

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007539.D
 Acq On : 14 Dec 2018 16:52
 Operator : SY/AP
 Sample : J6357-05RE
 Misc : 4.93G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-07B

Quant Time: Dec 15 00:43:02 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	79928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	131428	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	102950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	36860	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	45462	51.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.54%	
35) Dibromofluoromethane	7.88	113	41042	51.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.18%	
50) Toluene-d8	10.32	98	146907	49.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.62	95	43138	39.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	78.66%	

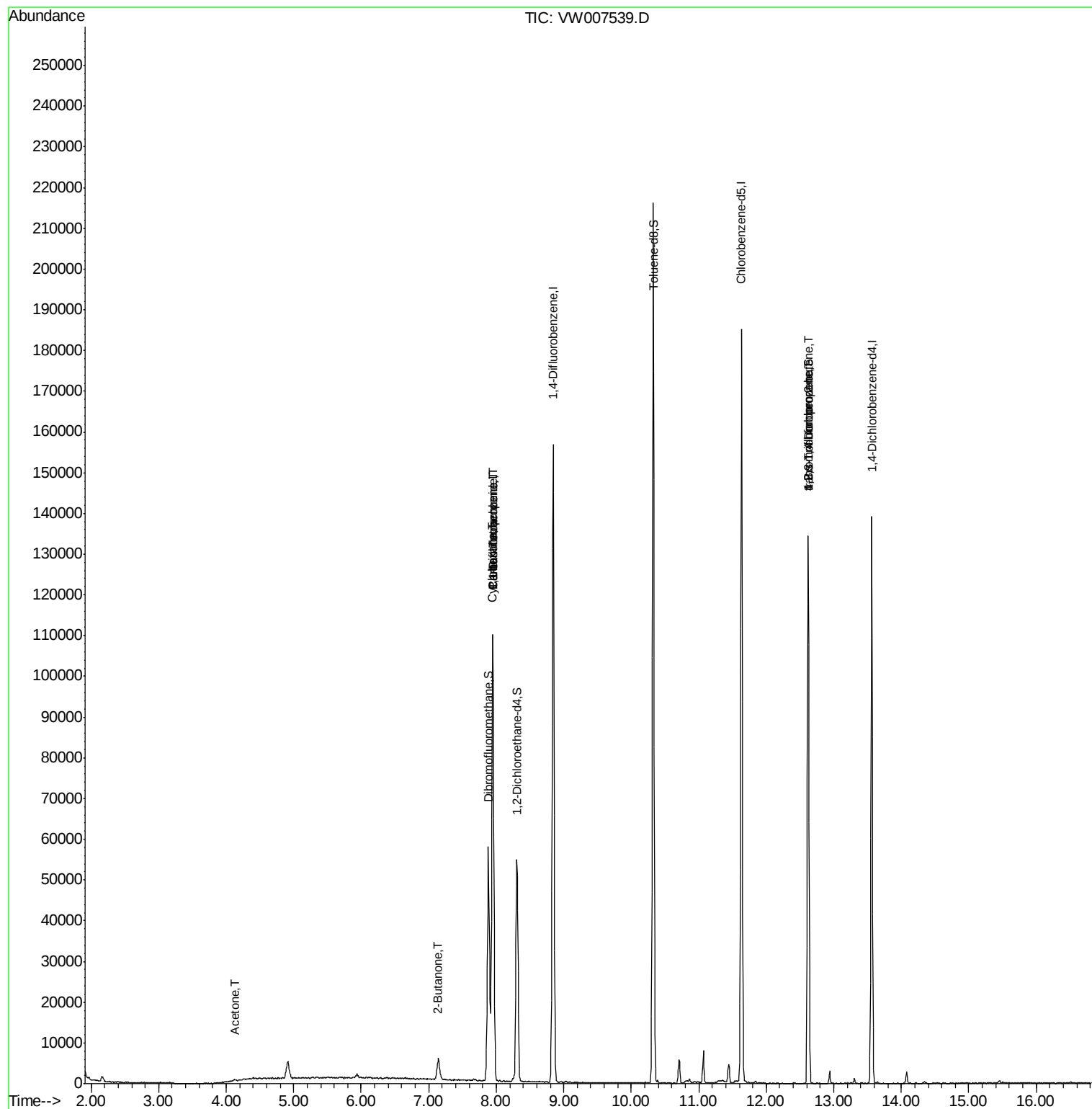
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	641	4.139	ug/l #	44
20) Methylene Chloride	4.92	84	3279	Below Cal		93
25) 2-Butanone	7.14	43	309	1.528	ug/l #	45
31) Cyclohexane	7.94	56	1663	1.207	ug/l #	37
36) 1,1-Dichloropropene	7.95	75	6301	5.256	ug/l #	50
38) Carbon Tetrachloride	7.95	117	8485	6.504	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	21721	71.469	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	21721	157.876	ug/l #	7

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

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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: VW007539.D

Acq: 14 Dec 2018 16:52

Instrument :

MSVOA_W

ClientSampleId :

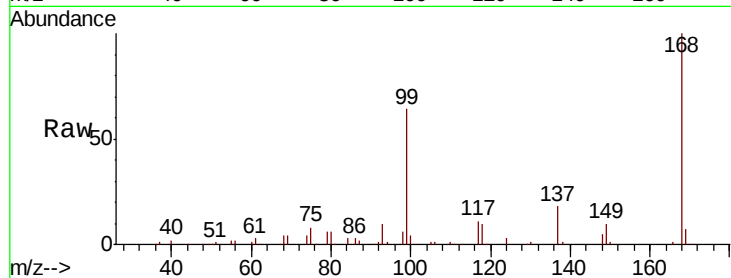
SB-07B

Tgt Ion:168 Resp: 79928

Ion Ratio Lower Upper

168 100

99 64.3 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

40000

30000

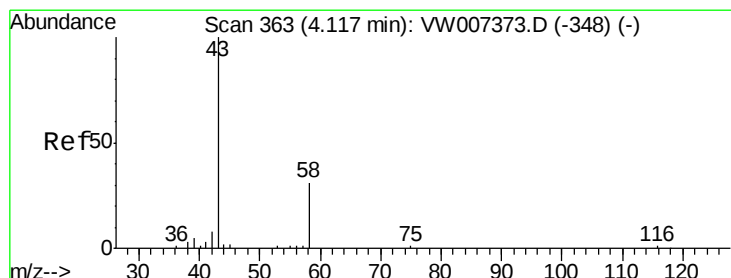
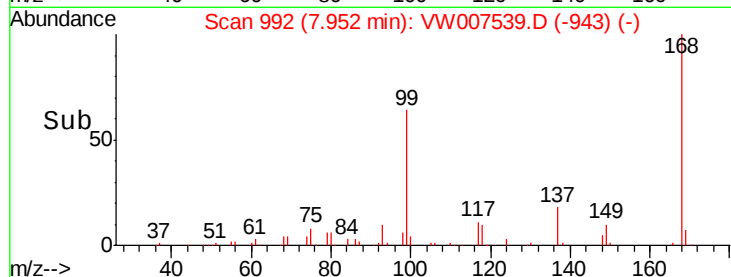
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 4.139 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007539.D

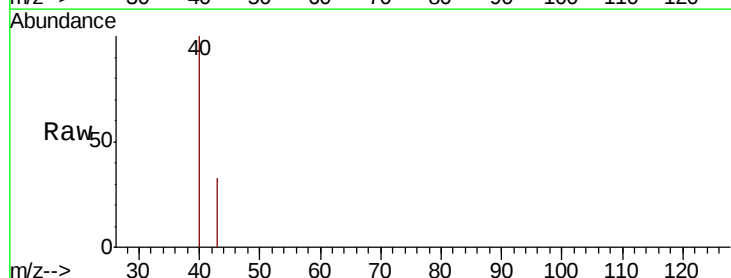
Acq: 14 Dec 2018 16:52

Tgt Ion: 43 Resp: 641

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

4.12

250

200

150

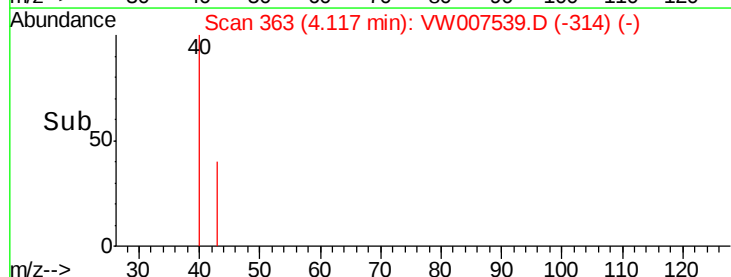
100

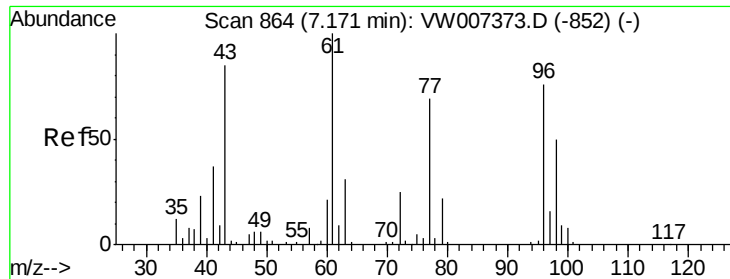
50

0

4.05 4.10 4.15

Time-->





#25

2-Butanone

Concen: 1.528 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW007539.D

Acq: 14 Dec 2018 16:52

Instrument :

MSVOA_W

ClientSampleId :

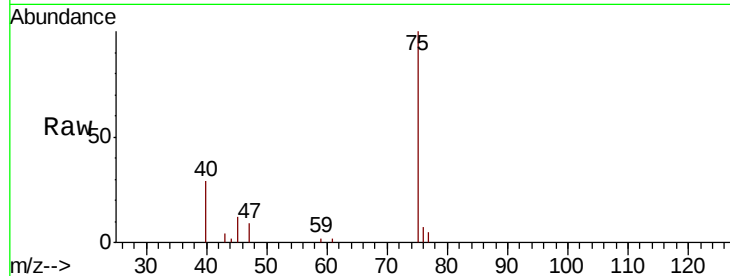
SB-07B

Tgt Ion: 43 Resp: 309

Ion Ratio Lower Upper

43 100

72 0.0 23.4 35.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.14

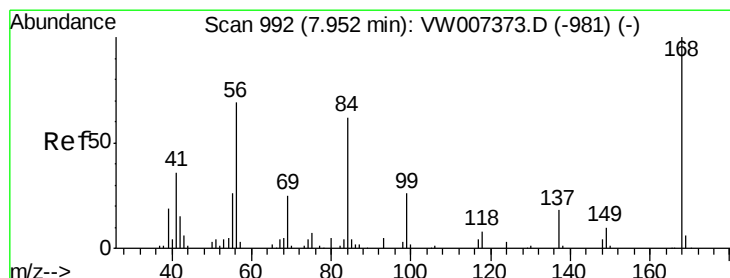
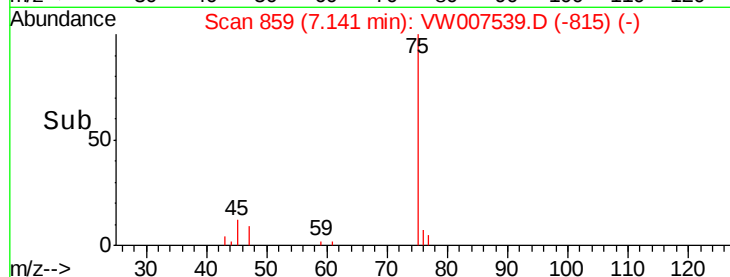
150

100

50

0

Time-->



#31

Cyclohexane

Concen: 1.207 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW007539.D

Acq: 14 Dec 2018 16:52

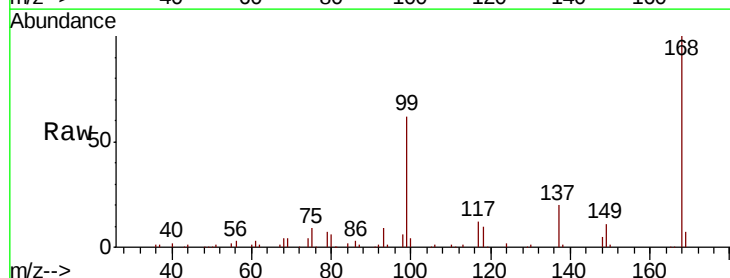
Tgt Ion: 56 Resp: 1663

Ion Ratio Lower Upper

56 100

69 159.6 28.9 43.3#

84 93.1 71.8 107.6



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

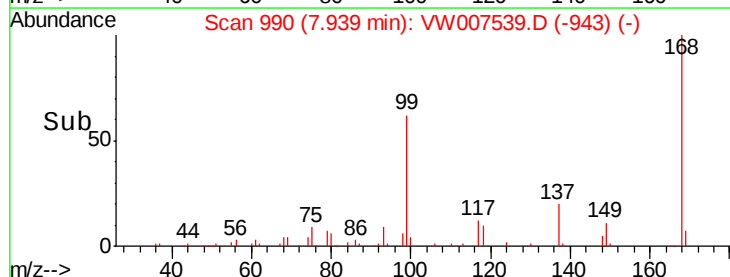
1500

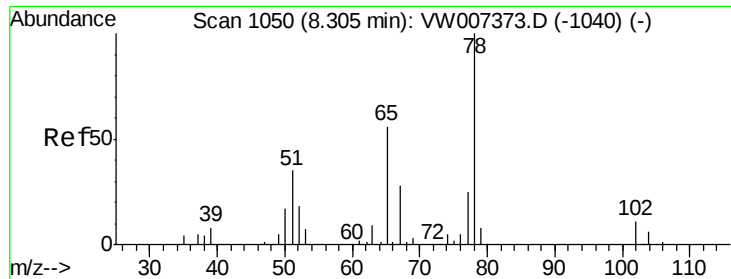
1000

500

0

Time-->

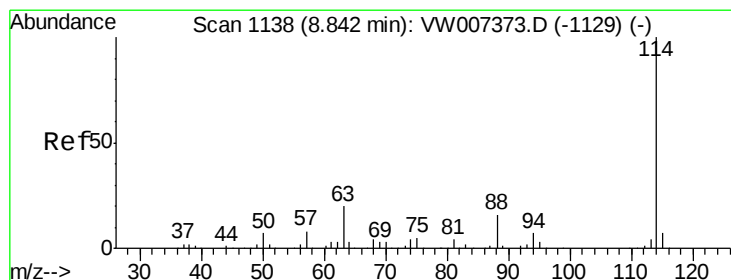
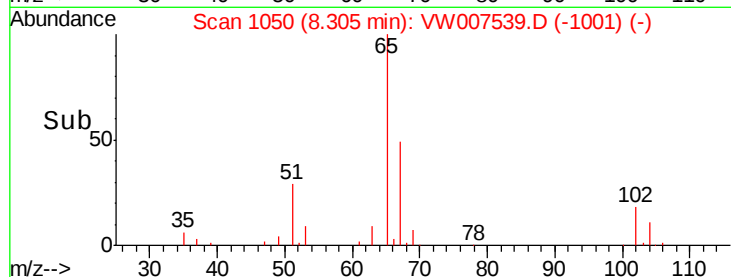
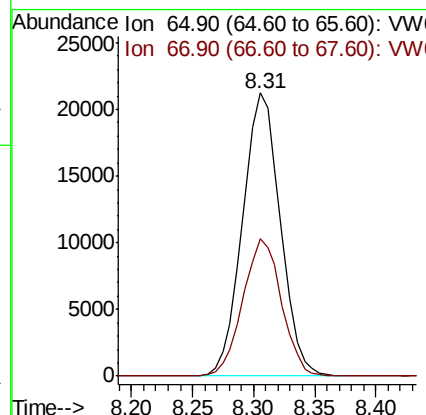
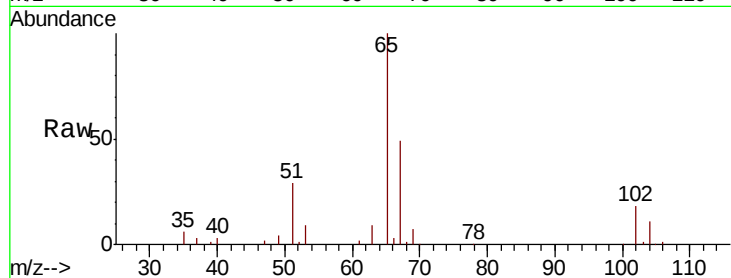




#33
 1,2-Dichloroethane-d4
 Concen: 51.269 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007539.D
 Acq: 14 Dec 2018 16:52

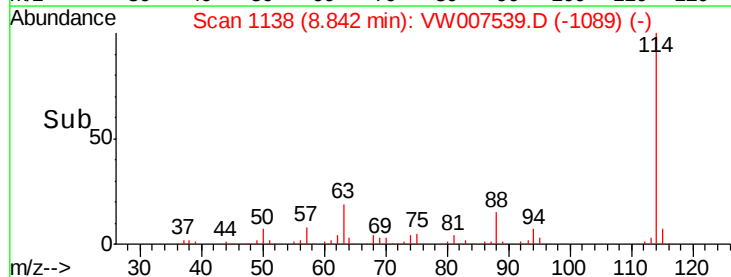
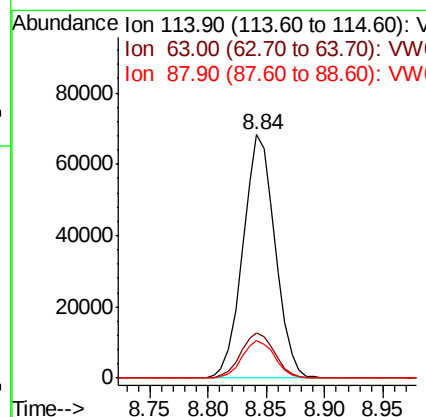
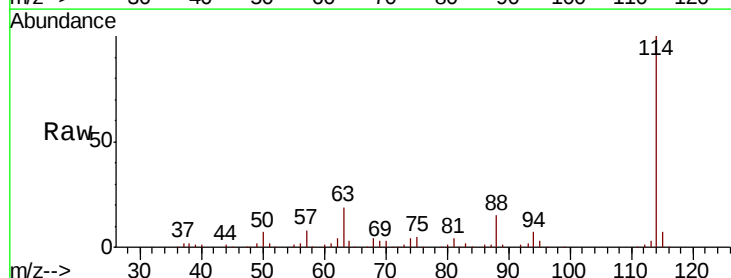
Instrument :
 MSVOA_W
 ClientSampleID :
 SB-07B

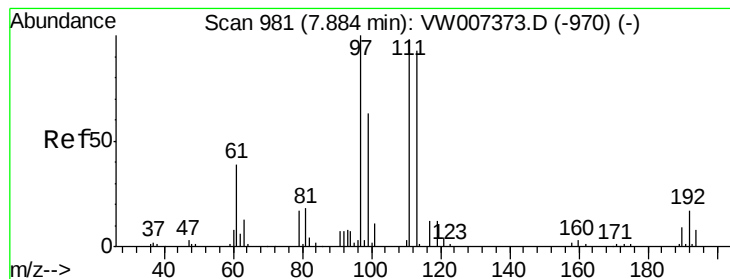
Tgt Ion: 65 Resp: 45462
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007539.D
 Acq: 14 Dec 2018 16:52

Tgt Ion: 114 Resp: 131428
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.6
 88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.587 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007539.D

Acq: 14 Dec 2018 16:52

Instrument :

MSVOA_W

ClientSampleId :

SB-07B

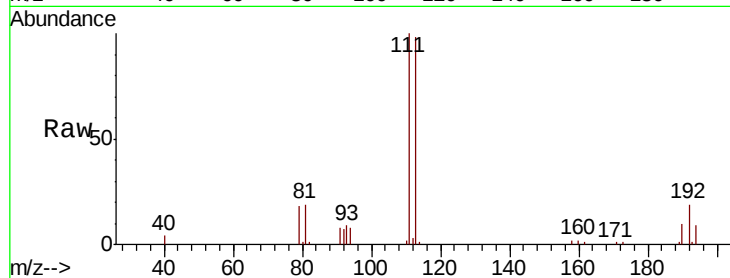
Tgt Ion:113 Resp: 41042

Ion Ratio Lower Upper

113 100

111 104.7 81.1 121.7

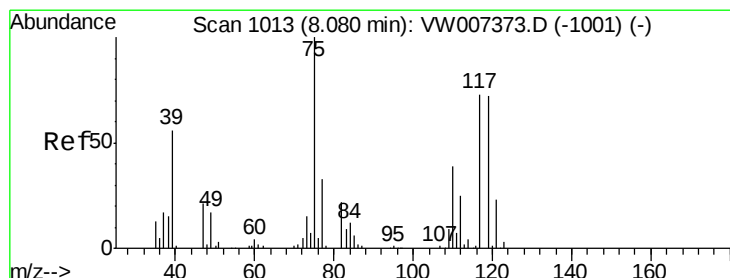
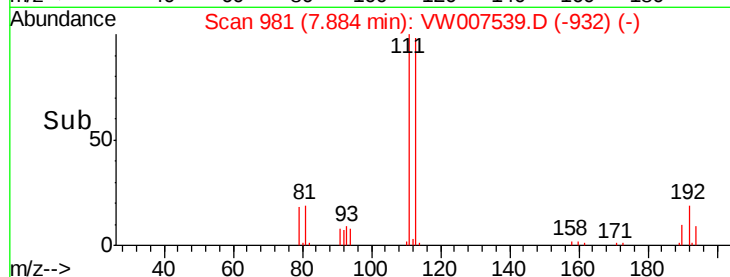
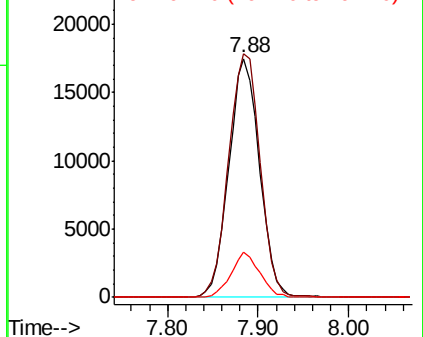
192 17.7 14.6 21.8



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: 5.256 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007539.D

Acq: 14 Dec 2018 16:52

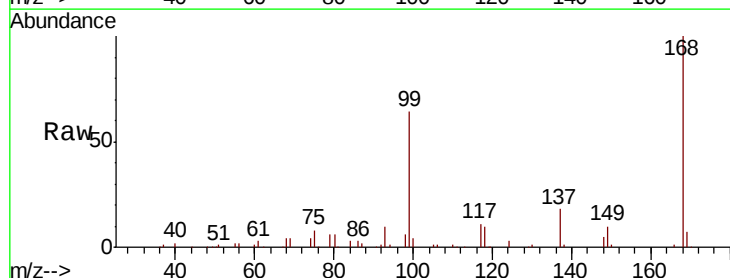
Tgt Ion: 75 Resp: 6301

Ion Ratio Lower Upper

75 100

110 11.2 18.5 55.5#

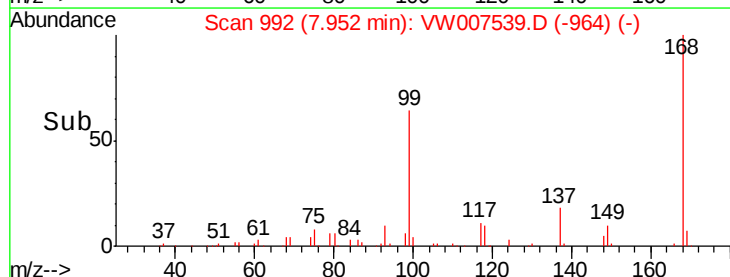
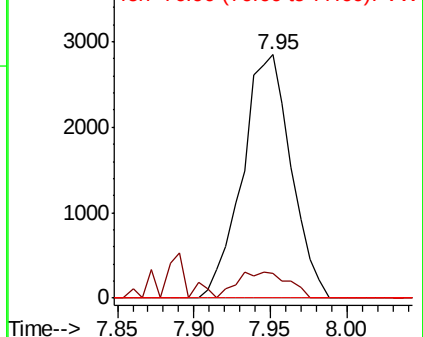
77 0.0 25.6 38.4#

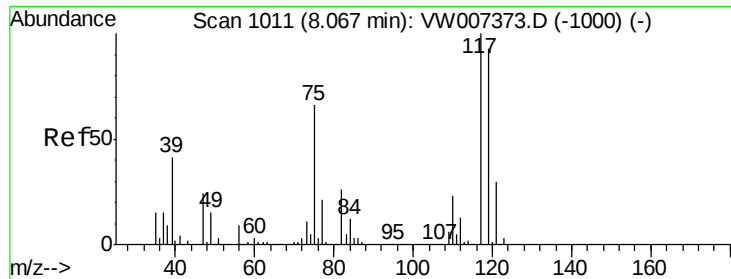


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

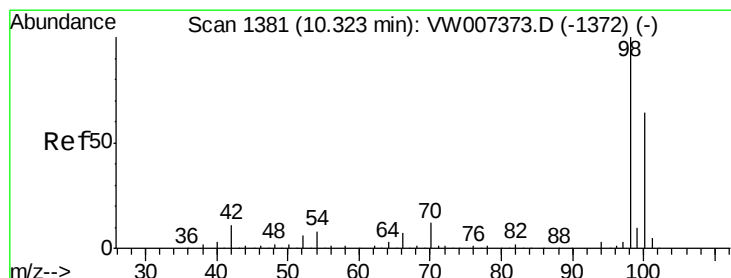
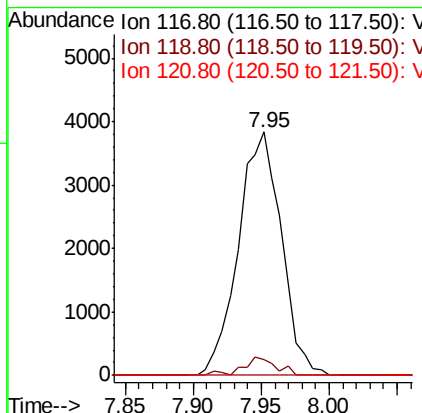
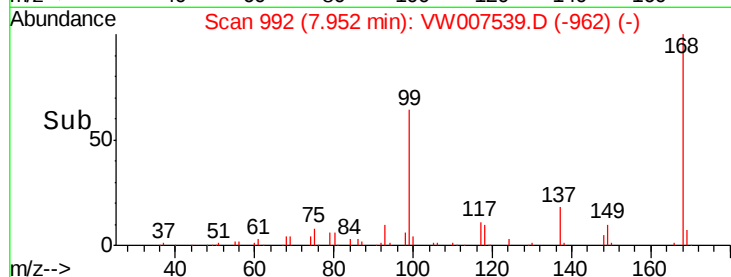
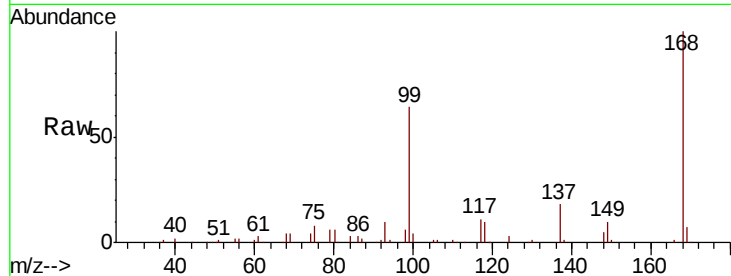




#38
Carbon Tetrachloride
Concen: 6.504 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007539.D
Acq: 14 Dec 2018 16:52

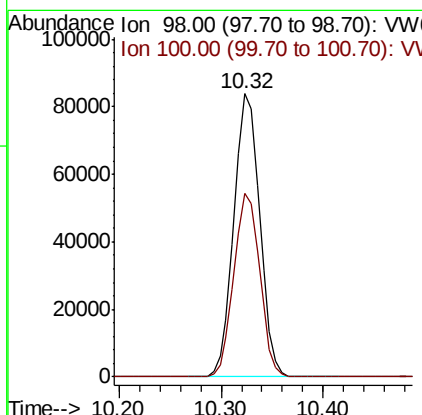
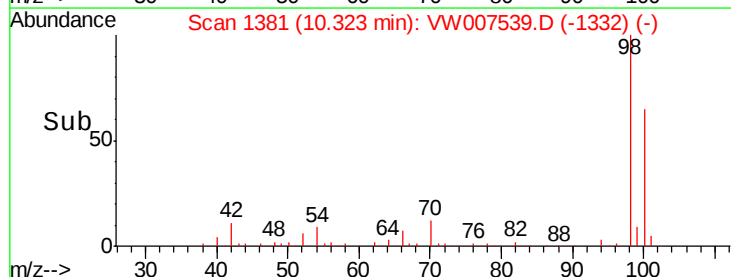
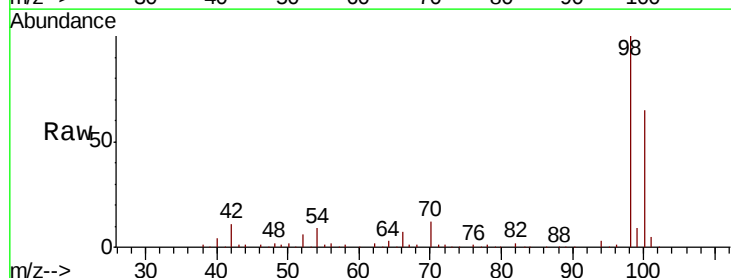
Instrument :
MSVOA_W
ClientSampleId :
SB-07B

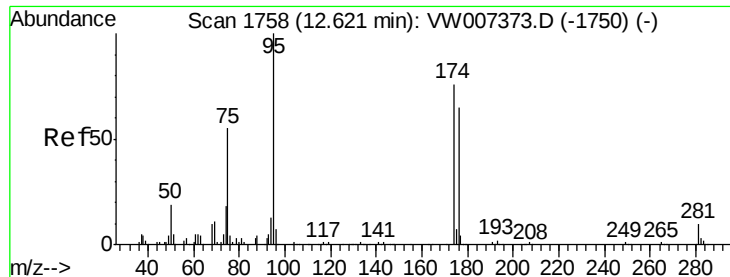
Tgt Ion: 117 Resp: 8485
Ion Ratio Lower Upper
117 100
119 6.7 74.3 111.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 49.248 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007539.D
Acq: 14 Dec 2018 16:52

Tgt Ion: 98 Resp: 146907
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.8

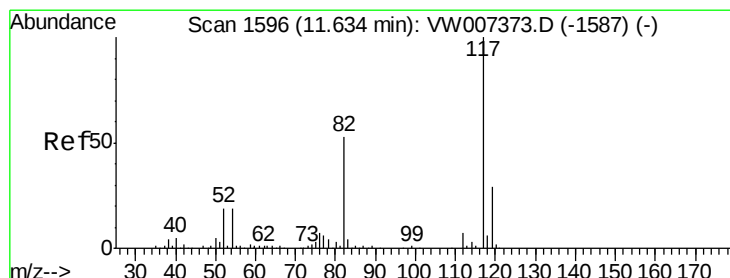
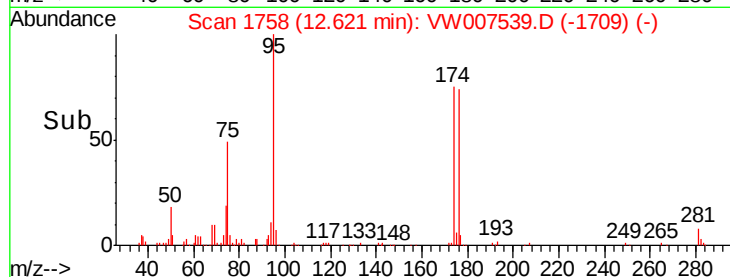
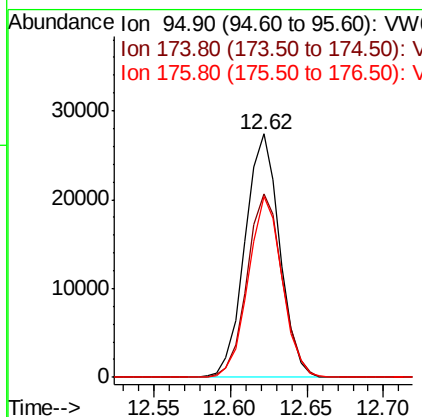
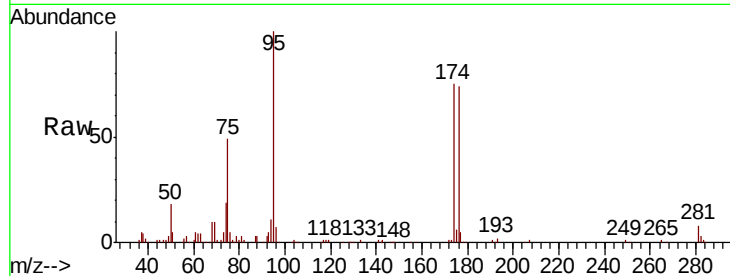




#62
4-Bromofluorobenzene
Concen: 39.332 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007539.D
Acq: 14 Dec 2018 16:52

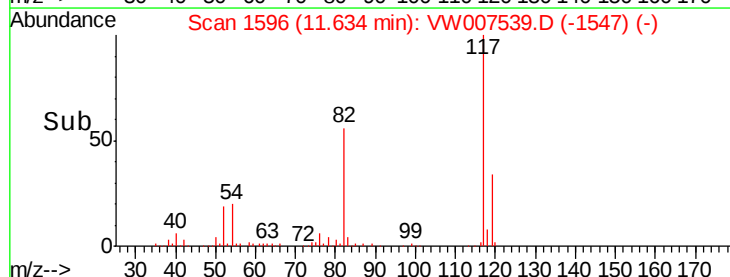
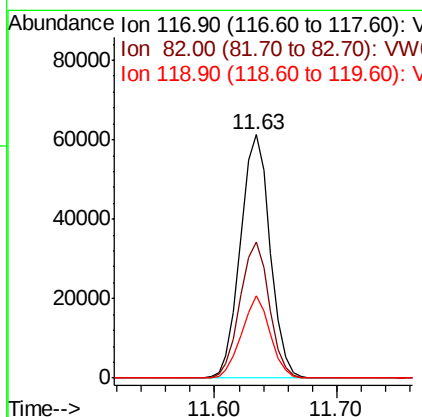
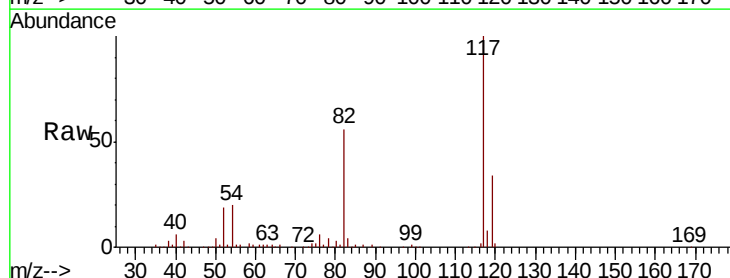
Instrument :
MSVOA_W
ClientSampleId :
SB-07B

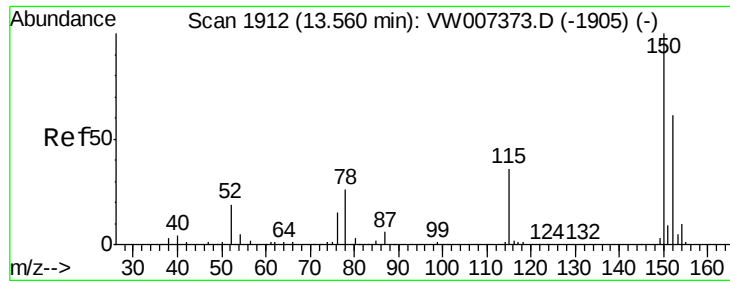
Tgt Ion: 95 Resp: 43138
Ion Ratio Lower Upper
95 100
174 76.3 0.0 147.2
176 72.6 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007539.D
Acq: 14 Dec 2018 16:52

Tgt Ion: 117 Resp: 102950
Ion Ratio Lower Upper
117 100
82 55.8 42.3 63.5
119 33.7 23.0 34.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007539.D

Acq: 14 Dec 2018 16:52

Instrument :

MSVOA_W

ClientSampleId :

SB-07B

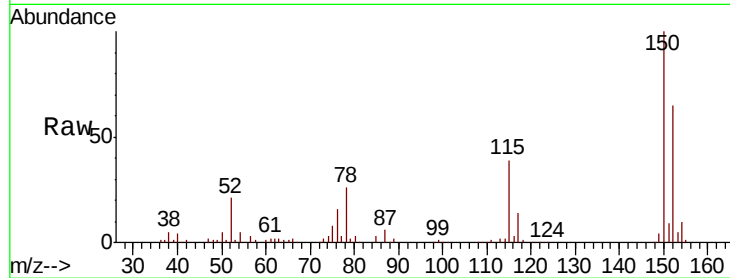
Tgt Ion:152 Resp: 36860

Ion Ratio Lower Upper

152 100

115 60.0 31.4 94.2

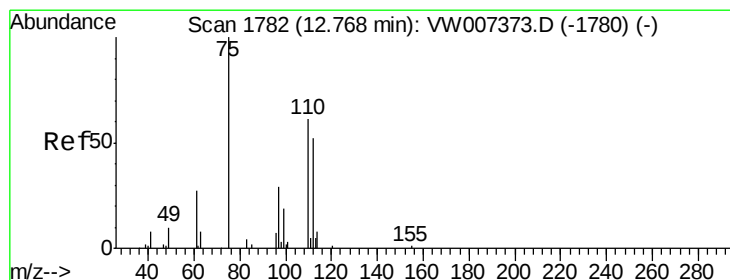
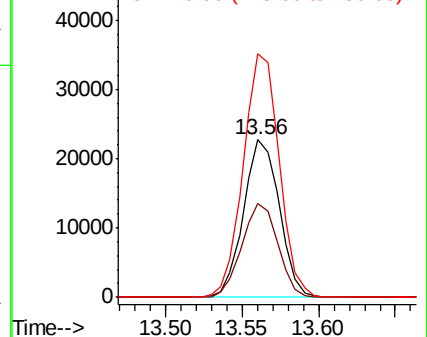
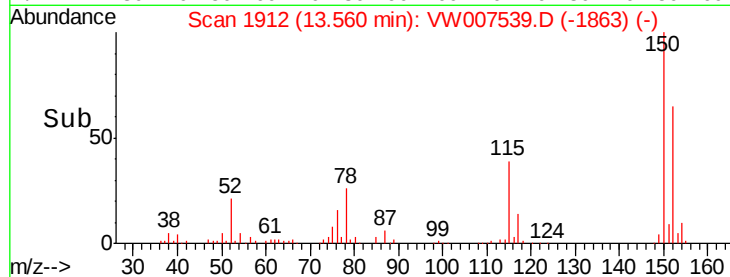
150 155.1 0.0 358.4



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: 71.469 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007539.D

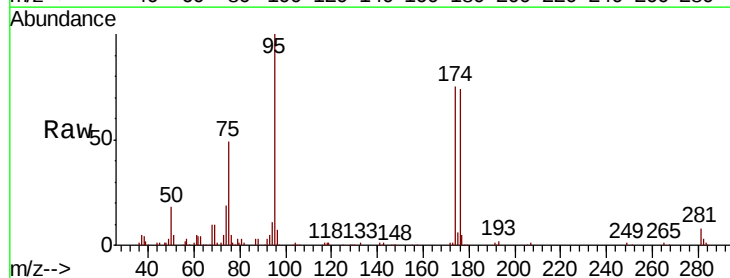
Acq: 14 Dec 2018 16:52

Tgt Ion: 75 Resp: 21721

Ion Ratio Lower Upper

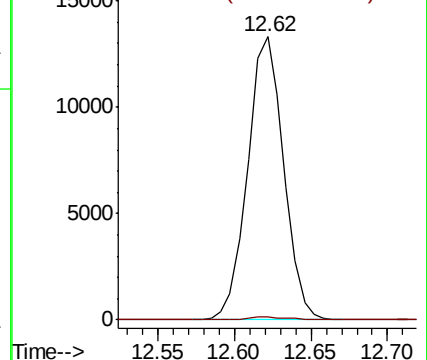
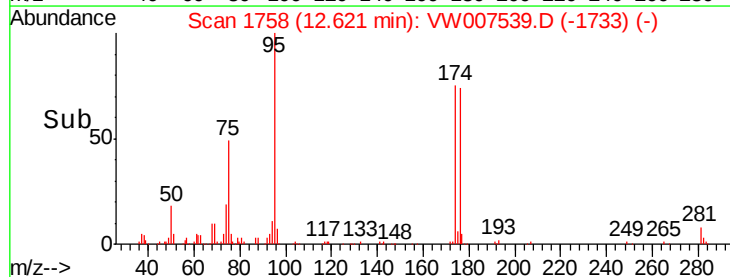
75 100

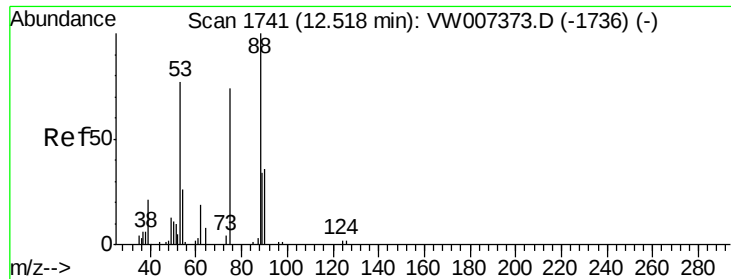
77 1.1 166.9 500.8#



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: 157.876 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007539.D

Acq: 14 Dec 2018 16:52

Instrument :

MSVOA_W

ClientSampleId :

SB-07B

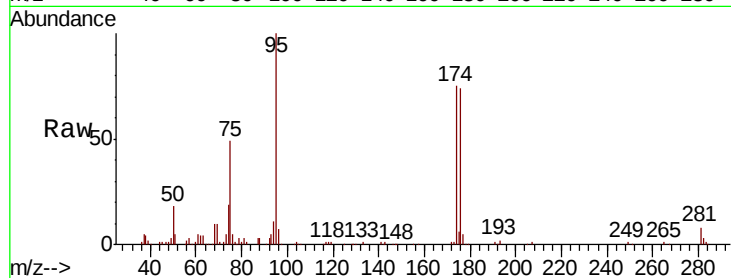
Tgt Ion: 75 Resp: 21721

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

