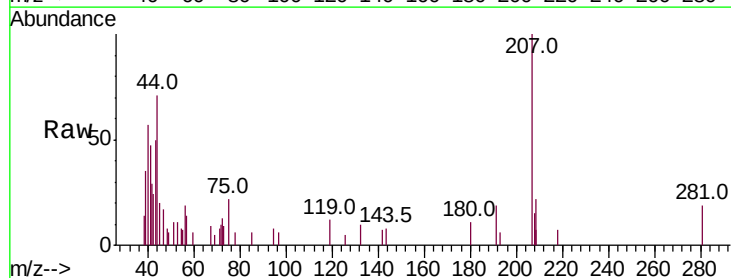
Instrument :
 MSVOA_W
 ClientSampleId :
 DUPE-Y

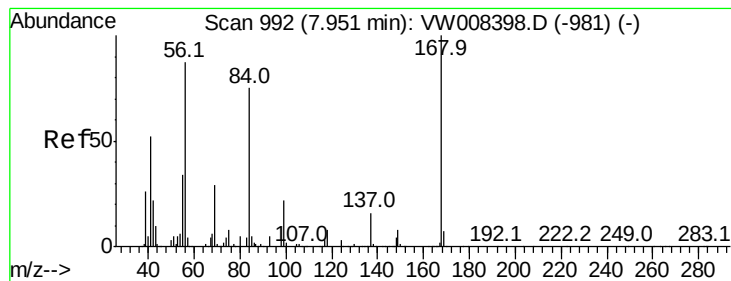
Tot Ion: 77 Resp: 10203
 Ion Ratio Lower Upper
 77 100
 97 0.6 11.5 34.5#



#29
 Tetrahydrofuran
 Concen: 1.385 ug/l
 RT: 7.54 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: VW008563.D
 Acq: 07 Feb 2019 19:57

Tgt Ion: 42 Resp: 1446
 Ion Ratio Lower Upper
 42 100
 72 19.9 31.9 47.9#
 71 19.8 29.9 44.9#





#31

Cyclohexane

Concen: 1.231 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW008563.D

Acq: 07 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

DUPE-Y

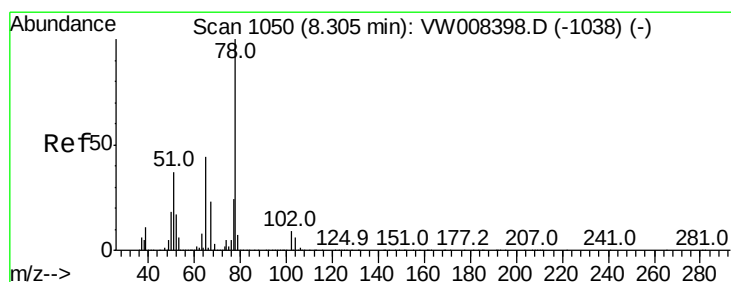
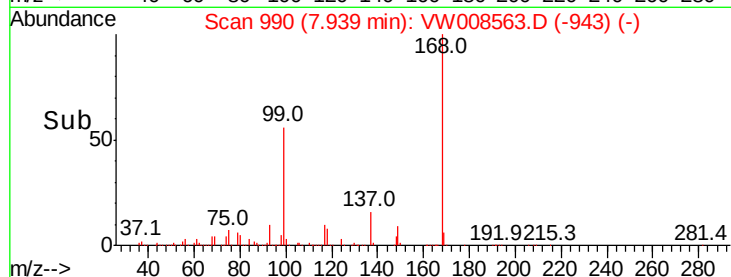
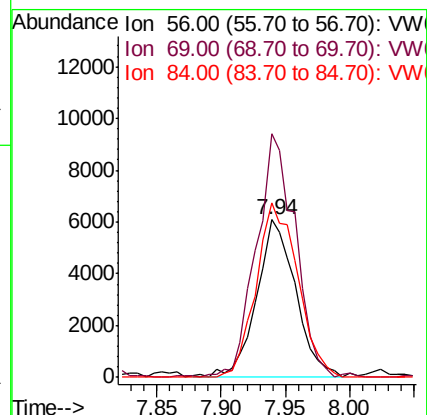
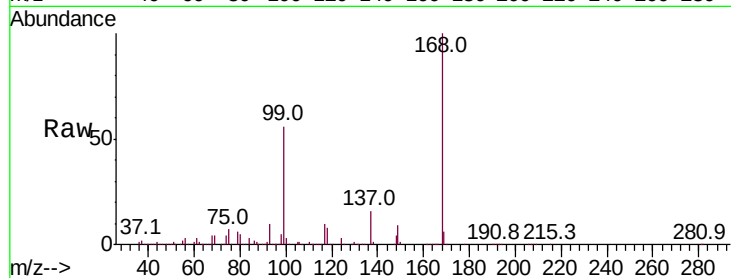
Tot Ion: 56 Resp: 12769

Ion Ratio Lower Upper

56 100

69 153.2 26.4 39.6#

84 110.8 69.1 103.7#



#33

1,2-Dichloroethane-d4

Concen: 55.389 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008563.D

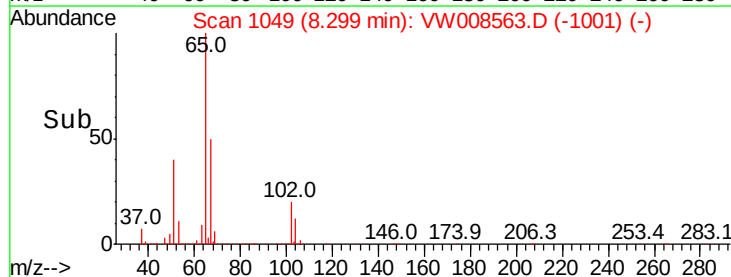
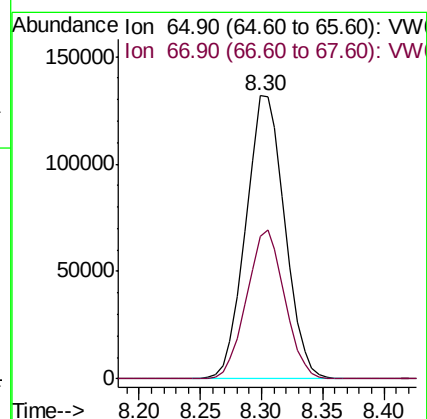
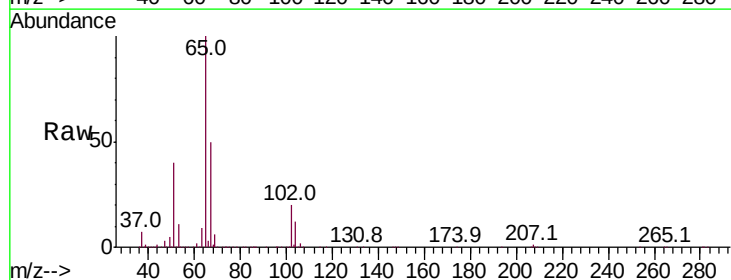
Acq: 07 Feb 2019 19:57

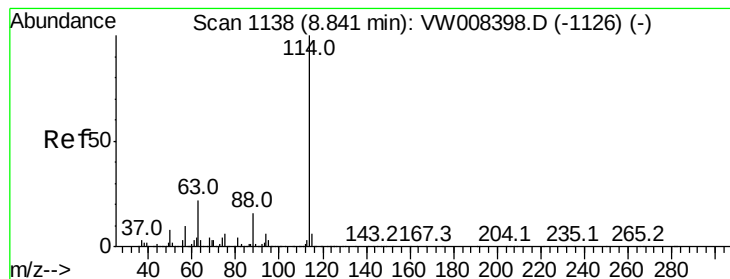
Tgt Ion: 65 Resp: 292647

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008563.D

Acq: 07 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

DUPE-Y

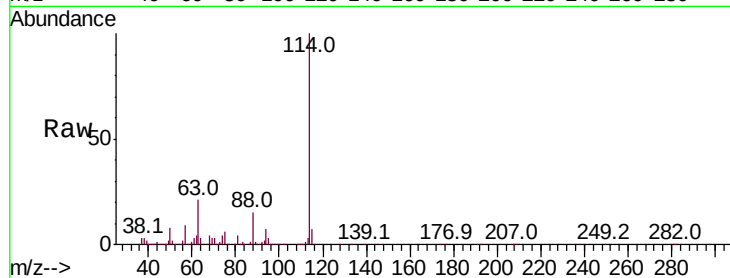
Tot Ion:114 Resp: 874124

Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.6

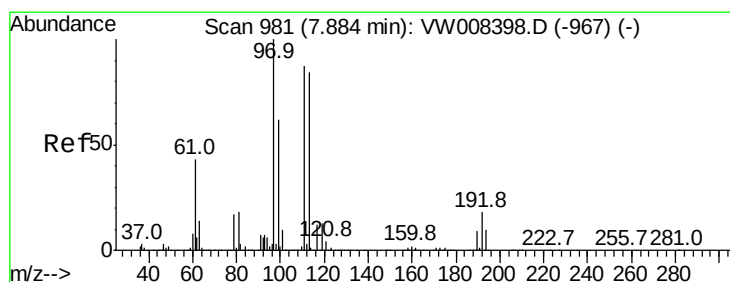
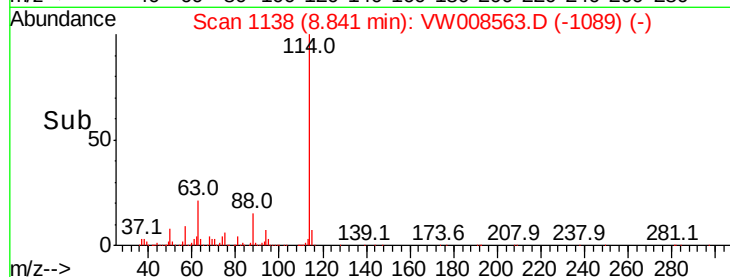
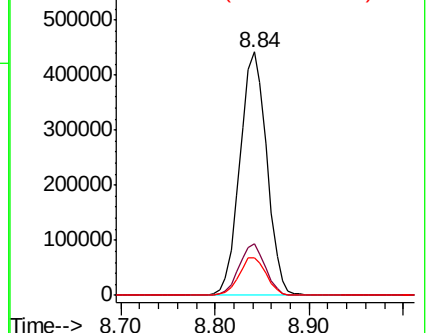
88 15.2 0.0 31.8



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: 53.085 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008563.D

Acq: 07 Feb 2019 19:57

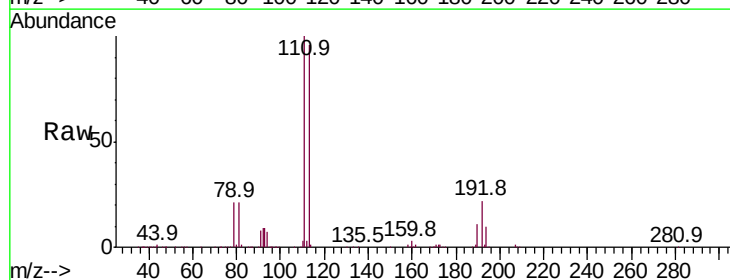
Tgt Ion:113 Resp: 271334

Ion Ratio Lower Upper

113 100

111 102.5 81.0 121.4

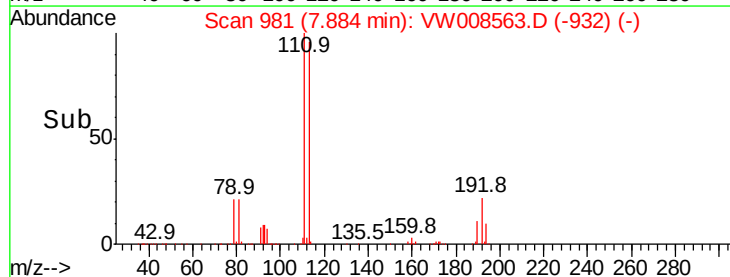
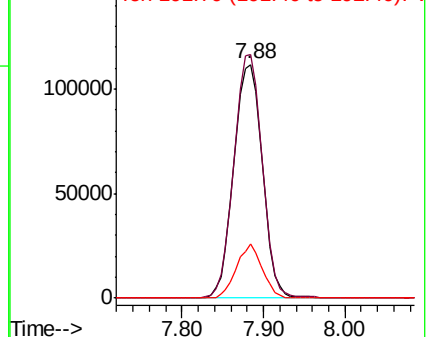
192 21.0 16.8 25.2

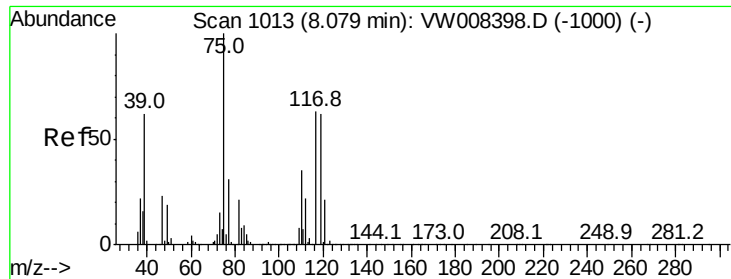


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.752 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW008563.D

Acq: 07 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

DUPE-Y

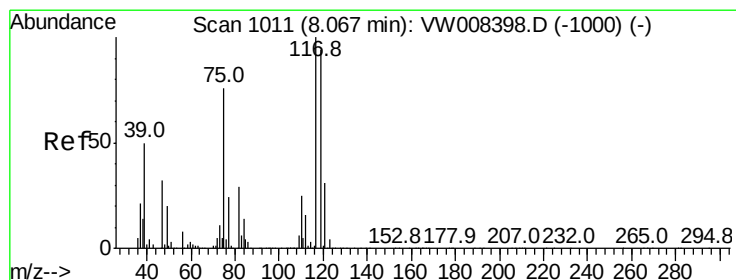
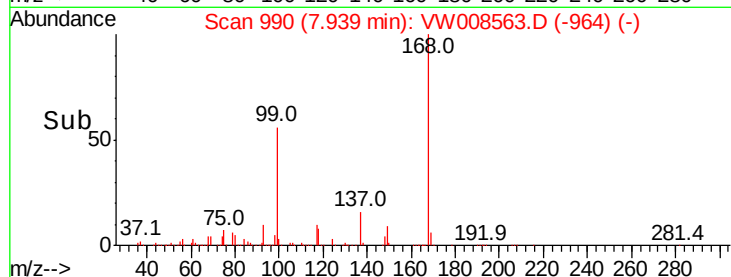
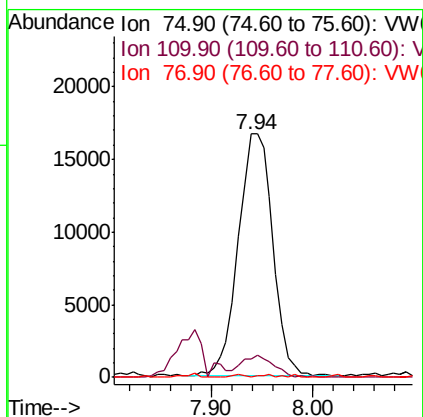
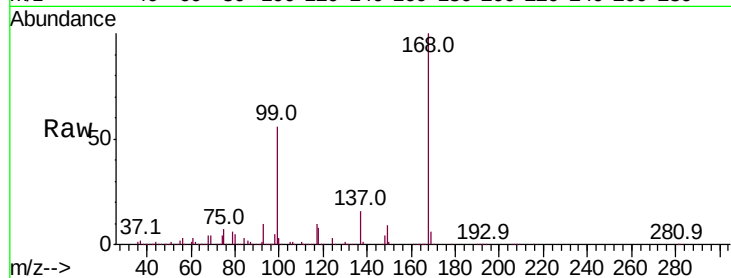
Tot Ion: 75 Resp: 39239

Ion Ratio Lower Upper

75 100

110 8.9 17.3 52.0#

77 0.4 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.016 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW008563.D

Acq: 07 Feb 2019 19:57

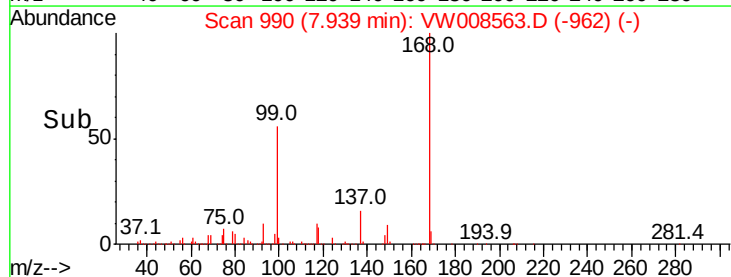
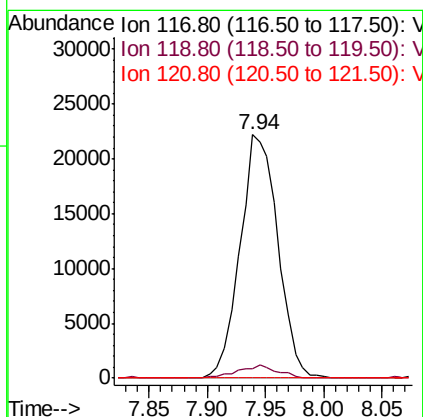
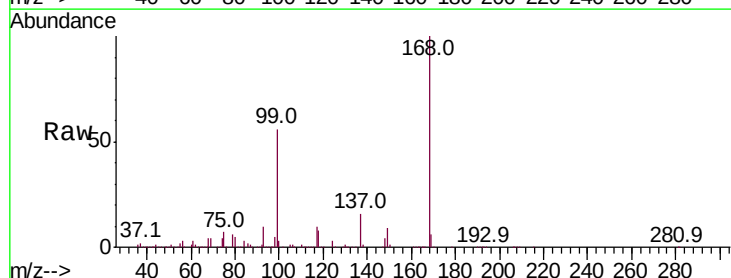
Tgt Ion: 117 Resp: 49989

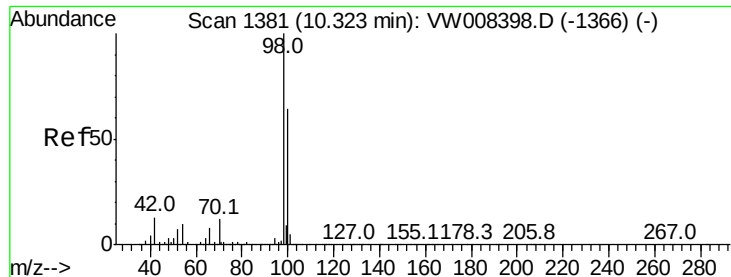
Ion Ratio Lower Upper

117 100

119 3.9 75.0 112.4#

121 0.0 24.9 37.3#

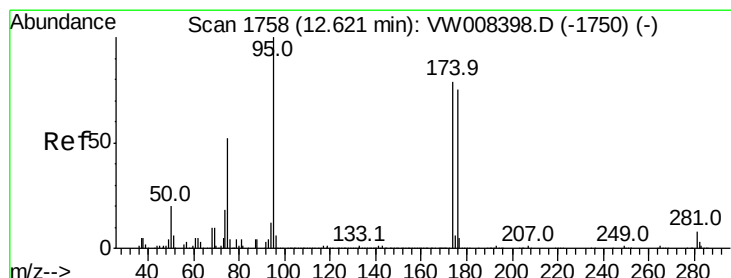
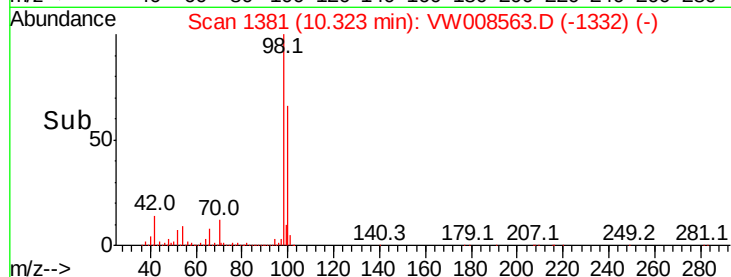
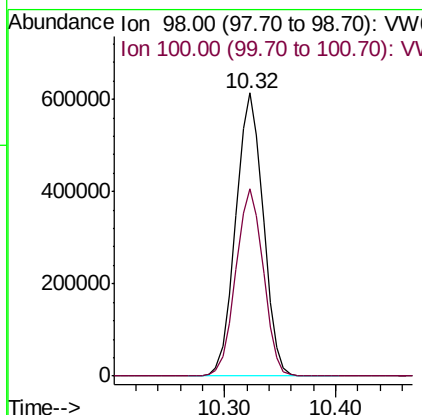
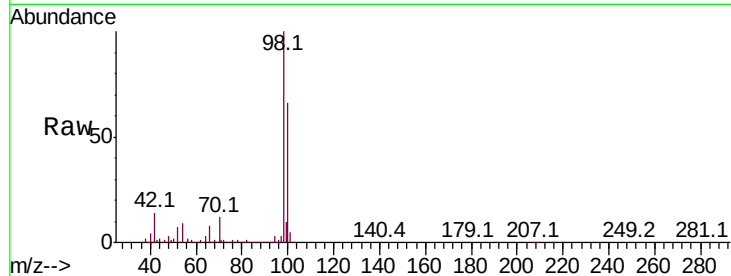




#50
Toluene-d8
Concen: 51.205 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008563.D
Acq: 07 Feb 2019 19:57

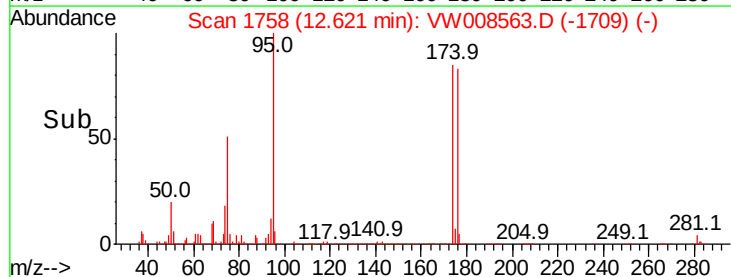
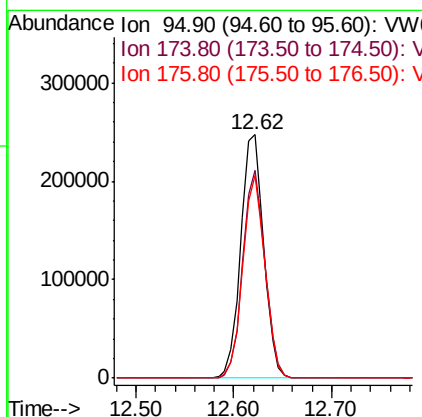
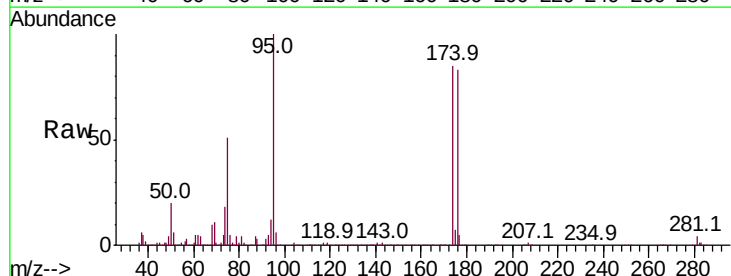
Instrument :
MSVOA_W
ClientSampleId :
DUPE-Y

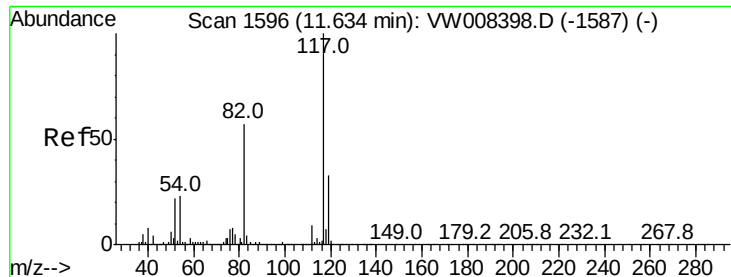
Tot Ion: 98 Resp: 1049534
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.136 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008563.D
Acq: 07 Feb 2019 19:57

Tgt Ion: 95 Resp: 402873
Ion Ratio Lower Upper
95 100
174 82.6 0.0 157.6
176 80.6 0.0 151.8

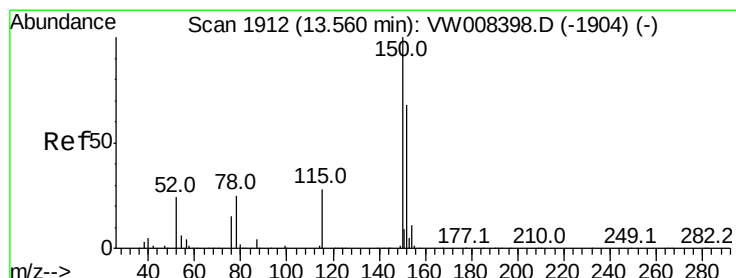
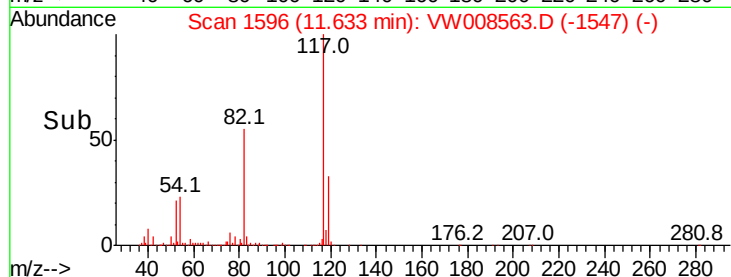
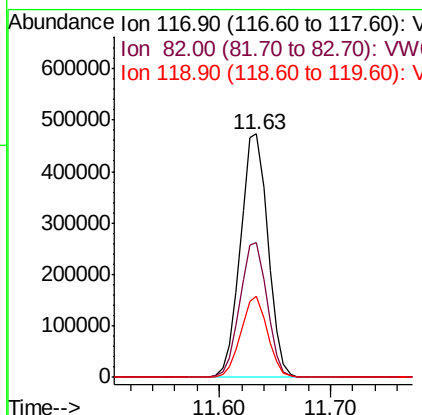
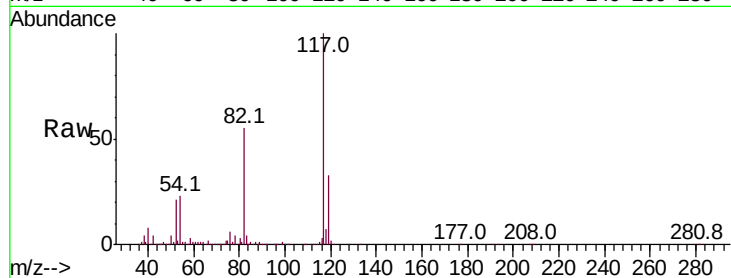




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008563.D
Acq: 07 Feb 2019 19:57

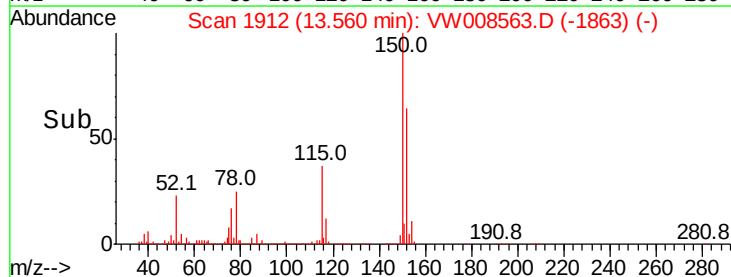
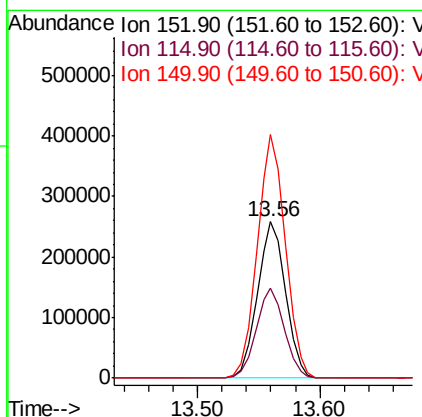
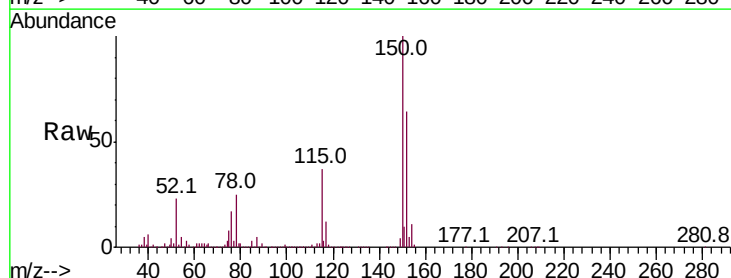
Instrument :
MSVOA_W
ClientSampleId :
DUPE-Y

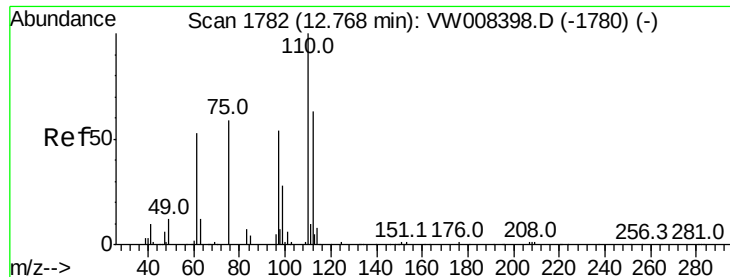
Tot Ion:117 Resp: 811019
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.0
119 33.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008563.D
Acq: 07 Feb 2019 19:57

Tgt Ion:152 Resp: 413410
Ion Ratio Lower Upper
152 100
115 57.6 29.9 89.7
150 155.3 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 57.914 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008563.D

Acq: 07 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

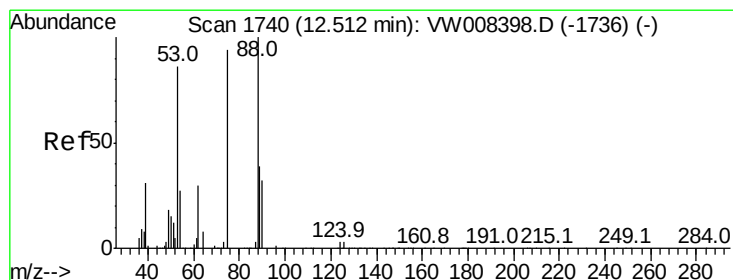
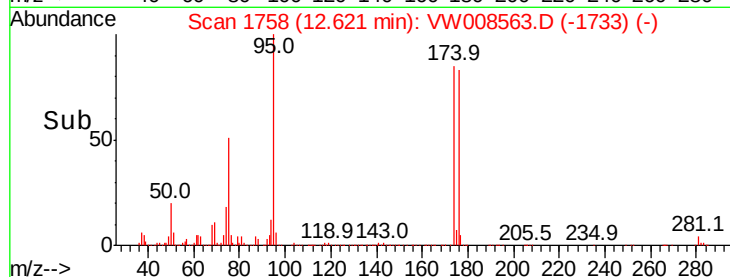
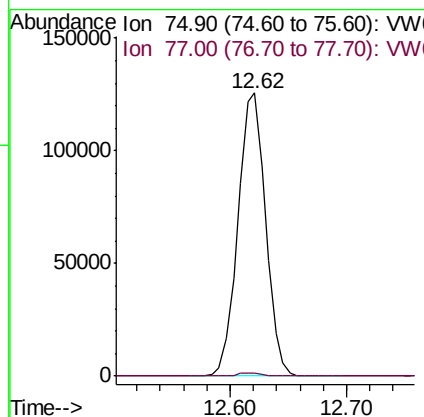
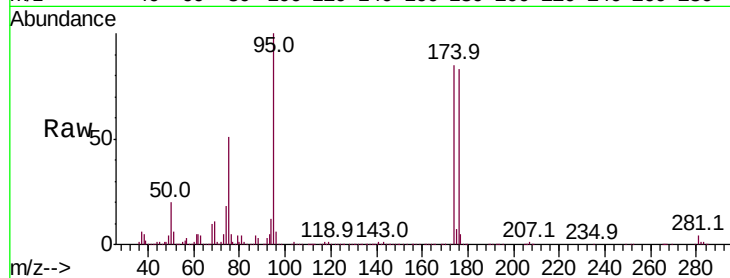
DUPE-Y

Tot Ion: 75 Resp: 208161

Ion Ratio Lower Upper

75 100

77 1.2 180.7 542.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 114.385 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008563.D

Acq: 07 Feb 2019 19:57

Tgt Ion: 75 Resp: 208161

Ion Ratio Lower Upper

75 100

53 0.2 76.0 114.0#

89 0.2 35.4 53.0#

