

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006746.D
 Acq On : 07 Nov 2018 19:33
 Operator : SY/AP
 Sample : J5745-10
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 09 09:49:44 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

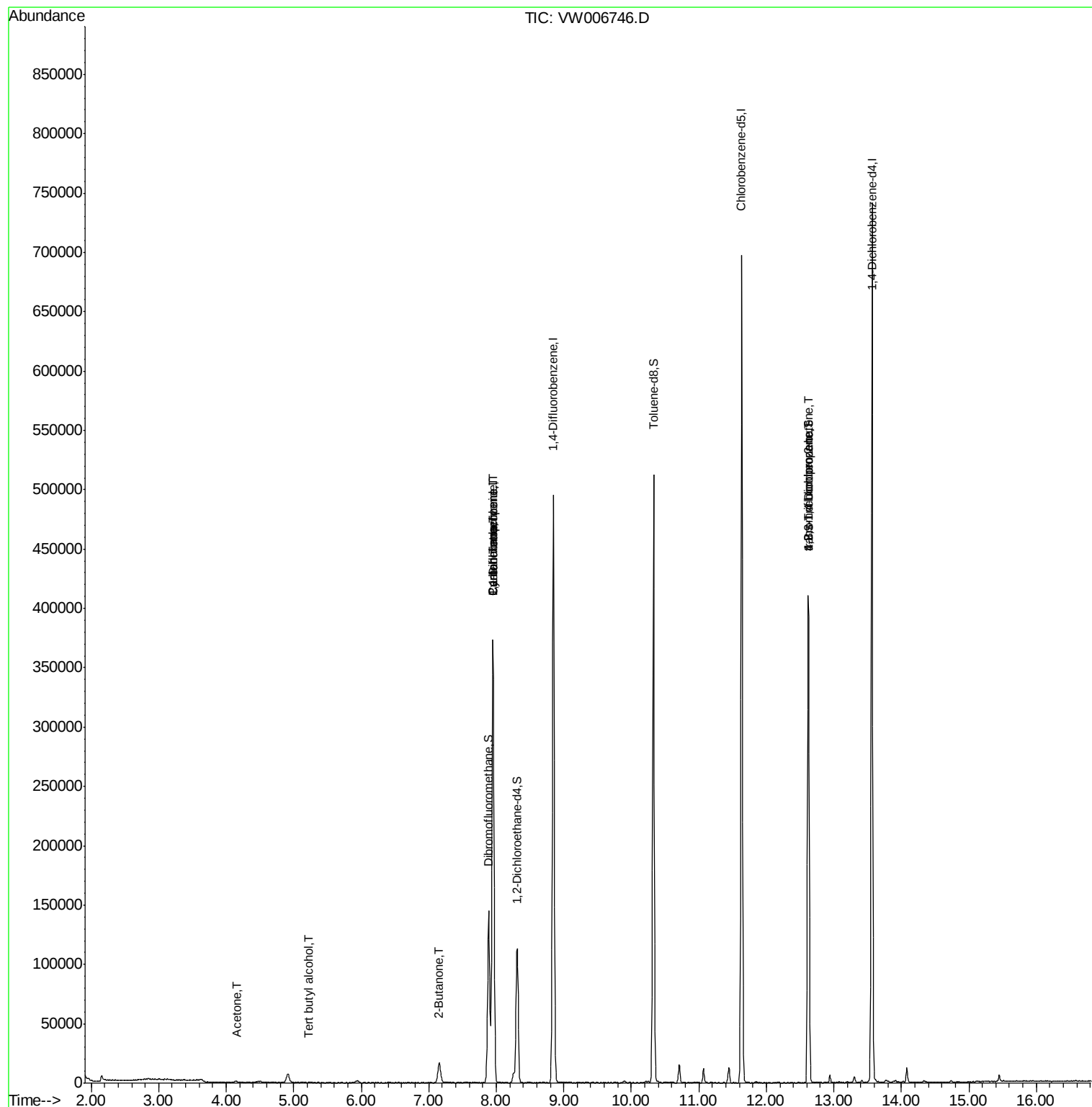
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	309072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	446925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	415191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	213826	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	91562	34.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.92%	
35) Dibromofluoromethane	7.89	113	100165	35.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.42%	
50) Toluene-d8	10.33	98	352529	33.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.04%	
62) 4-Bromofluorobenzene	12.62	95	120806	31.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.42%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.21	59	430	3.004	ug/l #	84
16) Acetone	4.16	43	2603	6.069	ug/l #	86
20) Methylene Chloride	4.91	84	6381	Below Cal		90
25) 2-Butanone	7.16	43	837	1.367	ug/l #	46
31) Cyclohexane	7.95	56	4938	1.167	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	19304	4.912	ug/l #	48
38) Carbon Tetrachloride	7.95	117	26501	6.453	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	58880	35.293	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	58880	89.195	ug/l #	11

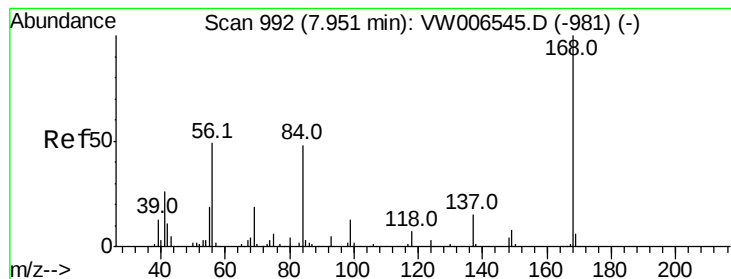
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006746.D

Acq: 07 Nov 2018 19:33

Instrument :

MSVOA_W

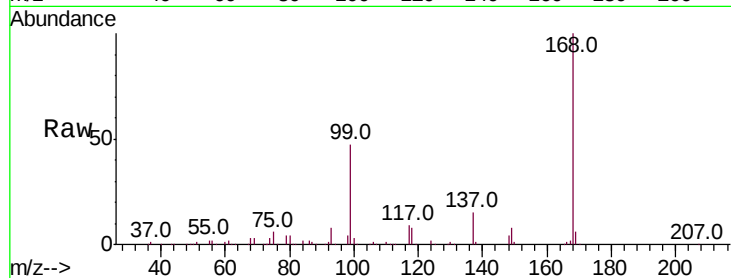
ClientSampleId :

Tot Ion:168 Resp: 309072

Ion Ratio Lower Upper

168 100

99 46.9 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

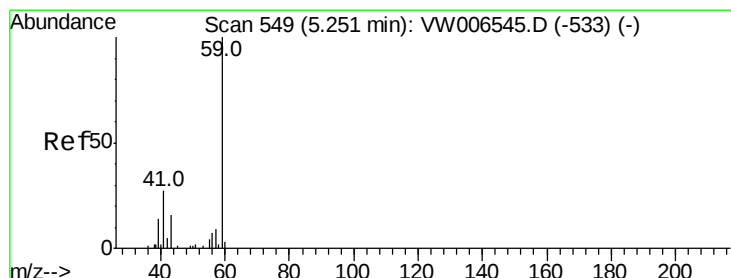
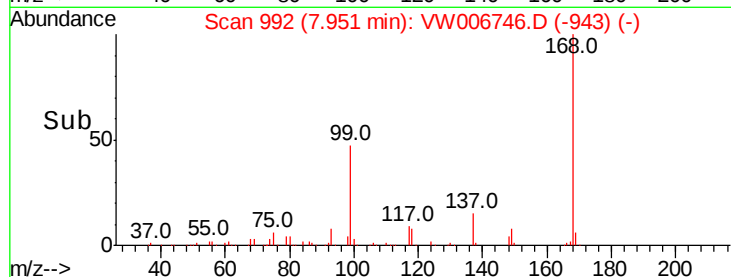
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.004 ug/l

RT: 5.21 min Scan# 543

Delta R.T. -0.04 min

Lab File: VW006746.D

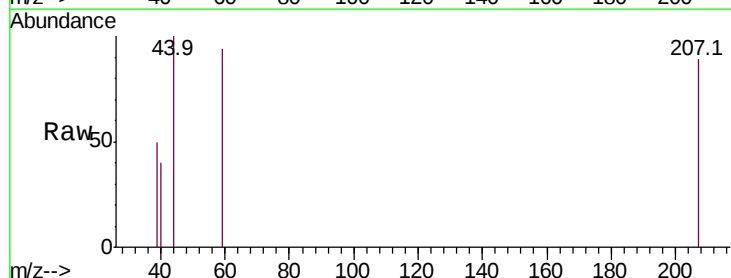
Acq: 07 Nov 2018 19:33

Tgt Ion: 59 Resp: 430

Ion Ratio Lower Upper

59 100

57 0.0 4.3 6.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

200

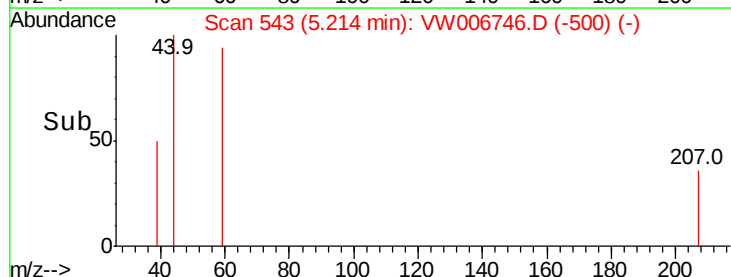
150

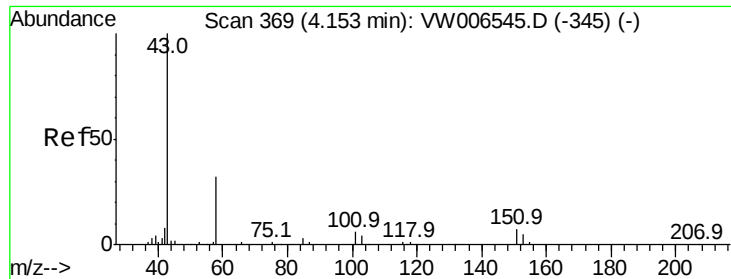
100

50

0

Time-->





#16

Acetone

Concen: 6.069 ug/l

RT: 4.16 min Scan# 370

Delta R.T. 0.01 min

Lab File: VW006746.D

Acq: 07 Nov 2018 19:33

Instrument :

MSVOA_W

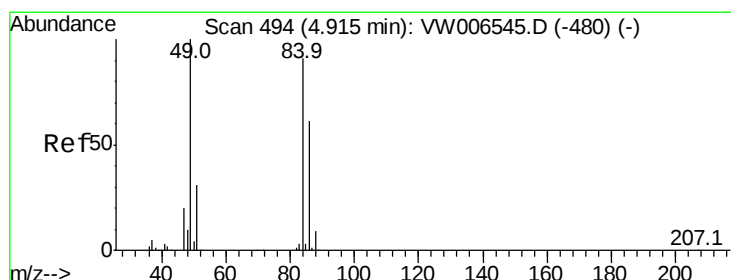
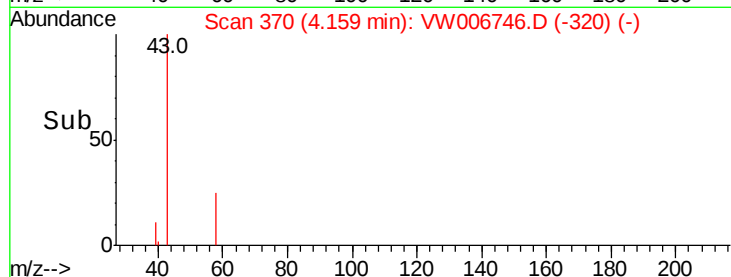
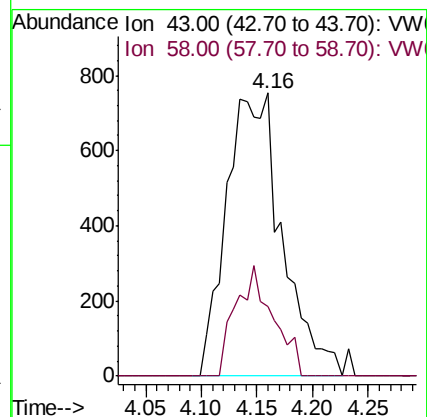
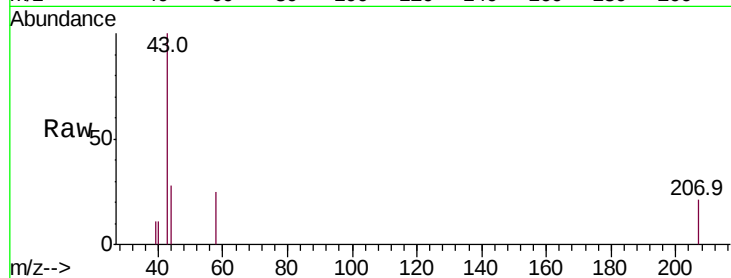
ClientSampleId :

Tot Ion: 43 Resp: 2603

Ion Ratio Lower Upper

43 100

58 24.7 25.8 38.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006746.D

Acq: 07 Nov 2018 19:33

Tgt Ion: 84 Resp: 6381

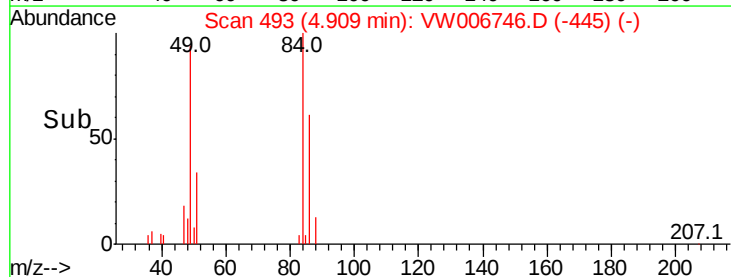
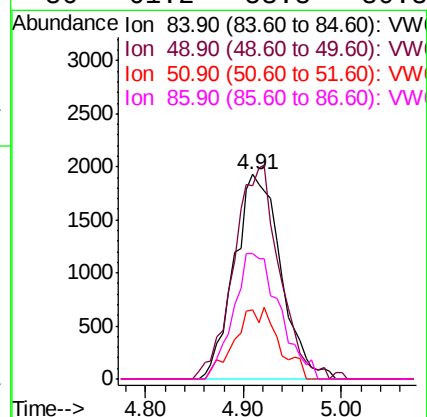
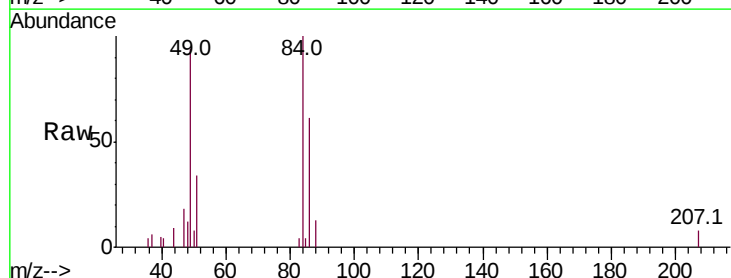
Ion Ratio Lower Upper

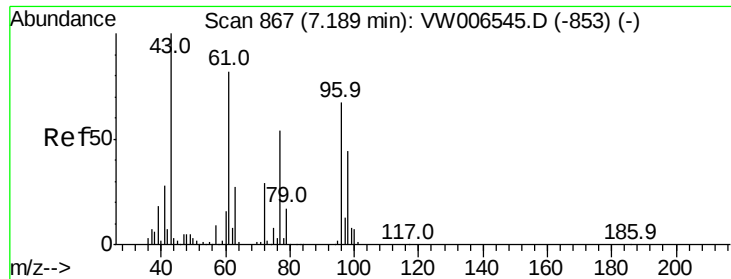
84 100

49 94.3 88.2 132.4

51 34.0 27.0 40.6

86 61.2 53.8 80.8

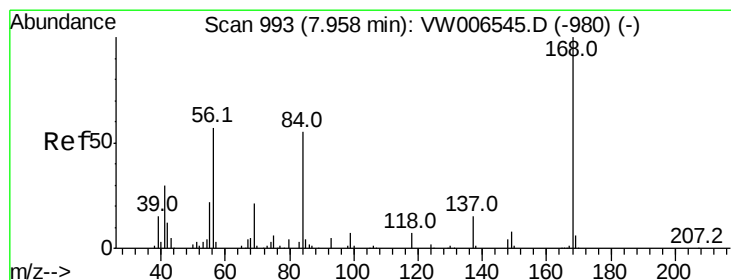
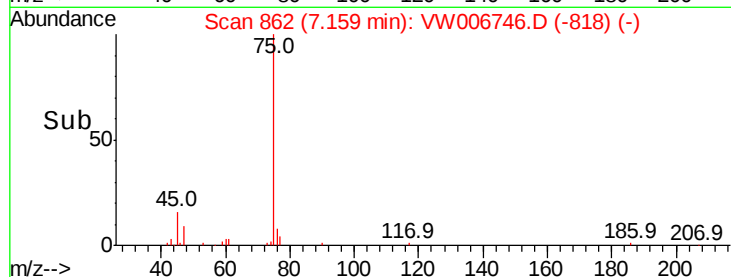
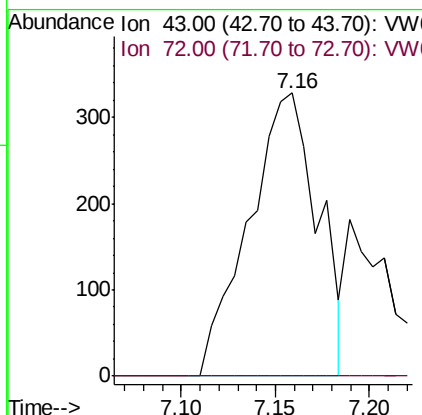
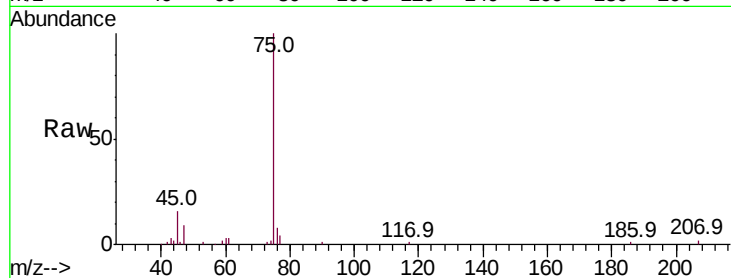




#25
2-Butanone
Concen: 1.367 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.03 min
Lab File: VW006746.D
Acq: 07 Nov 2018 19:33

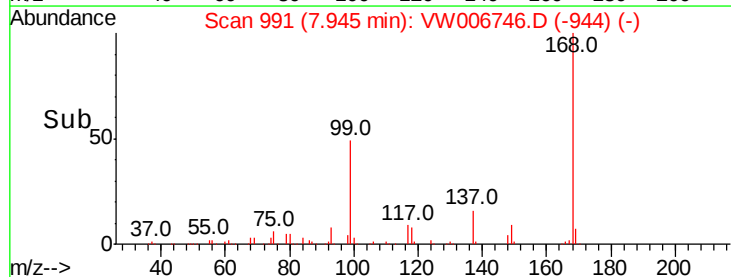
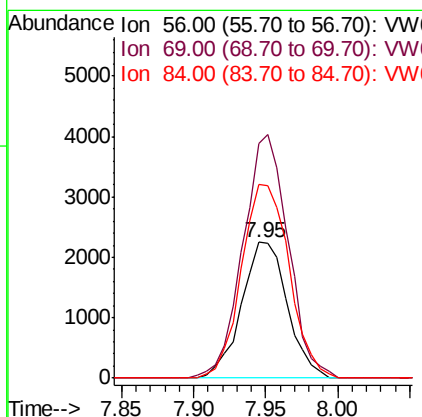
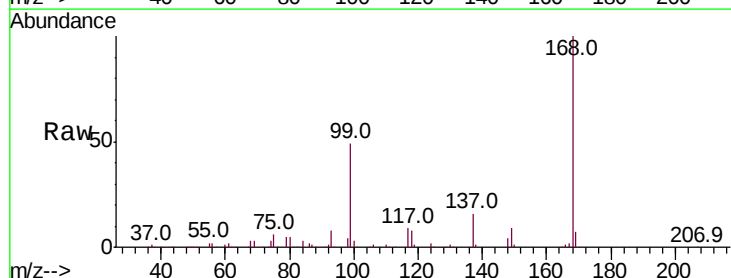
Instrument :
MSVOA_W
ClientSampleId :

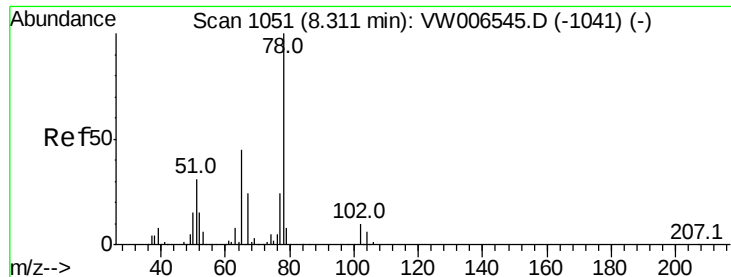
Tot Ion: 43 Resp: 837
Ion Ratio Lower Upper
43 100
72 0.0 23.2 34.8#



#31
Cyclohexane
Concen: 1.167 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006746.D
Acq: 07 Nov 2018 19:33

Tgt Ion: 56 Resp: 4938
Ion Ratio Lower Upper
56 100
69 172.6 29.0 43.4#
84 142.4 77.8 116.6#

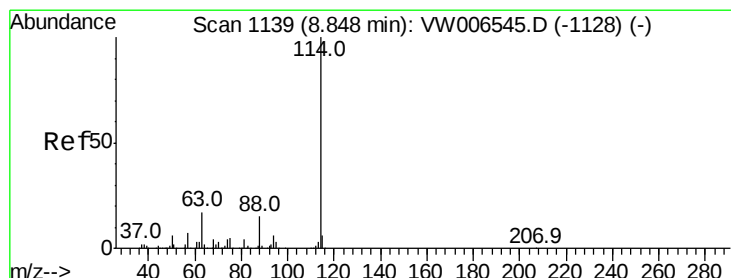
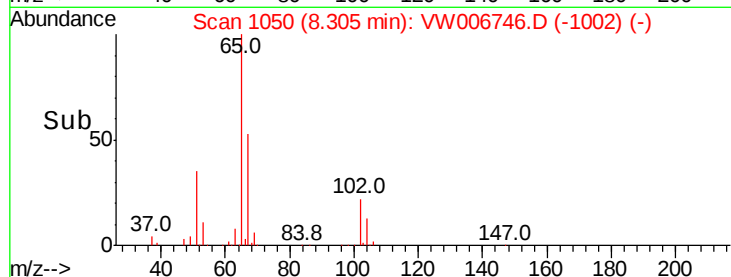
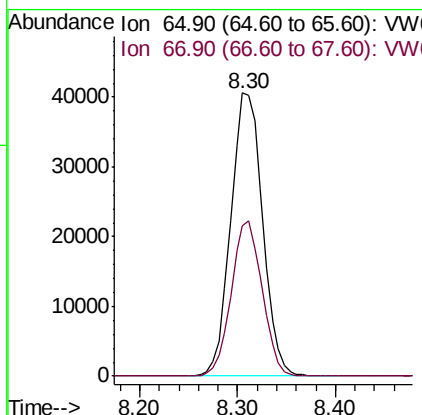
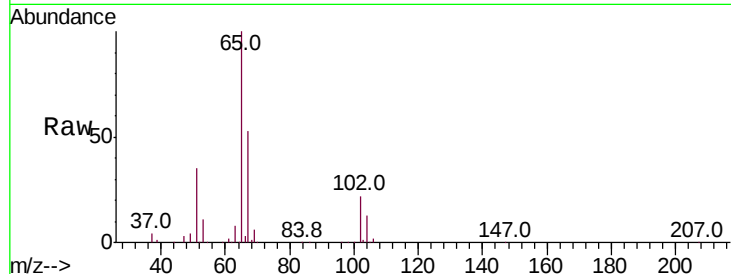




#33
 1,2-Dichloroethane-d4
 Concen: 34.464 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006746.D
 Acq: 07 Nov 2018 19:33

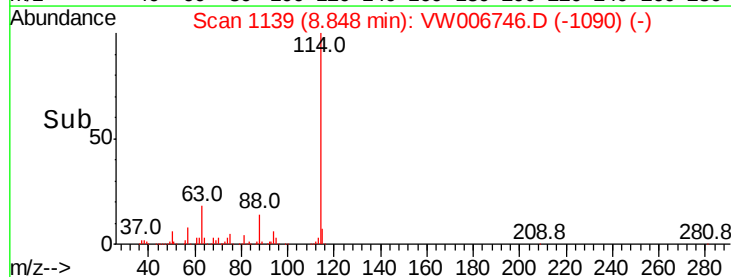
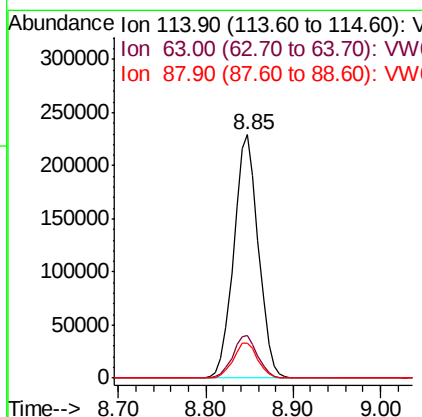
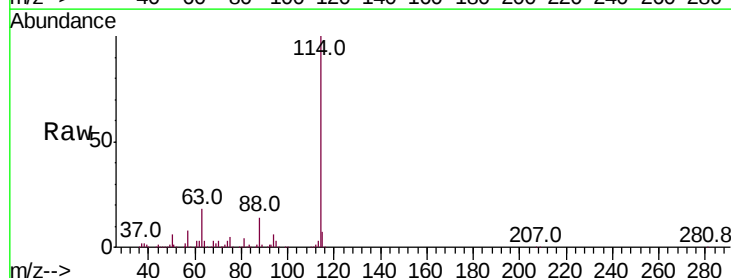
Instrument :
 MSVOA_W
 ClientSampleId :

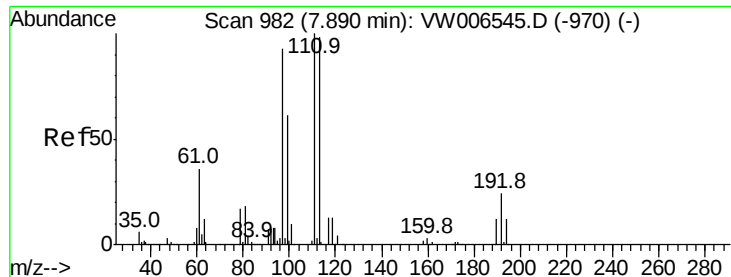
Tot Ion: 65 Resp: 91562
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006746.D
 Acq: 07 Nov 2018 19:33

Tgt Ion: 114 Resp: 446925
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.4
 88 14.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 35.712 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006746.D

Acq: 07 Nov 2018 19:33

Instrument :
MSVOA_W
ClientSampleId :

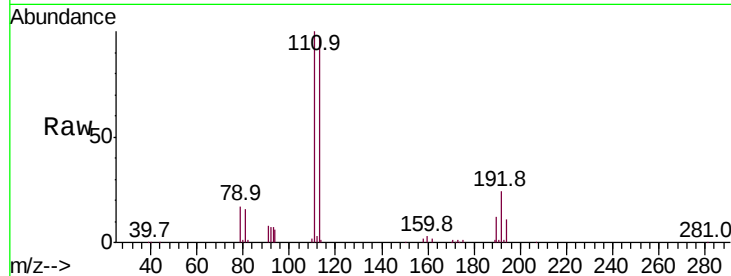
Tot Ion:113 Resp: 100165

Ion Ratio Lower Upper

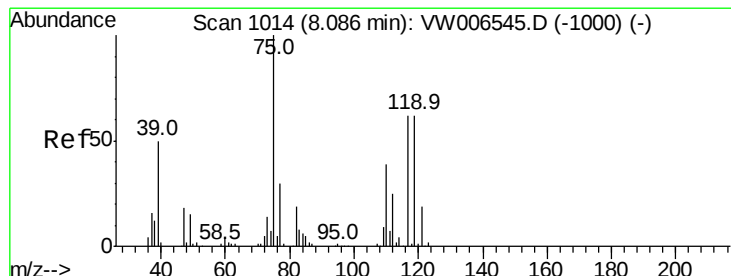
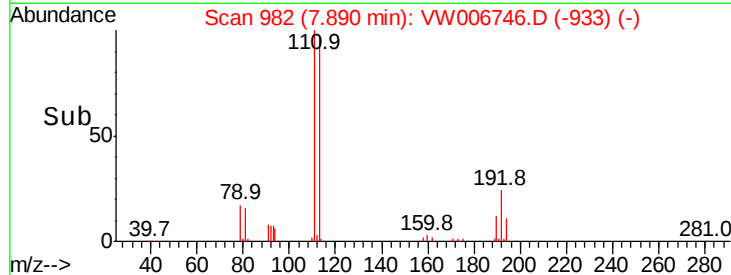
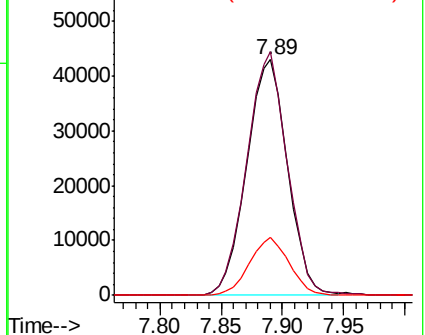
113 100

111 102.2 82.2 123.2

192 23.8 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: 4.912 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006746.D

Acq: 07 Nov 2018 19:33

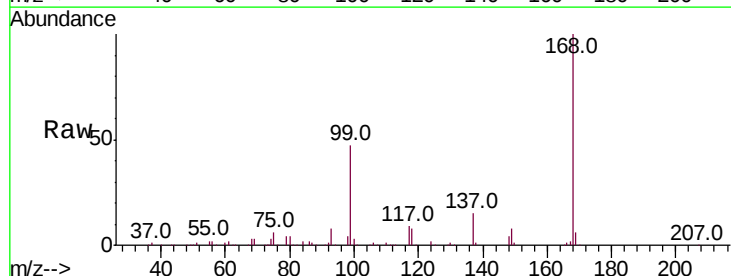
Tgt Ion: 75 Resp: 19304

Ion Ratio Lower Upper

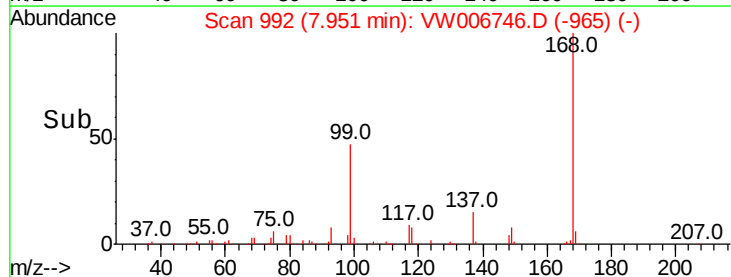
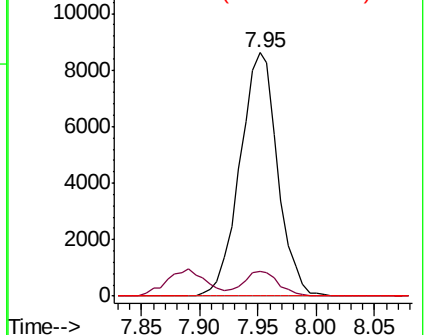
75 100

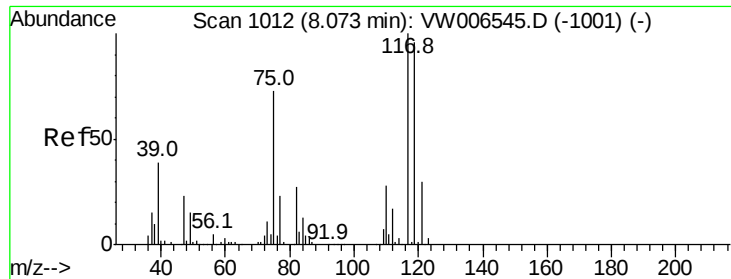
110 9.5 19.5 58.5#

77 0.0 24.6 37.0#



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

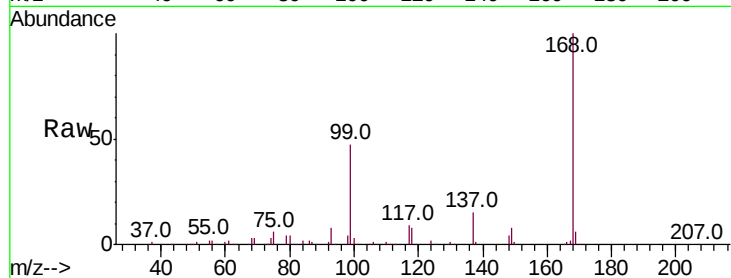




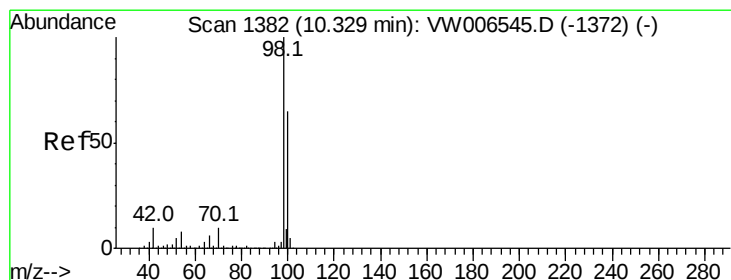
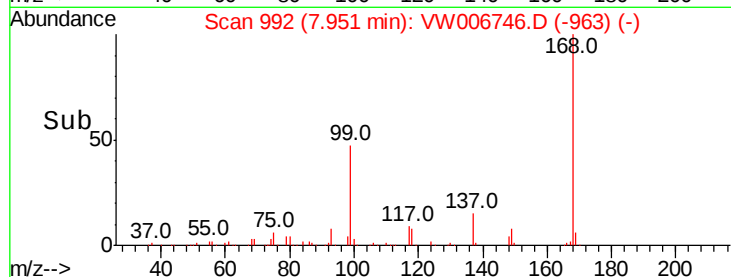
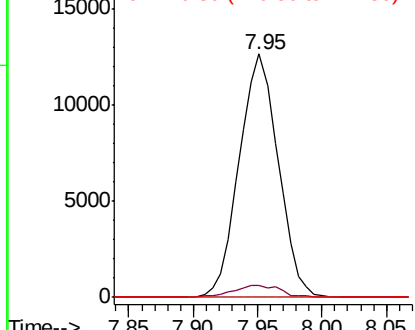
#38
Carbon Tetrachloride
Concen: 6.453 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006746.D
Acq: 07 Nov 2018 19:33

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 26501
Ion Ratio Lower Upper
117 100
119 4.9 76.3 114.5#
121 0.0 24.1 36.1#

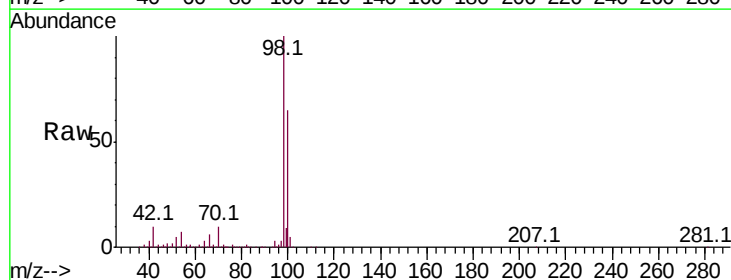


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

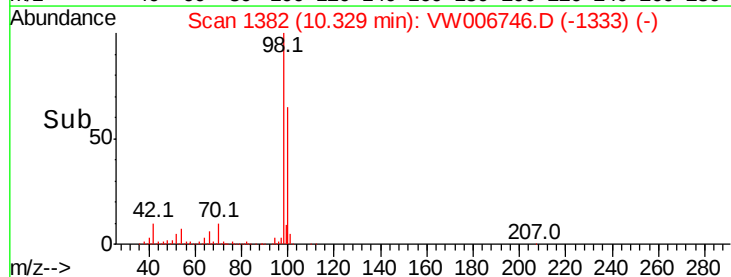
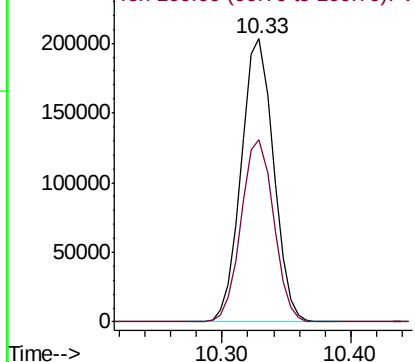


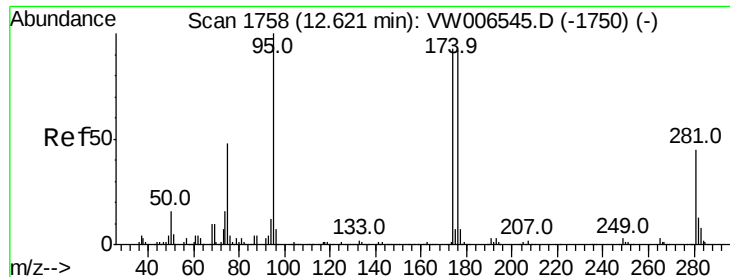
#50
Toluene-d8
Concen: 33.016 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006746.D
Acq: 07 Nov 2018 19:33

Tgt Ion: 98 Resp: 352529
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4



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

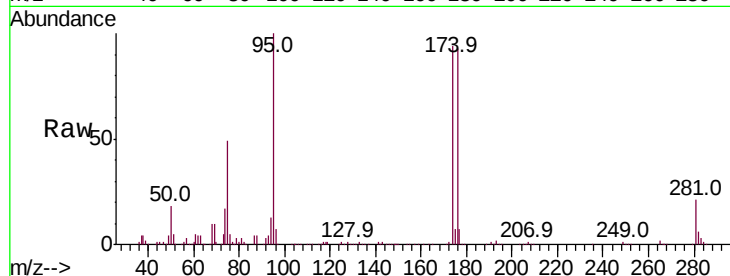




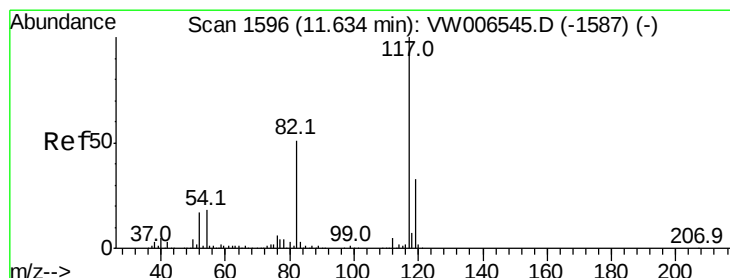
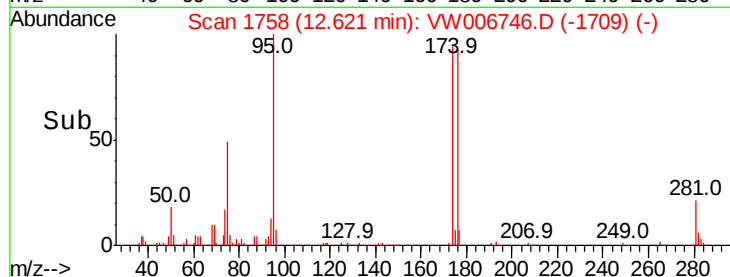
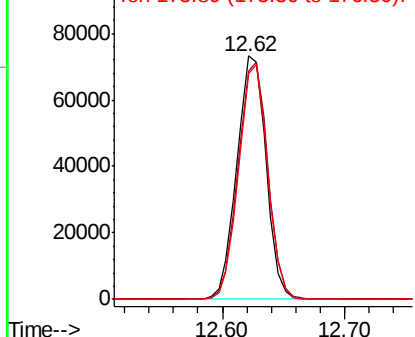
#62
4-Bromofluorobenzene
Concen: 31.208 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006746.D
Acq: 07 Nov 2018 19:33

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
95	100		
174	99.2	0.0	192.4
176	95.9	0.0	187.4

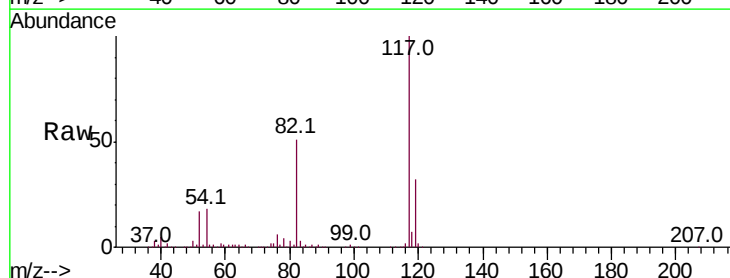


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

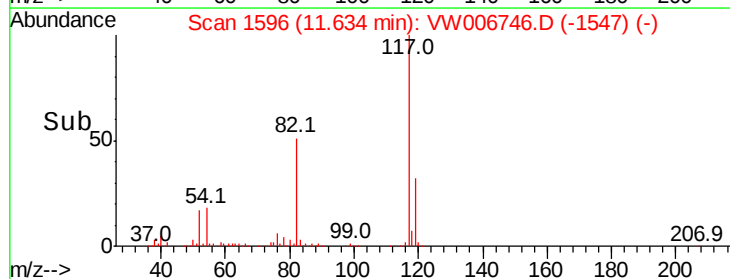
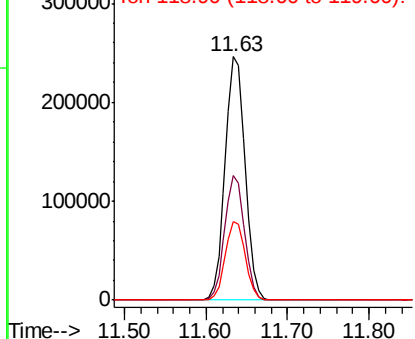


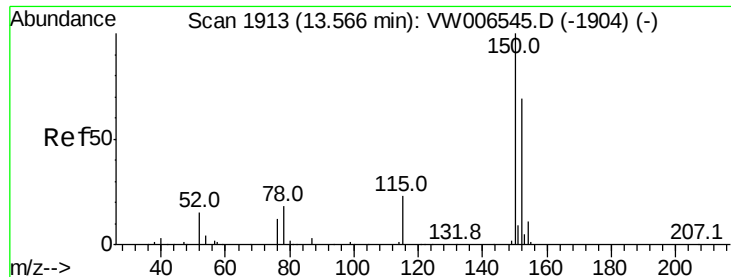
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006746.D
Acq: 07 Nov 2018 19:33

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.2	40.8	61.2
119	32.2	26.1	39.1



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006746.D

Acq: 07 Nov 2018 19:33

Instrument :

MSVOA_W

ClientSampleId :

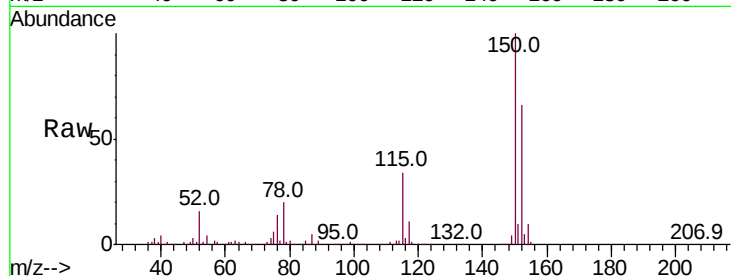
Tot Ion:152 Resp: 213826

Ion Ratio Lower Upper

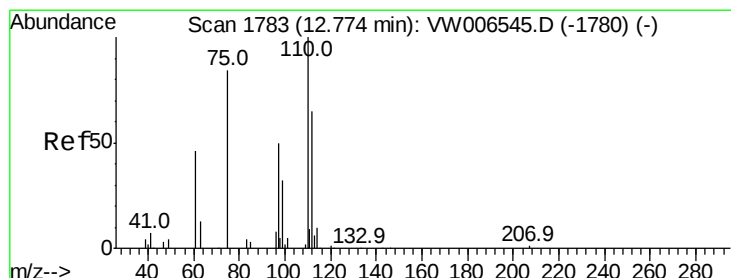
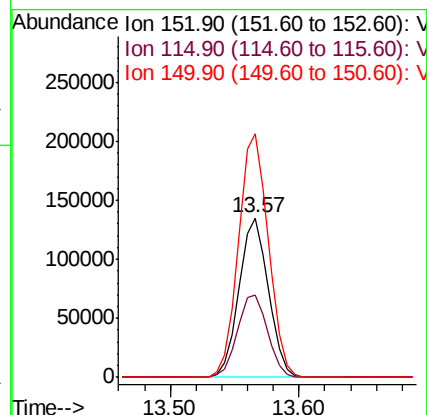
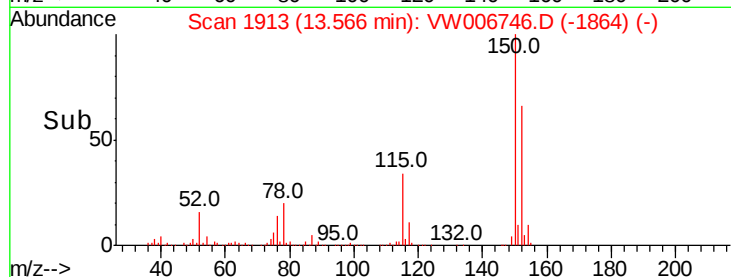
152 100

115 53.2 26.6 79.8

150 155.3 0.0 344.6



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: 35.293 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006746.D

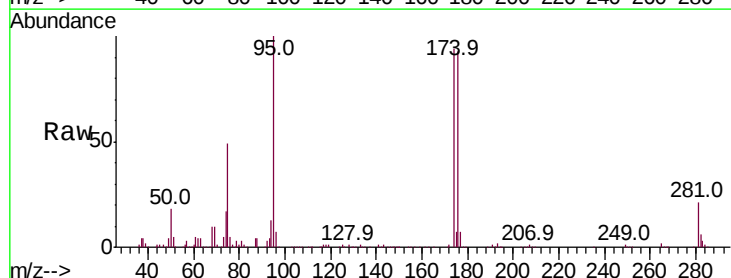
Acq: 07 Nov 2018 19:33

Tgt Ion: 75 Resp: 58880

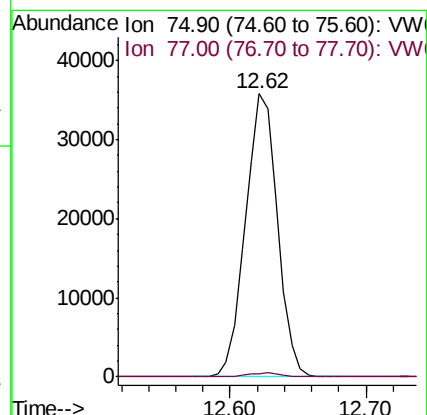
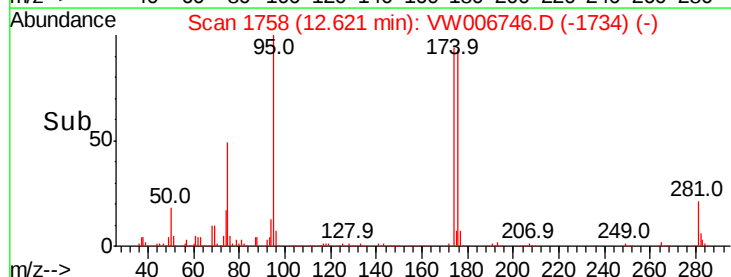
Ion Ratio Lower Upper

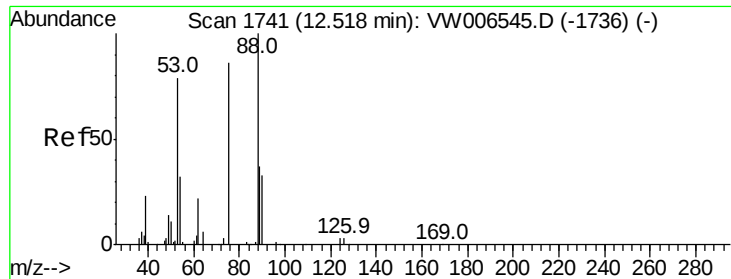
75 100

77 1.4 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: 89.195 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006746.D

Acq: 07 Nov 2018 19:33

Instrument :

MSVOA_W

ClientSampleId :

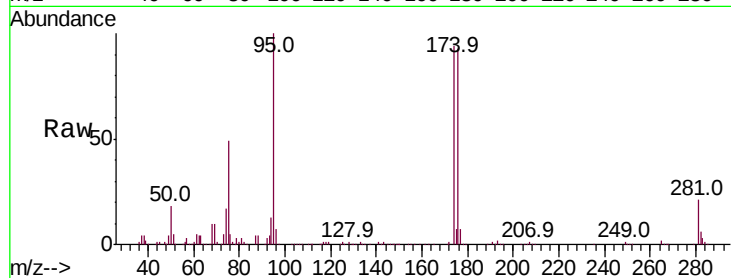
Tot Ion: 75 Resp: 58880

Ion Ratio Lower Upper

75 100

53 0.0 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

