

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\
 Data File : VW007637.D
 Acq On : 17 Dec 2018 17:41
 Operator : SY/AP
 Sample : J6378-19RE
 Misc : 5.39G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 07:06:16 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	2923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	4435	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	3242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	601	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	2006	61.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	123.72%	
35) Dibromofluoromethane	7.89	113	1693	63.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	126.12%	
50) Toluene-d8	10.33	98	4746	47.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.30%	
62) 4-Bromofluorobenzene	12.62	95	1290	34.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	69.72%	

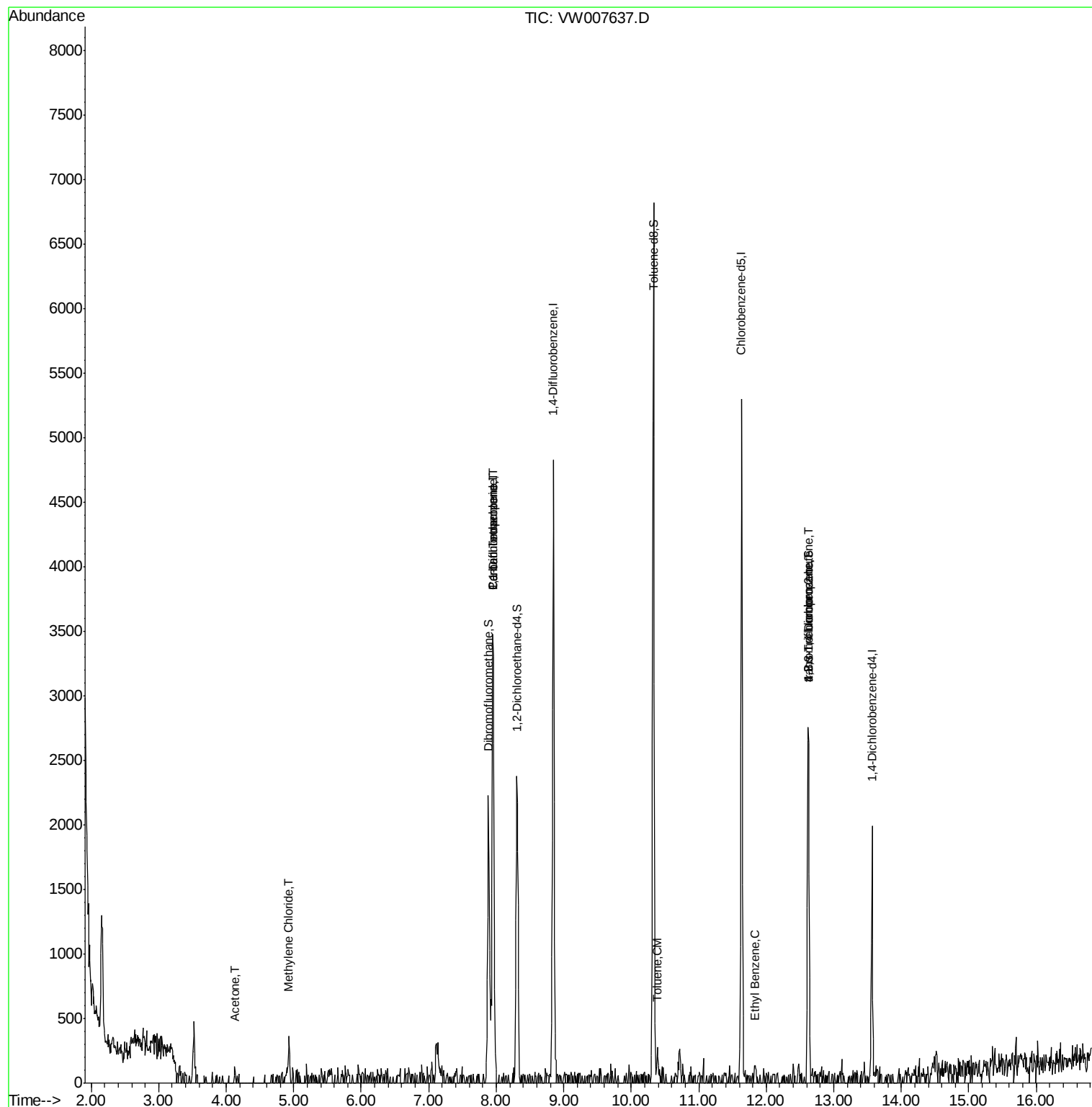
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	149	26.305	ug/l #	44
20) Methylene Chloride	4.93	84	229	3.771	ug/l #	55
36) 1,1-Dichloropropene	7.95	75	226	5.586	ug/l #	40
38) Carbon Tetrachloride	7.95	117	237	5.384	ug/l #	13
52) Toluene	10.39	92	79	1.087	ug/l #	1
67) Ethyl Benzene	11.84	91	161	1.386	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	655	132.179	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	655	291.984	ug/l #	7

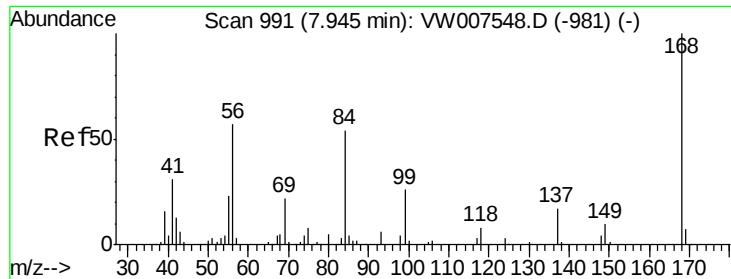
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 18 07:06:16 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: VW007637.D

Acq: 17 Dec 2018 17:41

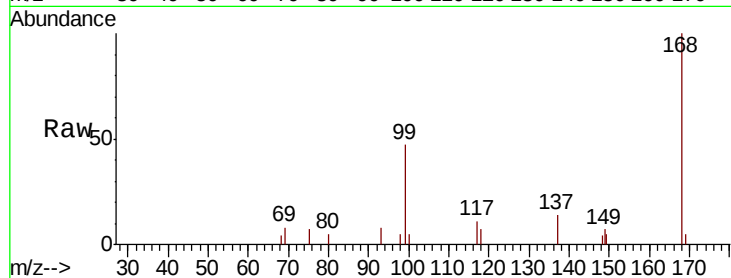
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 2923

Ion Ratio Lower Upper

168 100

99 47.5 48.3 72.5#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

1500

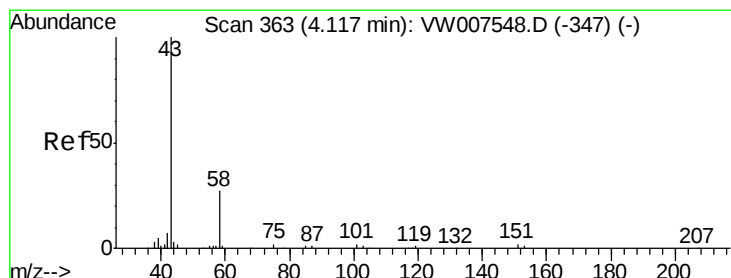
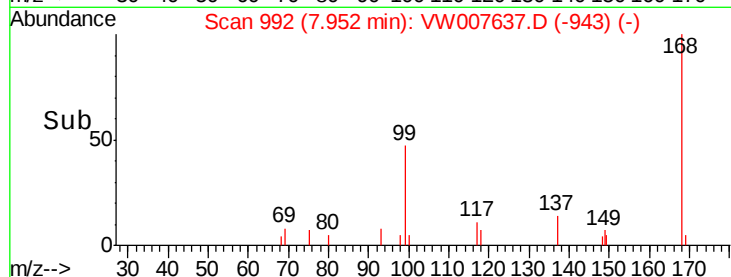
1000

500

0

Time-->

7.90 7.95 8.00



#16

Acetone

Concen: 26.305 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007637.D

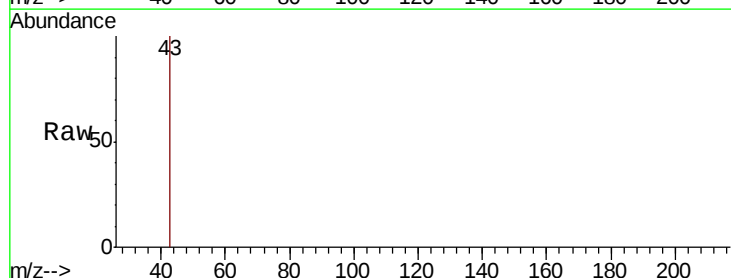
Acq: 17 Dec 2018 17:41

Tgt Ion: 43 Resp: 149

Ion Ratio Lower Upper

43 100

58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

150

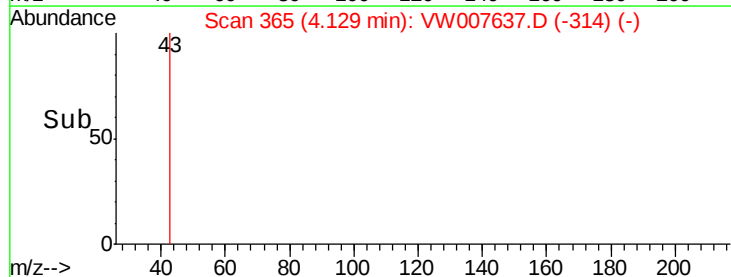
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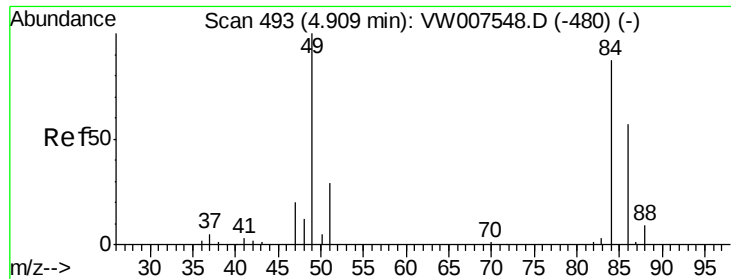
50

0

Time-->

4.10 4.12 4.14 4.16

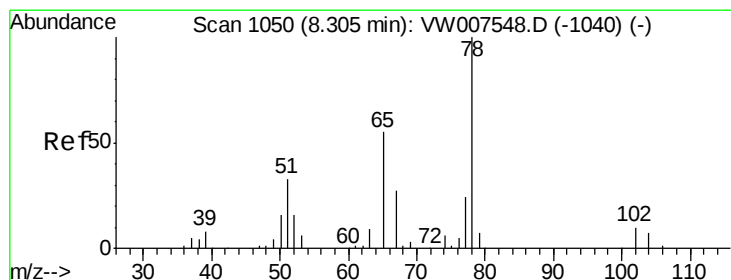
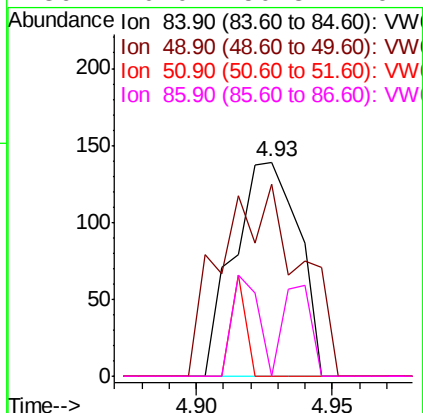
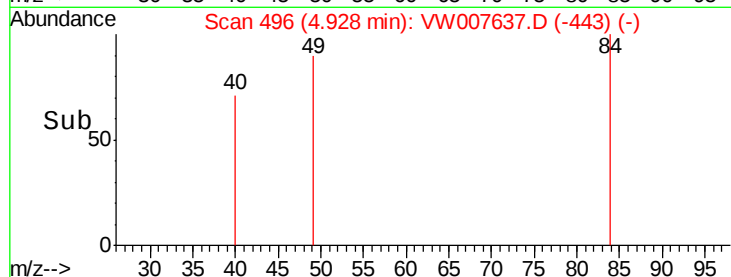
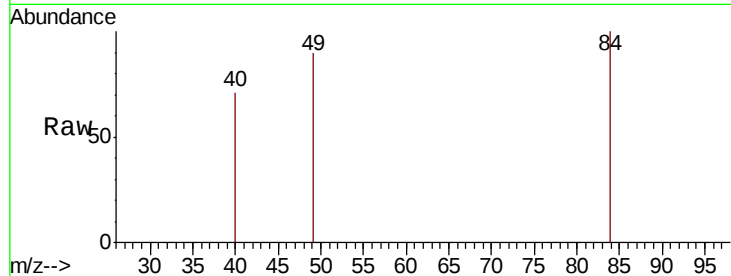




#20
Methvlene Chloride
Concen: 3.771 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.02 min
Lab File: VW007637.D
Acq: 17 Dec 2018 17:41

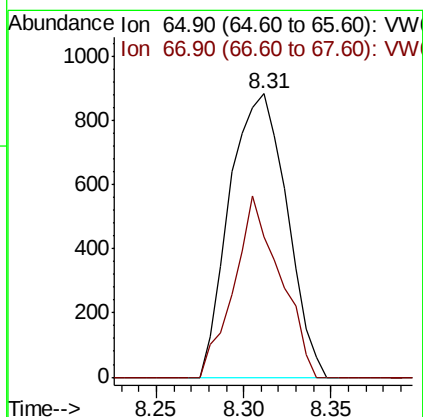
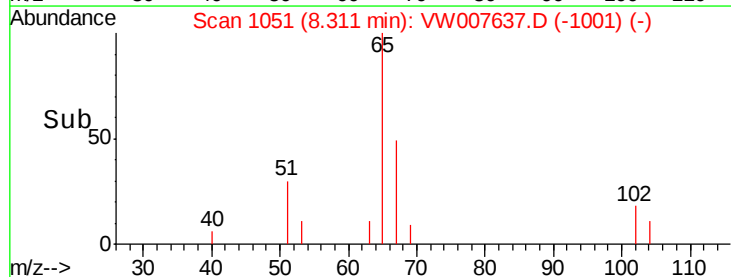
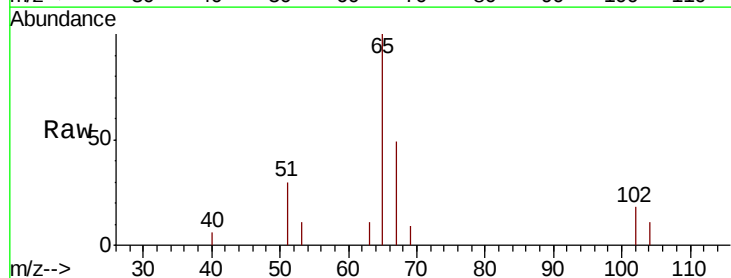
Instrument :
MSVOA_W
ClientSampled :

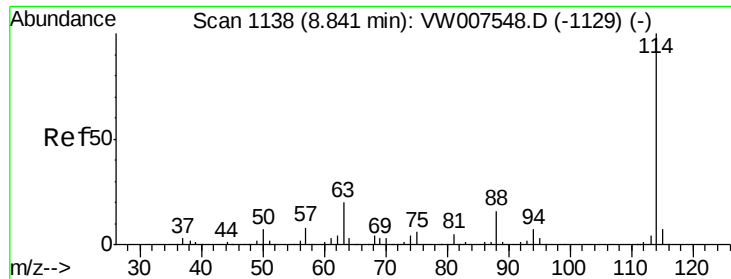
Tot Ion: 84 Resp: 229
Ion Ratio Lower Upper
84 100
49 89.9 87.1 130.7
51 0.0 28.2 42.2#
86 0.0 50.8 76.2#



#33
1,2-Dichloroethane-d4
Concen: 61.859 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VW007637.D
Acq: 17 Dec 2018 17:41

Tgt Ion: 65 Resp: 2006
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.6

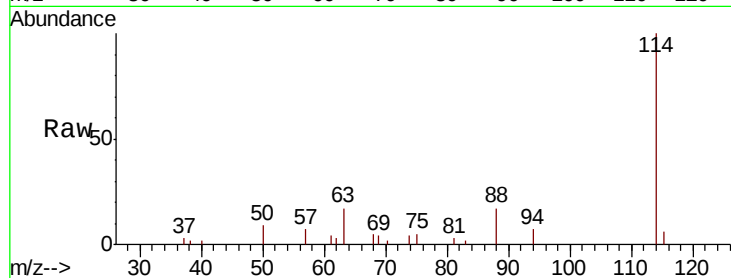




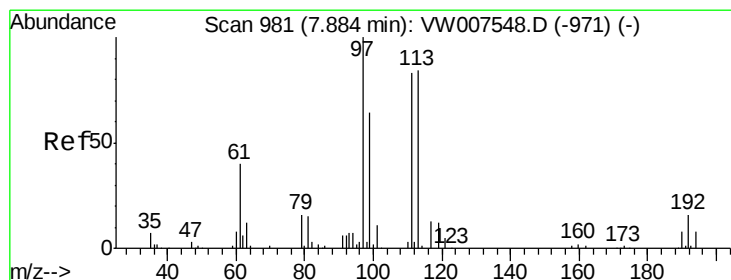
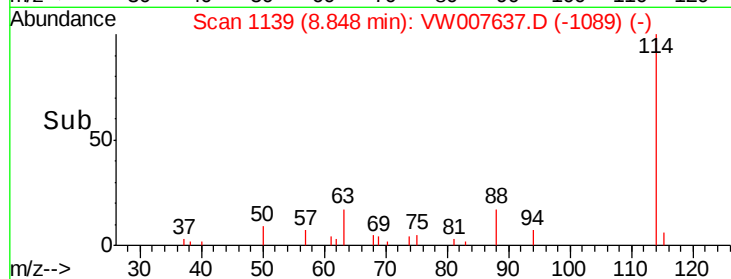
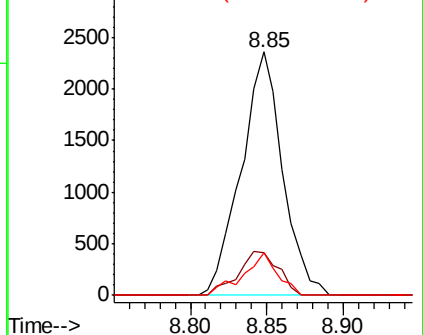
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.01 min
Lab File: VW007637.D
Acq: 17 Dec 2018 17:41

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 4435
Ion Ratio Lower Upper
114 100
63 17.4 0.0 39.6
88 17.3 0.0 31.4

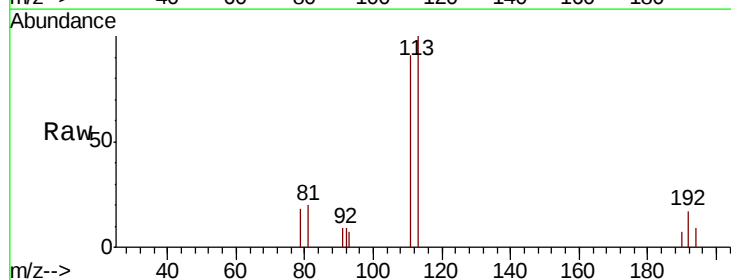


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

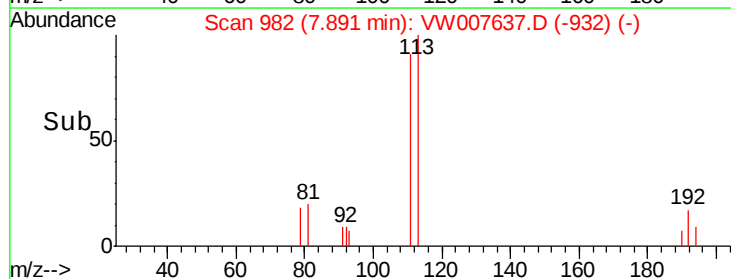
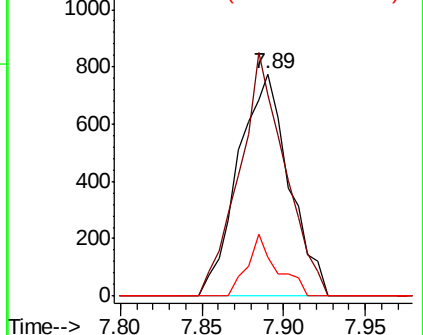


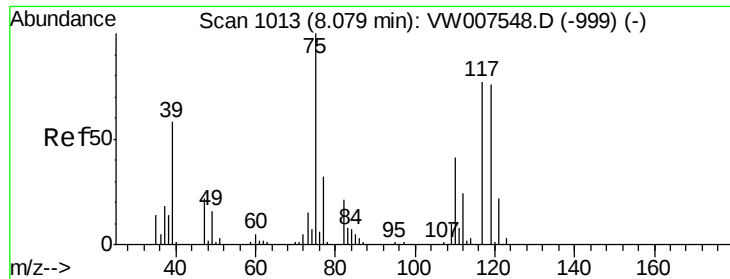
#35
Dibromofluoromethane
Concen: 63.061 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW007637.D
Acq: 17 Dec 2018 17:41

Tgt Ion:113 Resp: 1693
Ion Ratio Lower Upper
113 100
111 98.2 81.1 121.7
192 15.9 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

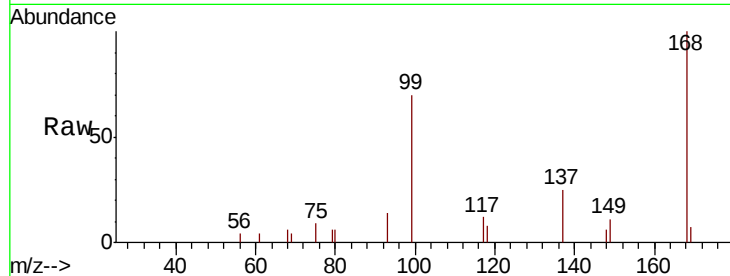




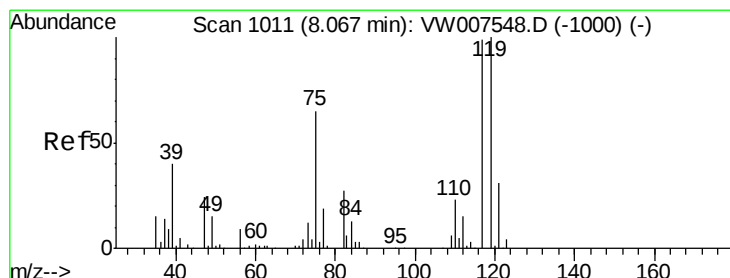
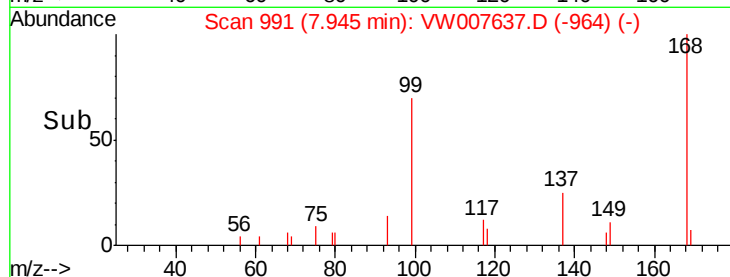
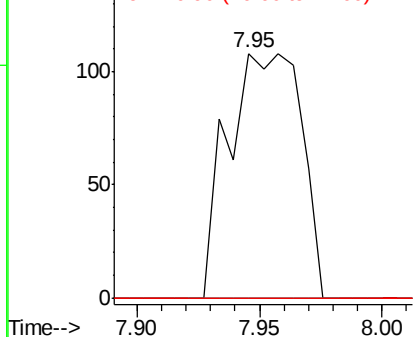
#36
 1,1-Dichloropropene
 Concen: 5.586 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007637.D
 Acq: 17 Dec 2018 17:41

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 75 Resp: 226
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.5 55.5#
 77 0.0 25.6 38.4#

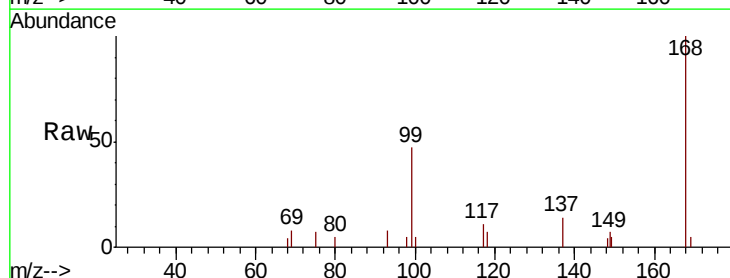


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

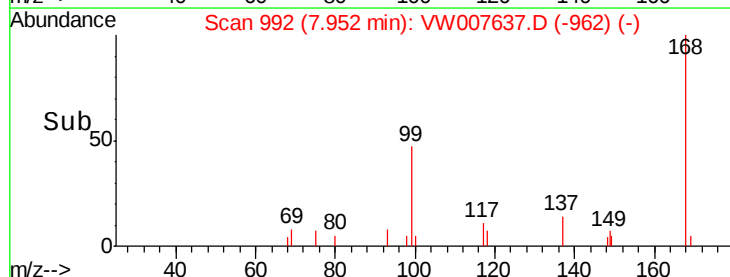
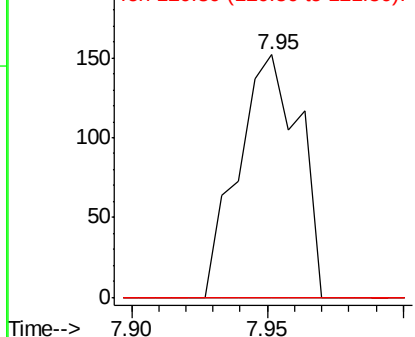


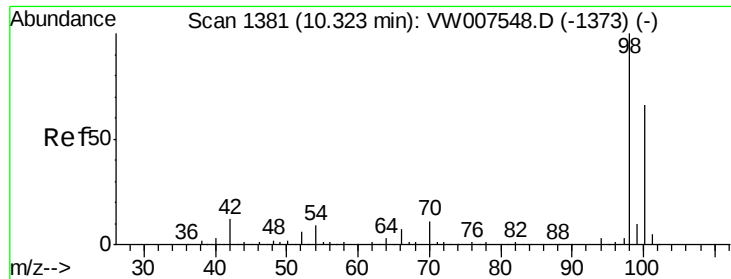
#38
 Carbon Tetrachloride
 Concen: 5.384 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007637.D
 Acq: 17 Dec 2018 17:41

Tgt Ion: 117 Resp: 237
 Ion Ratio Lower Upper
 117 100
 119 0.0 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

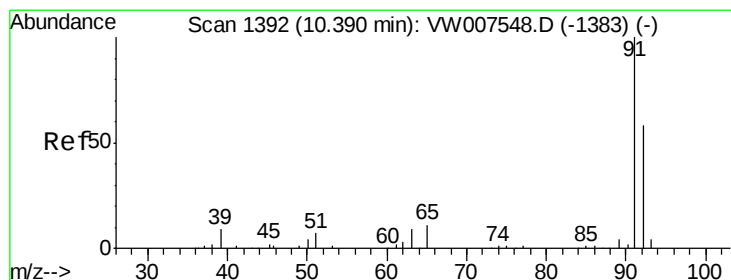
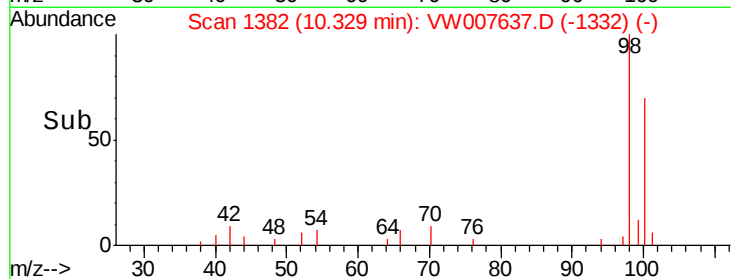
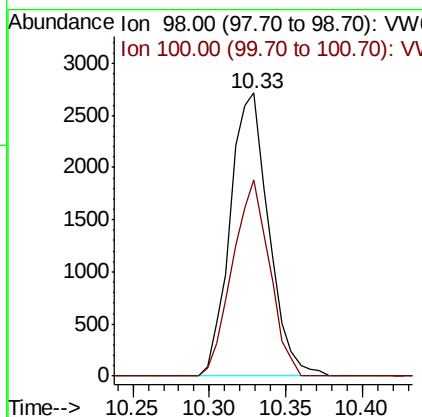
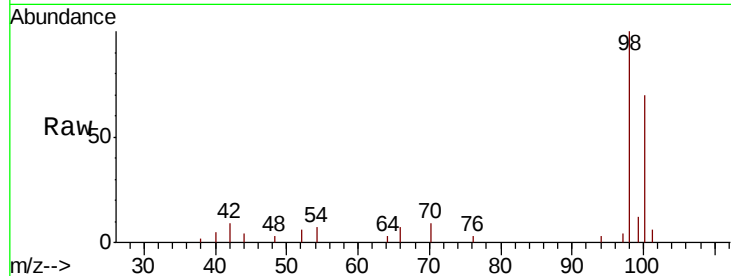




#50
Toluene-d8
Concen: 47.148 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW007637.D
Acq: 17 Dec 2018 17:41

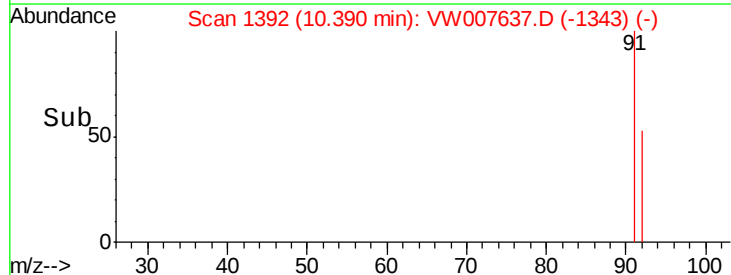
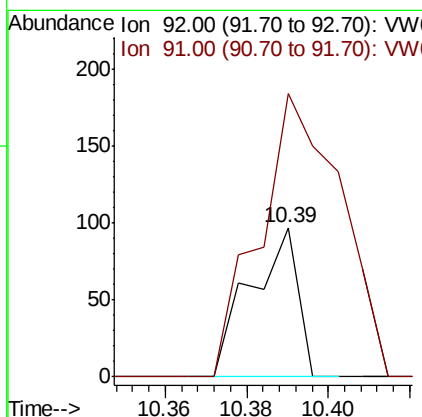
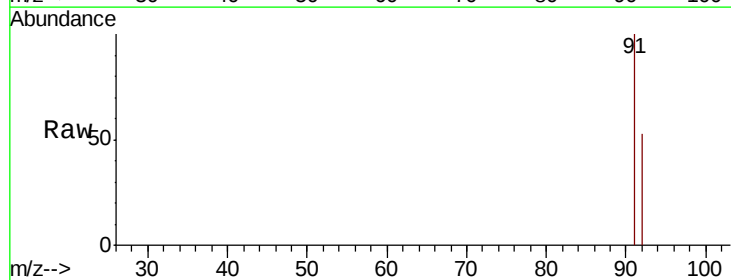
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MSVOA_W
ClientSampled :

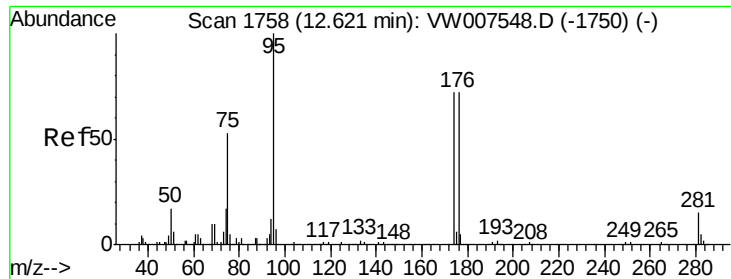
Tot Ion: 98 Resp: 4746
Ion Ratio Lower Upper
98 100
100 66.7 51.8 77.8



#52
Toluene
Concen: 1.087 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007637.D
Acq: 17 Dec 2018 17:41

Tgt Ion: 92 Resp: 79
Ion Ratio Lower Upper
92 100
91 324.1 136.2 204.2#

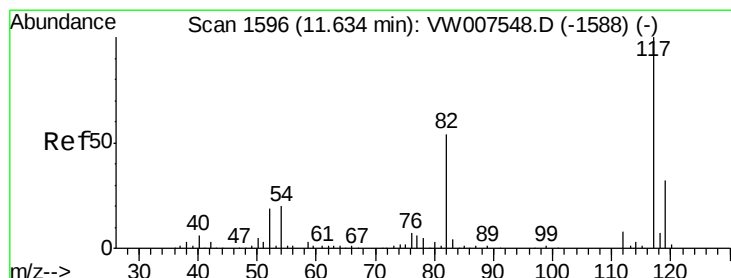
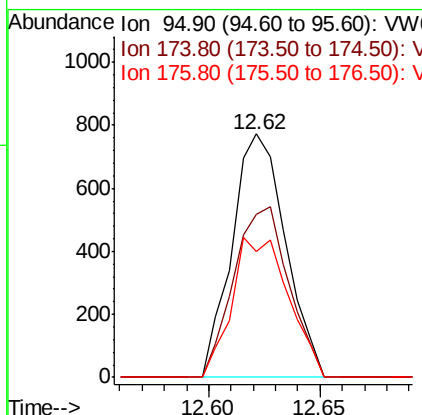
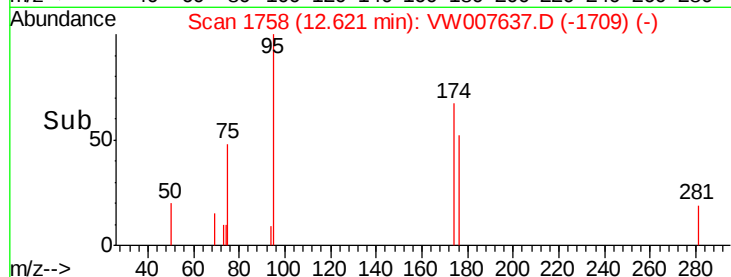
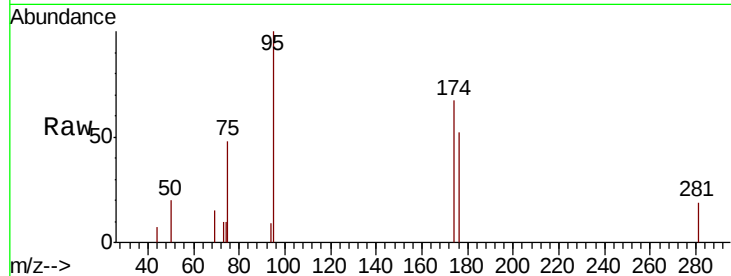




#62
4-Bromofluorobenzene
Concen: 34.855 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007637.D
Acq: 17 Dec 2018 17:41

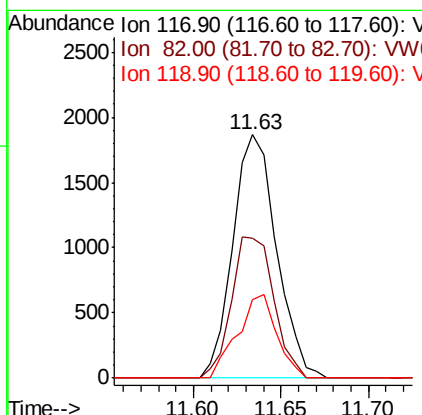
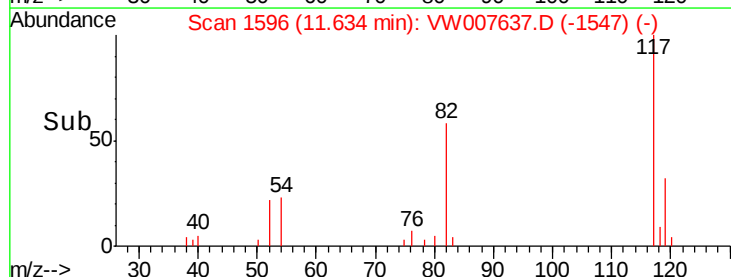
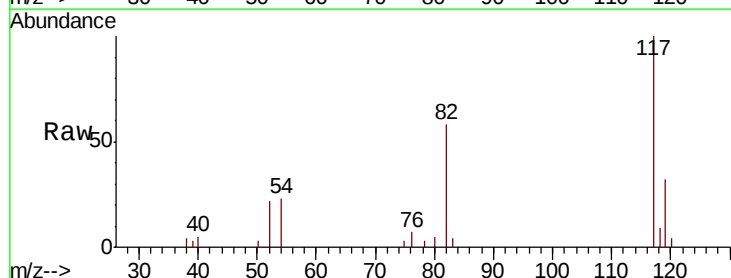
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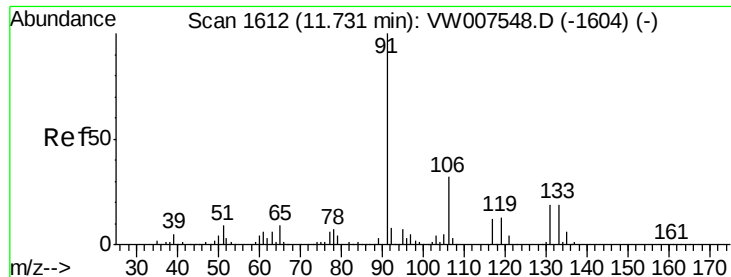
Tot Ion: 95 Resp: 1290
Ion Ratio Lower Upper
95 100
174 72.0 0.0 147.2
176 60.7 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007637.D
Acq: 17 Dec 2018 17:41

Tgt Ion: 117 Resp: 3242
Ion Ratio Lower Upper
117 100
82 57.7 42.3 63.5
119 32.1 23.0 34.6

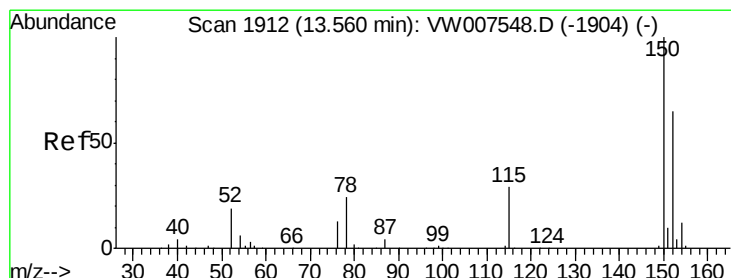
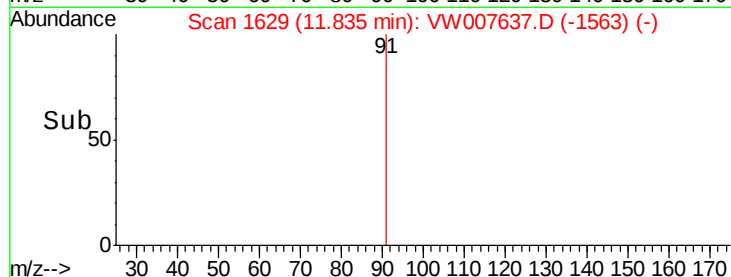
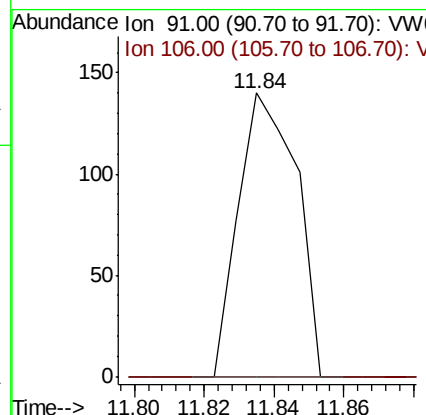
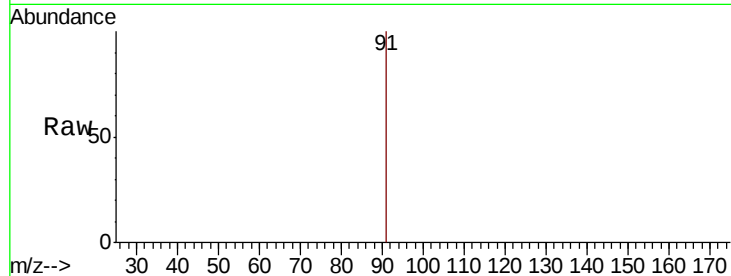




#67
Ethyl Benzene
Concen: 1.386 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.10 min
Lab File: VW007637.D
Acq: 17 Dec 2018 17:41

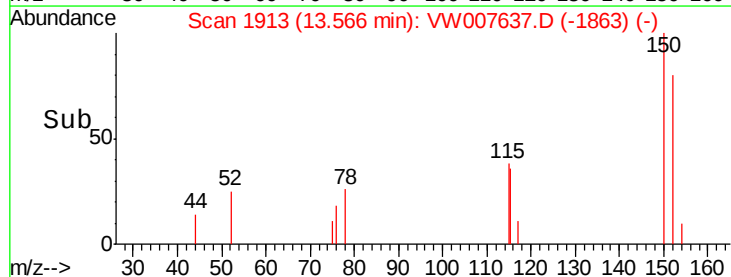
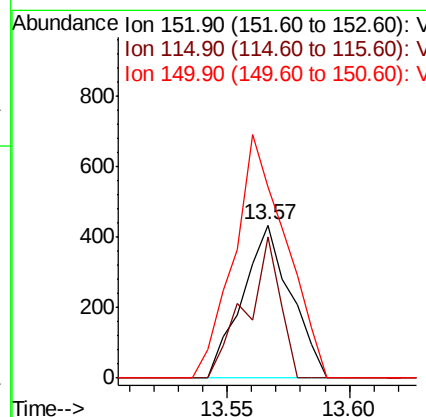
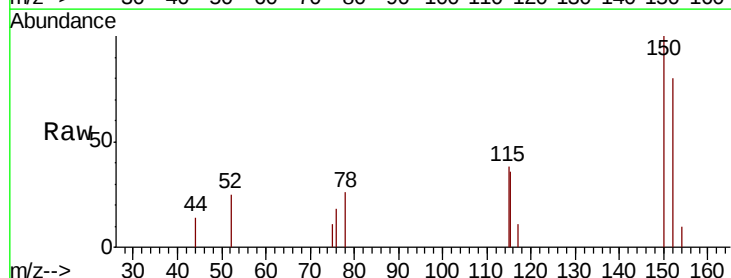
Instrument :
MSVOA_W
ClientSampleId :

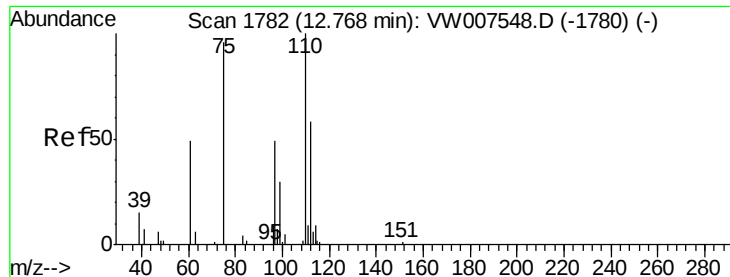
Tot Ion: 91 Resp: 161
Ion Ratio Lower Upper
91 100
106 0.0 21.8 32.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007637.D
Acq: 17 Dec 2018 17:41

Tgt Ion: 152 Resp: 601
Ion Ratio Lower Upper
152 100
115 65.1 31.4 94.2
150 169.4 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 132.179 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007637.D

Acq: 17 Dec 2018 17:41

Instrument :

MSVOA_W

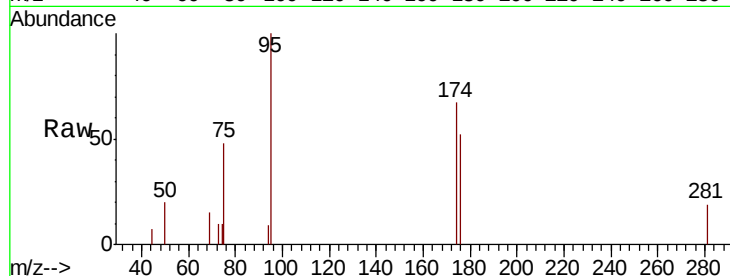
ClientSampled :

Tot Ion: 75 Resp: 655

Ion Ratio Lower Upper

75 100

77 0.0 166.9 500.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.62

400

300

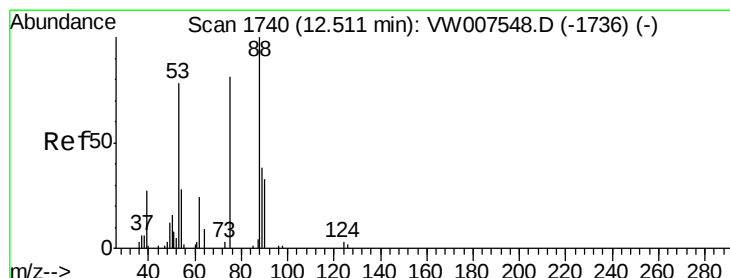
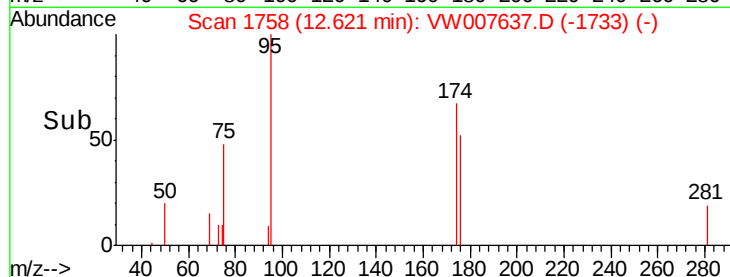
200

100

0

12.60 12.65

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 291.984 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007637.D

Acq: 17 Dec 2018 17:41

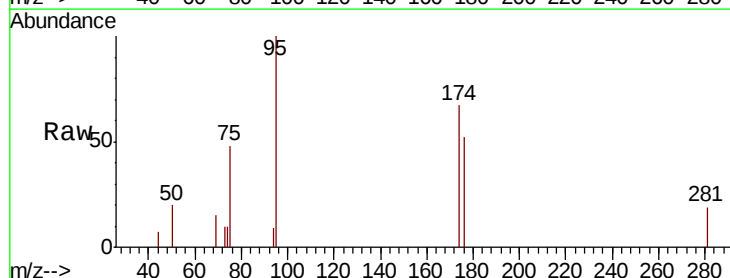
Tgt Ion: 75 Resp: 655

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#



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

500

400

300

200

100

0

12.60 12.65

Time-->

