

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW0066736.D
 Acq On : 07 Nov 2018 15:15
 Operator : SY/AP
 Sample : J5764-01RE
 Misc : 5.31G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 15:51:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

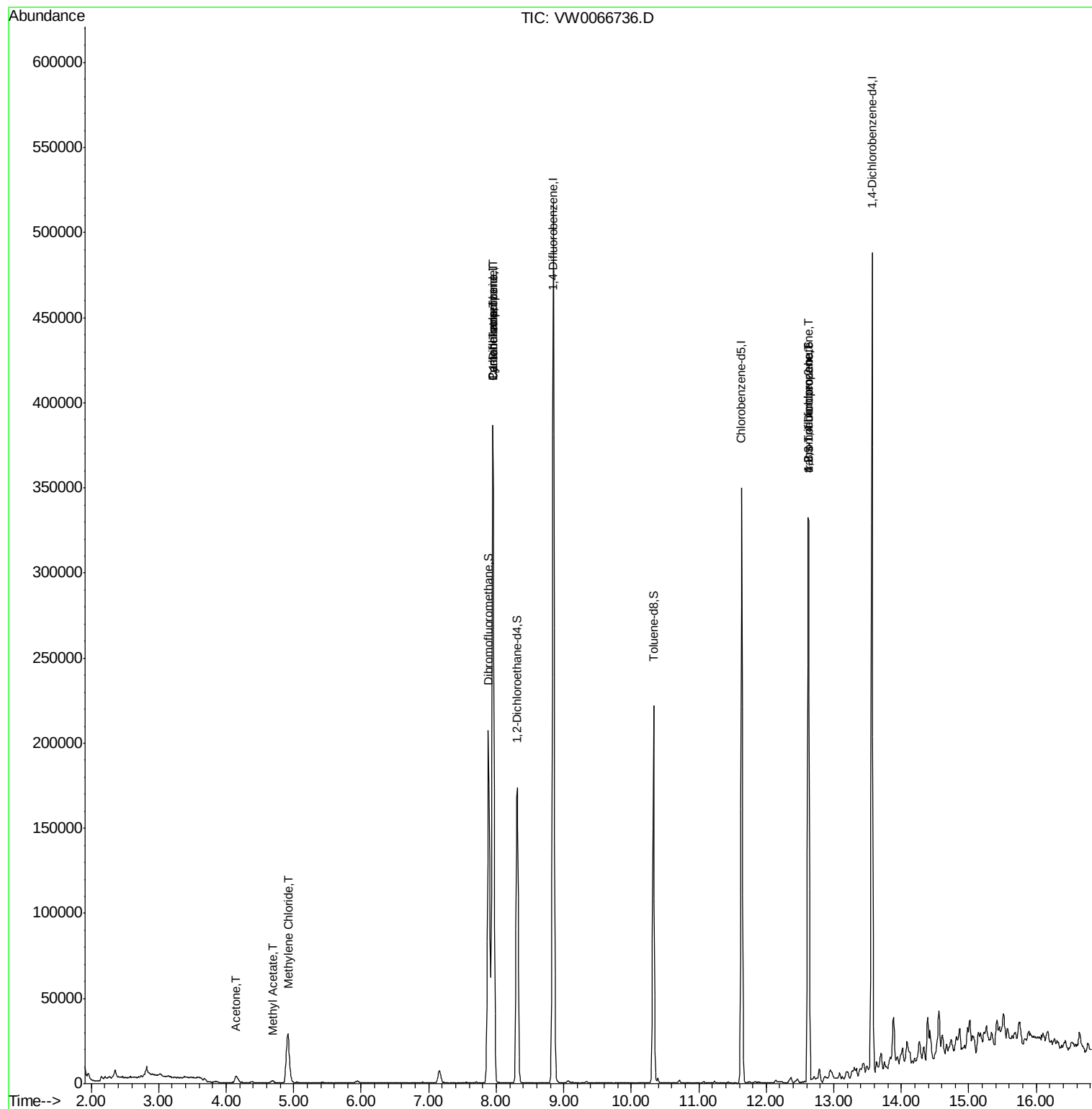
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	322011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	460594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	212160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	138485	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	138929	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
35) Dibromofluoromethane	7.89	113	148697	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
50) Toluene-d8	10.33	98	152634	13.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	27.74%	
62) 4-Bromofluorobenzene	12.62	95	103981	26.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.12%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	8525	19.076	ug/l	90
18) Methyl Acetate	4.69	43	2546	1.981	ug/l #	72
20) Methylene Chloride	4.91	84	25276	3.128	ug/l	98
31) Cyclohexane	7.95	56	5427	1.231	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	19675	4.857	ug/l #	48
38) Carbon Tetrachloride	7.95	117	28322	6.692	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	51145	47.335	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	51145	118.721	ug/l #	11

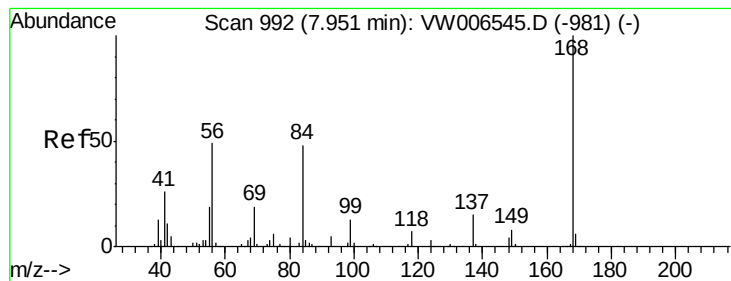
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW0066736.D

Acq: 07 Nov 2018 15:15

Instrument :

MSVOA_W

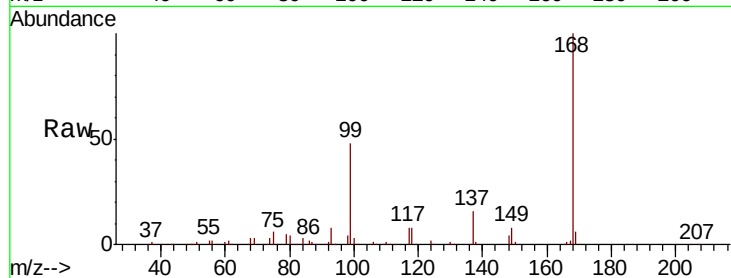
ClientSampleId :

Tot Ion:168 Resp: 322011

Ion Ratio Lower Upper

168 100

99 48.0 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

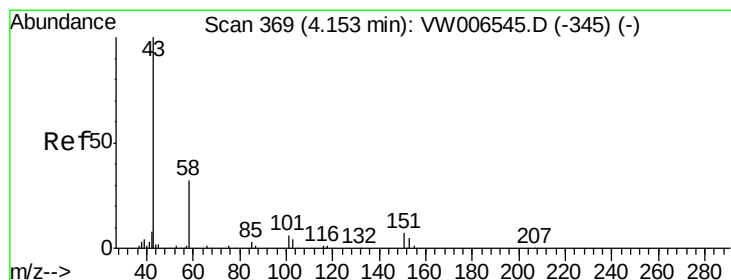
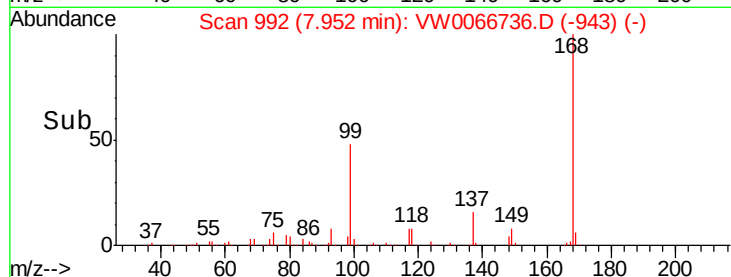
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 19.076 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW0066736.D

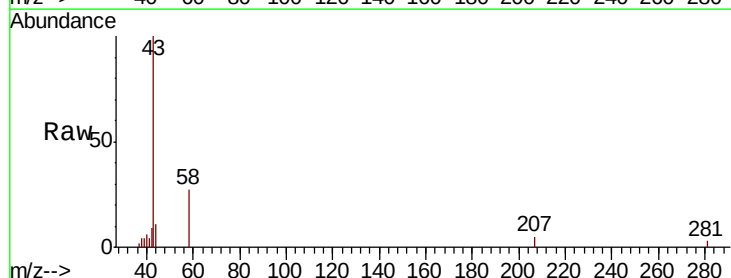
Acq: 07 Nov 2018 15:15

Tgt Ion: 43 Resp: 8525

Ion Ratio Lower Upper

43 100

58 26.7 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

2500

2000

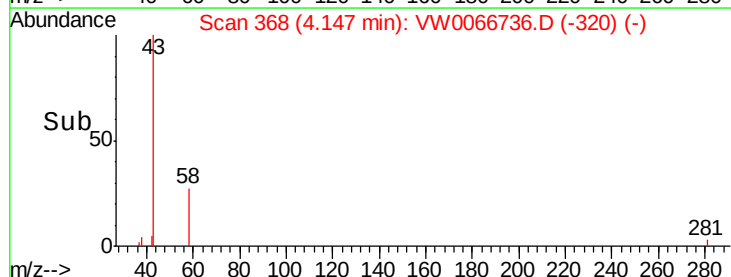
1500

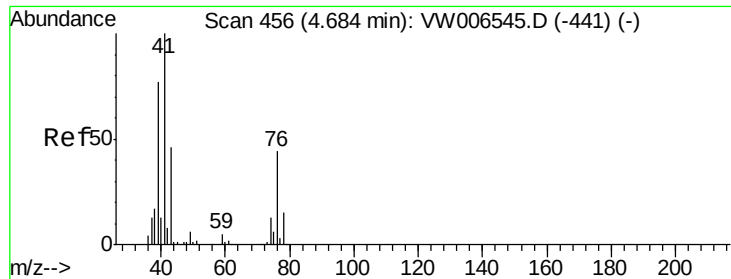
1000

500

0

Time-->

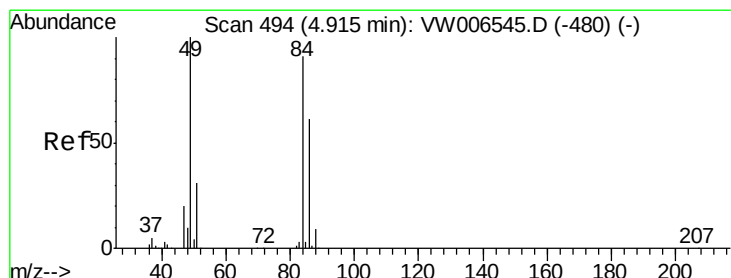
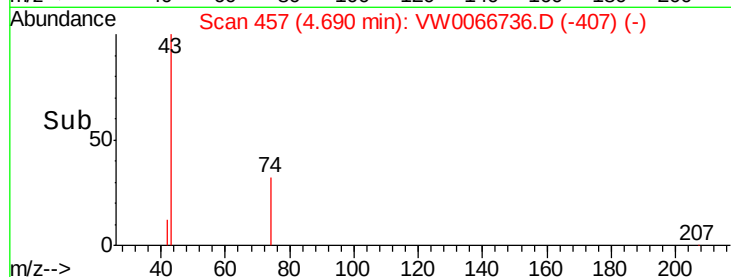
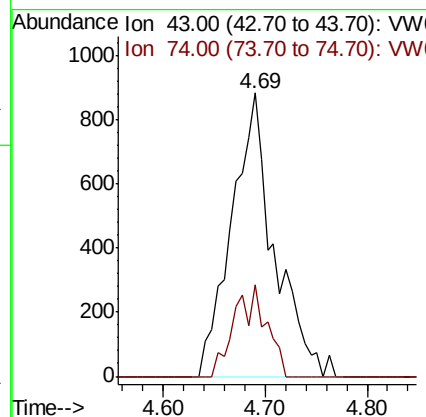
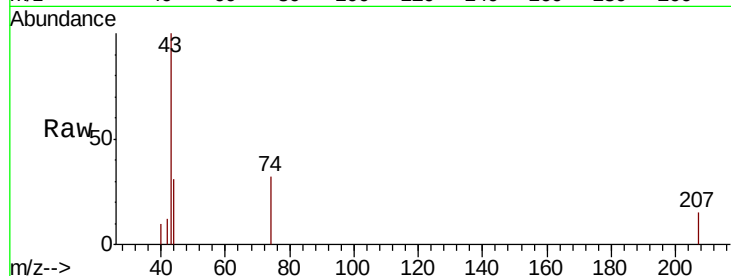




#18
Methyl Acetate
Concen: 1.981 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW0066736.D
Acq: 07 Nov 2018 15:15

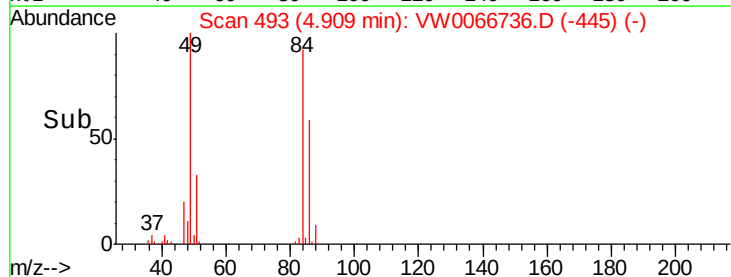
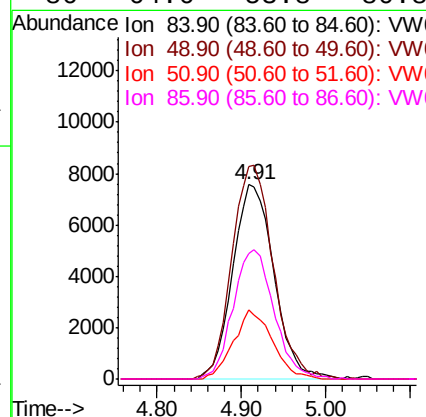
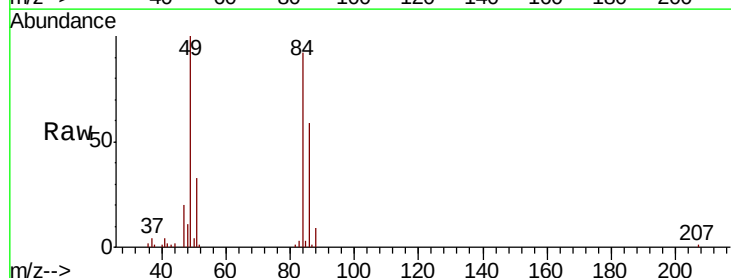
Instrument :
MSVOA_W
ClientSampleId :

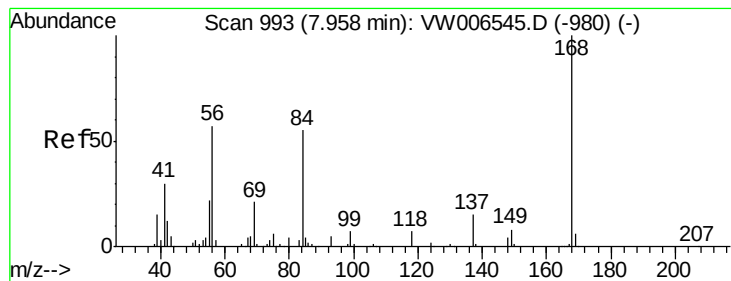
Tot Ion: 43 Resp: 2546
Ion Ratio Lower Upper
43 100
74 12.6 21.9 32.9#



#20
Methylene Chloride
Concen: 3.128 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW0066736.D
Acq: 07 Nov 2018 15:15

Tgt Ion: 84 Resp: 25276
Ion Ratio Lower Upper
84 100
49 109.0 88.2 132.4
51 35.7 27.0 40.6
86 64.6 53.8 80.8





#31

Cyclohexane

Concen: 1.231 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW0066736.D

Acq: 07 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampled :

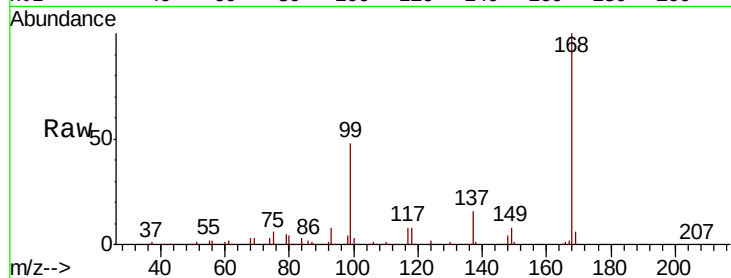
Tot Ion: 56 Resp: 5427

Ion Ratio Lower Upper

56 100

69 162.4 29.0 43.4#

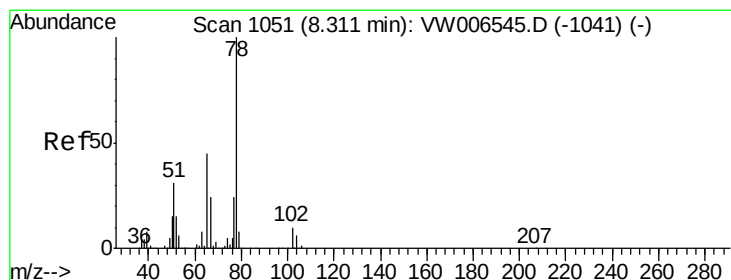
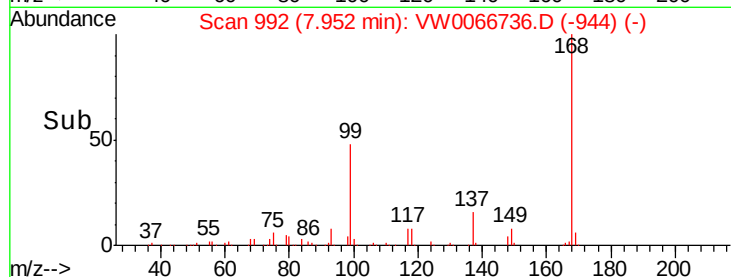
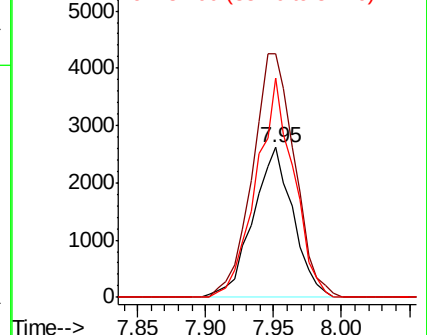
84 146.4 77.8 116.6#



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



#33

1,2-Dichloroethane-d4

Concen: 50.191 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW0066736.D

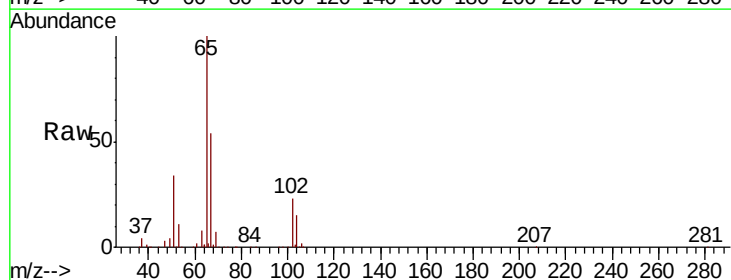
Acq: 07 Nov 2018 15:15

Tgt Ion: 65 Resp: 138929

Ion Ratio Lower Upper

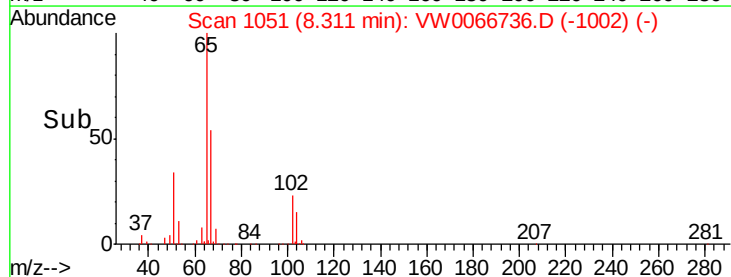
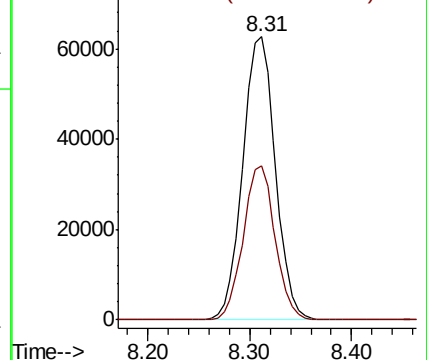
65 100

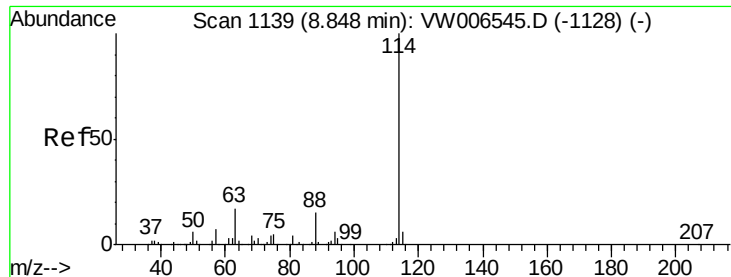
67 53.1 0.0 104.4



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: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW0066736.D

Acq: 07 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

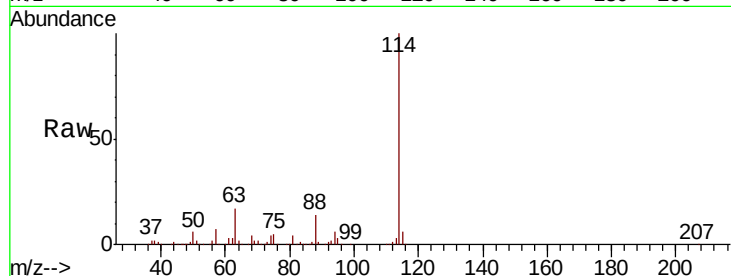
Tot Ion:114 Resp: 460594

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

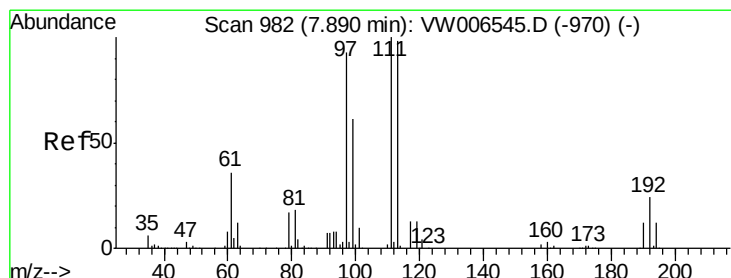
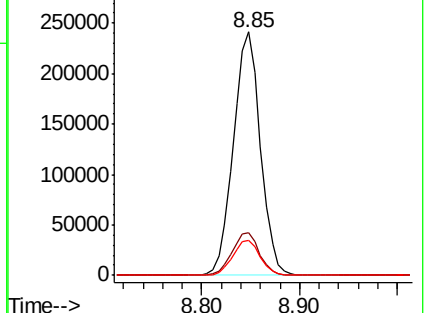
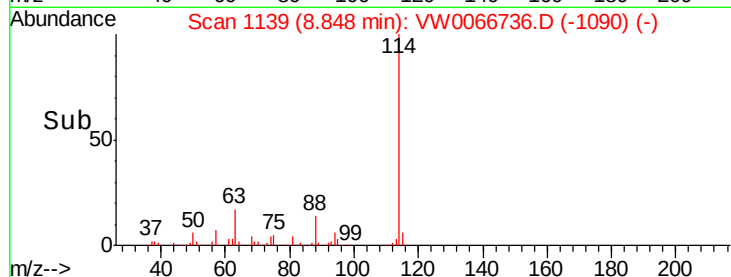
88 14.2 0.0 29.0



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: 51.442 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW0066736.D

Acq: 07 Nov 2018 15:15

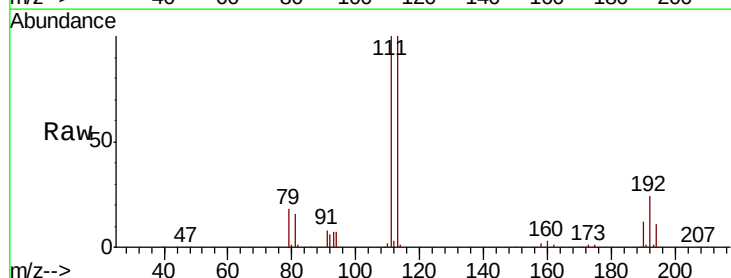
Tgt Ion:113 Resp: 148697

Ion Ratio Lower Upper

113 100

111 100.9 82.2 123.2

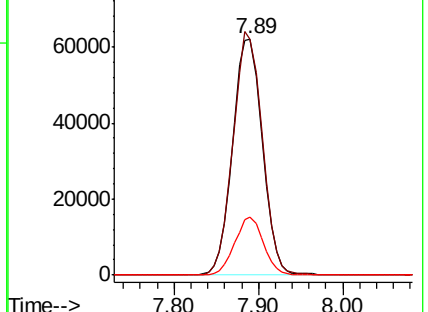
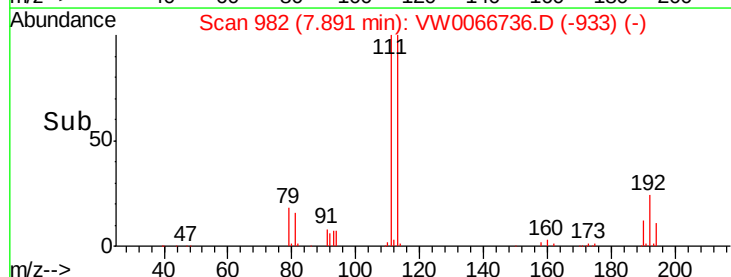
192 23.5 19.0 28.6

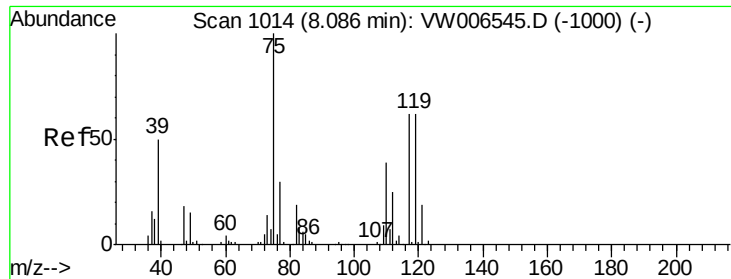


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

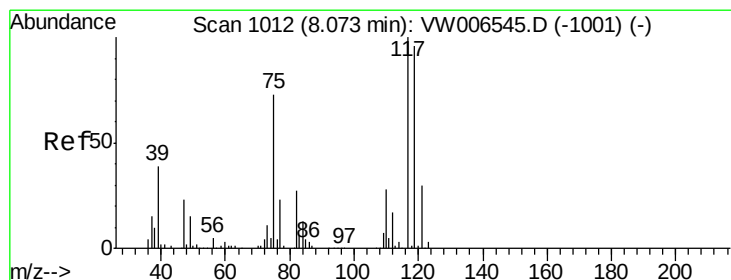
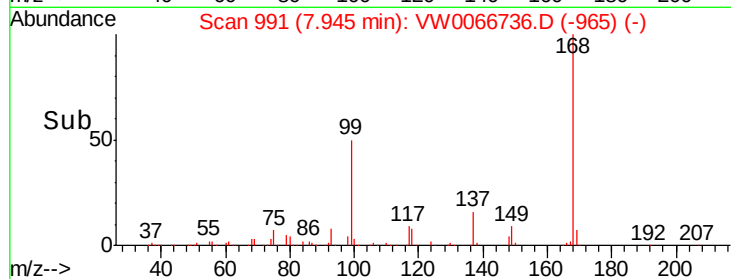
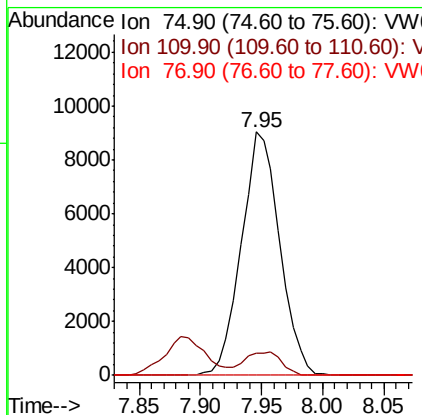
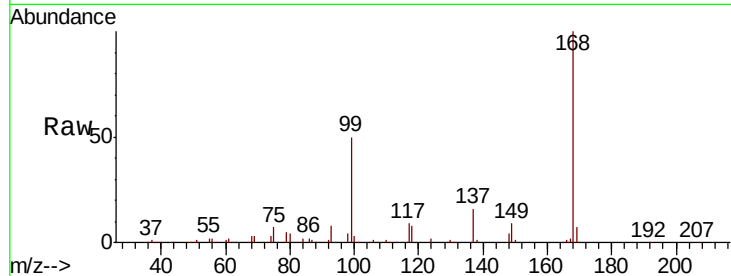




#36
 1,1-Dichloropropene
 Concen: 4.857 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW0066736.D
 Acq: 07 Nov 2018 15:15

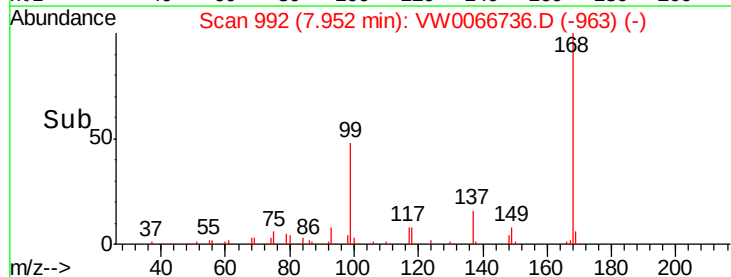
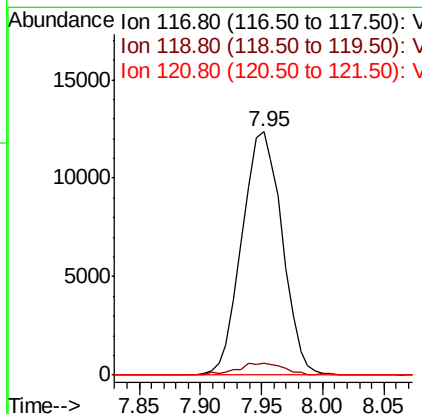
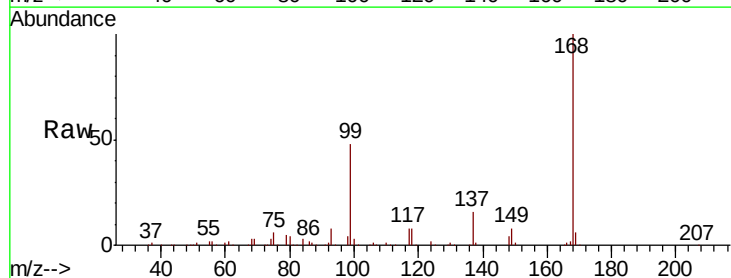
Instrument :
 MSVOA_W
 ClientSampleId :

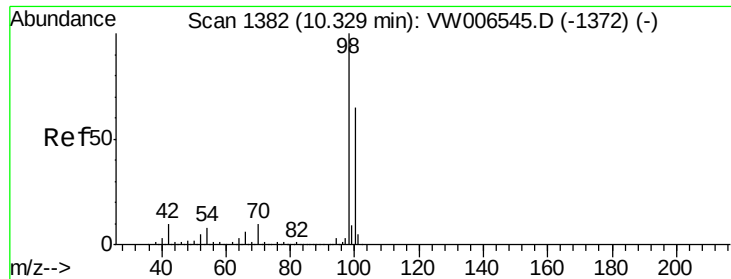
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.5	19.5	58.5#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.692 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW0066736.D
 Acq: 07 Nov 2018 15:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.3	114.5#
121	0.0	24.1	36.1#





#50

Toluene-d8

Concen: 13.871 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW0066736.D

Acq: 07 Nov 2018 15:15

Instrument :

MSVOA_W

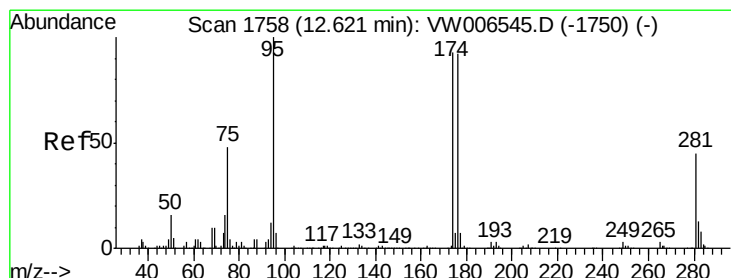
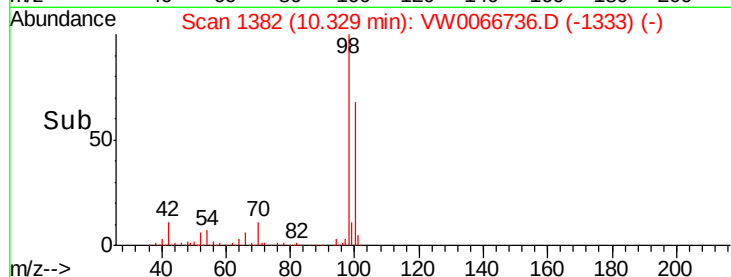
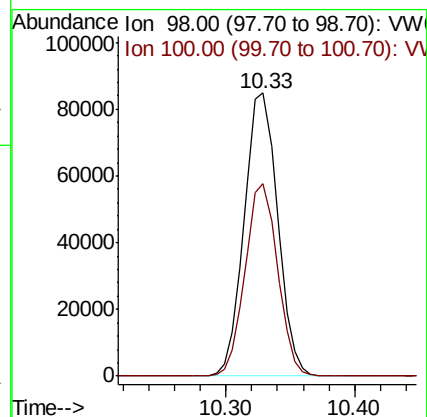
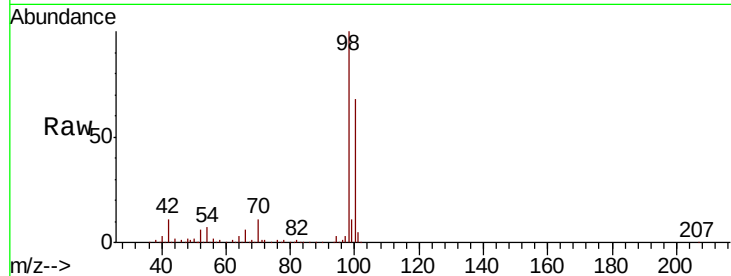
ClientSampleId :

Tot Ion: 98 Resp: 152634

Ion Ratio Lower Upper

98 100

100 66.0 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 26.065 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW0066736.D

Acq: 07 Nov 2018 15:15

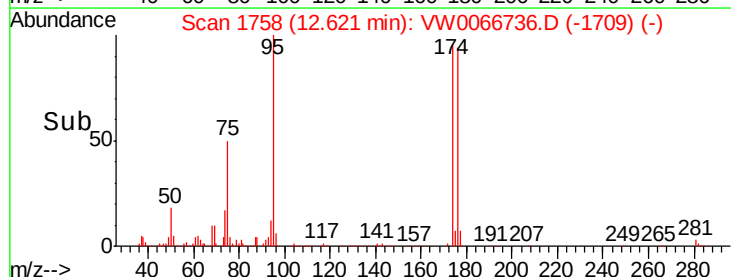
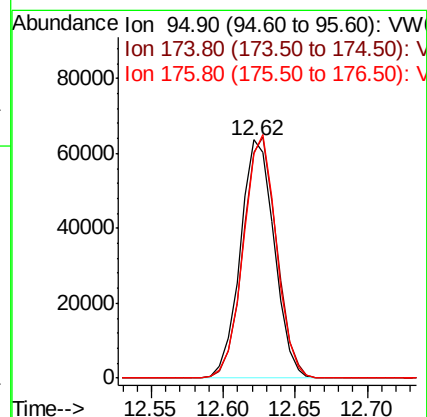
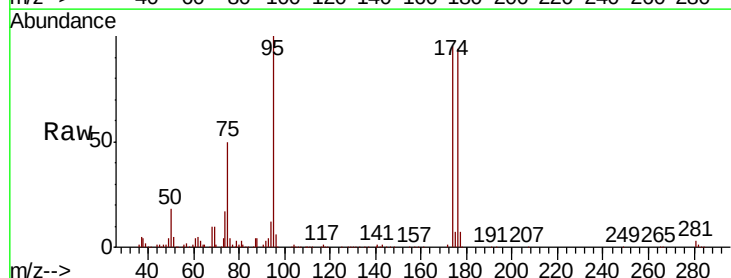
Tgt Ion: 95 Resp: 103981

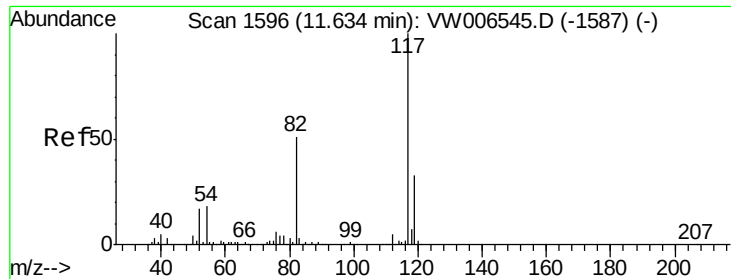
Ion Ratio Lower Upper

95 100

174 99.7 0.0 192.4

176 98.9 0.0 187.4

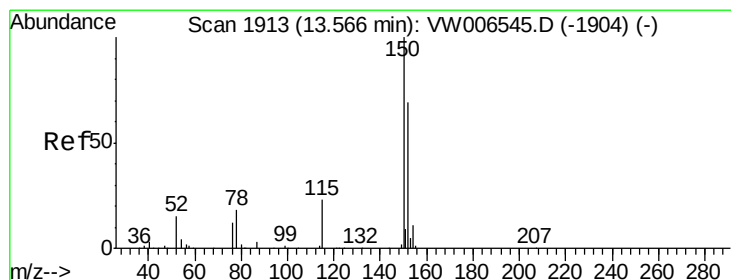
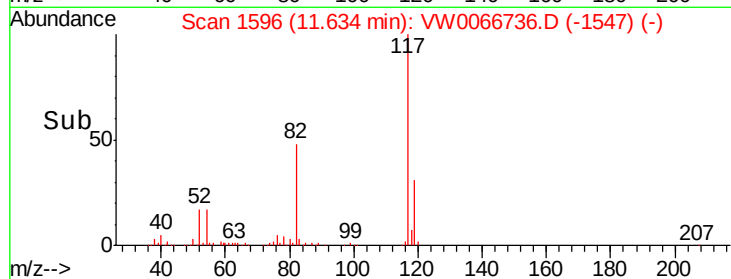
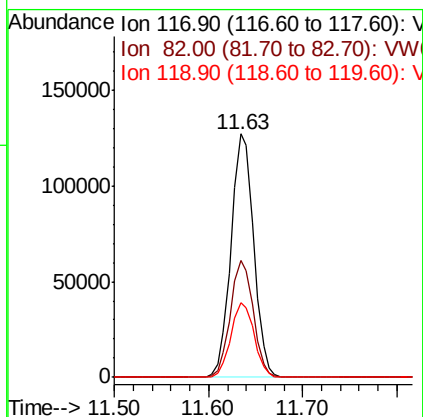
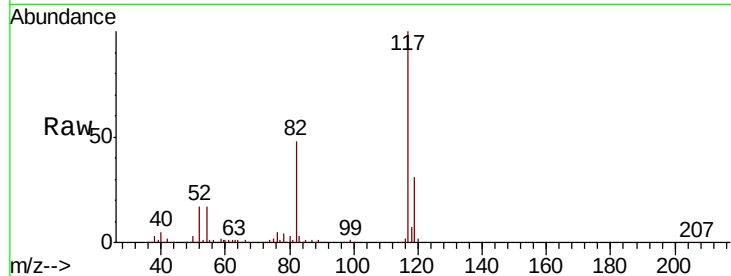




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW0066736.D
Acq: 07 Nov 2018 15:15

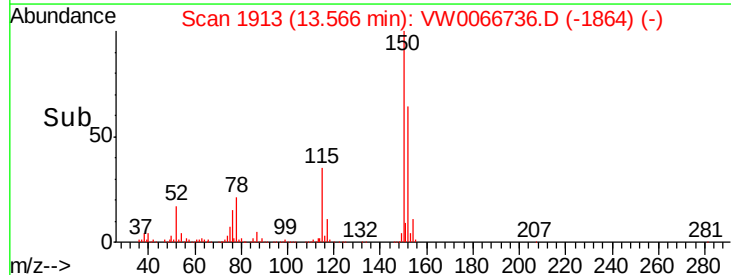
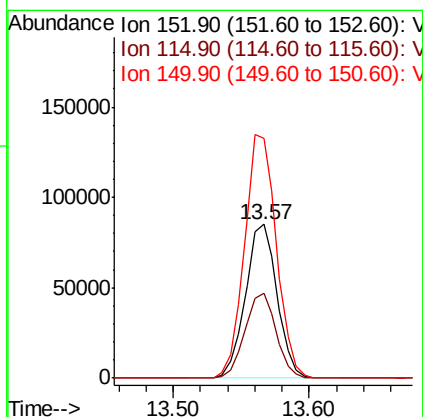
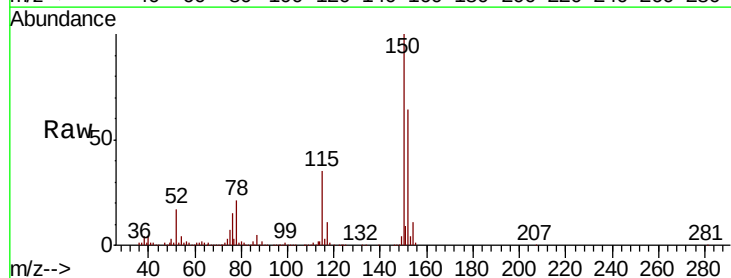
Instrument :
MSVOA_W
ClientSampleId :

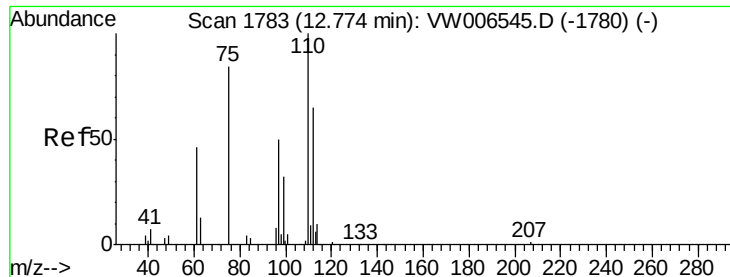
Tot Ion	Ratio	Lower	Upper
117	100		
82	48.2	40.8	61.2
119	30.8	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW0066736.D
Acq: 07 Nov 2018 15:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	26.6	79.8
150	159.4	0.0	344.6





#76

1,2,3-Trichloropropane

Concen: 47.335 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW0066736.D

Acq: 07 Nov 2018 15:15

Instrument :

MSVOA_W

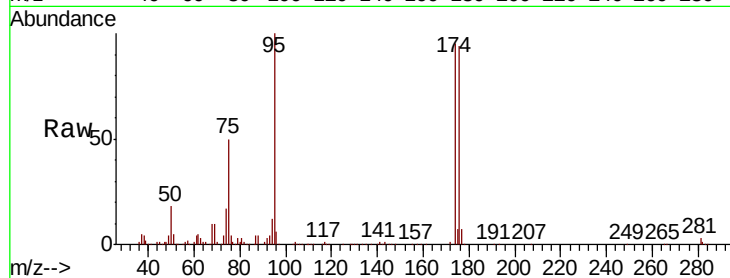
ClientSampleId :

Tot Ion: 75 Resp: 51145

Ion Ratio Lower Upper

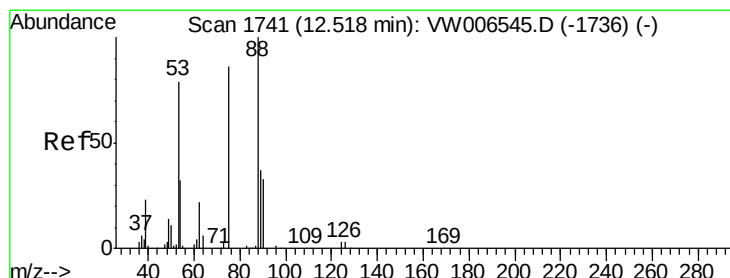
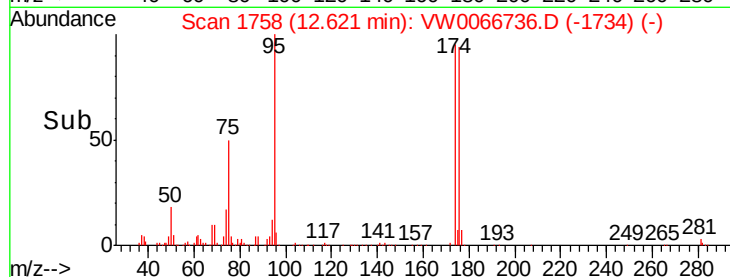
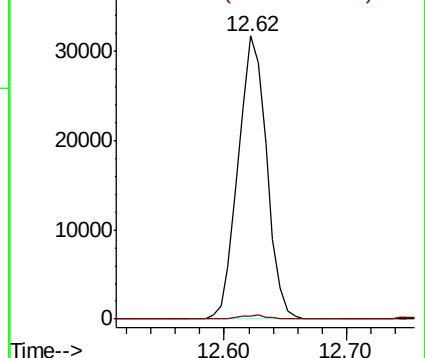
75 100

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: 118.721 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW0066736.D

Acq: 07 Nov 2018 15:15

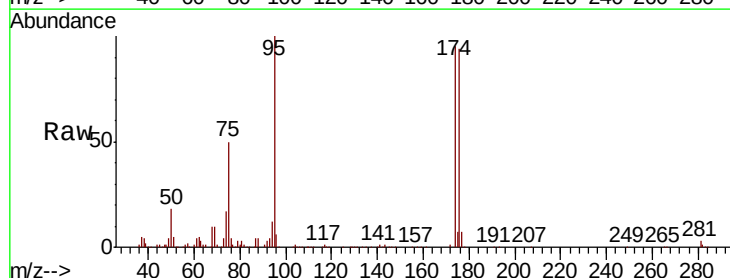
Tgt Ion: 75 Resp: 51145

Ion Ratio Lower Upper

75 100

53 0.1 77.2 115.8#

89 0.0 38.6 58.0#



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

