

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062418\
 Data File : VW003532.D
 Acq On : 25 Jun 2018 02:42
 Operator : SY/AP
 Sample : J3671-24
 Misc : 6.03G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB486-29-31-180621

Quant Time: Jun 25 05:44:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	132544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	223324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	200243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	97322	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	89165	62.11	ug/l	0.00
Spiked Amount			Recovery	=	124.22%	
35) Dibromofluoromethane	7.88	113	73738	53.14	ug/l	0.00
Spiked Amount			Recovery	=	106.28%	
50) Toluene-d8	10.33	98	254325	46.22	ug/l	0.00
Spiked Amount			Recovery	=	92.44%	
62) 4-Bromofluorobenzene	12.62	95	90268	46.36	ug/l	0.00
Spiked Amount			Recovery	=	92.72%	

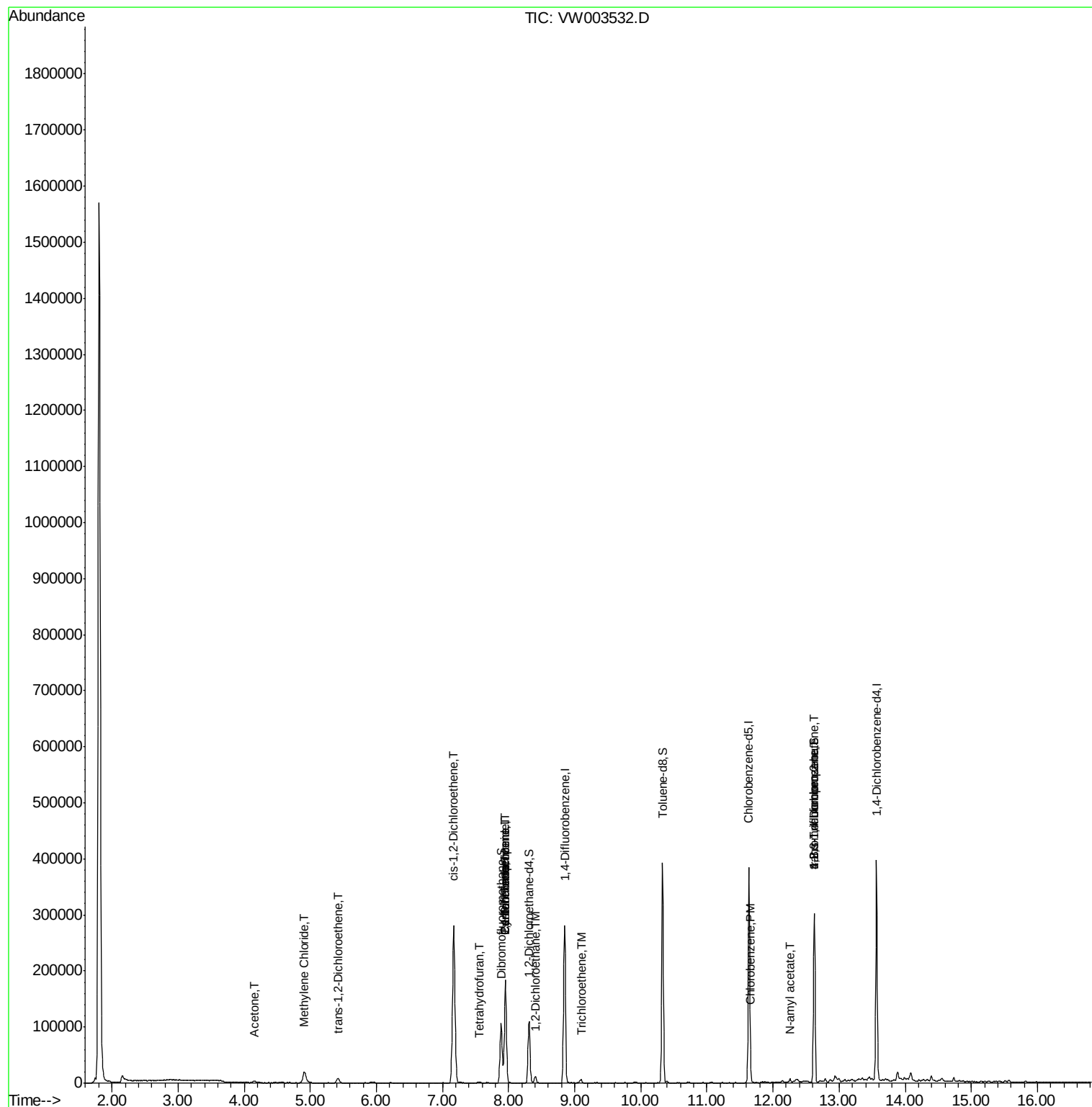
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	6386	21.209	ug/l	99
20) Methylene Chloride	4.90	84	15413	9.043	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	4700	3.599	ug/l	92
27) cis-1,2-Dichloroethene	7.17	96	161081	112.292	ug/l	92
29) Tetrahydrofuran	7.56	42	642	2.806	ug/l	94
31) Cyclohexane	7.95	56	3243	1.398	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	10992	5.097	ug/l #	50
38) Carbon Tetrachloride	7.95	117	13384	6.327	ug/l #	15
42) 1,2-Dichloroethane	8.41	62	11073	5.945	ug/l	97
44) Trichloroethene	9.10	130	2005	1.273	ug/l	82
65) Chlorobenzene	11.66	112	5062	1.214	ug/l	94
74) N-amyl acetate	12.26	43	1790	1.162	ug/l #	76
76) 1,2,3-Trichloropropane	12.62	75	48175	57.903	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	48175	133.239	ug/l #	9

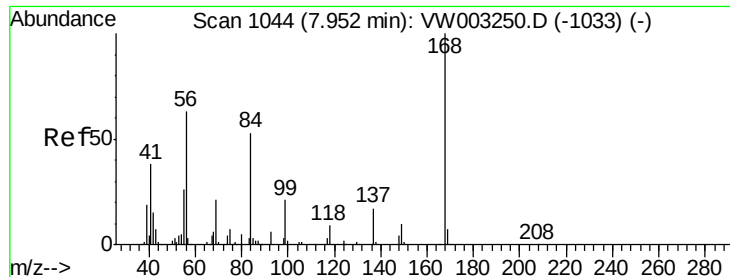
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003532.D

Acq: 25 Jun 2018 02:42

Instrument :

MSVOA_W

ClientSampleId :

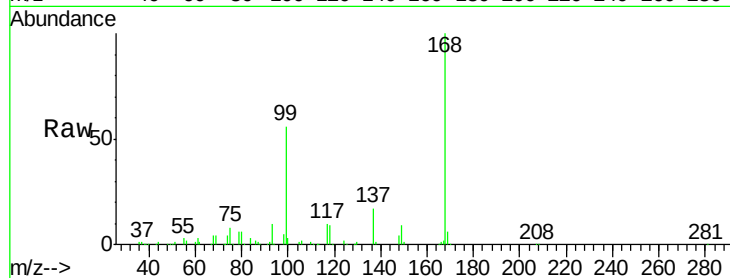
WP021SB486-29-31-180621

Tgt Ion:168 Resp: 132544

Ion Ratio Lower Upper

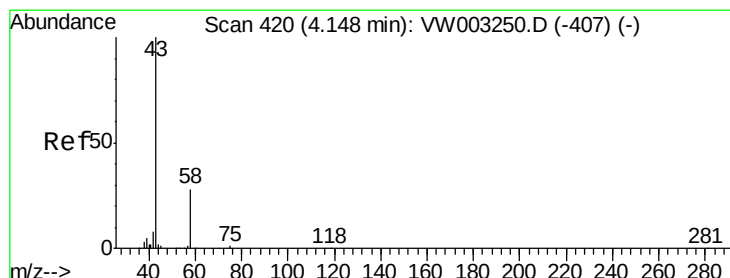
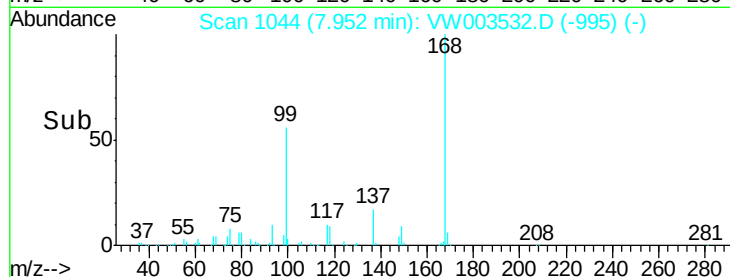
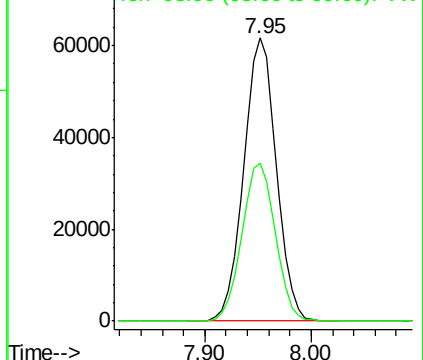
168 100

99 55.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 21.209 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003532.D

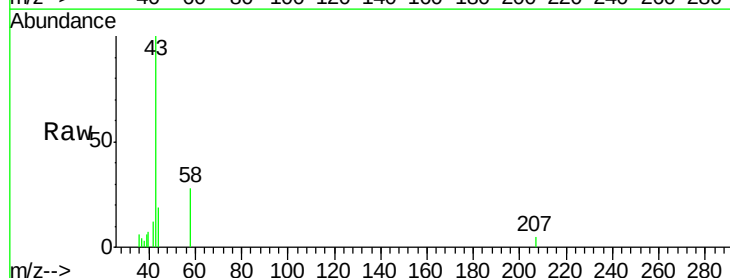
Acq: 25 Jun 2018 02:42

Tgt Ion: 43 Resp: 6386

Ion Ratio Lower Upper

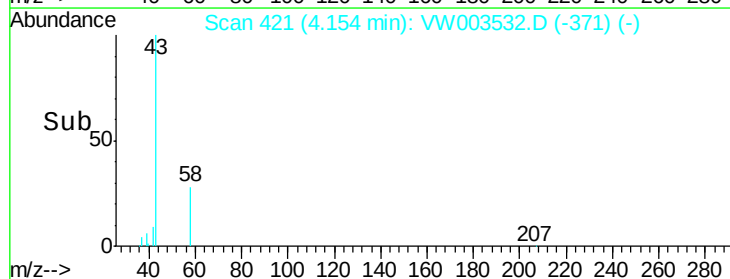
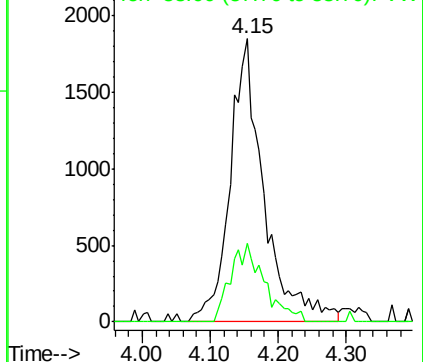
43 100

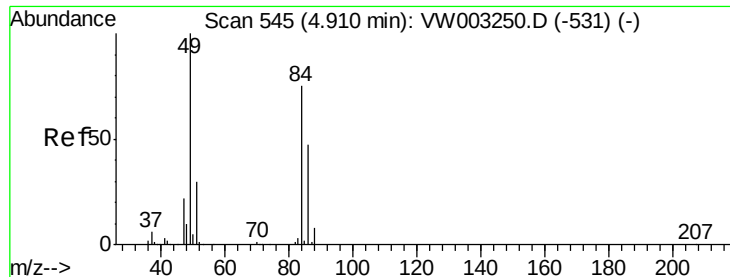
58 27.7 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

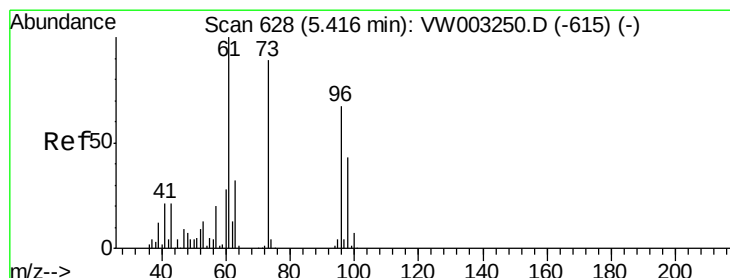
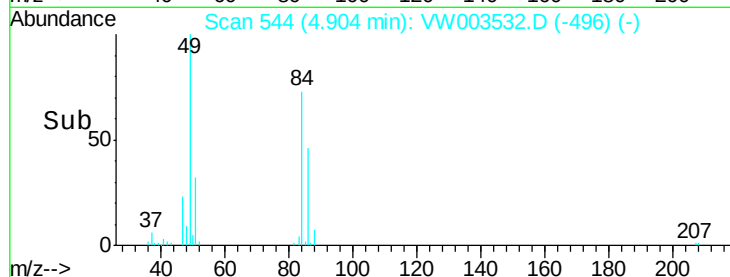
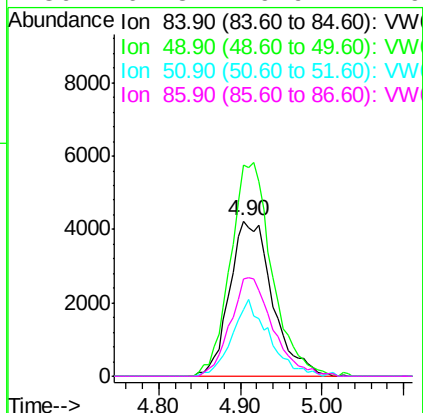
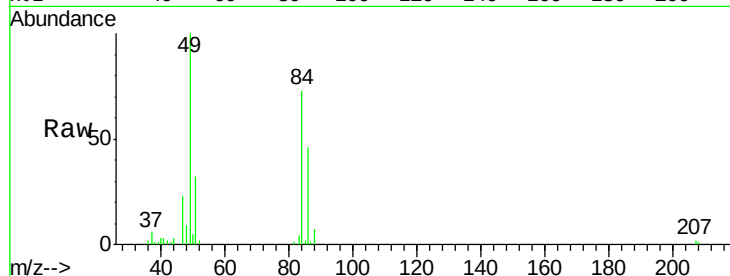




#20
Methylene Chloride
Concen: 9.043 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003532.D
Acq: 25 Jun 2018 02:42

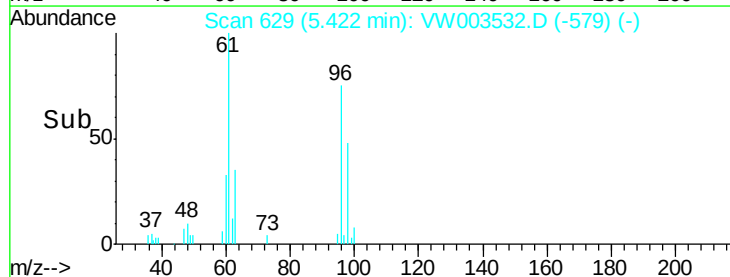
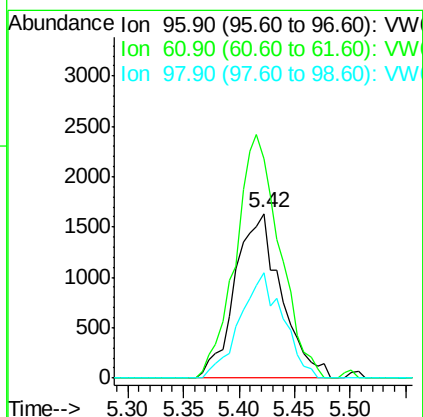
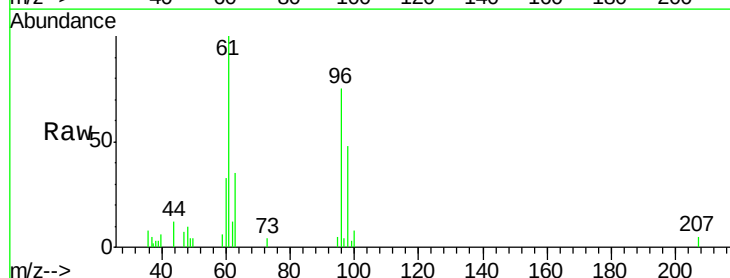
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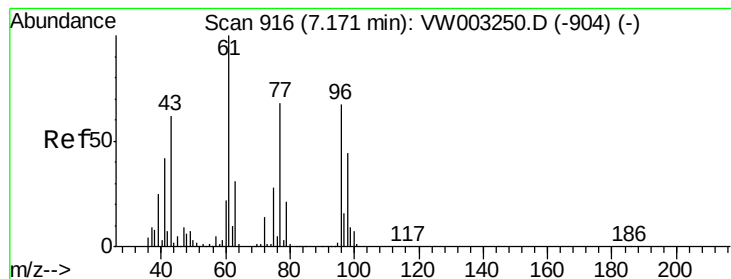
Tgt Ion: 84 Resp: 15413
Ion Ratio Lower Upper
84 100
49 136.3 106.3 159.5
51 43.3 32.0 48.0
86 62.8 49.9 74.9



#21
trans-1,2-Dichloroethene
Concen: 3.599 ug/l
RT: 5.42 min Scan# 629
Delta R.T. 0.01 min
Lab File: VW003532.D
Acq: 25 Jun 2018 02:42

Tgt Ion: 96 Resp: 4700
Ion Ratio Lower Upper
96 100
61 133.4 118.7 178.1
98 63.6 51.0 76.6



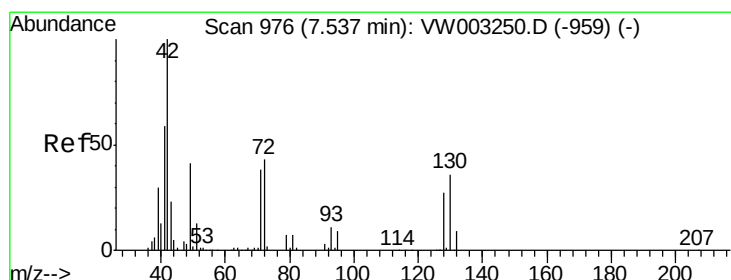
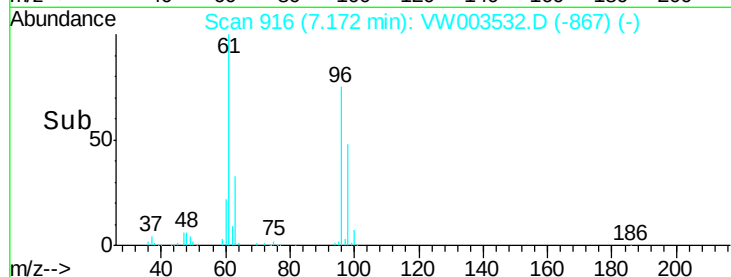
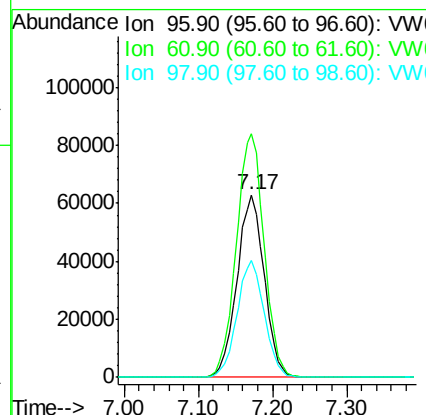
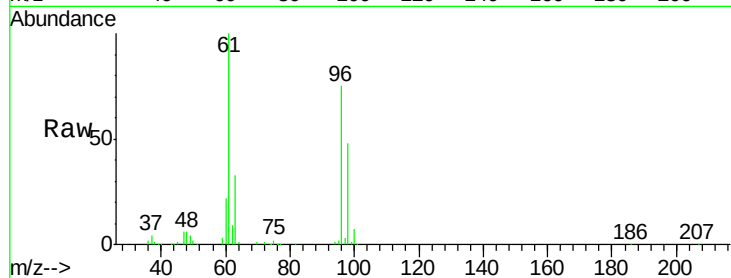


#27

cis-1,2-Dichloroethene
 Concen: 112.292 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003532.D
 Acq: 25 Jun 2018 02:42

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB486-29-31-180621

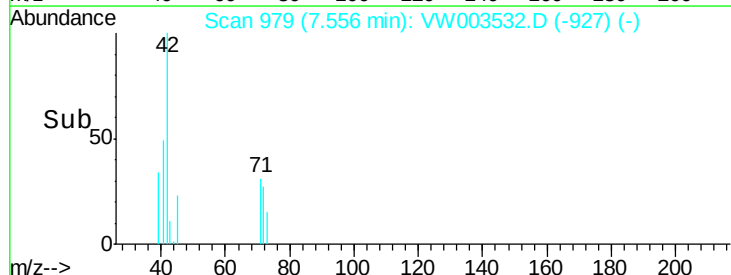
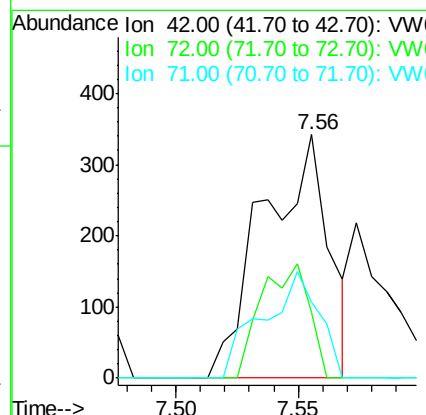
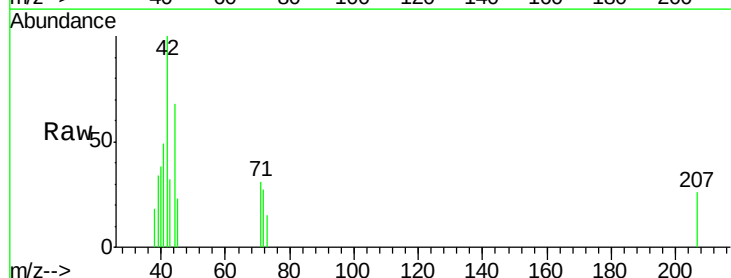
Tgt Ion: 96 Resp: 161081
 Ion Ratio Lower Upper
 96 100
 61 136.5 0.0 298.8
 98 63.7 0.0 130.4

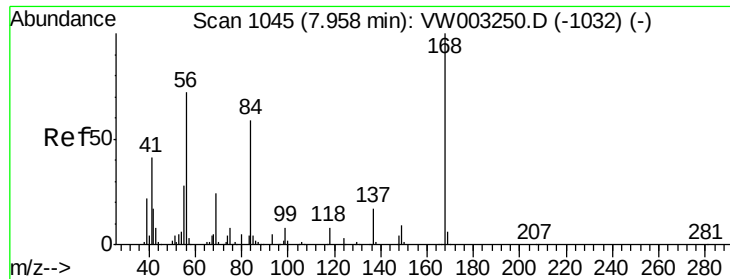


#29

Tetrahydrofuran
 Concen: 2.806 ug/l
 RT: 7.56 min Scan# 979
 Delta R.T. 0.02 min
 Lab File: VW003532.D
 Acq: 25 Jun 2018 02:42

Tgt Ion: 42 Resp: 642
 Ion Ratio Lower Upper
 42 100
 72 34.3 32.4 48.6
 71 37.7 31.2 46.8

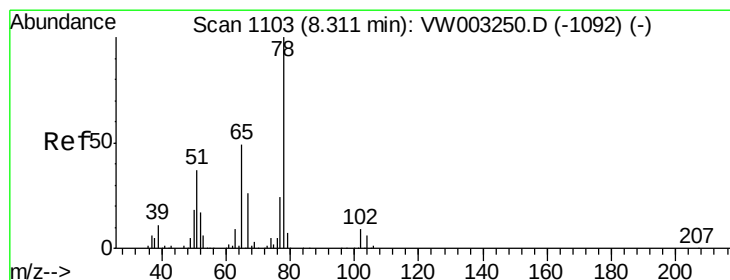
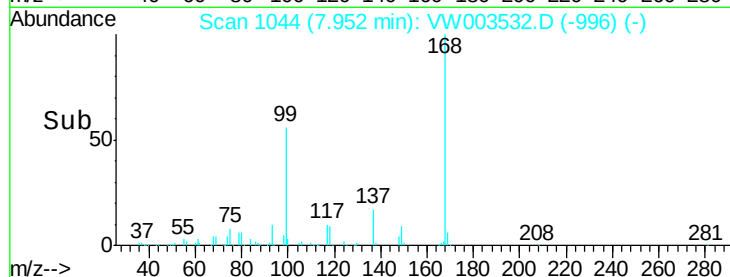
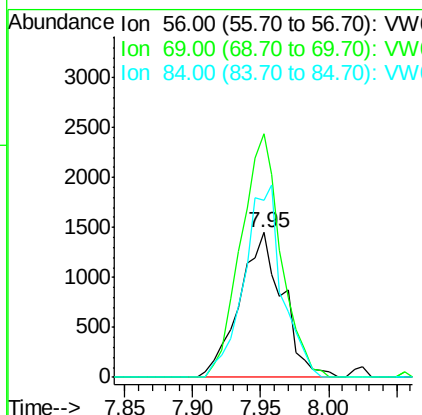
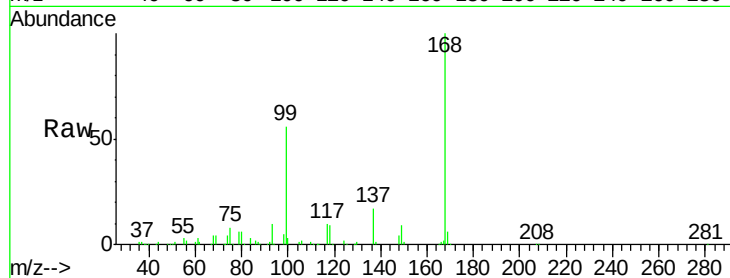




#31
Cyclohexane
Concen: 1.398 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003532.D
Acq: 25 Jun 2018 02:42

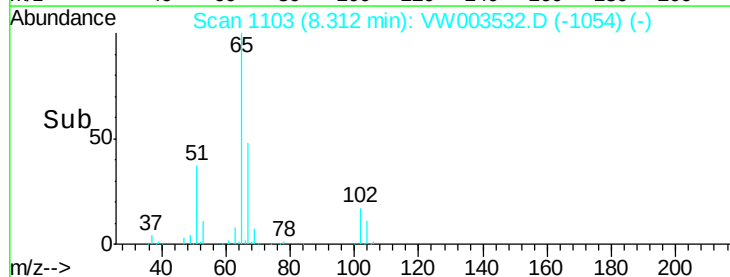
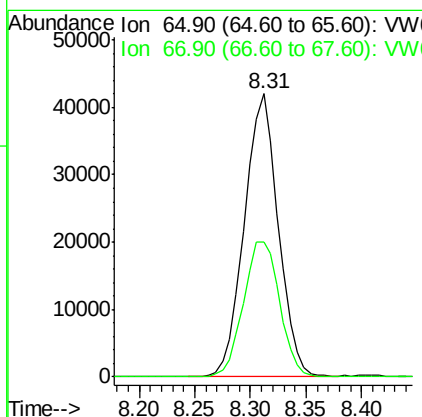
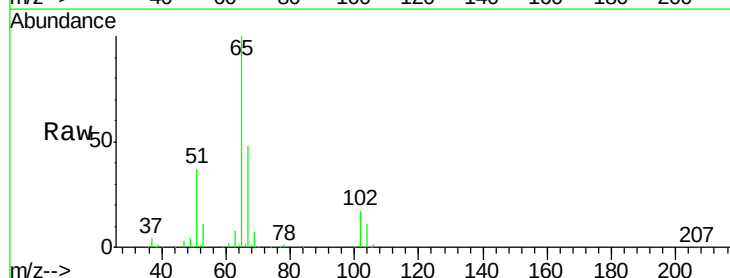
Instrument :
MSVOA_W
ClientSampleId :
WP021SB486-29-31-180621

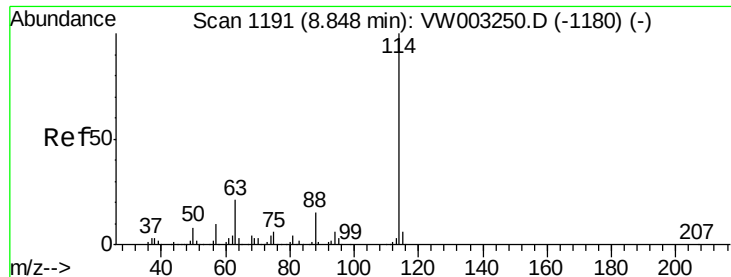
Tgt Ion: 56 Resp: 3243
Ion Ratio Lower Upper
56 100
69 168.5 26.3 39.5#
84 122.7 65.7 98.5#



#33
1,2-Dichloroethane-d4
Concen: 62.107 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW003532.D
Acq: 25 Jun 2018 02:42

Tgt Ion: 65 Resp: 89165
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.2

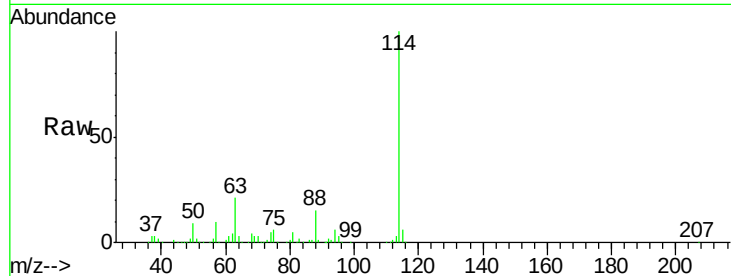




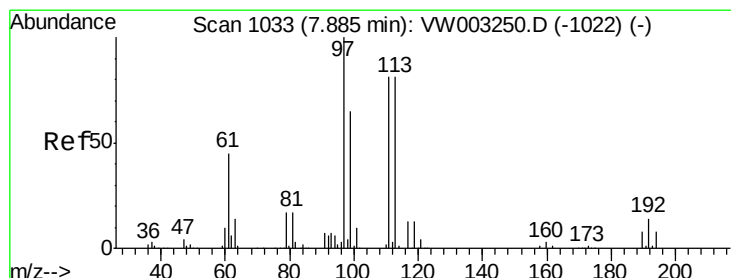
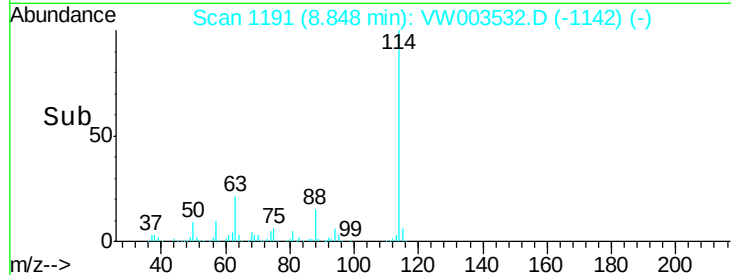
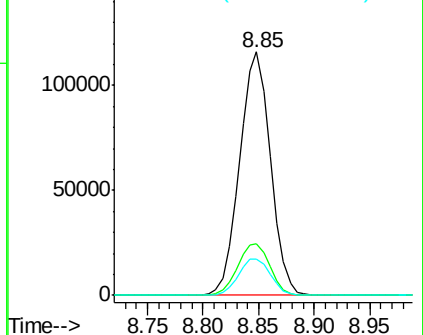
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003532.D
 Acq: 25 Jun 2018 02:42

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB486-29-31-180621

Tgt Ion:114 Resp: 223324
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.0
 88 15.0 0.0 29.6

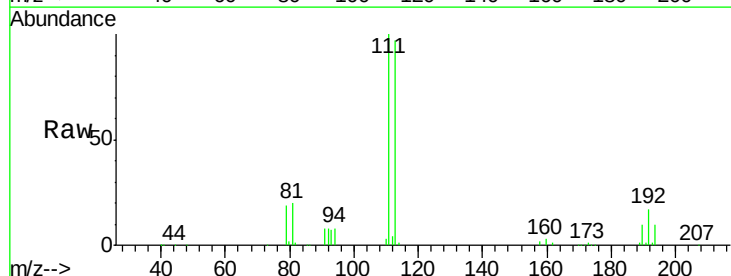


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

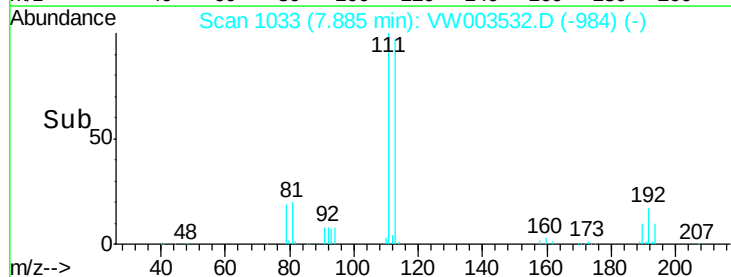
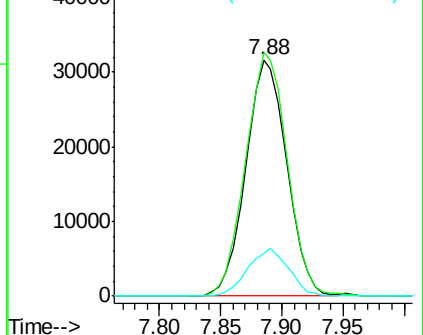


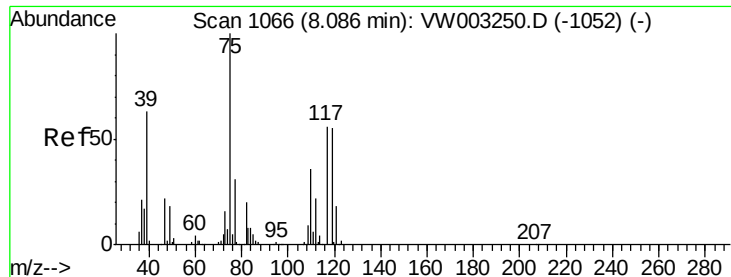
#35
 Dibromofluoromethane
 Concen: 53.138 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003532.D
 Acq: 25 Jun 2018 02:42

Tgt Ion:113 Resp: 73738
 Ion Ratio Lower Upper
 113 100
 111 104.8 82.2 123.2
 192 20.2 16.2 24.2



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: 5.097 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW003532.D

Acq: 25 Jun 2018 02:42

Instrument :

MSVOA_W

ClientSampleId :

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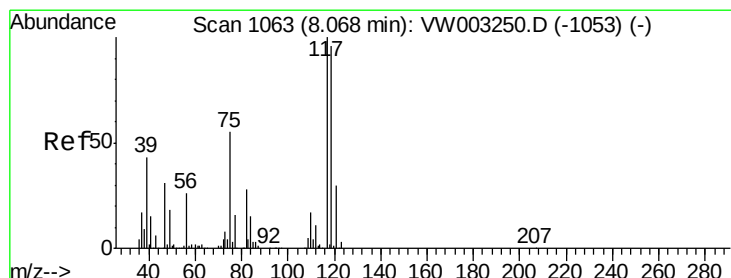
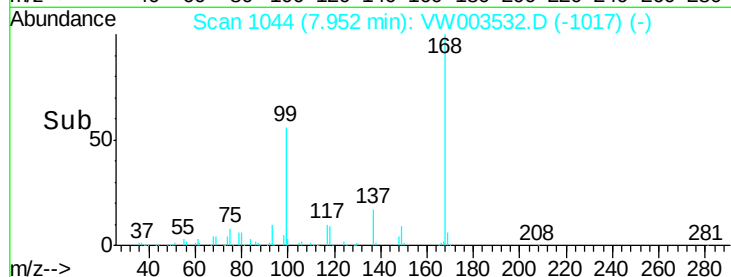
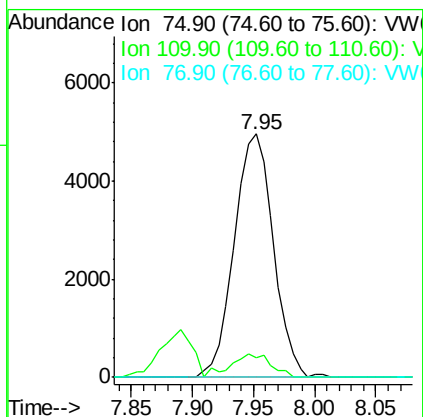
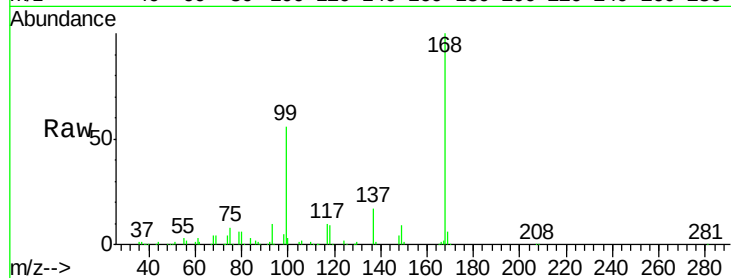
Tgt Ion: 75 Resp: 10992

Ion Ratio Lower Upper

75 100

110 8.8 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.327 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003532.D

Acq: 25 Jun 2018 02:42

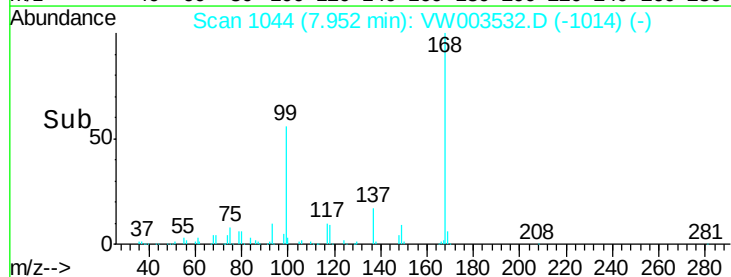
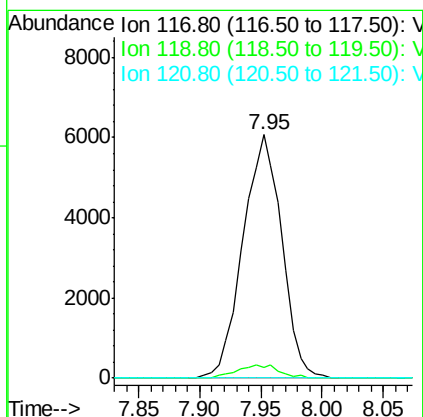
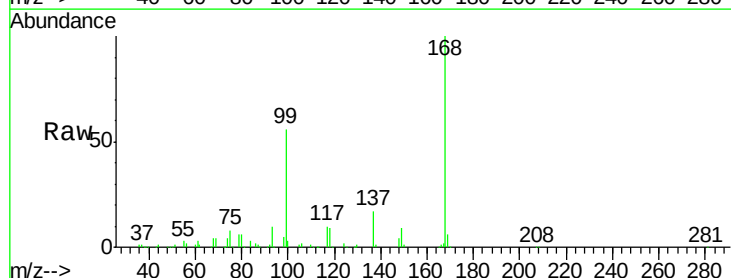
Tgt Ion: 117 Resp: 13384

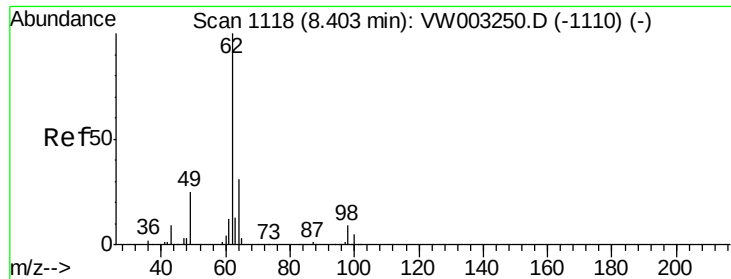
Ion Ratio Lower Upper

117 100

119 4.3 76.6 115.0#

121 0.0 23.9 35.9#

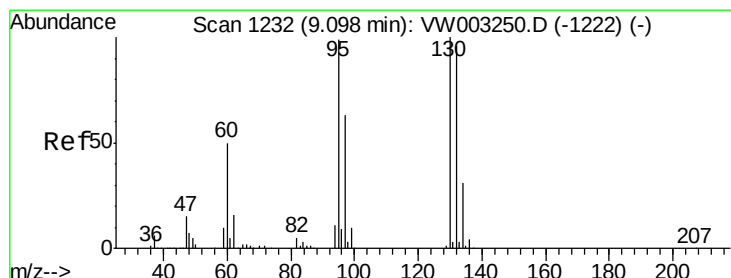
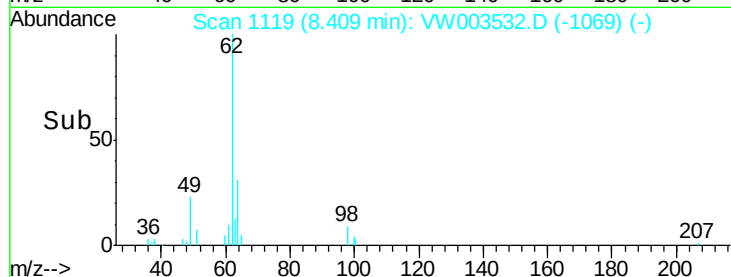
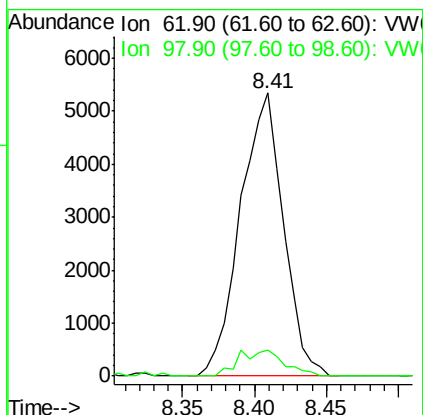
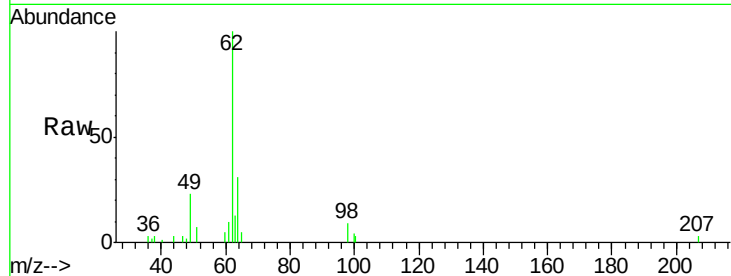




#42
 1,2-Dichloroethane
 Concen: 5.945 ug/l
 RT: 8.41 min Scan# 1119
 Delta R.T. 0.01 min
 Lab File: VW003532.D
 Acq: 25 Jun 2018 02:42

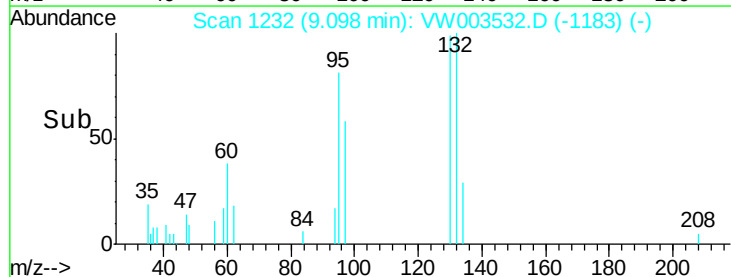
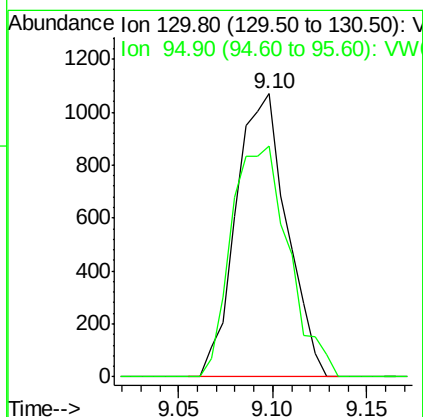
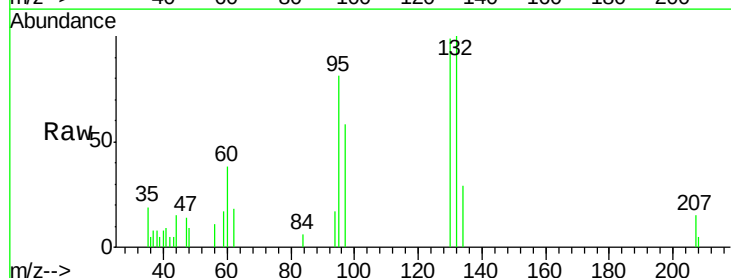
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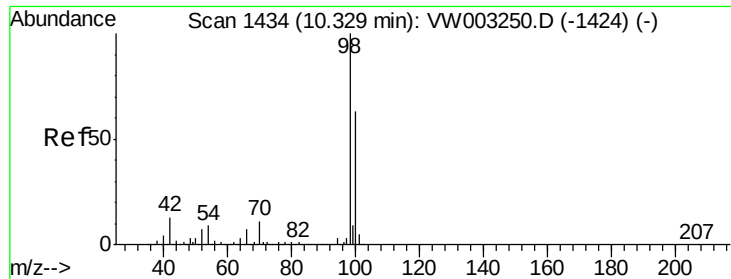
Tgt Ion: 62 Resp: 11073
 Ion Ratio Lower Upper
 62 100
 98 9.8 0.0 17.2



#44
 Trichloroethene
 Concen: 1.273 ug/l
 RT: 9.10 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VW003532.D
 Acq: 25 Jun 2018 02:42

Tgt Ion: 130 Resp: 2005
 Ion Ratio Lower Upper
 130 100
 95 81.6 0.0 198.0

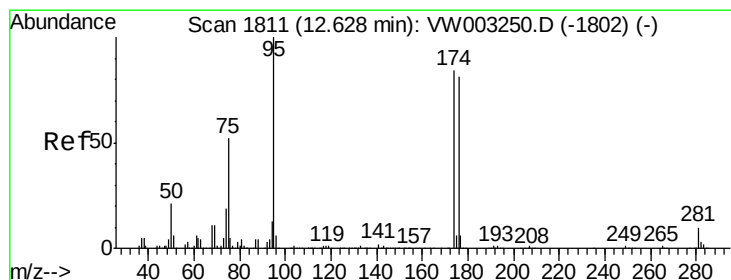
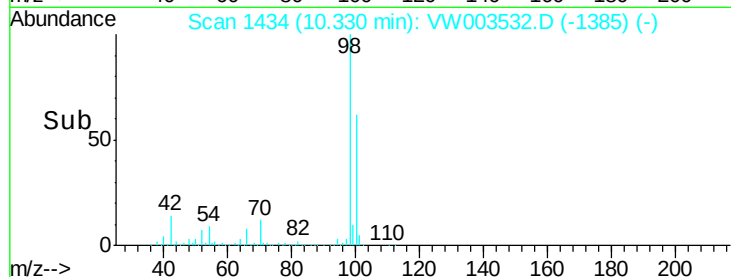
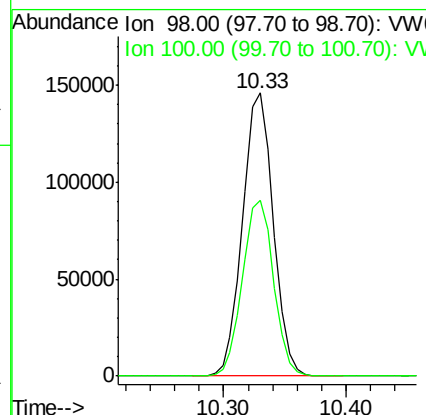
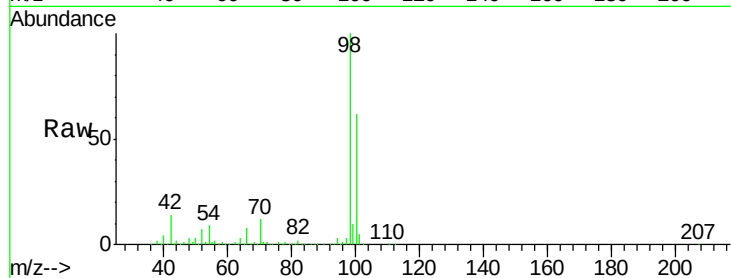




#50
Toluene-d8
Concen: 46.221 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003532.D
Acq: 25 Jun 2018 02:42

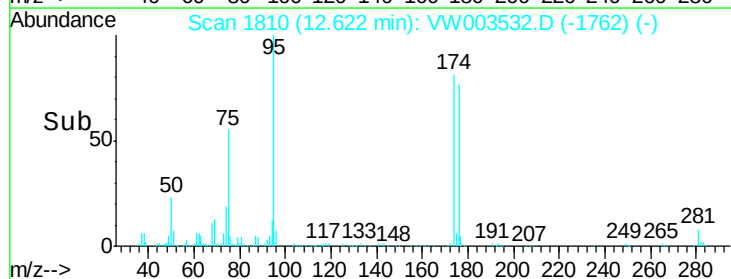
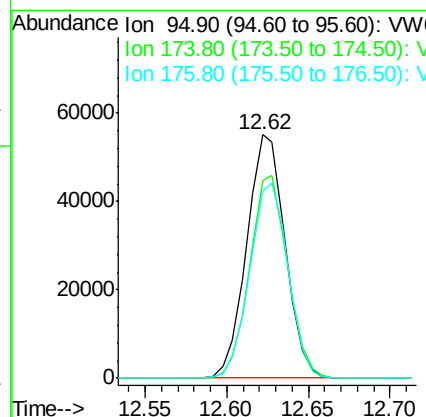
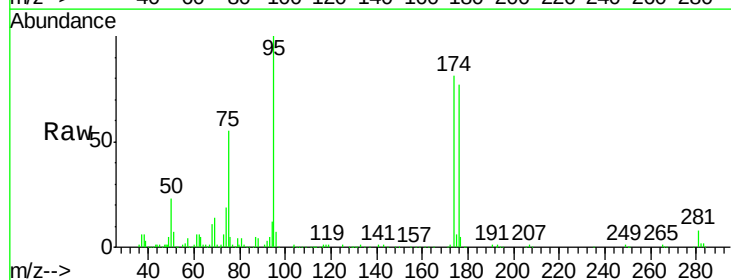
Instrument :
MSVOA_W
ClientSampleId :
WP021SB486-29-31-180621

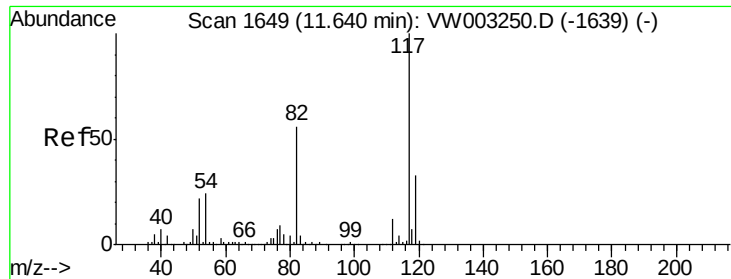
Tgt Ion: 98 Resp: 254325
Ion Ratio Lower Upper
98 100
100 63.0 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 46.357 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003532.D
Acq: 25 Jun 2018 02:42

Tgt Ion: 95 Resp: 90268
Ion Ratio Lower Upper
95 100
174 82.2 0.0 166.4
176 80.0 0.0 162.0

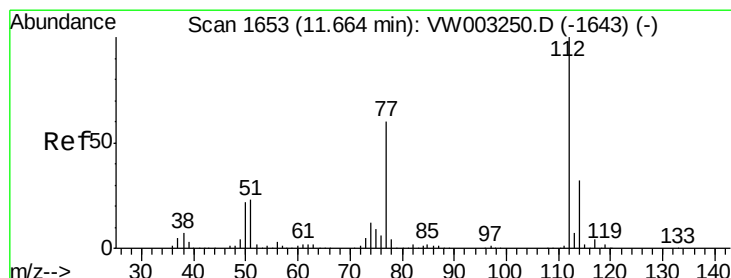
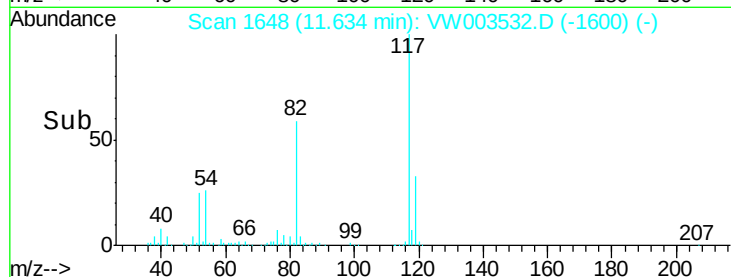
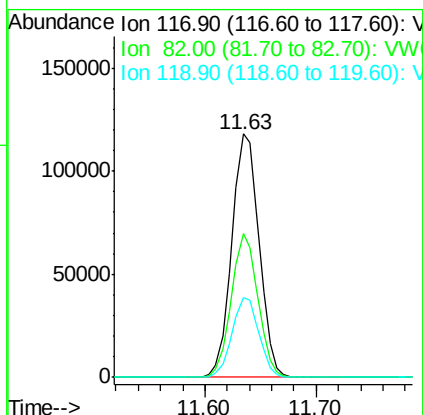
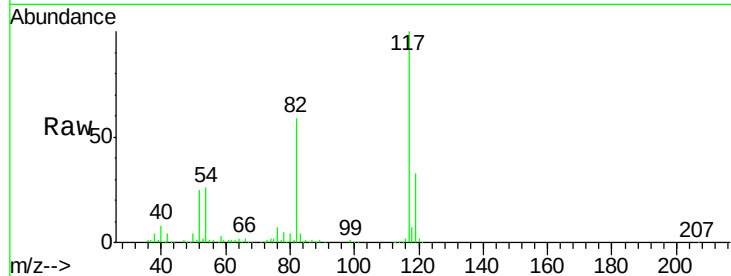




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003532.D
Acq: 25 Jun 2018 02:42

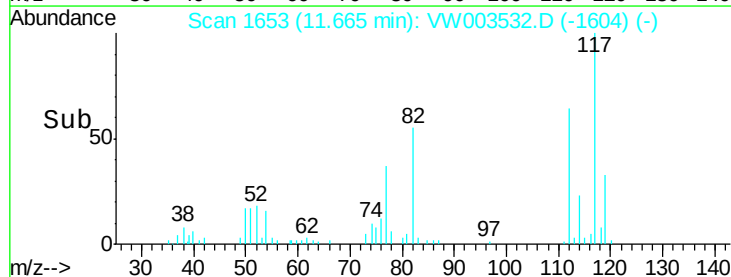
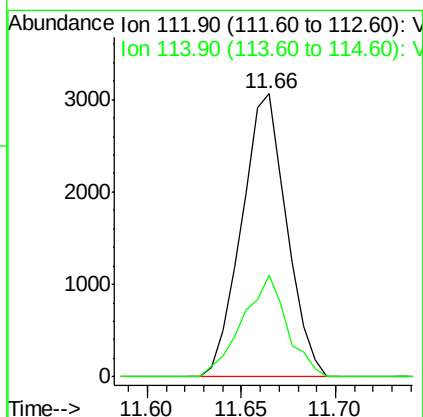
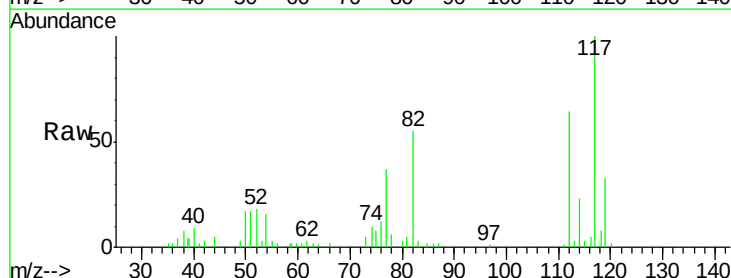
Instrument :
MSVOA_W
ClientSampleId :
WP021SB486-29-31-180621

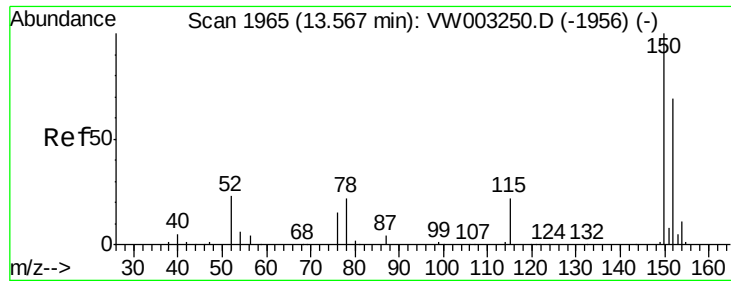
Tgt Ion:117 Resp: 200243
Ion Ratio Lower Upper
117 100
82 59.0 44.6 67.0
119 32.6 26.7 40.1



#65
Chlorobenzene
Concen: 1.214 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003532.D
Acq: 25 Jun 2018 02:42

Tgt Ion:112 Resp: 5062
Ion Ratio Lower Upper
112 100
114 36.0 25.9 38.9

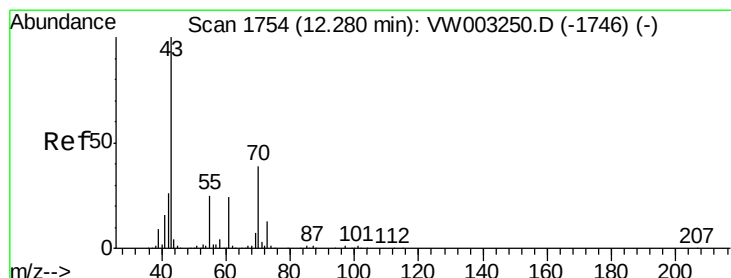
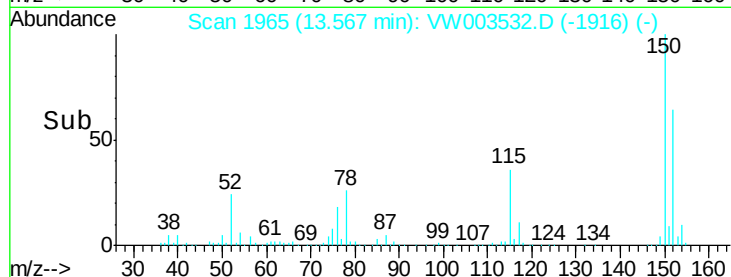
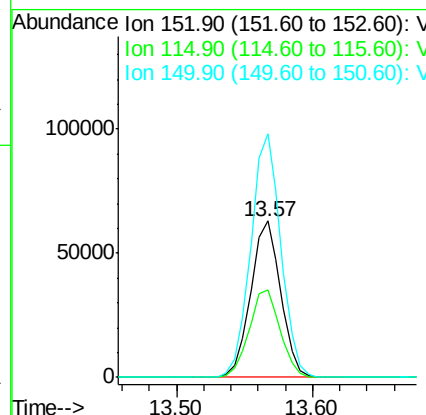
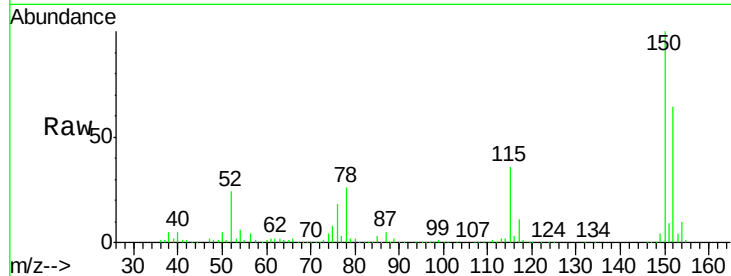




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VW003532.D
 Acq: 25 Jun 2018 02:42

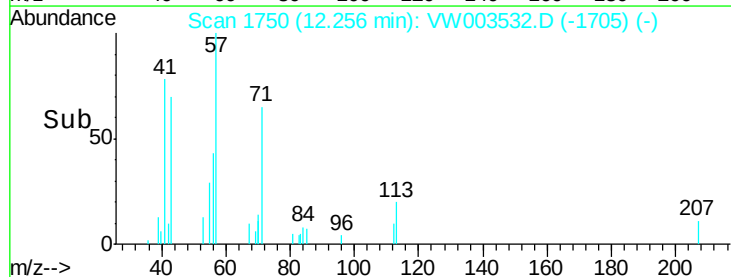
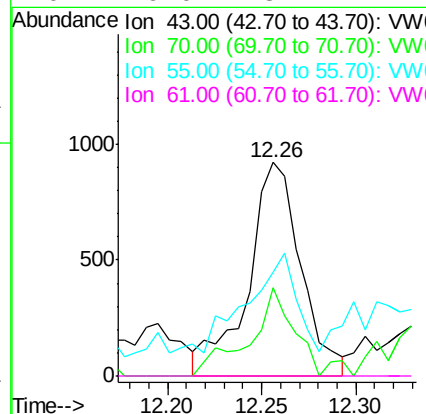
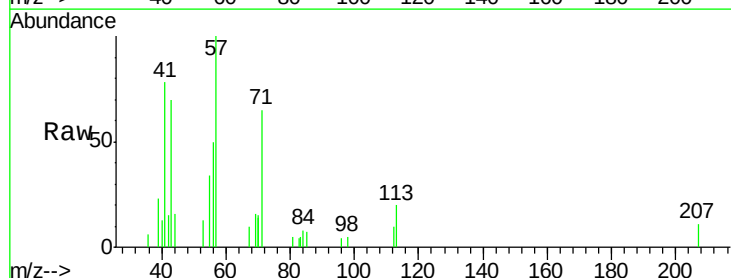
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB486-29-31-180621

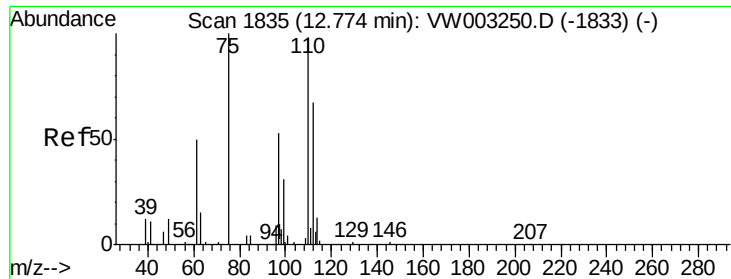
Tgt Ion:152 Resp: 97322
 Ion Ratio Lower Upper
 152 100
 115 58.1 29.3 88.0
 150 155.8 0.0 349.6



#74
 N-ethyl acetate
 Concen: 1.162 ug/l
 RT: 12.26 min Scan# 1750
 Delta R.T. -0.02 min
 Lab File: VW003532.D
 Acq: 25 Jun 2018 02:42

Tgt Ion: 43 Resp: 1790
 Ion Ratio Lower Upper
 43 100
 70 35.8 31.0 46.6
 55 41.9 19.7 29.5#
 61 0.0 18.1 27.1#





#76

1,2,3-Trichloropropane

Concen: 57.903 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003532.D

Acq: 25 Jun 2018 02:42

Instrument :

MSVOA_W

ClientSampleId :

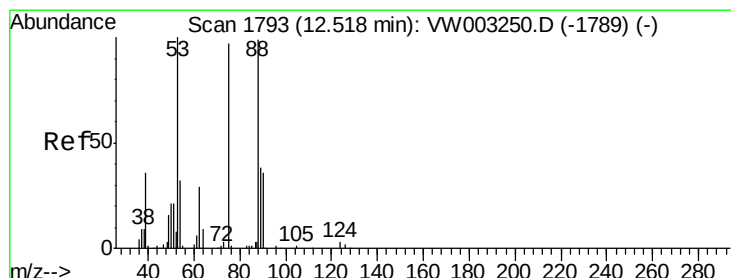
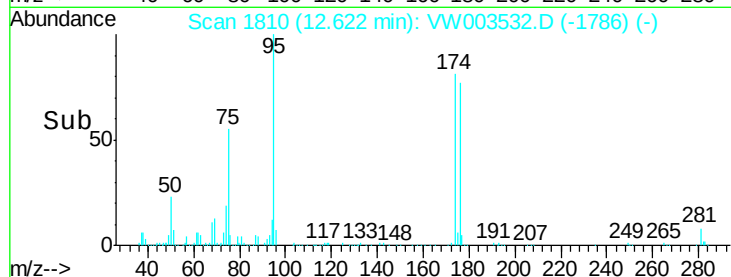
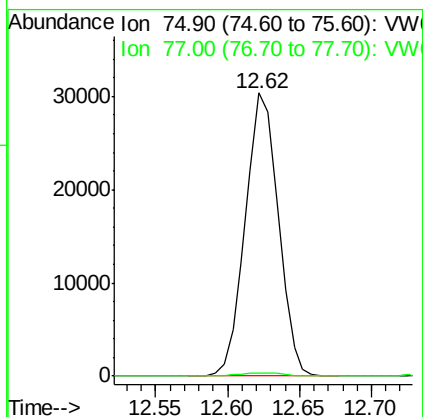
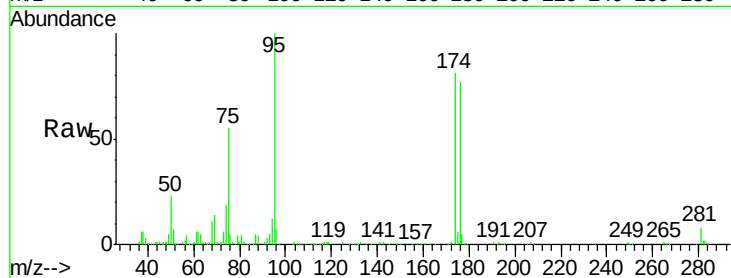
WP021SB486-29-31-180621

Tgt Ion: 75 Resp: 48175

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 133.239 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003532.D

Acq: 25 Jun 2018 02:42

Tgt Ion: 75 Resp: 48175

Ion Ratio Lower Upper

75 100

53 0.4 82.9 124.3#

89 0.0 36.7 55.1#

