

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\
 Data File : VW007641.D
 Acq On : 17 Dec 2018 19:24
 Operator : SY/AP
 Sample : J6378-24
 Misc : 7.00G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 07:06:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	32220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	55040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	47950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	18684	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	20855	58.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.68%	
35) Dibromofluoromethane	7.88	113	17794	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
50) Toluene-d8	10.32	98	60192	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
62) 4-Bromofluorobenzene	12.62	95	20195	43.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.94%	

Target Compounds

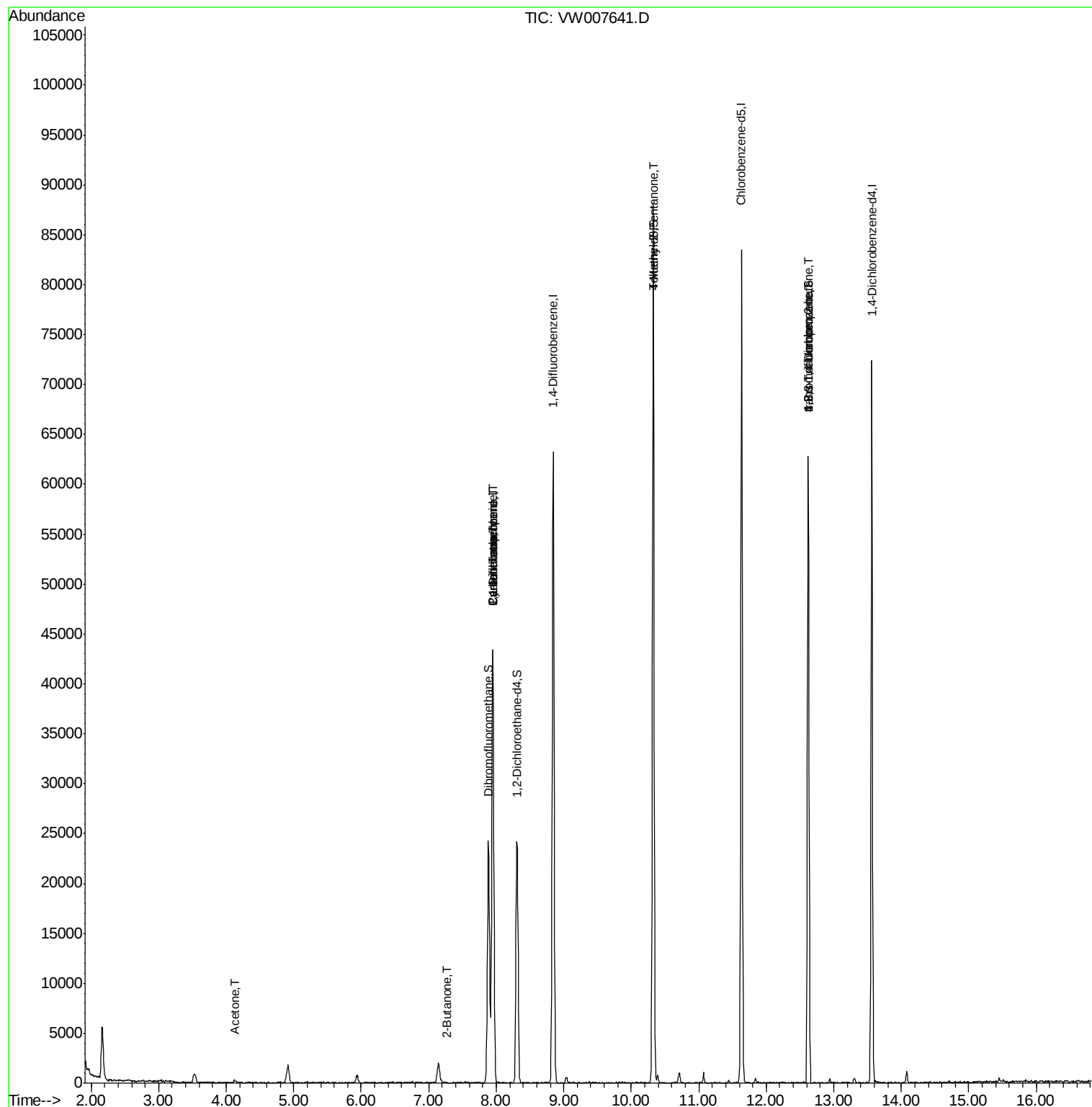
					Qvalue	
16) Acetone	4.12	43	590	9.450	ug/l #	75
20) Methylene Chloride	4.92	84	1291	Below Cal	#	89
25) 2-Butanone	7.27	43	86	1.055	ug/l #	45
31) Cyclohexane	7.95	56	727	1.309	ug/l #	41
36) 1,1-Dichloropropene	7.95	75	2532	5.043	ug/l #	48
38) Carbon Tetrachloride	7.95	117	3502	6.410	ug/l #	17
51) 4-Methyl-2-Pentanone	10.33	43	294	1.687	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	10474	67.989	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	10474	150.188	ug/l #	7

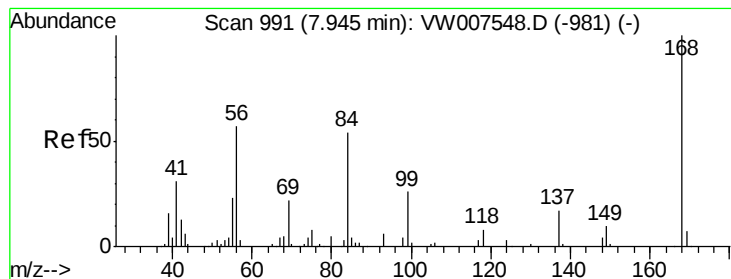
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121918\
Data File : VW007641.D
Acq On : 17 Dec 2018 19:24
Operator : SY/AP
Sample : J6378-24
Misc : 7.00G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 18 07:06:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007641.D

Acq: 17 Dec 2018 19:24

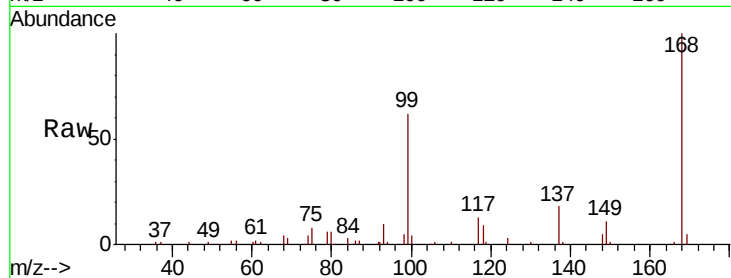
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 32220

Ion Ratio Lower Upper

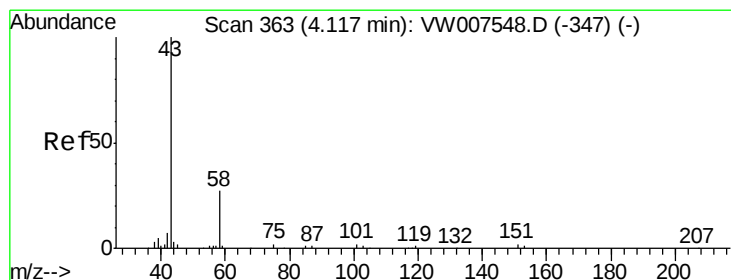
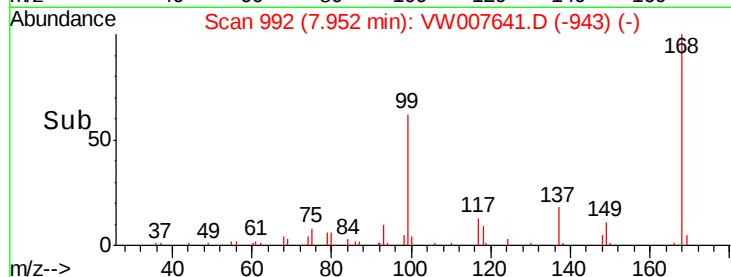
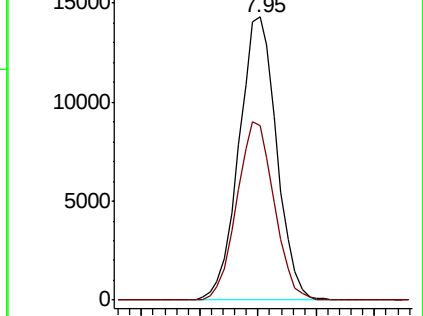
168 100

99 61.6 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 9.450 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007641.D

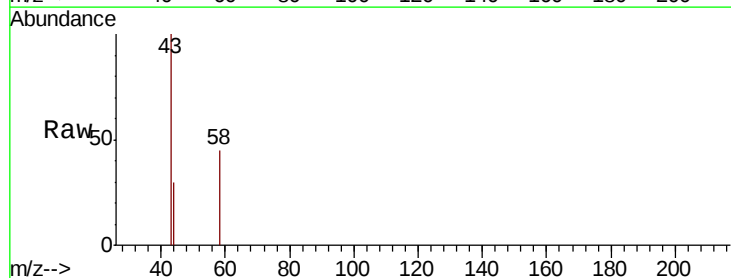
Acq: 17 Dec 2018 19:24

Tgt Ion: 43 Resp: 590

Ion Ratio Lower Upper

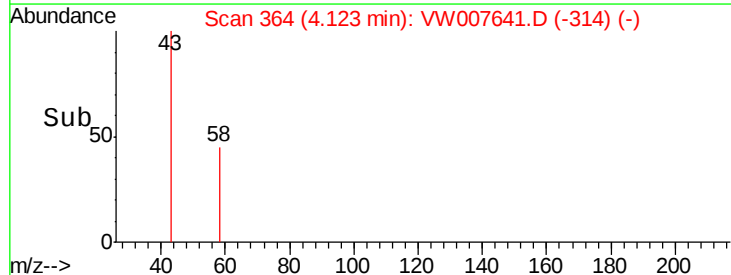
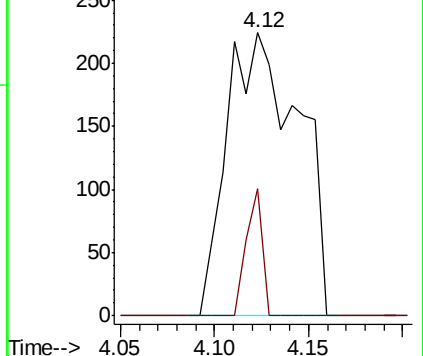
43 100

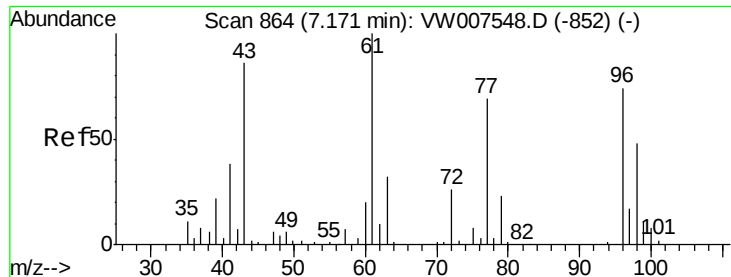
58 45.1 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

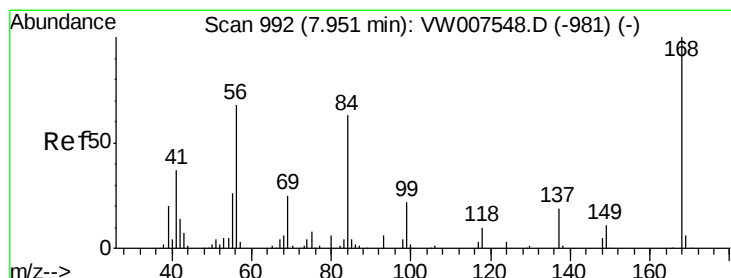
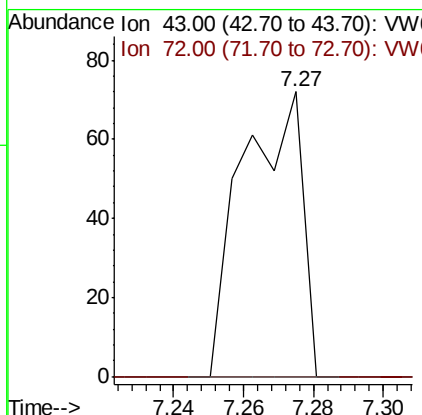
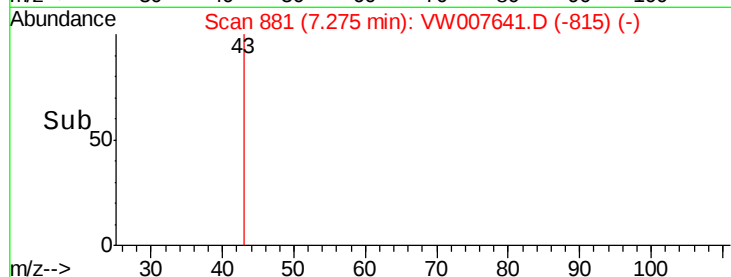
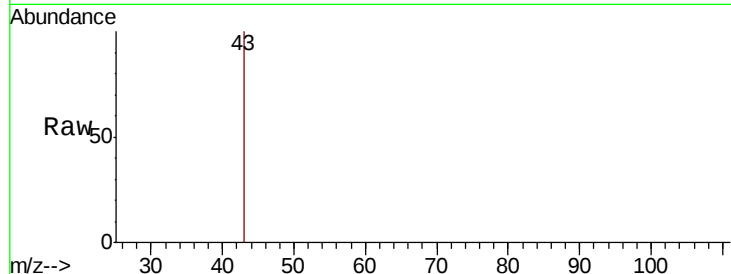




#25
2-Butanone
Concen: 1.055 ug/l
RT: 7.27 min Scan# 881
Delta R.T. 0.10 min
Lab File: VW007641.D
Acq: 17 Dec 2018 19:24

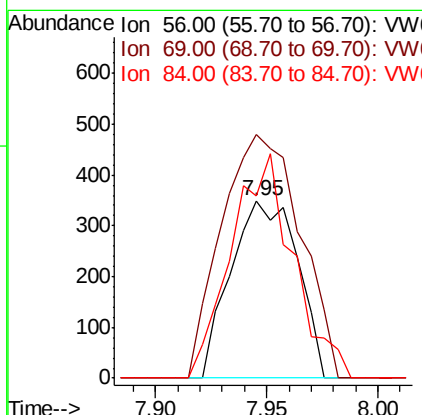
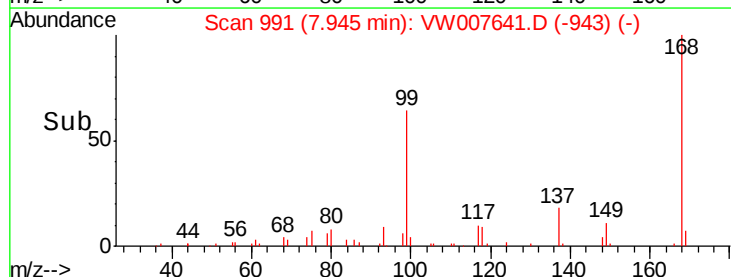
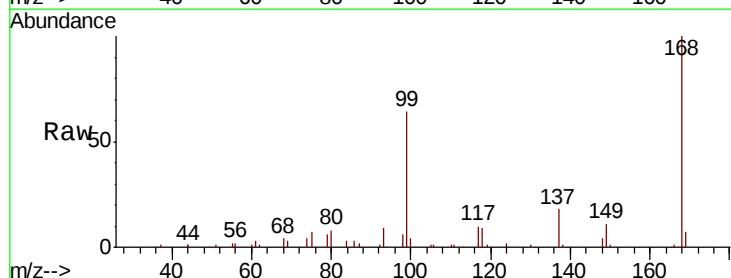
Instrument :
MSVOA_W
ClientSampleId :

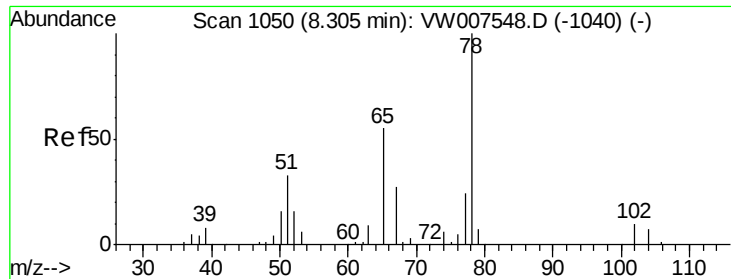
Tot Ion: 43 Resp: 86
Ion Ratio Lower Upper
43 100
72 0.0 23.4 35.2#



#31
Cyclohexane
Concen: 1.309 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007641.D
Acq: 17 Dec 2018 19:24

Tgt Ion: 56 Resp: 727
Ion Ratio Lower Upper
56 100
69 137.2 28.9 43.3#
84 102.6 71.8 107.6

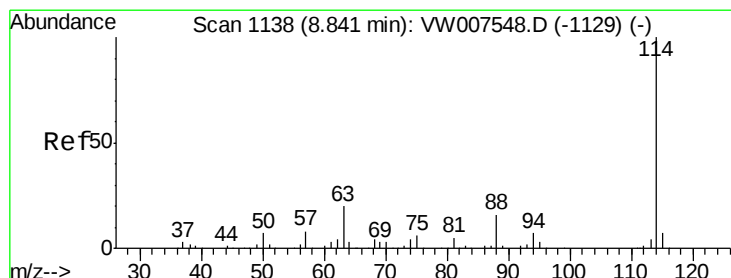
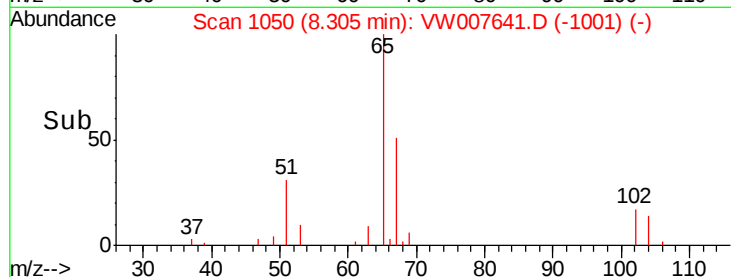
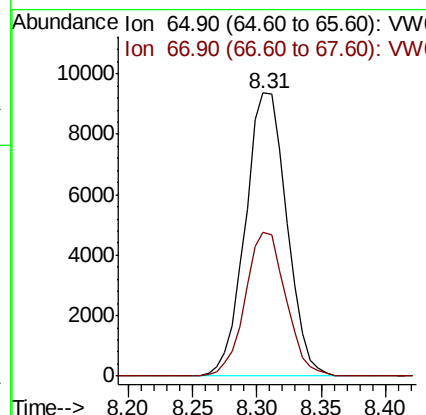
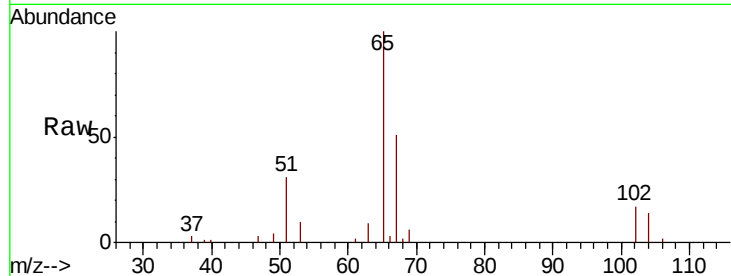




#33
 1,2-Dichloroethane-d4
 Concen: 58.343 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007641.D
 Acq: 17 Dec 2018 19:24

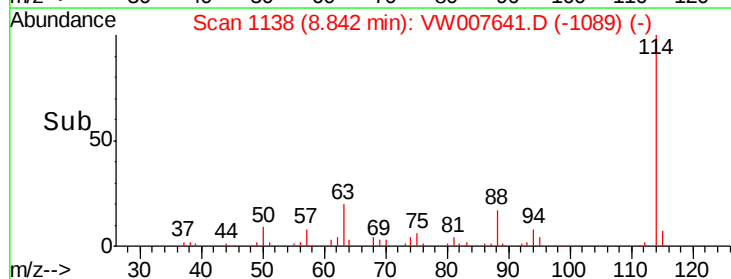
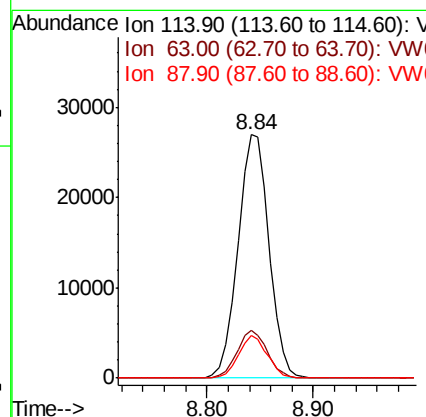
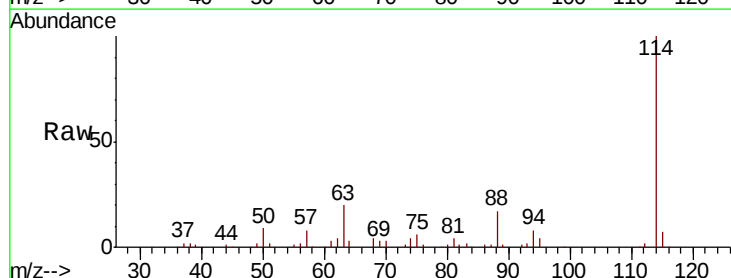
Instrument :
 MSVOA_W
 ClientSampleId :

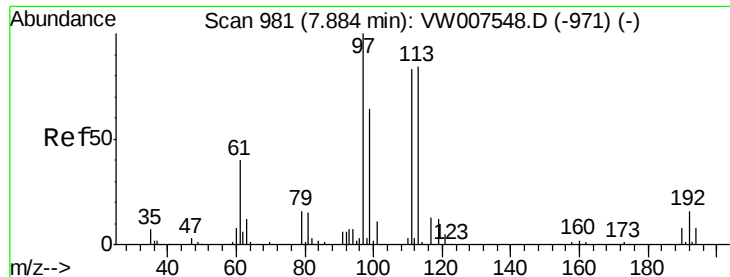
Tot Ion: 65 Resp: 20855
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007641.D
 Acq: 17 Dec 2018 19:24

Tgt Ion: 114 Resp: 55040
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.6
 88 17.4 0.0 31.4

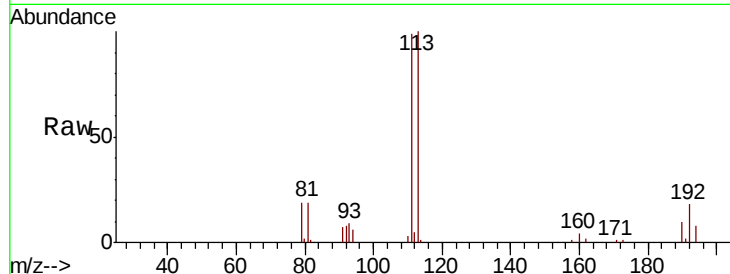




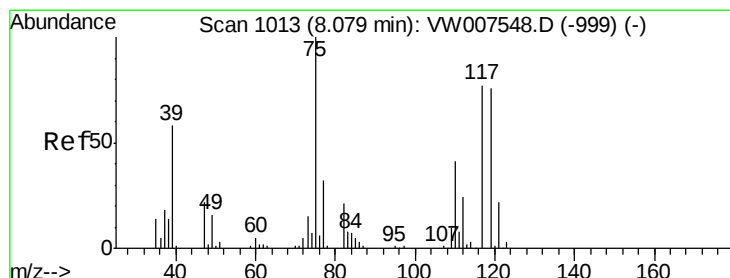
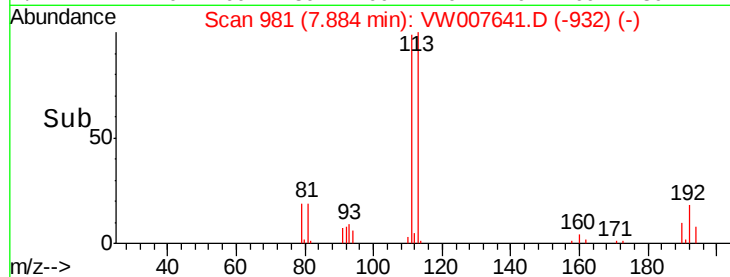
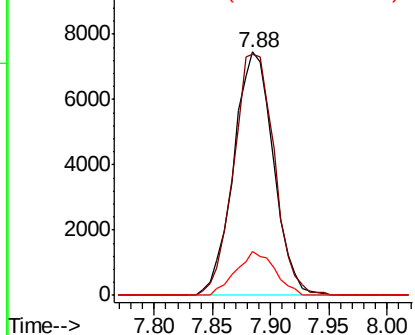
#35
 Dibromofluoromethane
 Concen: 53.407 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007641.D
 Acq: 17 Dec 2018 19:24

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 17794
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.1 121.7
 192 17.5 14.6 21.8

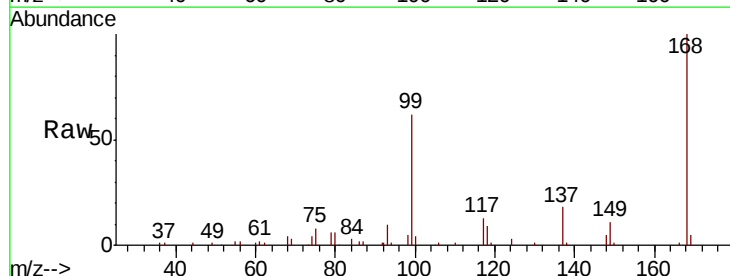


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

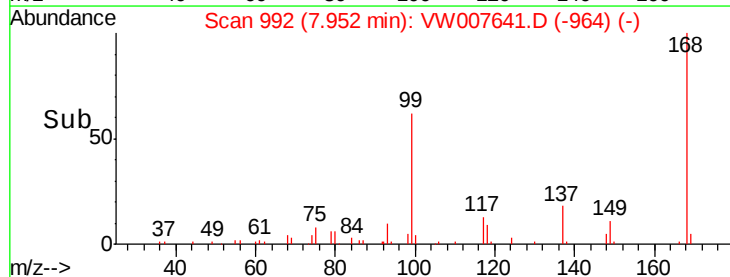
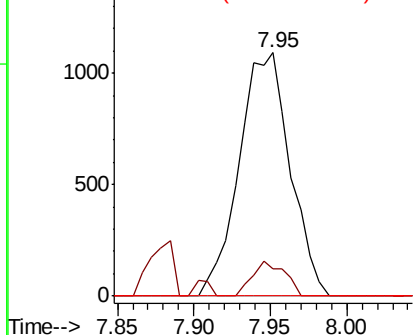


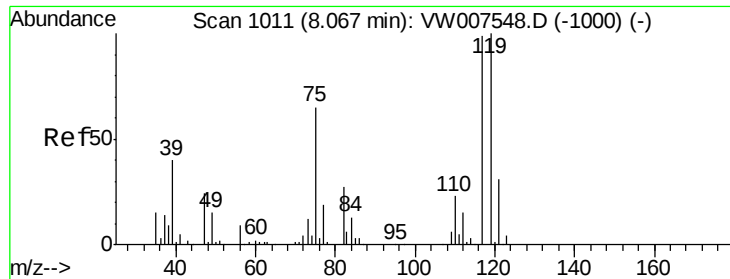
#36
 1,1-Dichloropropene
 Concen: 5.043 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007641.D
 Acq: 17 Dec 2018 19:24

Tgt Ion: 75 Resp: 2532
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.5 55.5#
 77 0.0 25.6 38.4#



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

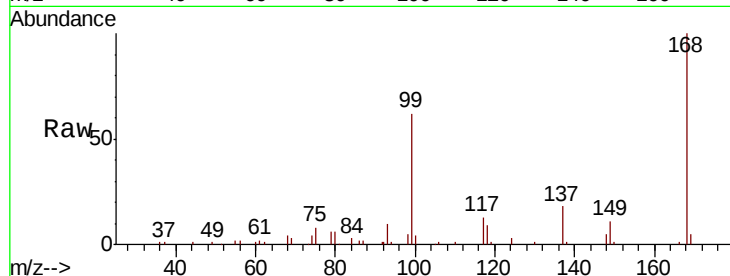




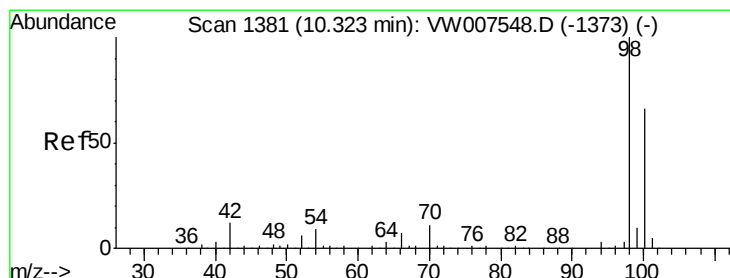
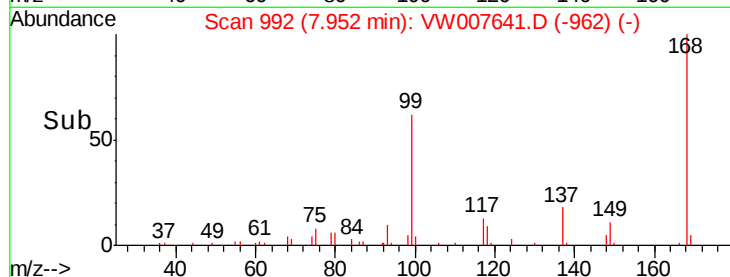
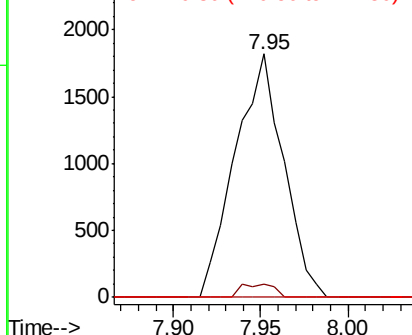
#38
Carbon Tetrachloride
Concen: 6.410 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007641.D
Acq: 17 Dec 2018 19:24

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 3502
Ion Ratio Lower Upper
117 100
119 5.2 74.3 111.5#
121 0.0 24.3 36.5#

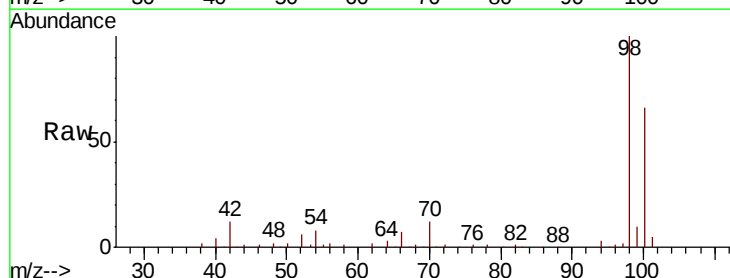


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

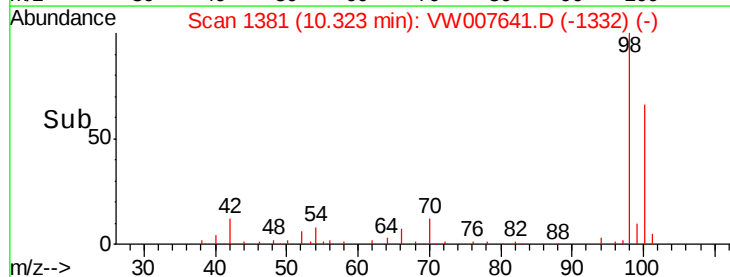
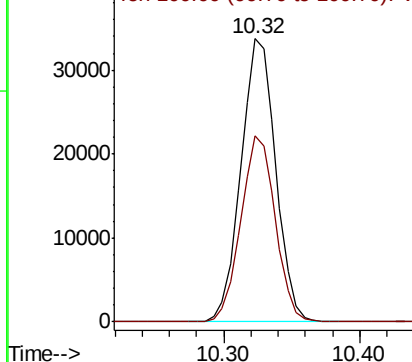


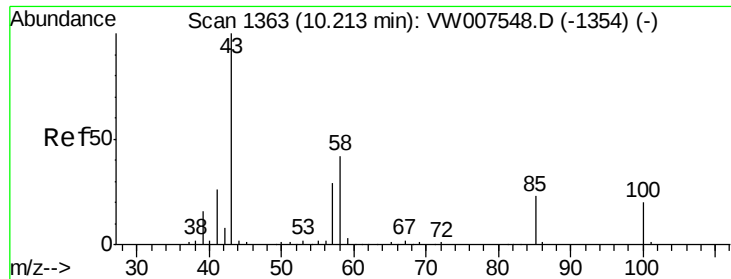
#50
Toluene-d8
Concen: 48.183 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007641.D
Acq: 17 Dec 2018 19:24

Tgt Ion: 98 Resp: 60192
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.687 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW007641.D

Acq: 17 Dec 2018 19:24

Instrument :

MSVOA_W

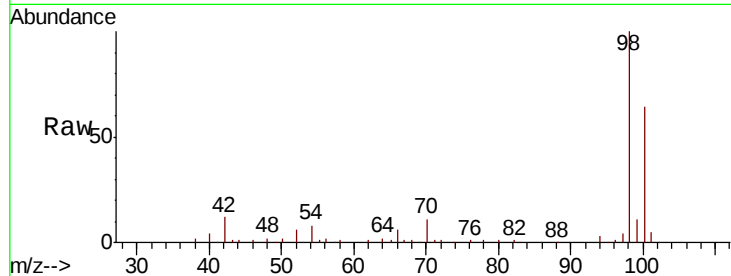
ClientSampleId :

Tot Ion: 43 Resp: 294

Ion Ratio Lower Upper

43 100

58 123.8 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

300

250

200

150

100

50

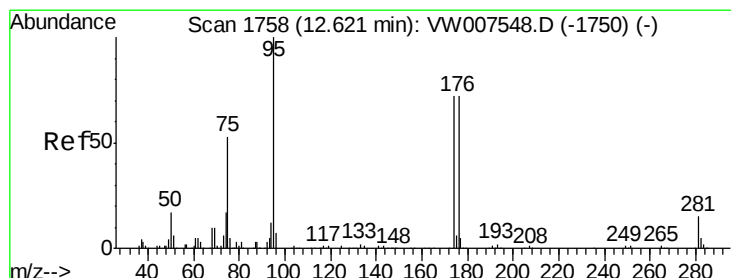
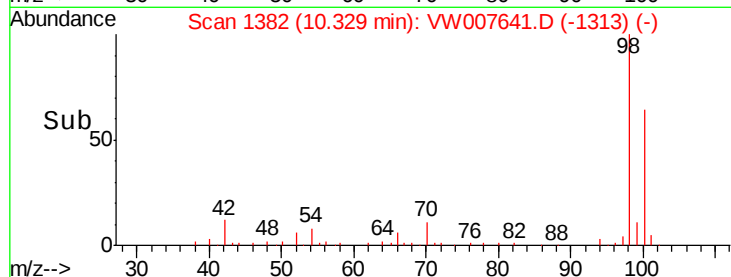
0

10.30

10.33

10.35

Time-->



#62

4-Bromofluorobenzene

Concen: 43.968 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007641.D

Acq: 17 Dec 2018 19:24

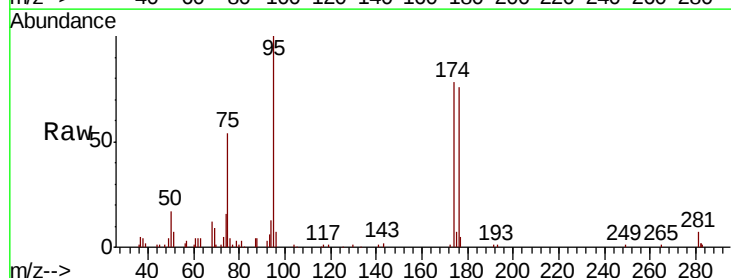
Tgt Ion: 95 Resp: 20195

Ion Ratio Lower Upper

95 100

174 76.9 0.0 147.2

176 75.2 0.0 138.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

15000

10000

5000

0

12.55

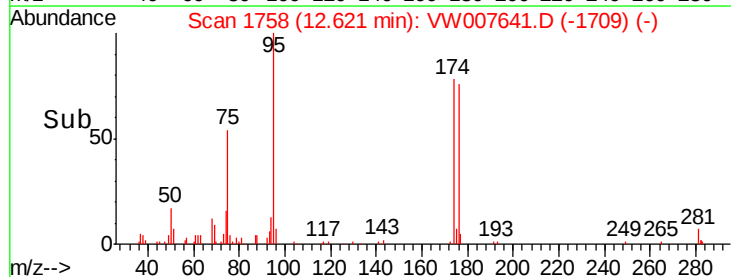
12.60

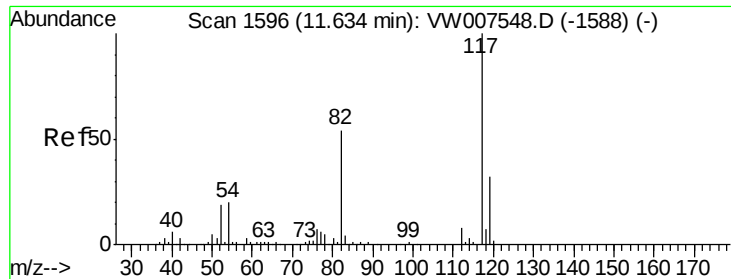
12.62

12.65

12.70

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW007641.D

Acq: 17 Dec 2018 19:24

Instrument :

MSVOA_W

ClientSampled :

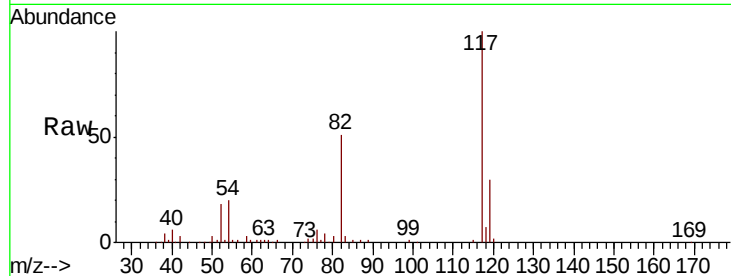
Tot Ion:117 Resp: 47950

Ion Ratio Lower Upper

117 100

82 51.4 42.3 63.5

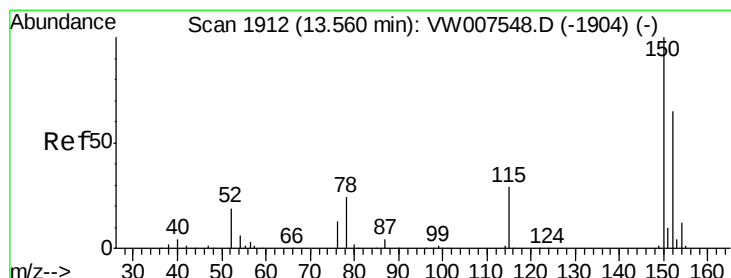
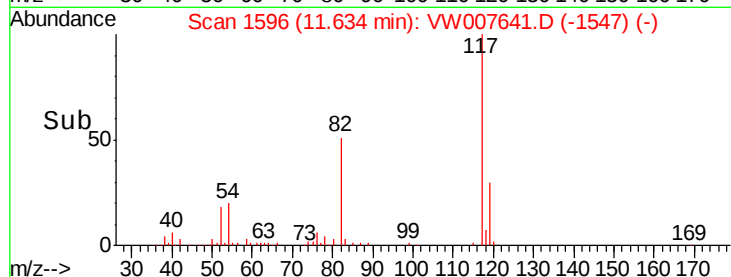
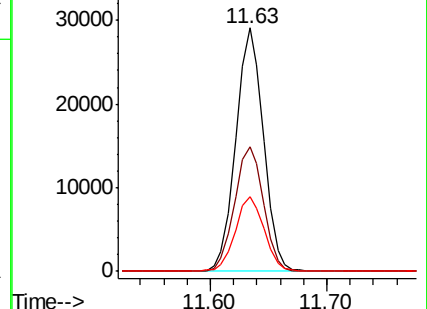
119 30.5 23.0 34.6



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: VW007641.D

Acq: 17 Dec 2018 19:24

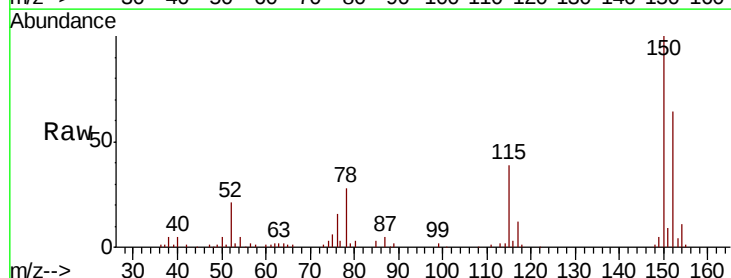
Tgt Ion:152 Resp: 18684

Ion Ratio Lower Upper

152 100

115 63.5 31.4 94.2

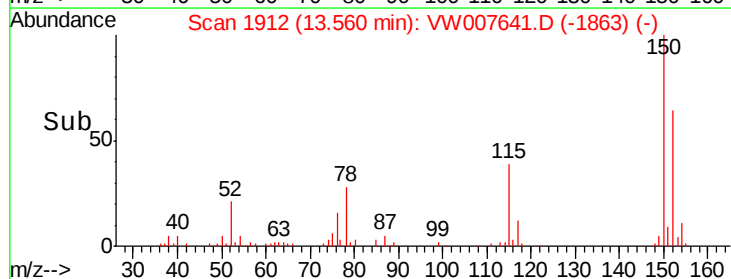
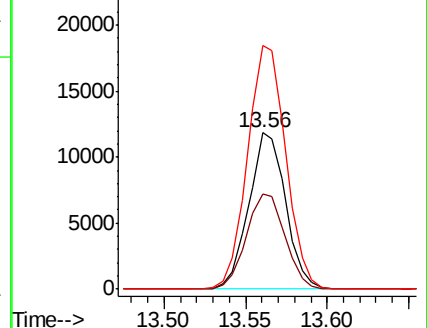
150 160.9 0.0 358.4

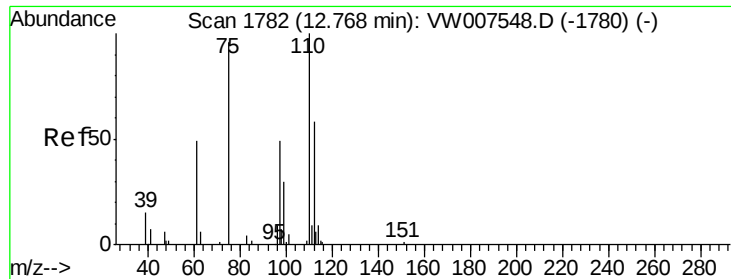


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 67.989 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007641.D

Acq: 17 Dec 2018 19:24

Instrument :

MSVOA_W

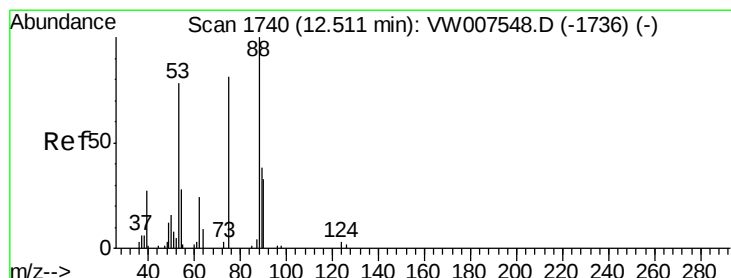
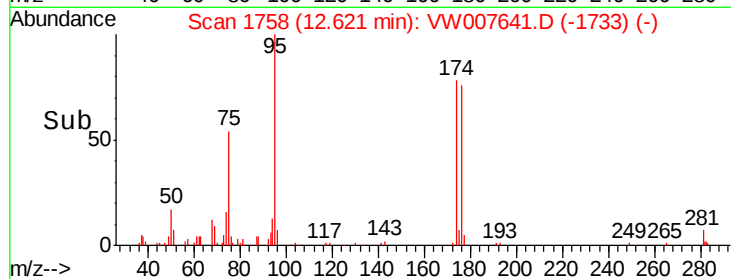
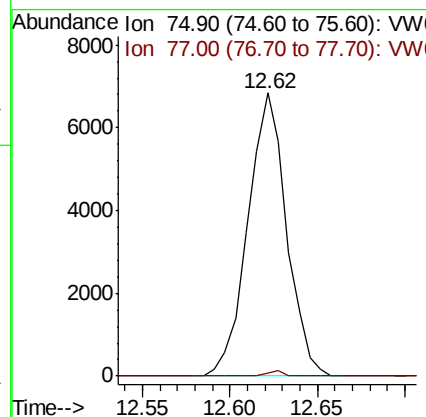
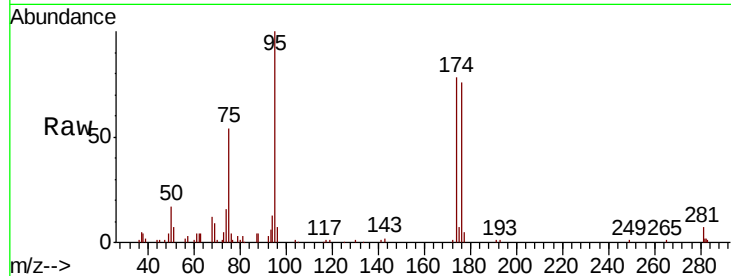
ClientSampleId :

Tot Ion: 75 Resp: 10474

Ion Ratio Lower Upper

75 100

77 0.8 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 150.188 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007641.D

Acq: 17 Dec 2018 19:24

Tgt Ion: 75 Resp: 10474

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

