

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021319\
 Data File : VW008656.D
 Acq On : 13 Feb 2019 23:18
 Operator : SY/VA
 Sample : K1462-11
 Misc : 4.66G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3-S

Quant Time: Feb 14 04:47:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	415397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	626440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	538964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	262173	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	212903	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
35) Dibromofluoromethane	7.88	113	190158	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	
50) Toluene-d8	10.32	98	730424	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.62	95	249132	44.11	ug/l	0.00
Spiked Amount			Recovery	=	88.22%	

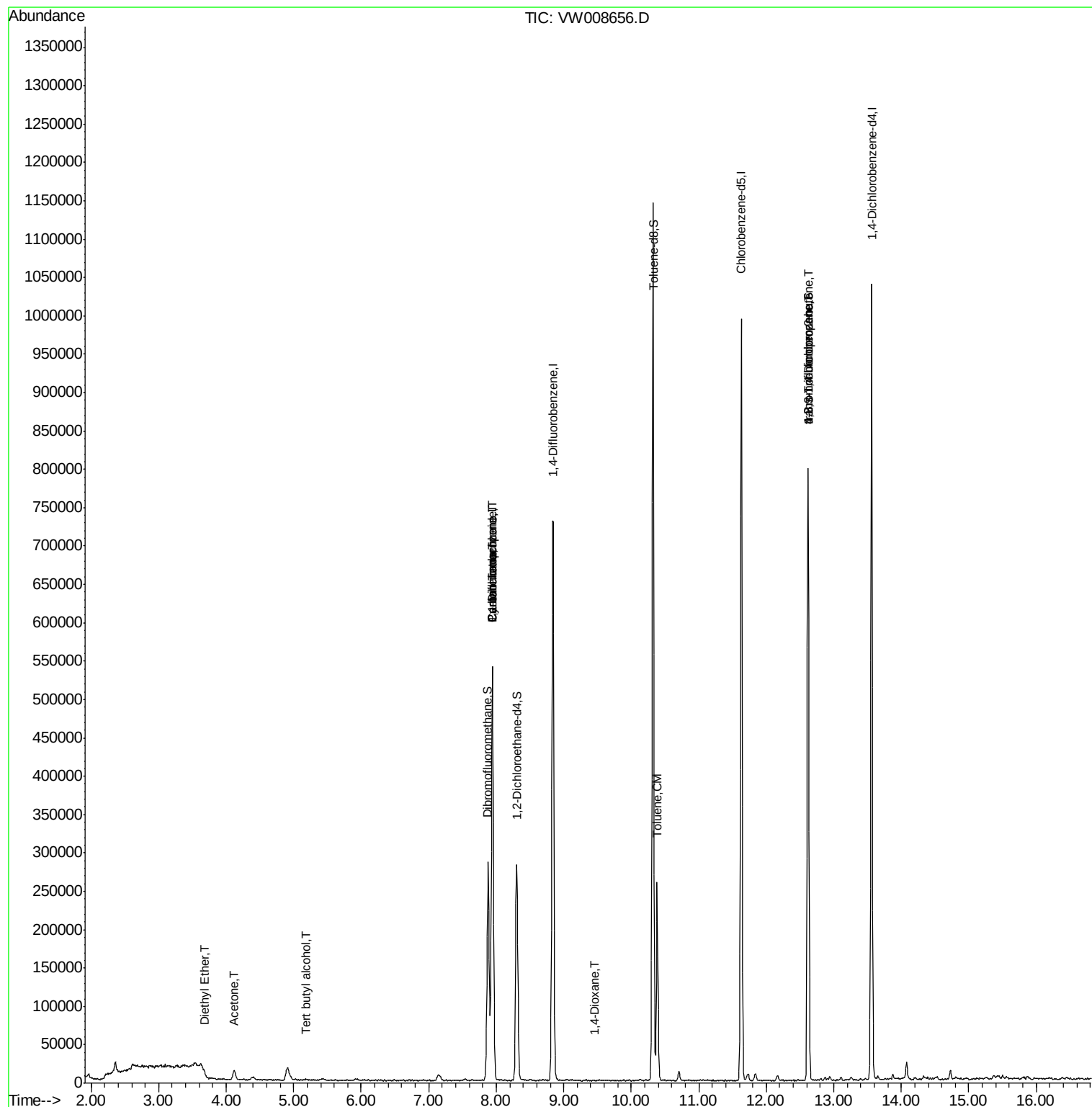
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	3913	1.671	ug/l	90
11) Tert butyl alcohol	5.18	59	650	1.881	ug/l #	72
16) Acetone	4.12	43	22448	22.843	ug/l #	87
20) Methylene Chloride	4.91	84	13733	Below Cal		91
31) Cyclohexane	7.94	56	9131	1.156	ug/l #	17
36) 1,1-Dichloropropene	7.94	75	30616	4.865	ug/l #	50
38) Carbon Tetrachloride	7.94	117	39787	6.357	ug/l #	17
49) 1,4-Dioxane	9.46	88	38	1.016	ug/l #	1
52) Toluene	10.38	92	104200	9.397	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	131483	50.789	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	131483	108.855	ug/l #	7

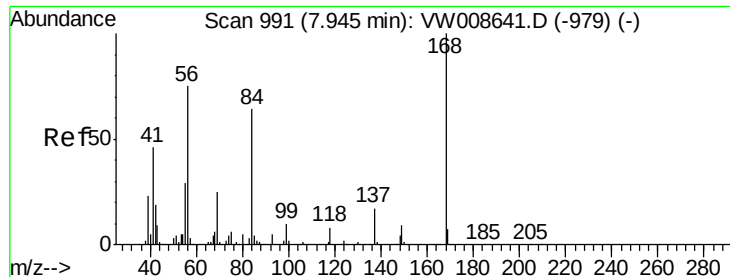
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021319\
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Quant Time: Feb 14 04:47:05 2019
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Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008656.D

Acq: 13 Feb 2019 23:18

Instrument :

MSVOA_W

ClientSampled :

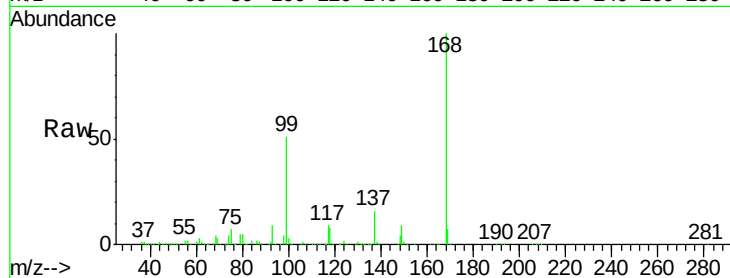
TP-3-S

Tot Ion:168 Resp: 415397

Ion Ratio Lower Upper

168 100

99 51.2 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

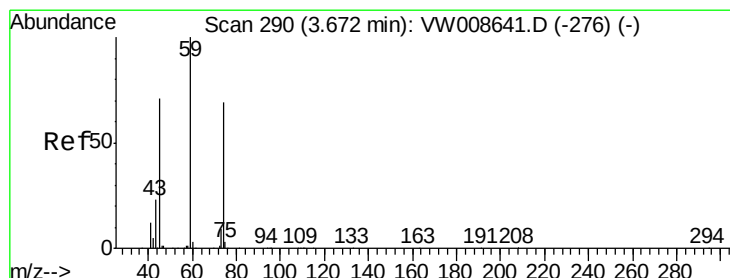
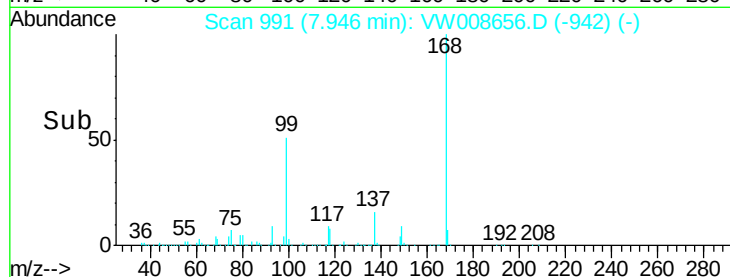
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.671 ug/l

RT: 3.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VW008656.D

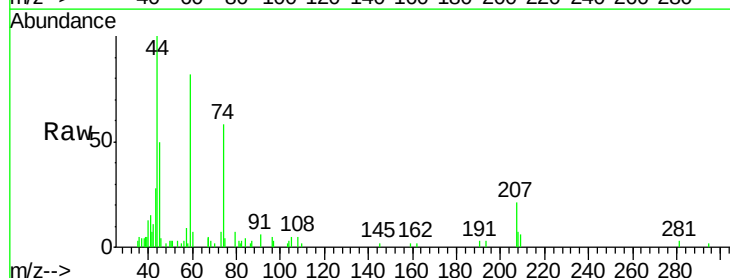
Acq: 13 Feb 2019 23:18

Tgt Ion: 74 Resp: 3913

Ion Ratio Lower Upper

74 100

45 110.7 50.2 150.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

2000

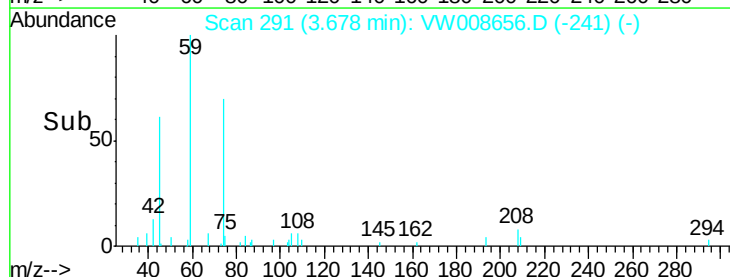
1500

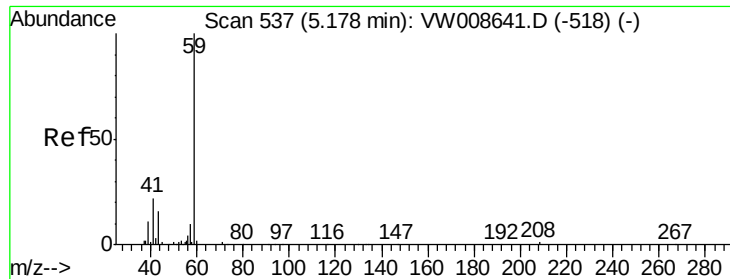
1000

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Time-->



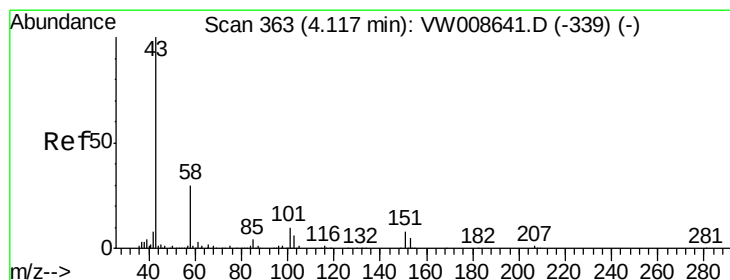
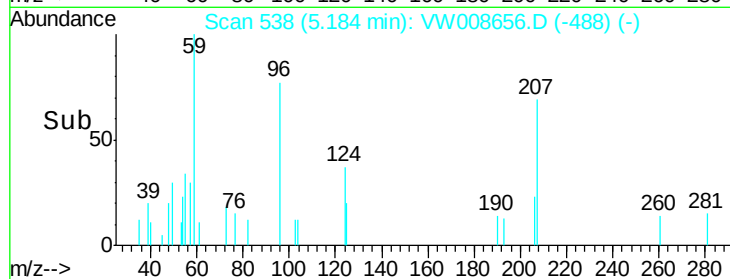
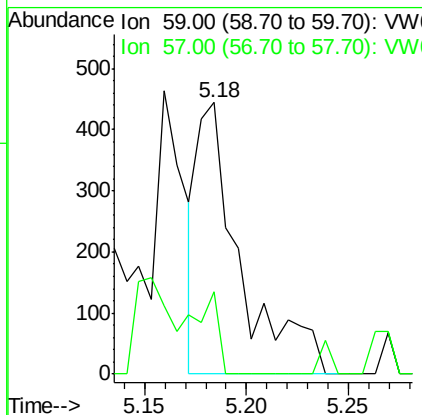
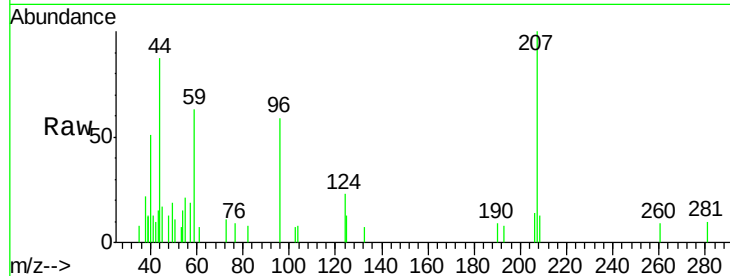


#11

Tert butyl alcohol
 Concen: 1.881 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW008656.D
 Acq: 13 Feb 2019 23:18

Instrument :
 MSVOA_W
 ClientSampled :
 TP-3-S

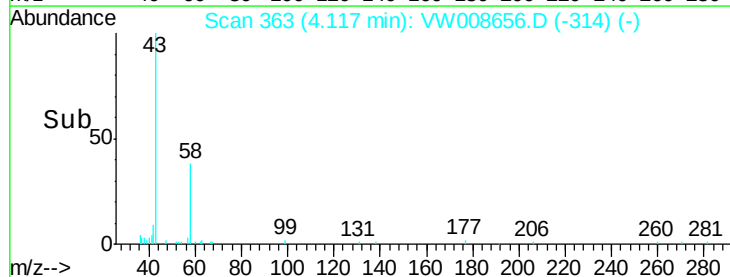
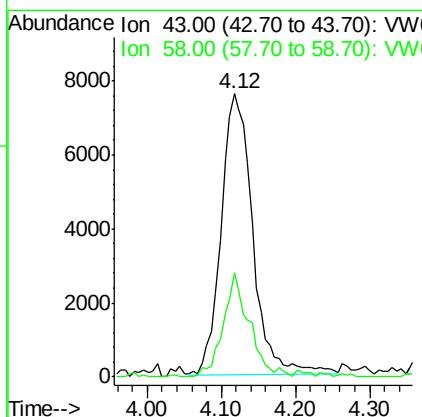
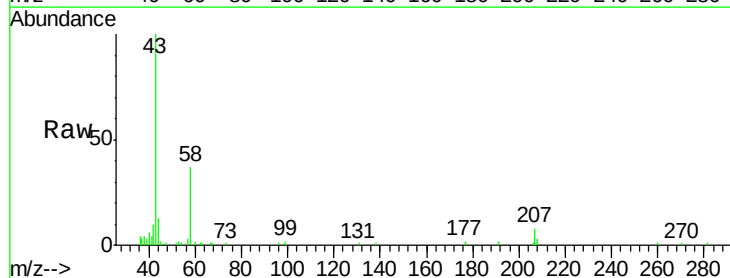
Tot Ion: 59 Resp: 650
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

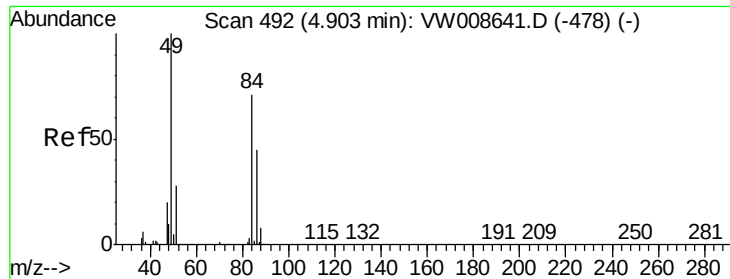


#16

Acetone
 Concen: 22.843 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VW008656.D
 Acq: 13 Feb 2019 23:18

Tgt Ion: 43 Resp: 22448
 Ion Ratio Lower Upper
 43 100
 58 37.1 24.1 36.1#

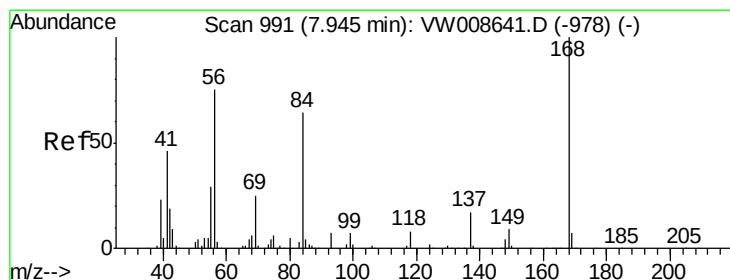
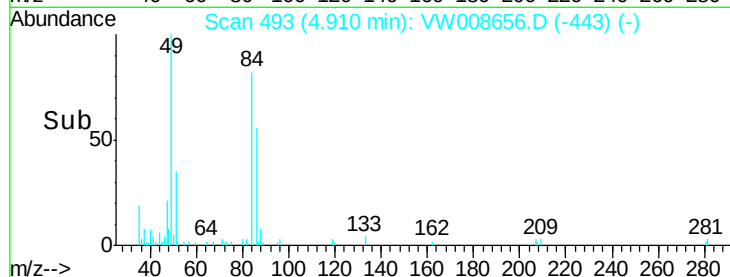
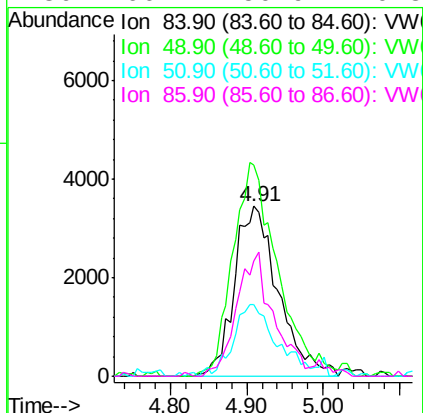
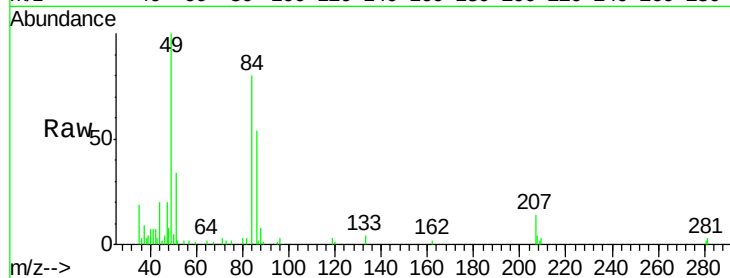




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW008656.D
Acq: 13 Feb 2019 23:18

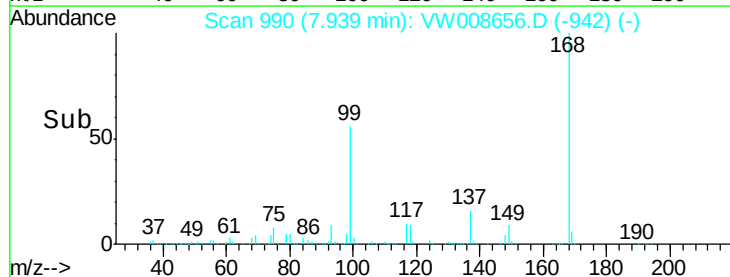
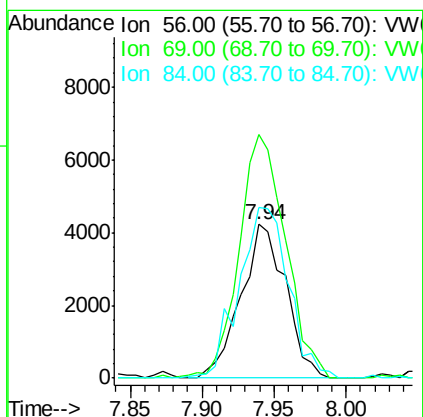
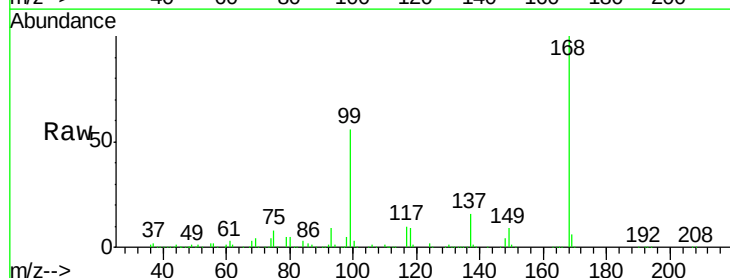
Instrument :
MSVOA_W
ClientSampleId :
TP-3-S

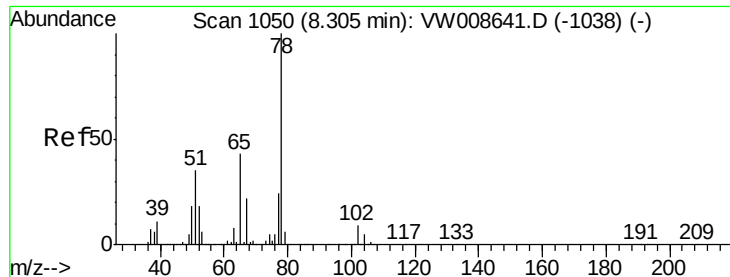
Tot Ion: 84 Resp: 13733
Ion Ratio Lower Upper
84 100
49 124.3 113.3 169.9
51 40.8 32.1 48.1
86 66.2 50.9 76.3



#31
Cyclohexane
Concen: 1.156 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW008656.D
Acq: 13 Feb 2019 23:18

Tgt Ion: 56 Resp: 9131
Ion Ratio Lower Upper
56 100
69 158.5 26.4 39.6#
84 110.7 67.4 101.2#

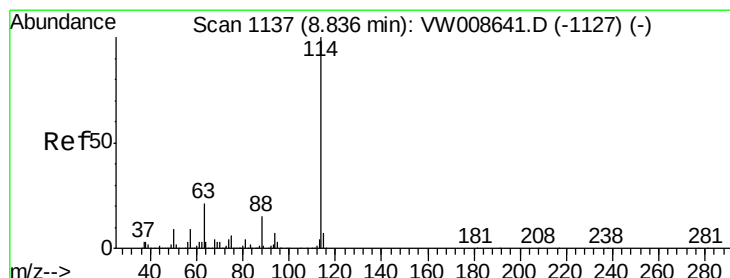
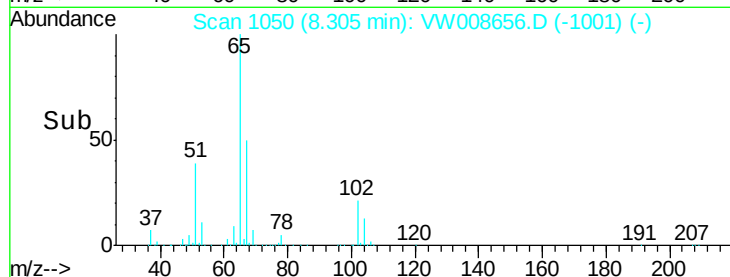
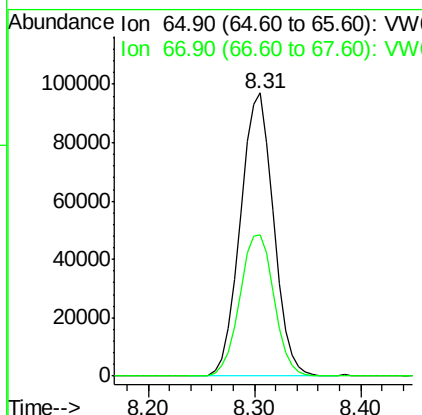
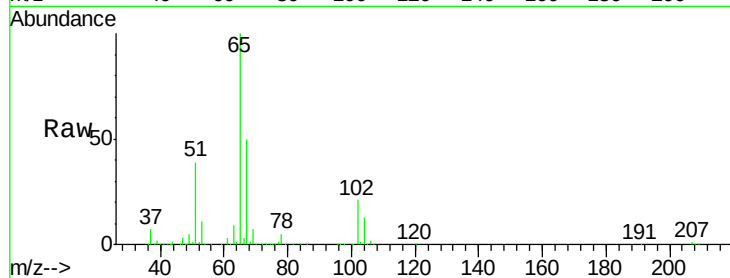




#33
 1,2-Dichloroethane-d4
 Concen: 49.299 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008656.D
 Acq: 13 Feb 2019 23:18

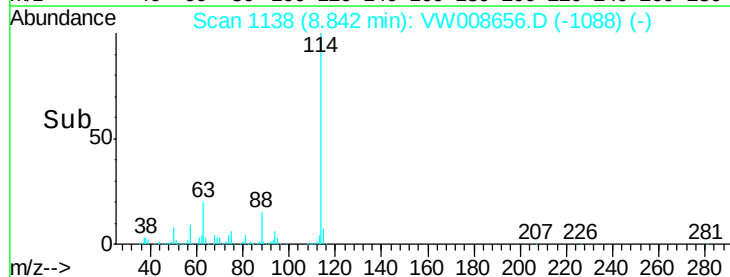
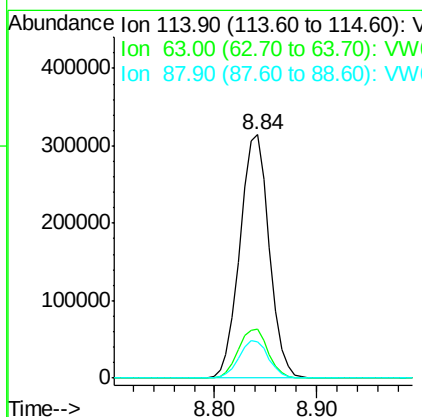
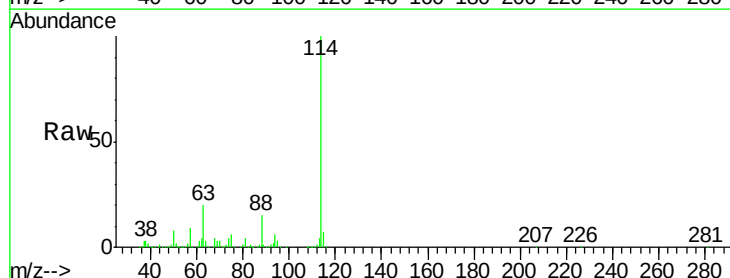
Instrument :
 MSVOA_W
 ClientSampled :
 TP-3-S

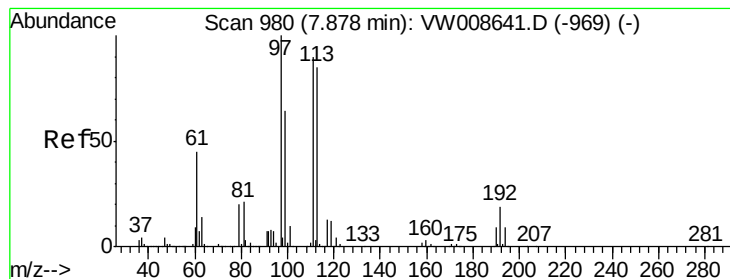
Tot Ion: 65 Resp: 212903
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VW008656.D
 Acq: 13 Feb 2019 23:18

Tgt Ion: 114 Resp: 626440
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.2
 88 15.0 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.886 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW008656.D

Acq: 13 Feb 2019 23:18

Instrument :

MSVOA_W

ClientSampled :

TP-3-S

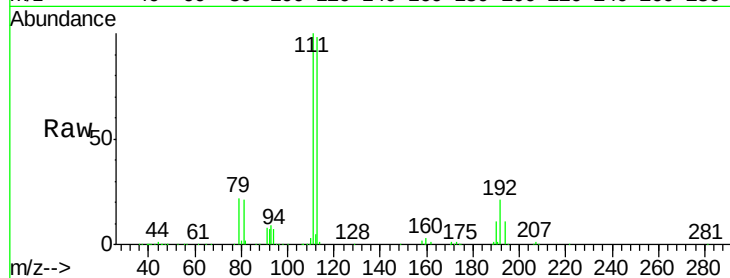
Tot Ion:113 Resp: 190158

Ion Ratio Lower Upper

113 100

111 102.5 84.0 126.0

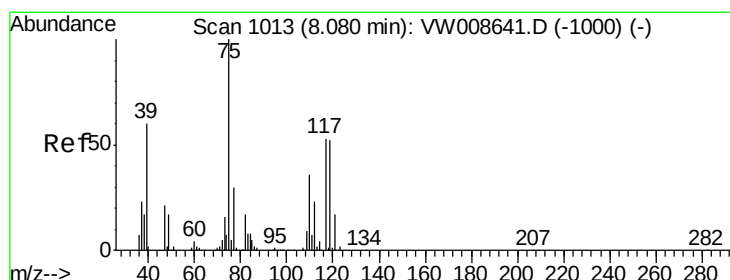
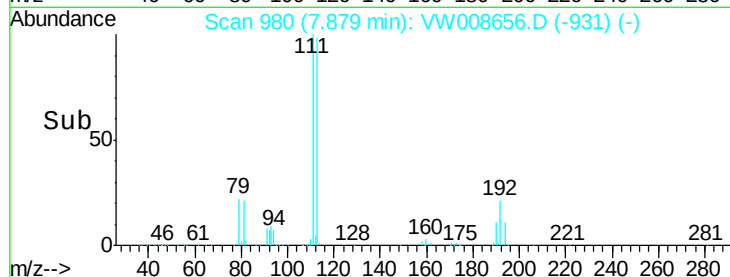
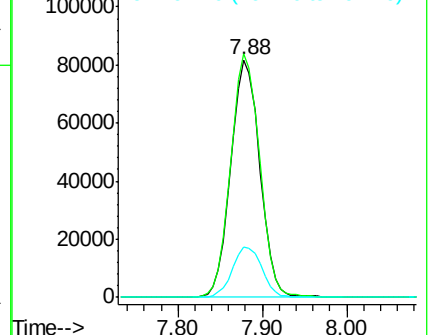
192 21.7 17.4 26.2



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: 4.865 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW008656.D

Acq: 13 Feb 2019 23:18

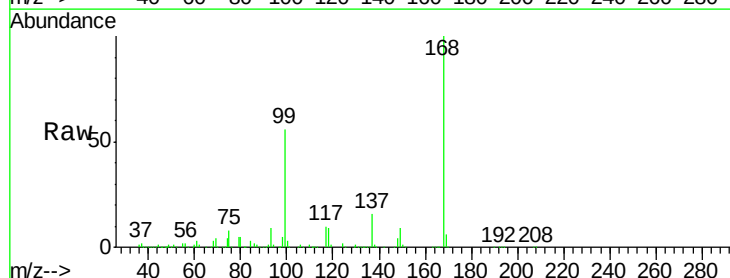
Tgt Ion: 75 Resp: 30616

Ion Ratio Lower Upper

75 100

110 9.7 17.8 53.3#

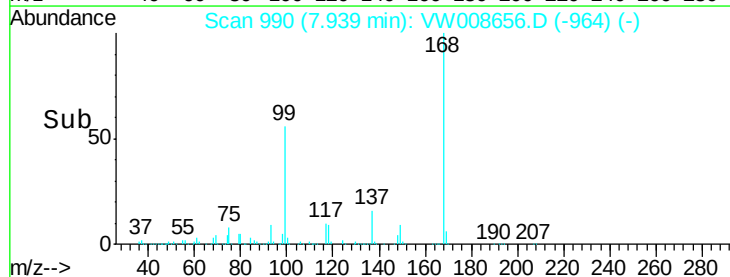
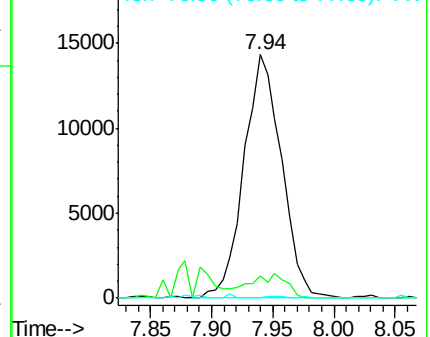
77 0.0 24.7 37.1#

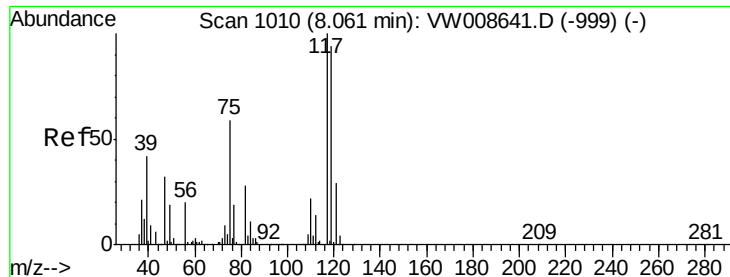


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

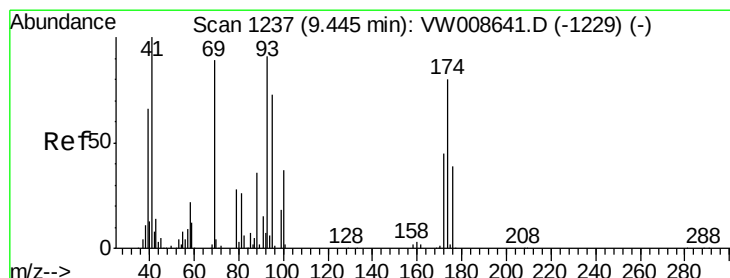
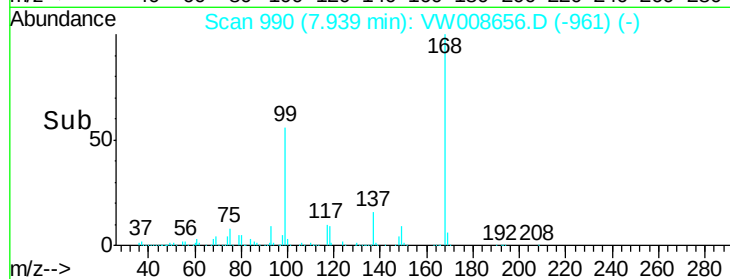
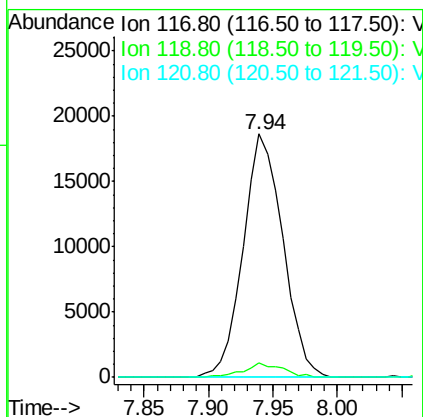
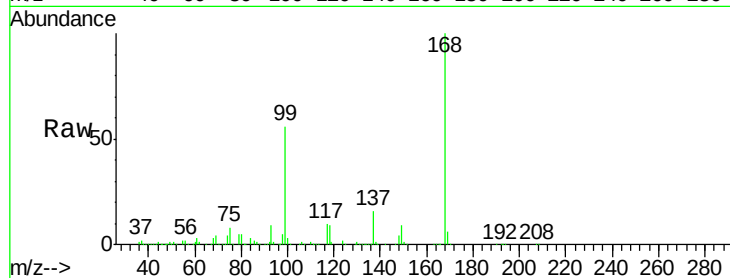




#38
Carbon Tetrachloride
Concen: 6.357 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.12 min
Lab File: VW008656.D
Acq: 13 Feb 2019 23:18

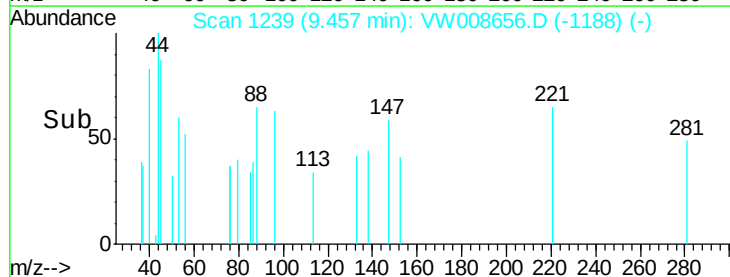
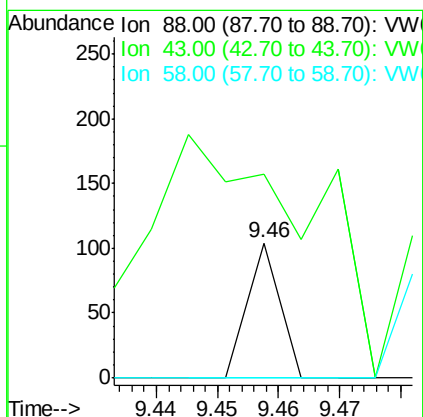
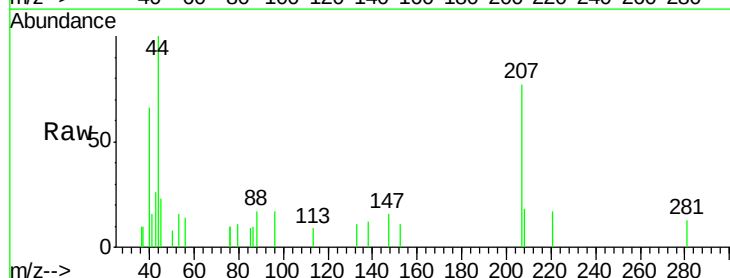
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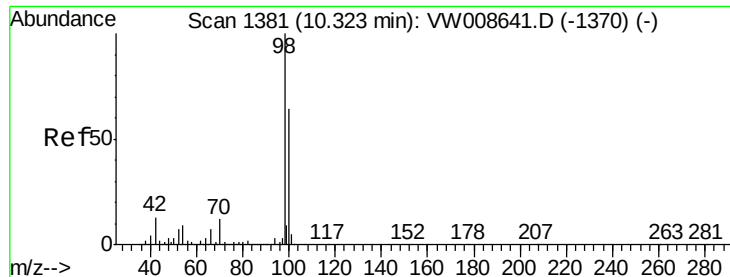
Tot Ion:117 Resp: 39787
Ion Ratio Lower Upper
117 100
119 5.8 75.1 112.7#
121 0.0 23.5 35.3#



#49
1,4-Dioxane
Concen: 1.016 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW008656.D
Acq: 13 Feb 2019 23:18

Tgt Ion: 88 Resp: 38
Ion Ratio Lower Upper
88 100
43 844.7 31.0 46.6#
58 0.0 57.0 85.6#

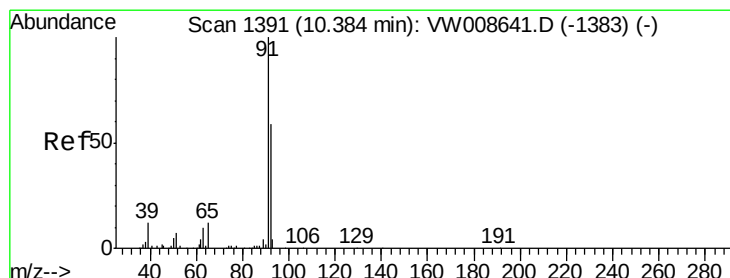
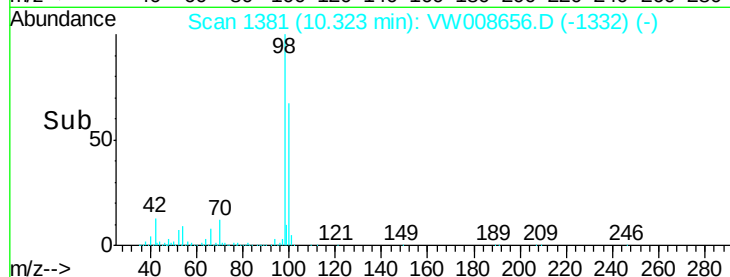
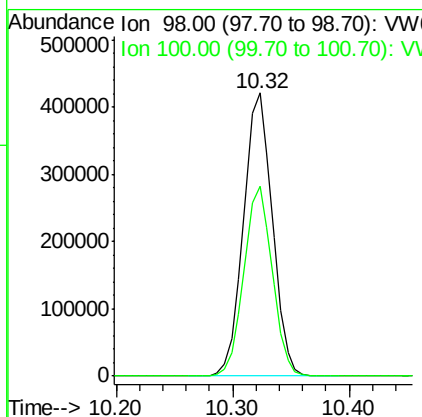
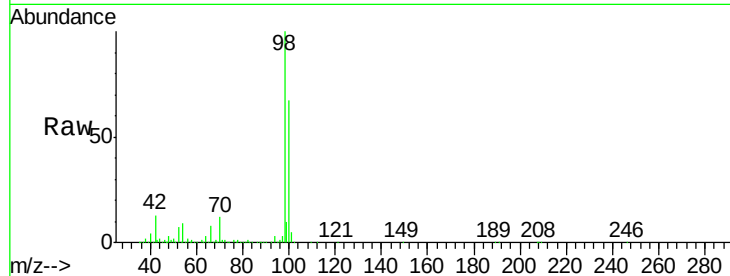




#50
Toluene-d8
Concen: 48.712 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008656.D
Acq: 13 Feb 2019 23:18

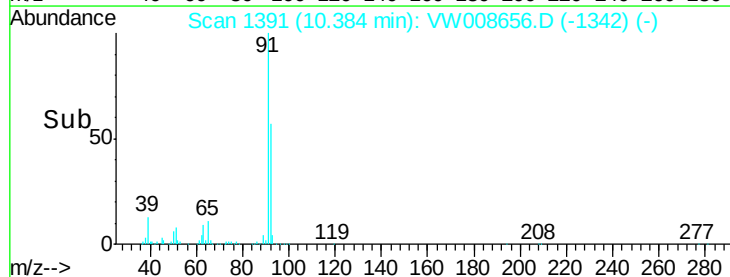
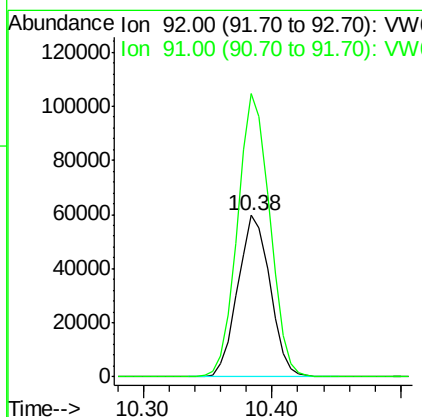
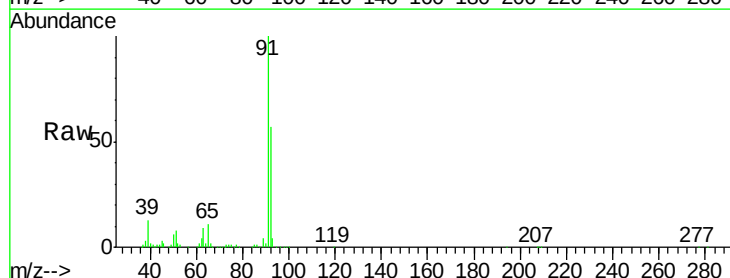
Instrument :
MSVOA_W
ClientSampleId :
TP-3-S

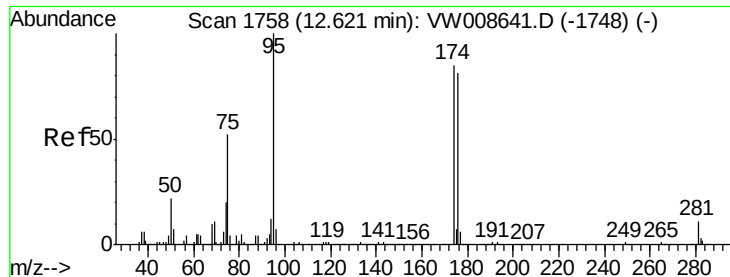
Tot Ion: 98 Resp: 730424
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.4



#52
Toluene
Concen: 9.397 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW008656.D
Acq: 13 Feb 2019 23:18

Tgt Ion: 92 Resp: 104200
Ion Ratio Lower Upper
92 100
91 174.2 135.8 203.6





#62

4-Bromofluorobenzene

Concen: 44.110 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008656.D

Acq: 13 Feb 2019 23:18

Instrument :

MSVOA_W

ClientSampled :

TP-3-S

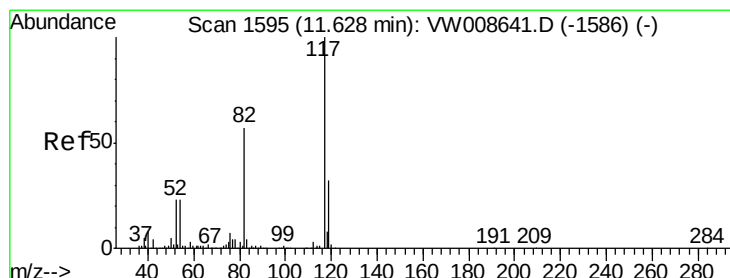
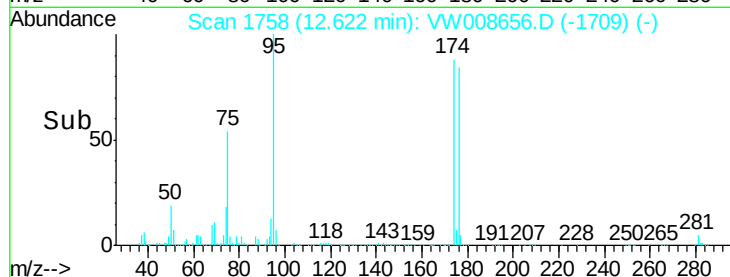
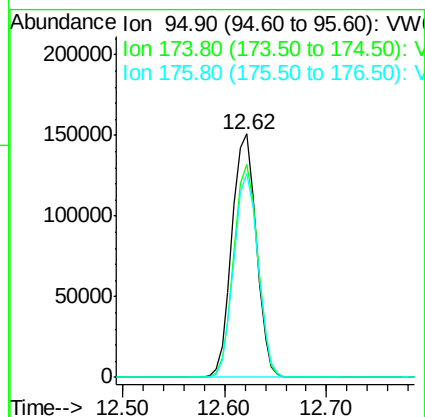
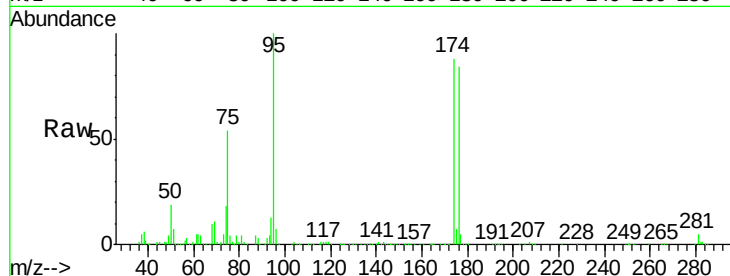
Tot Ion: 95 Resp: 249132

Ion Ratio Lower Upper

95 100

174 86.5 0.0 163.2

176 83.1 0.0 158.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW008656.D

Acq: 13 Feb 2019 23:18

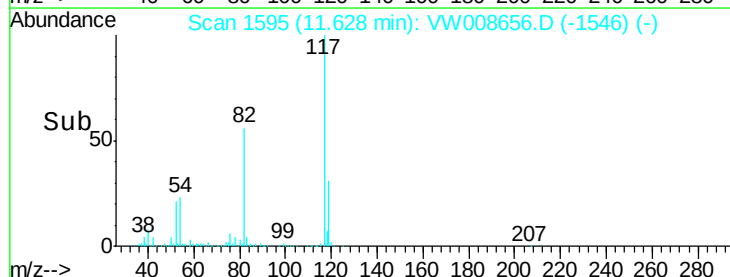
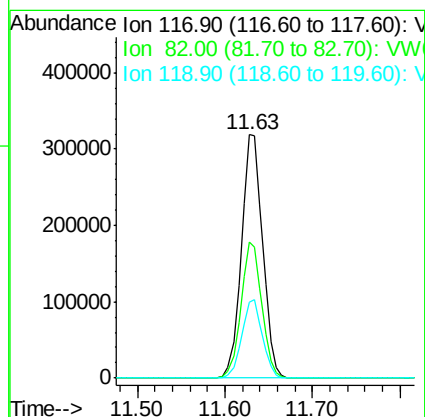
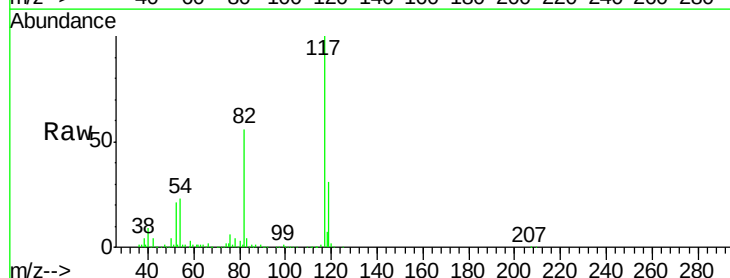
Tgt Ion: 117 Resp: 538964

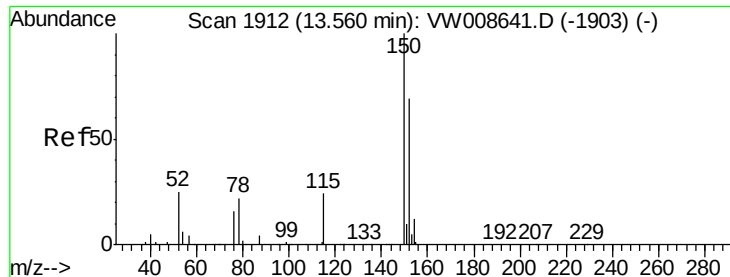
Ion Ratio Lower Upper

117 100

82 55.9 45.6 68.4

119 31.3 25.7 38.5

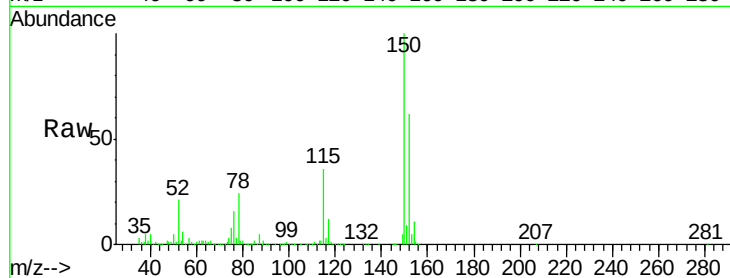




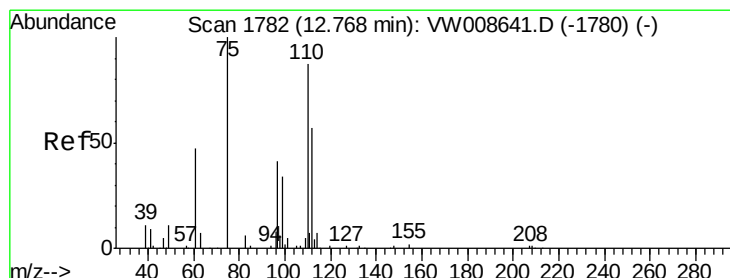
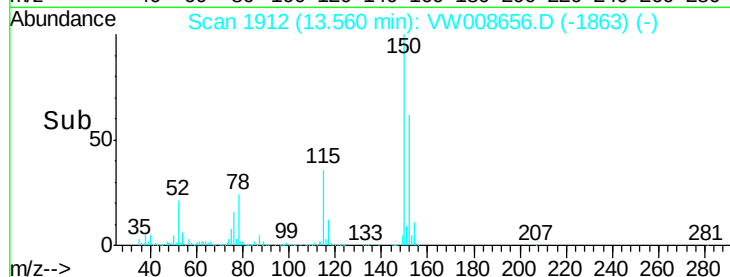
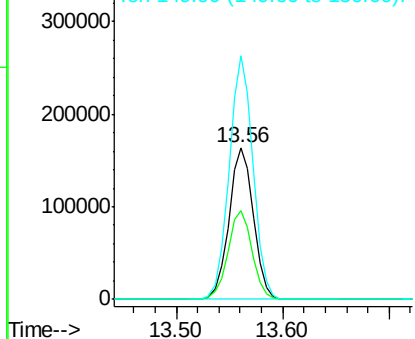
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW008656.D
 Acq: 13 Feb 2019 23:18

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3-S

Tot Ion:152 Resp: 262173
 Ion Ratio Lower Upper
 152 100
 115 57.7 29.3 87.8
 150 156.9 0.0 352.8

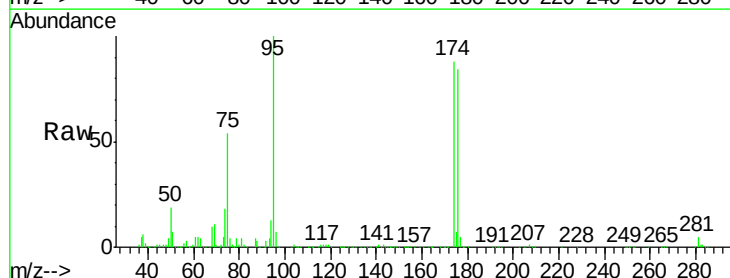


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

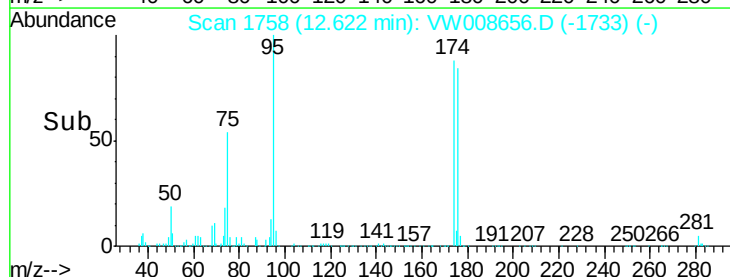
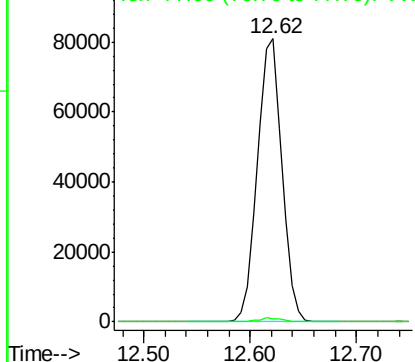


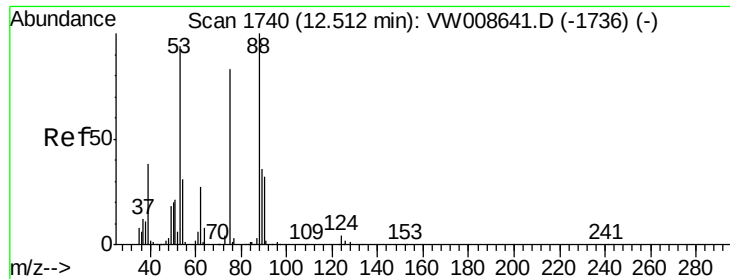
#76
 1,2,3-Trichloropropane
 Concen: 50.789 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008656.D
 Acq: 13 Feb 2019 23:18

Tgt Ion: 75 Resp: 131483
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



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: 108.855 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008656.D

Acq: 13 Feb 2019 23:18

Instrument :

MSVOA_W

ClientSampleId :

TP-3-S

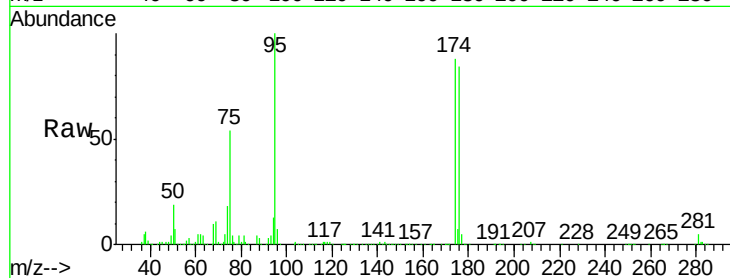
Tot Ion: 75 Resp: 131483

Ion Ratio Lower Upper

75 100

53 0.2 87.4 131.0#

89 0.3 37.0 55.4#



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

