

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021319\
 Data File : VW008647.D
 Acq On : 13 Feb 2019 19:18
 Operator : SY/VA
 Sample : VW0213SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0213SBSD01

Quant Time: Feb 14 04:44:44 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	435537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	647887	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	554247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	272227	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	222236	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.16%		
35) Dibromofluoromethane	7.88	113	195728	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.30%		
50) Toluene-d8	10.32	98	762976	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.40%		
62) 4-Bromofluorobenzene	12.62	95	264434	45.27	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.54%		

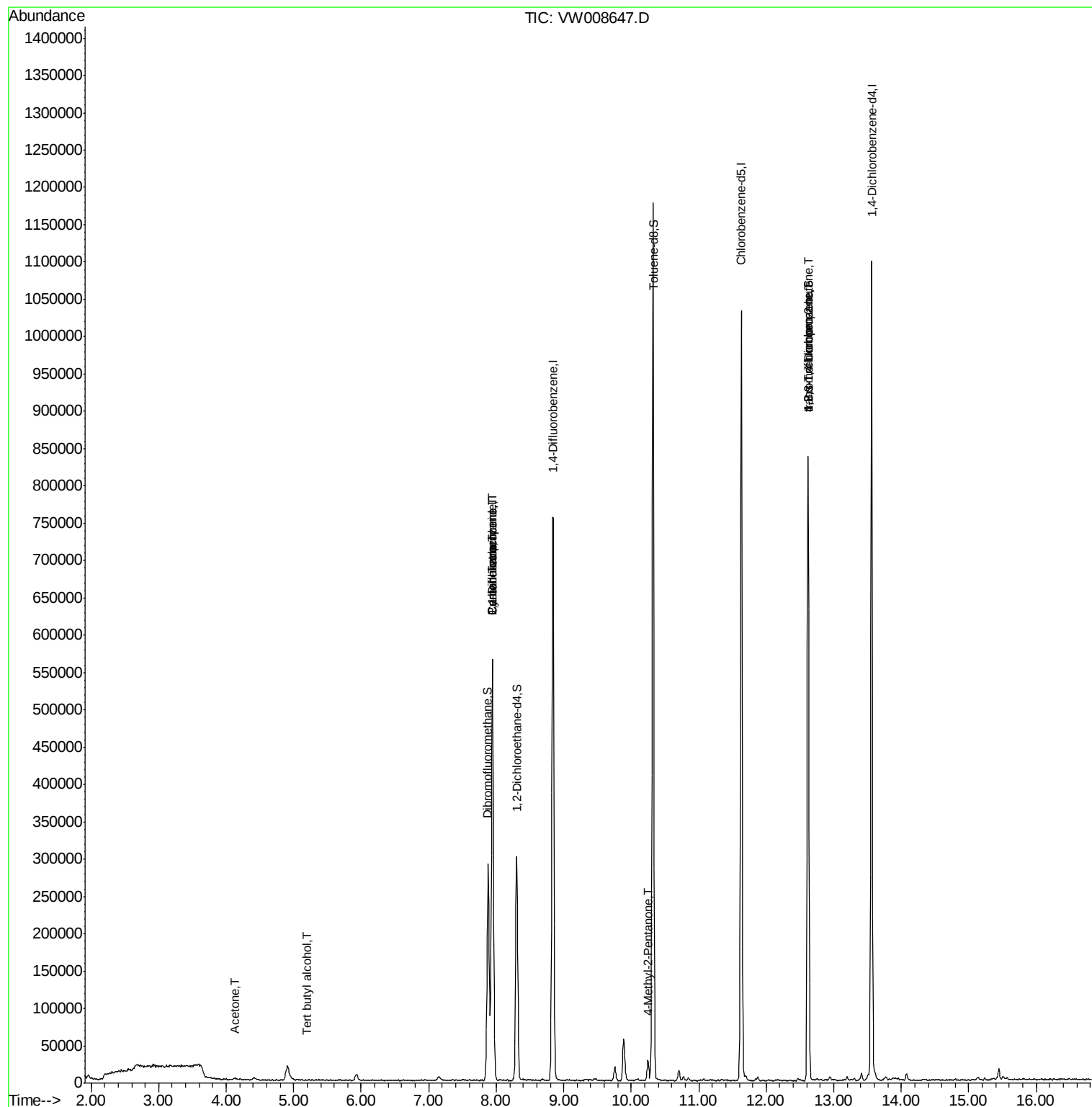
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	376	1.038	ug/l #	89
16) Acetone	4.13	43	5132	4.981	ug/l #	82
20) Methylene Chloride	4.91	84	16198	Below Cal	#	81
31) Cyclohexane	7.94	56	9891	1.194	ug/l #	32
36) 1,1-Dichloropropene	7.95	75	32043	4.923	ug/l #	51
38) Carbon Tetrachloride	7.95	117	40807	6.305	ug/l #	18
51) 4-Methyl-2-Pentanone	10.25	43	3227	1.003	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	137607	51.191	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	137607	109.698	ug/l #	6

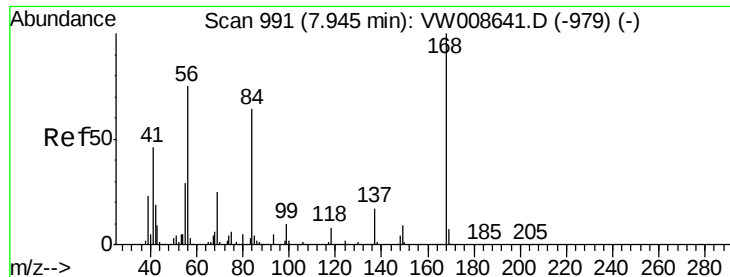
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021319\
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Quant Time: Feb 14 04:44:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
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: VW008647.D

Acq: 13 Feb 2019 19:18

Instrument :

MSVOA_W

ClientSampleId :

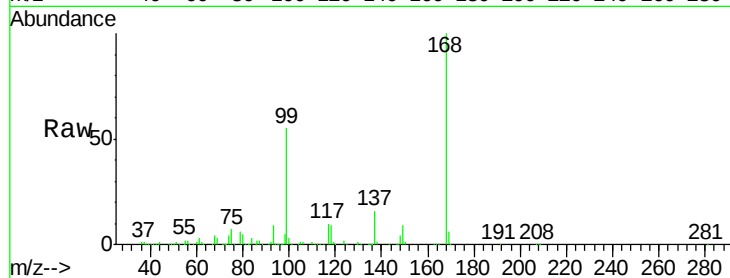
VW0213SBS01

Tot Ion:168 Resp: 435537

Ion Ratio Lower Upper

168 100

99 54.8 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

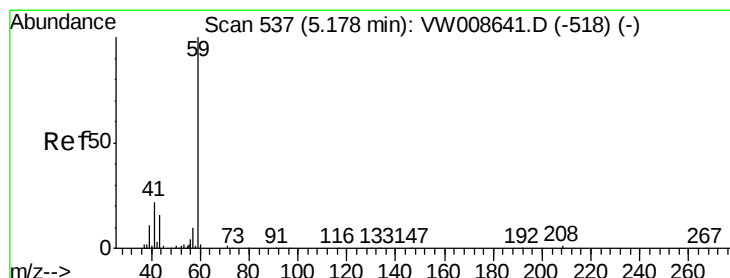
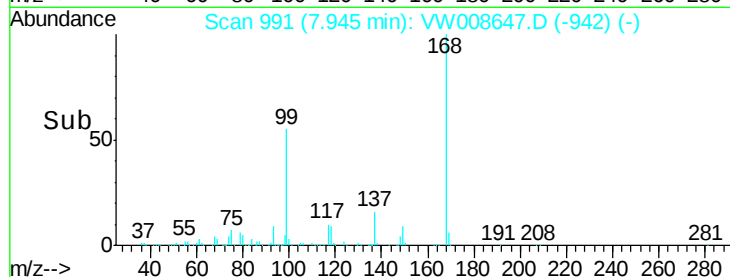
100000

50000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 1.038 ug/l

RT: 5.20 min Scan# 540

Delta R.T. 0.02 min

Lab File: VW008647.D

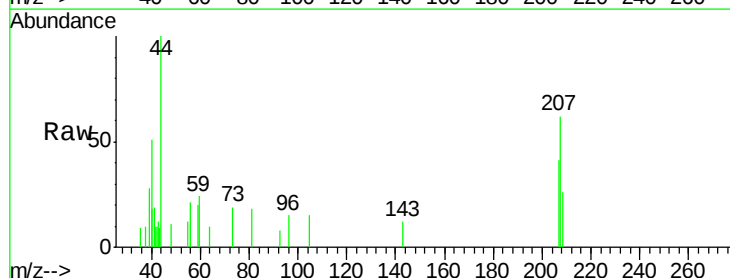
Acq: 13 Feb 2019 19:18

Tgt Ion: 59 Resp: 376

Ion Ratio Lower Upper

59 100

57 6.1 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

300

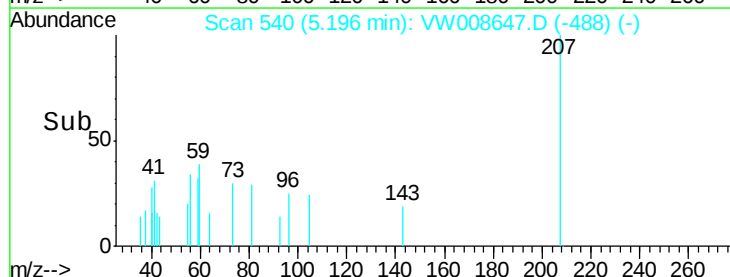
200

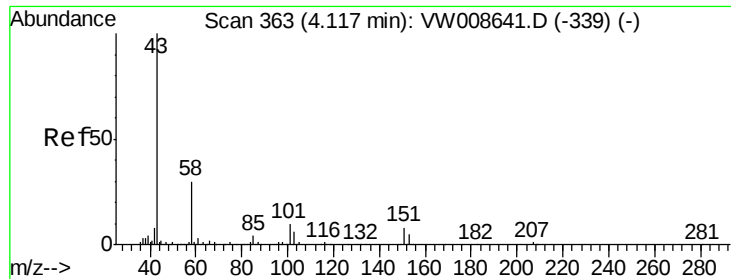
100

0

5.14 5.16 5.18 5.20 5.22

Time-->





#16

Acetone

Concen: 4.981 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008647.D

Acq: 13 Feb 2019 19:18

Instrument :

MSVOA_W

ClientSampleId :

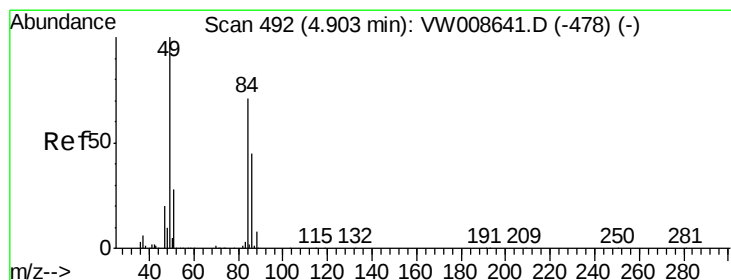
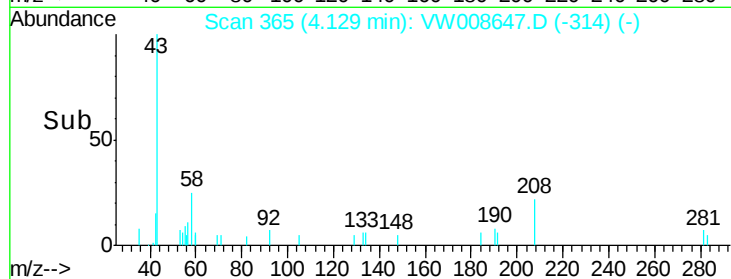
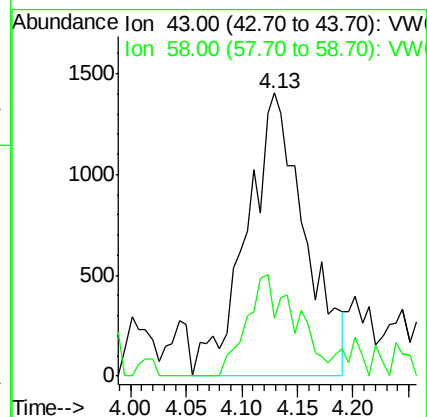
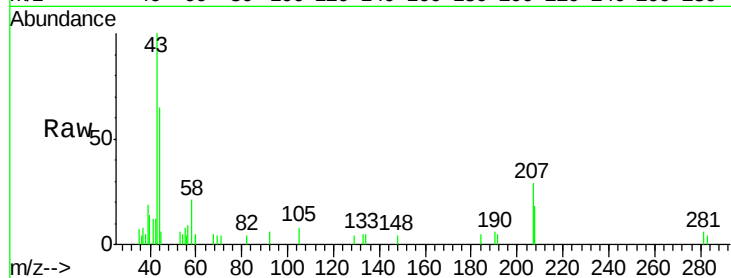
VW0213SBS01

Tot Ion: 43 Resp: 5132

Ion Ratio Lower Upper

43 100

58 20.5 24.1 36.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW008647.D

Acq: 13 Feb 2019 19:18

Tgt Ion: 84 Resp: 16198

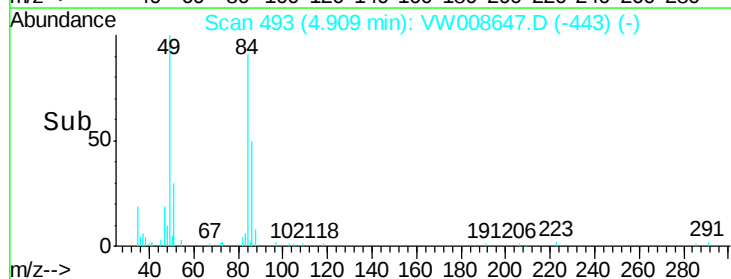
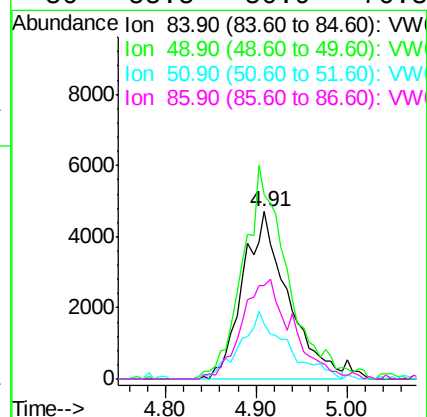
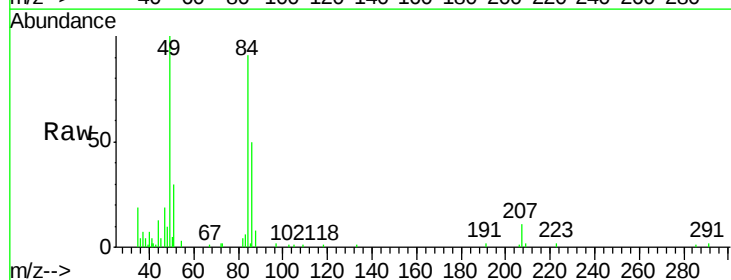
Ion Ratio Lower Upper

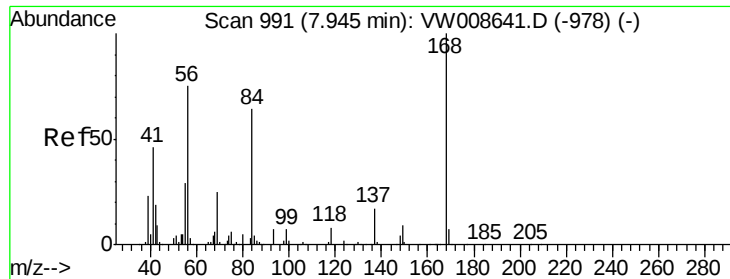
84 100

49 110.3 113.3 169.9#

51 32.6 32.1 48.1

86 55.5 50.9 76.3

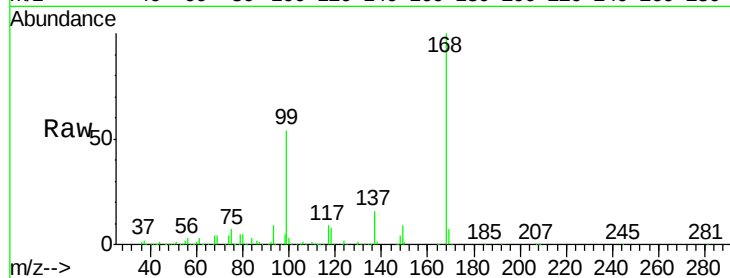




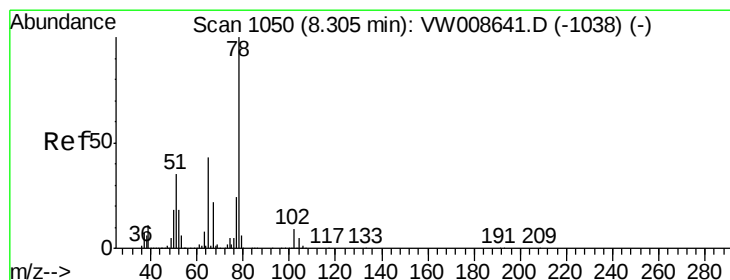
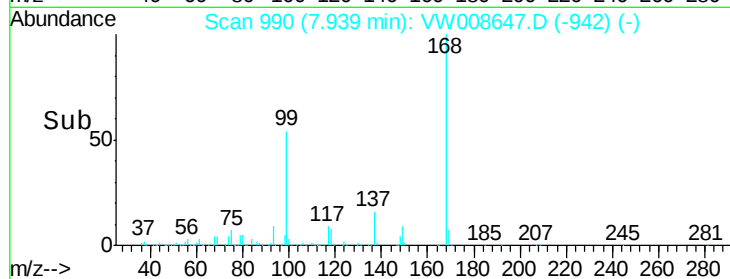
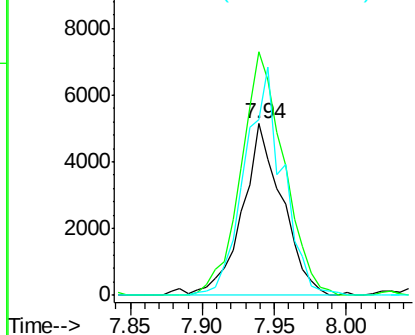
#31
Cyclohexane
Concen: 1.194 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW008647.D
Acq: 13 Feb 2019 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW0213SBS01

Tot Ion: 56 Resp: 9891
Ion Ratio Lower Upper
56 100
69 141.9 26.4 39.6#
84 102.2 67.4 101.2#

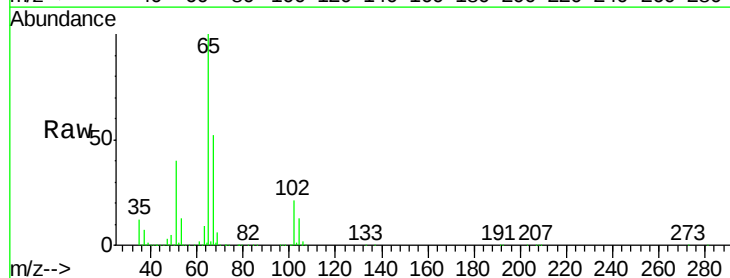


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

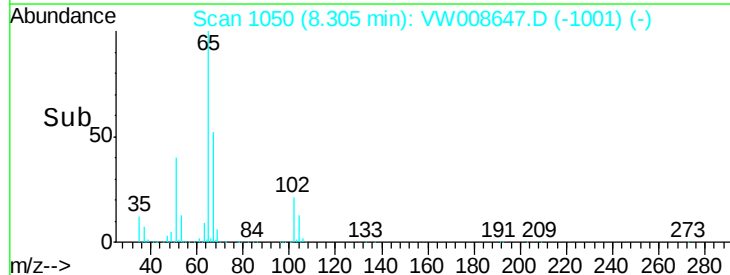
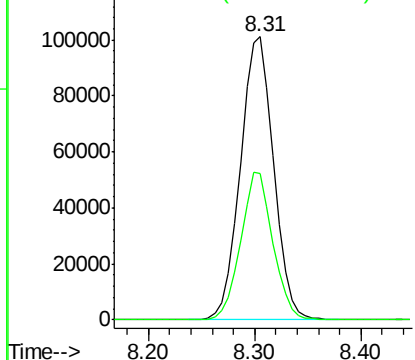


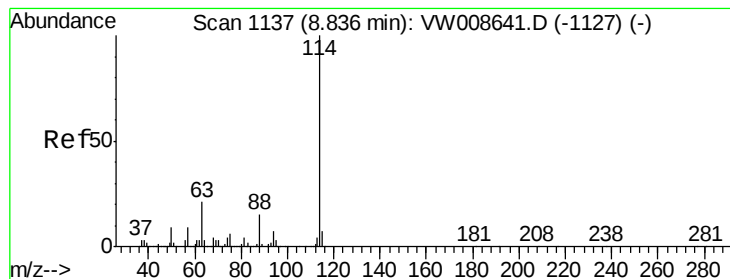
#33
1,2-Dichloroethane-d4
Concen: 49.081 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008647.D
Acq: 13 Feb 2019 19:18

Tgt Ion: 65 Resp: 222236
Ion Ratio Lower Upper
65 100
67 50.4 0.0 102.0



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: VW008647.D

Acq: 13 Feb 2019 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW0213SBS01

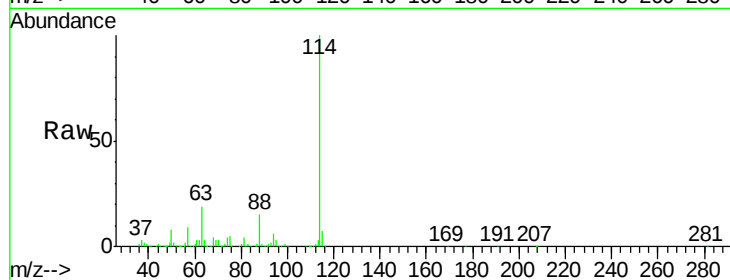
Tot Ion:114 Resp: 647887

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.2

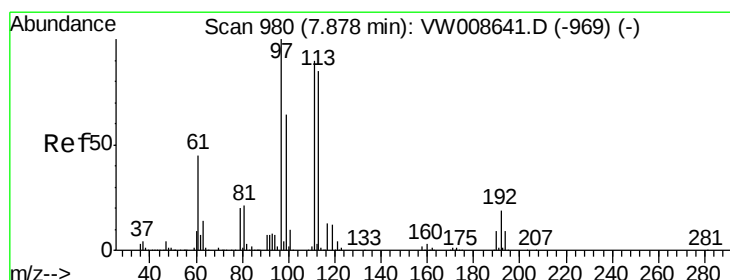
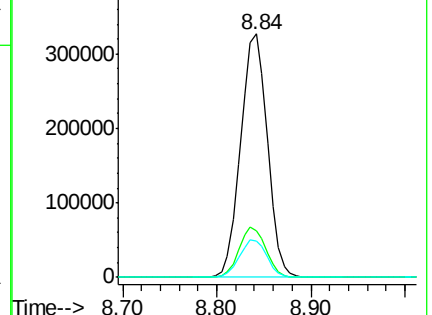
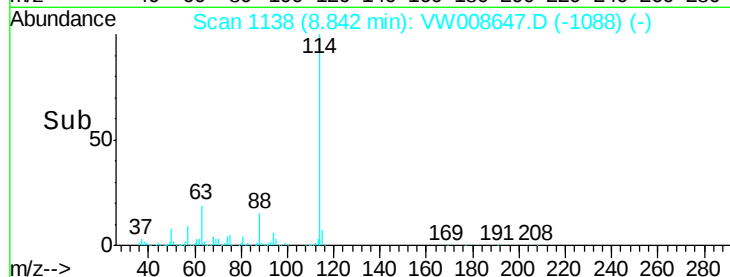
88 14.8 0.0 29.6



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: 48.653 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW008647.D

Acq: 13 Feb 2019 19:18

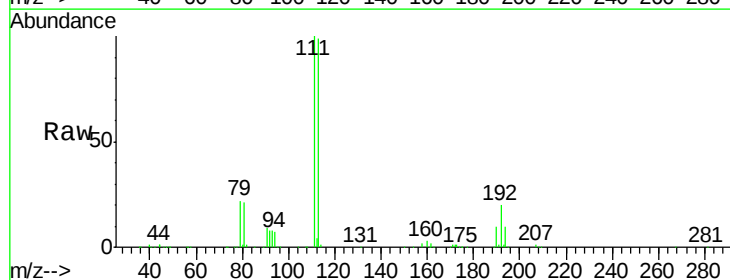
Tgt Ion:113 Resp: 195728

Ion Ratio Lower Upper

113 100

111 103.4 84.0 126.0

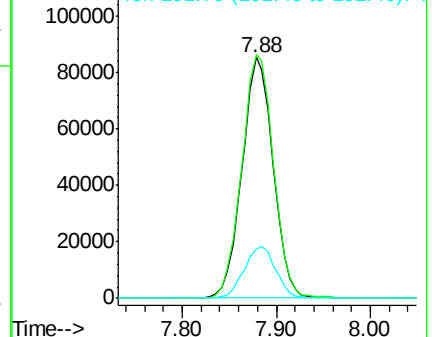
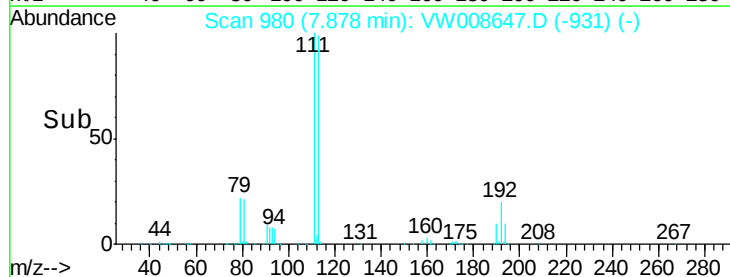
192 21.7 17.4 26.2

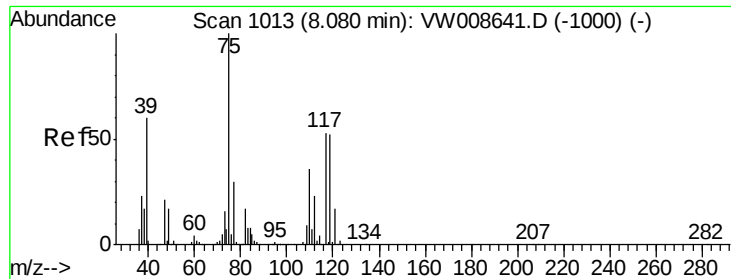


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.923 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008647.D

Acq: 13 Feb 2019 19:18

Instrument :

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ClientSampleId :

VW0213SBSD01

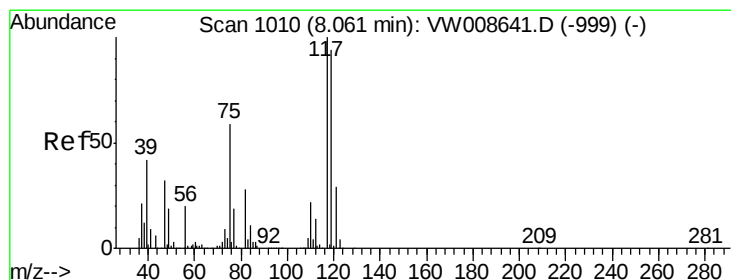
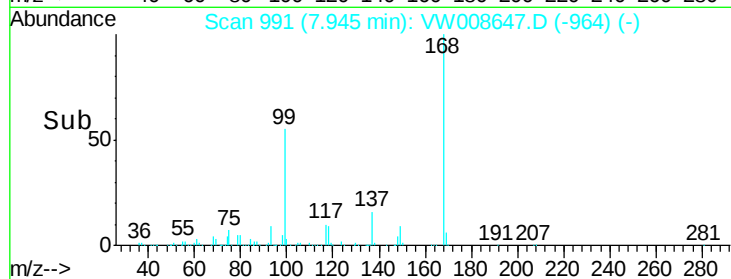
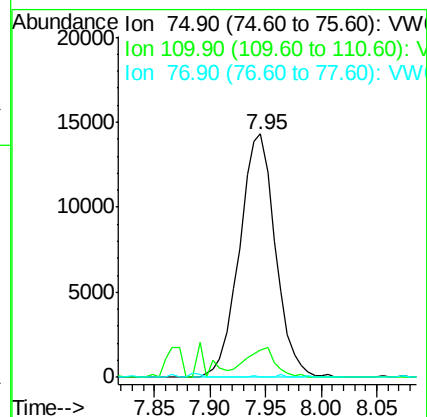
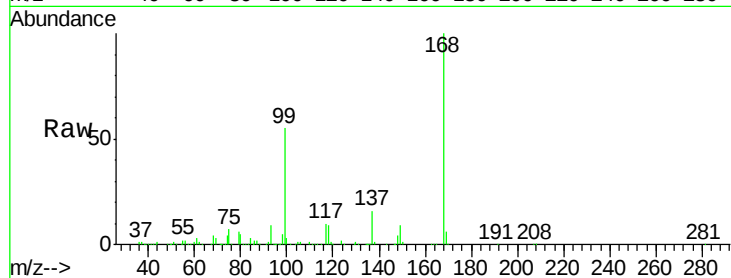
Tot Ion: 75 Resp: 32043

Ion Ratio Lower Upper

75 100

110 10.2 17.8 53.3#

77 0.1 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.305 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008647.D

Acq: 13 Feb 2019 19:18

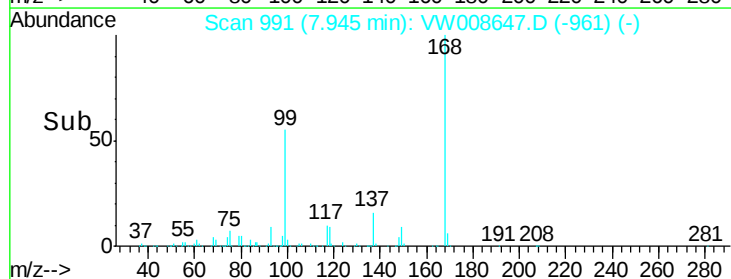
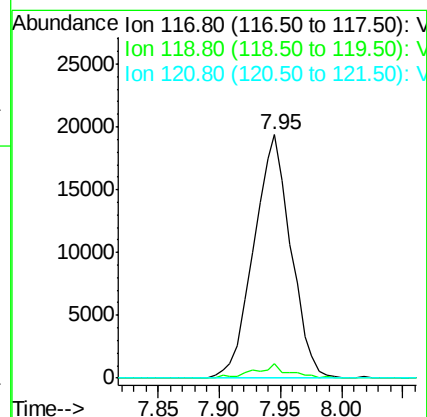
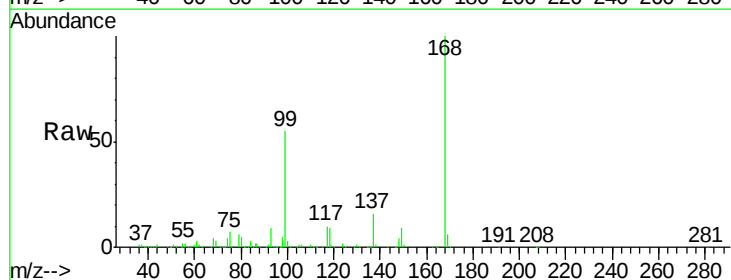
Tgt Ion: 117 Resp: 40807

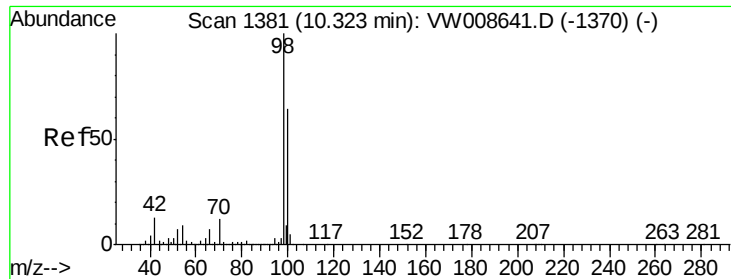
Ion Ratio Lower Upper

117 100

119 6.0 75.1 112.7#

121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 49.199 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008647.D

Acq: 13 Feb 2019 19:18

Instrument :

MSVOA_W

ClientSampleId :

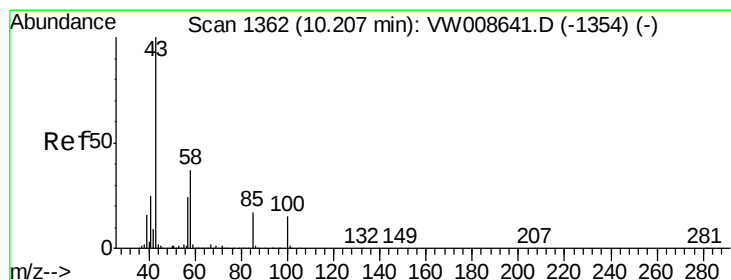
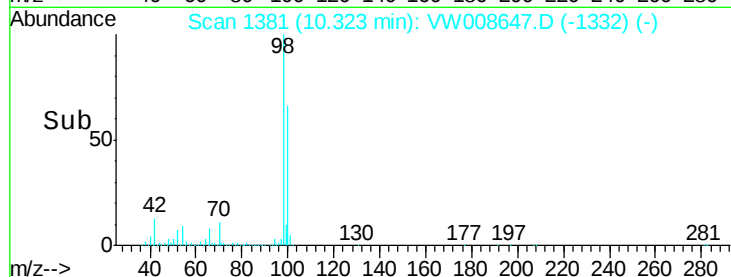
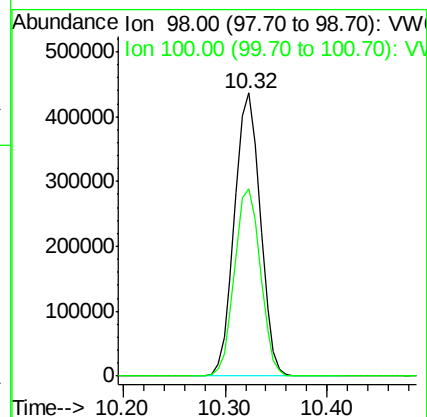
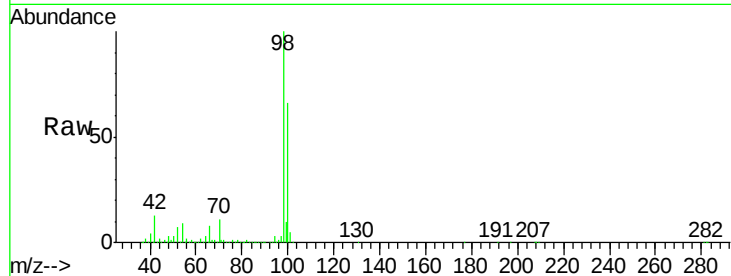
VW0213SBSD01

Tot Ion: 98 Resp: 762976

Ion Ratio Lower Upper

98 100

100 66.4 52.2 78.4



#51

4-Methyl-2-Pentanone

Concen: 1.003 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW008647.D

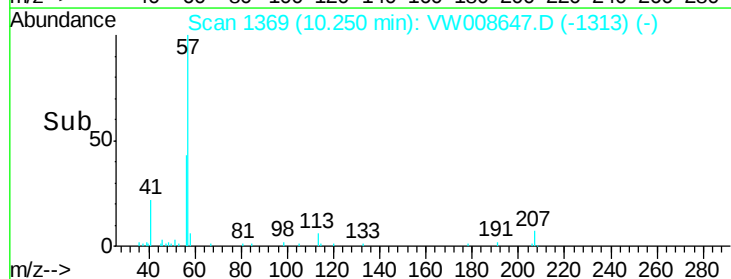
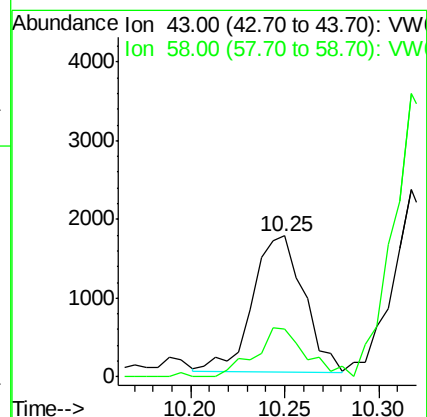
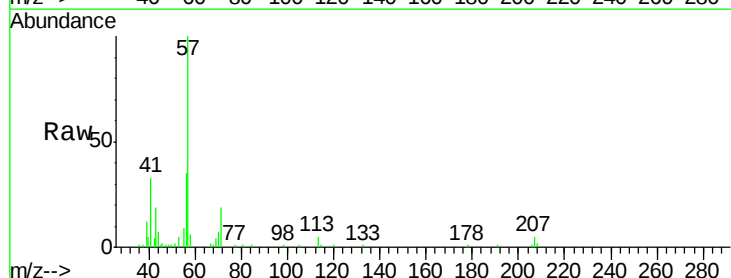
Acq: 13 Feb 2019 19:18

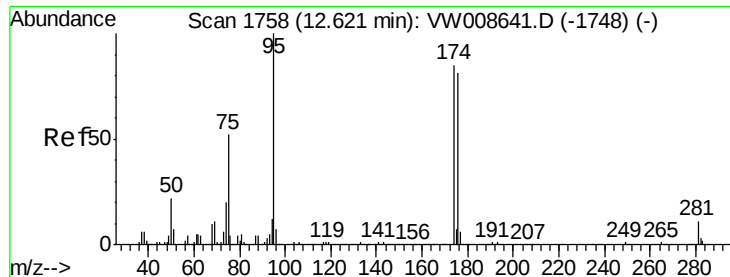
Tgt Ion: 43 Resp: 3227

Ion Ratio Lower Upper

43 100

58 35.9 29.0 43.6





#62

4-Bromofluorobenzene

Concen: 45.269 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008647.D

Acq: 13 Feb 2019 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW0213SBSD01

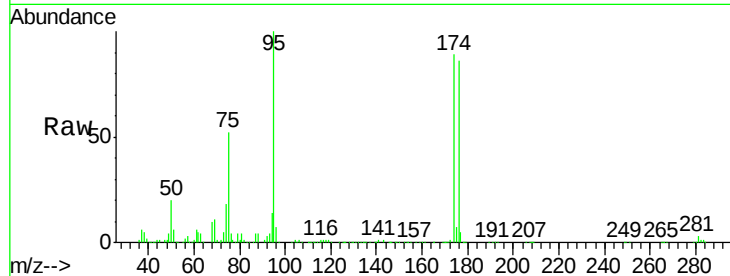
Tot Ion: 95 Resp: 264434

Ion Ratio Lower Upper

95 100

174 84.8 0.0 163.2

176 82.6 0.0 158.0



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

12.62

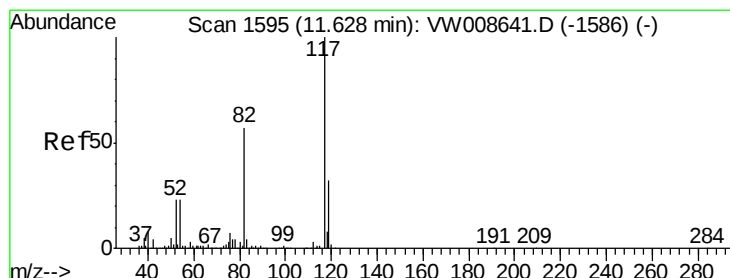
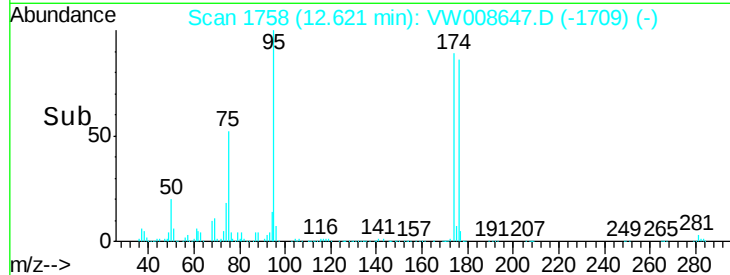
150000

100000

50000

0

Time--> 12.50 12.60 12.70



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW008647.D

Acq: 13 Feb 2019 19:18

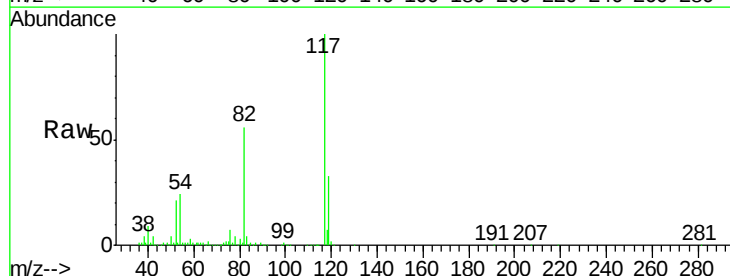
Tgt Ion: 117 Resp: 554247

Ion Ratio Lower Upper

117 100

82 56.5 45.6 68.4

119 32.6 25.7 38.5



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

11.63

400000

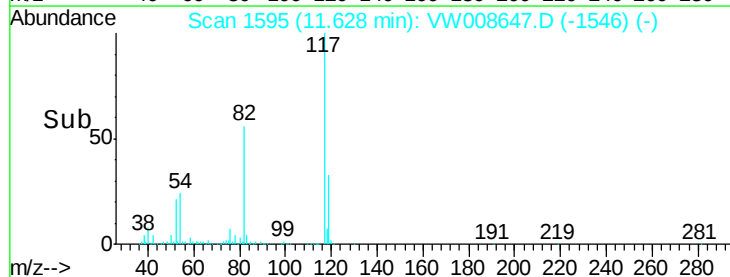
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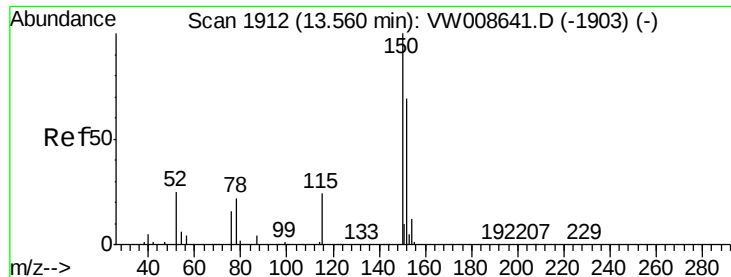
200000

100000

0

Time--> 11.50 11.60 11.70



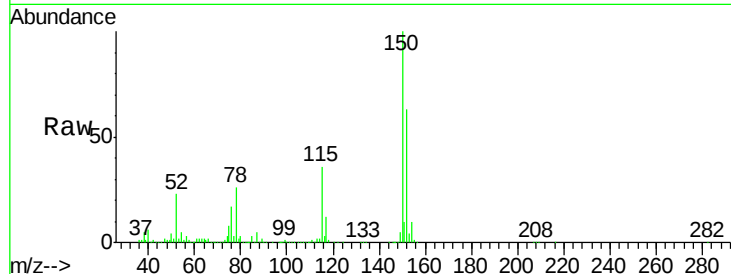


#72

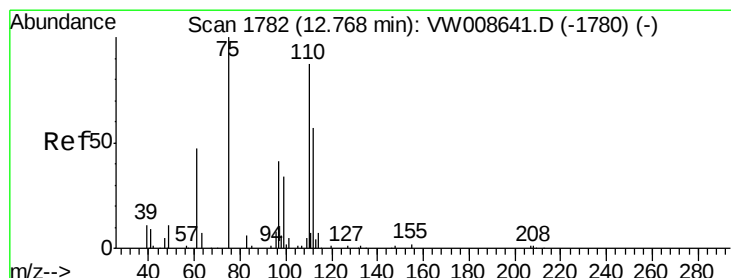
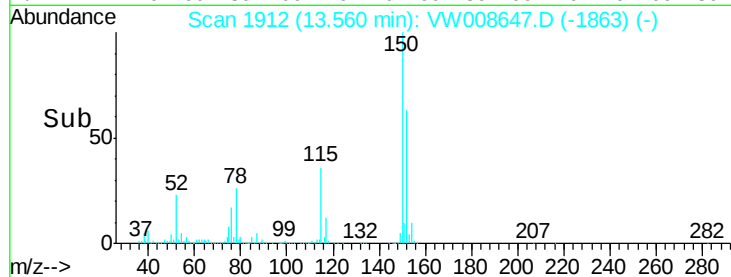
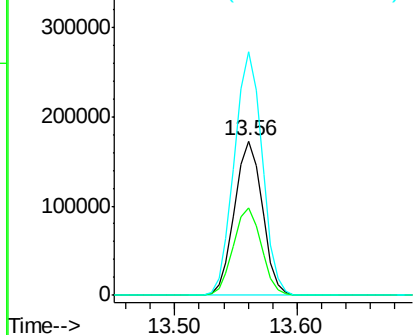
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008647.D
Acq: 13 Feb 2019 19:18

Instrument :
MSVOA_W
ClientSampled :
VW0213SBS01

Tot Ion:152 Resp: 272227
Ion Ratio Lower Upper
152 100
115 57.3 29.3 87.8
150 158.3 0.0 352.8



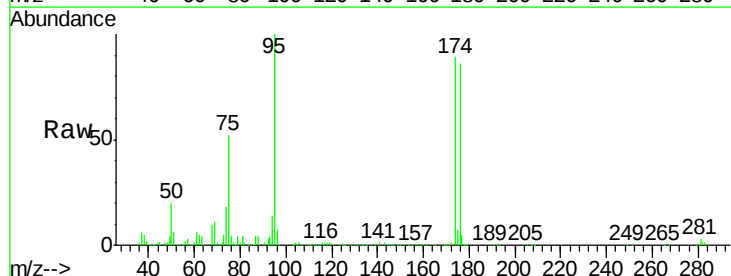
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



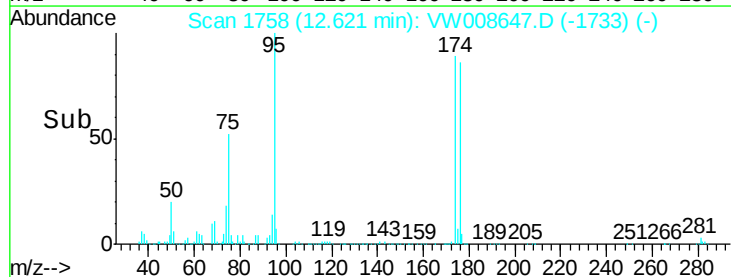
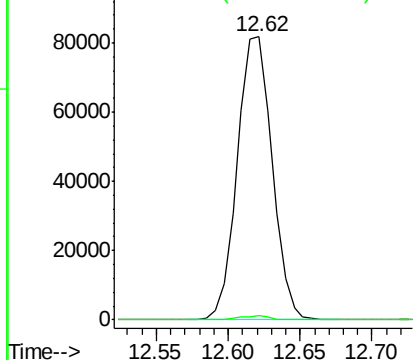
#76

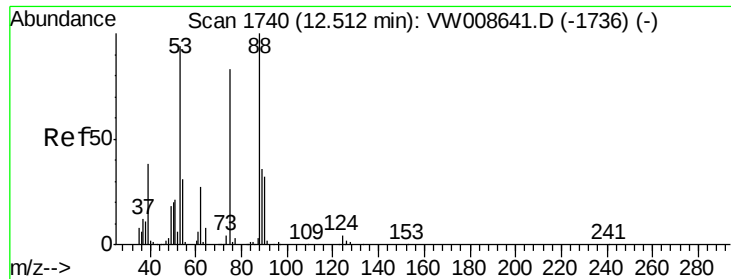
1,2,3-Trichloropropane
Concen: 51.191 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008647.D
Acq: 13 Feb 2019 19:18

Tgt Ion: 75 Resp: 137607
Ion Ratio Lower Upper
75 100
77 1.6 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: 109.698 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008647.D

Acq: 13 Feb 2019 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW0213SBSD01

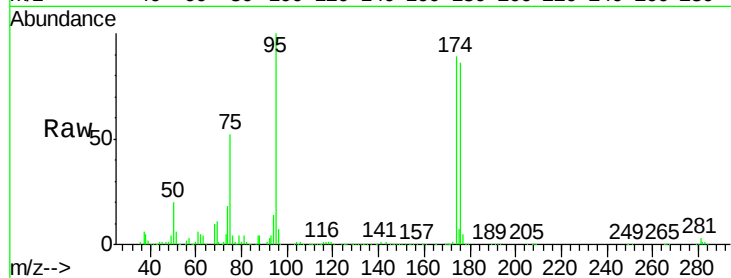
Tot Ion: 75 Resp: 137607

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.0#

89 0.0 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

