

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006729.D
 Acq On : 07 Nov 2018 11:31
 Operator : SY/AP
 Sample : J5816-07RE
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 12:32:42 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	190960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	257742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	151049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	29440	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	73641	44.86	ug/l	0.00
Spiked Amount						
			Recovery	=	89.72%	
35) Dibromofluoromethane	7.88	113	82993	51.31	ug/l	0.00
Spiked Amount						
			Recovery	=	102.62%	
50) Toluene-d8	10.33	98	262334	42.60	ug/l	0.00
Spiked Amount						
			Recovery	=	85.20%	
62) 4-Bromofluorobenzene	12.62	95	38844	17.40	ug/l	0.00
Spiked Amount						
			Recovery	=	34.80%	

Target Compounds

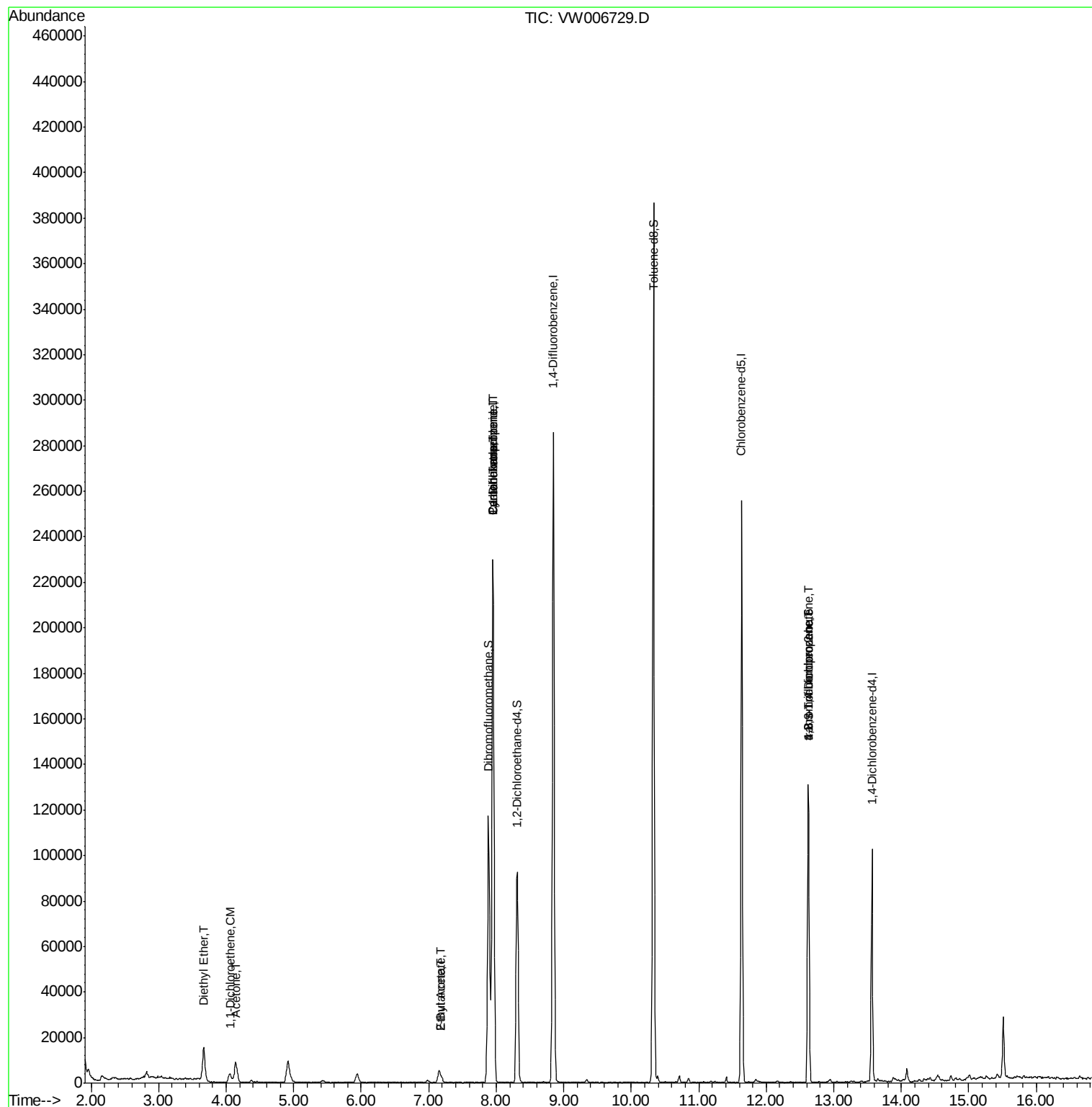
					Qvalue	
8) Diethyl Ether	3.68	74	983	1.191	ug/l #	1
12) 1,1-Dichloroethene	4.06	96	3047	1.956	ug/l #	77
16) Acetone	4.14	43	16676	62.924	ug/l	98
20) Methylene Chloride	4.92	84	7752	Below Cal		98
25) 2-Butanone	7.18	43	2666	7.050	ug/l	93
31) Cyclohexane	7.95	56	3338	1.277	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	11798	5.205	ug/l #	48
37) Ethyl Acetate	7.18	43	2666	3.394	ug/l #	66
38) Carbon Tetrachloride	7.95	117	16280	6.874	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	19550	85.111	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	19550	211.345	ug/l #	11

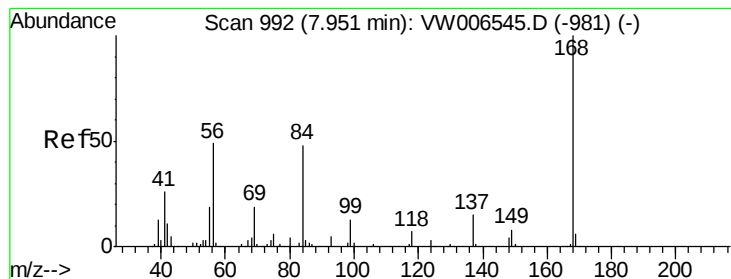
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VW006729.D
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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 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: VW006729.D

Acq: 07 Nov 2018 11:31

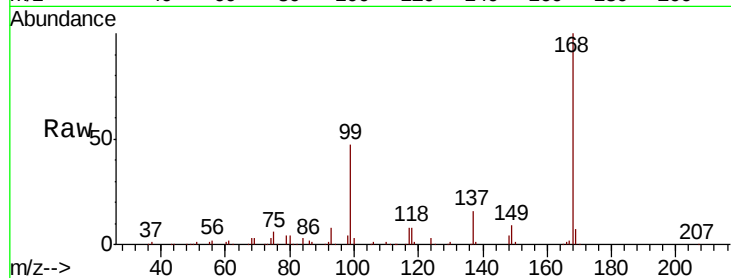
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 190960

Ion Ratio Lower Upper

168 100

99 47.1 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

80000

60000

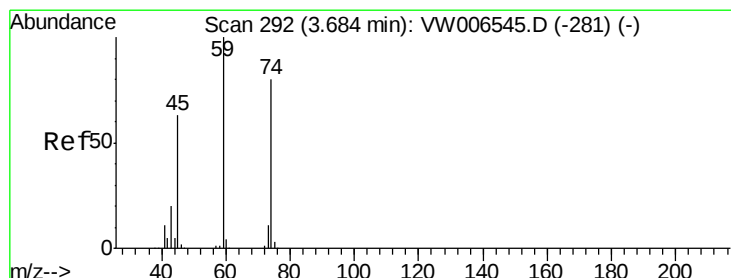
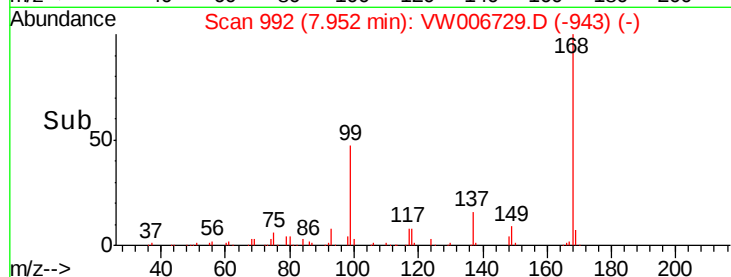
40000

20000

0

7.90 8.00

Time-->



#8

Diethyl Ether

Concen: 1.191 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006729.D

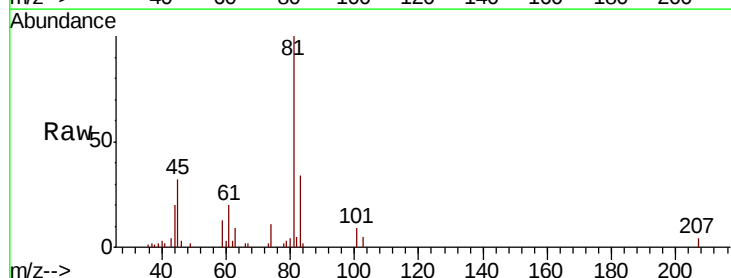
Acq: 07 Nov 2018 11:31

Tgt Ion: 74 Resp: 983

Ion Ratio Lower Upper

74 100

45 440.3 41.1 123.4#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

1500

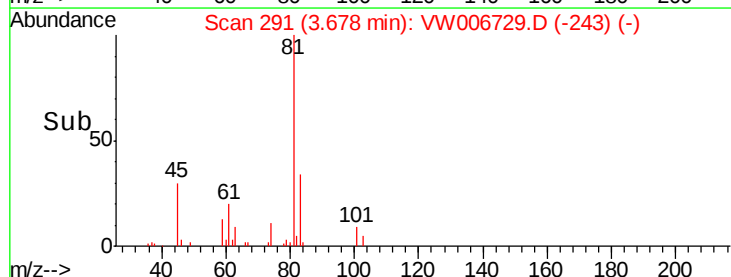
1000

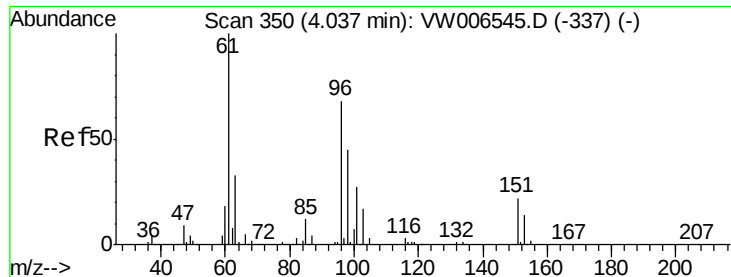
500

0

3.60 3.65 3.70 3.75

Time-->





#12

1,1-Dichloroethene

Concen: 1.956 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.02 min

Lab File: VW006729.D

Acq: 07 Nov 2018 11:31

Instrument :

MSVOA_W

ClientSampleId :

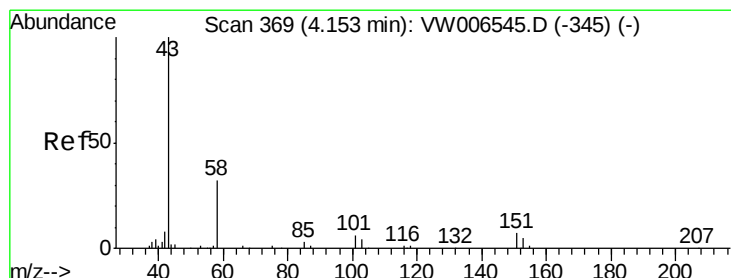
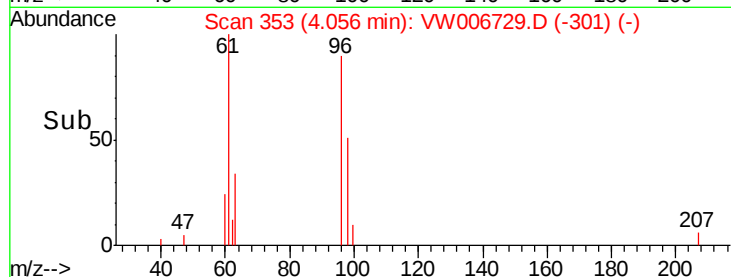
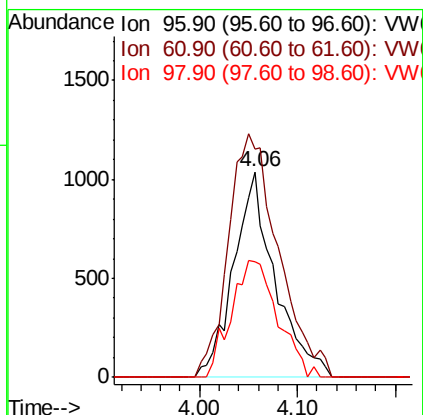
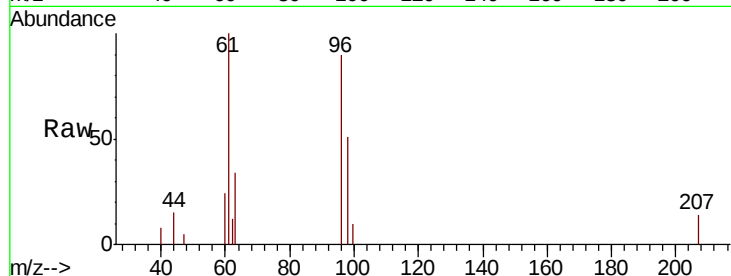
Tot Ion: 96 Resp: 3047

Ion Ratio Lower Upper

96 100

61 110.8 117.0 175.4#

98 56.4 52.5 78.7



#16

Acetone

Concen: 62.924 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006729.D

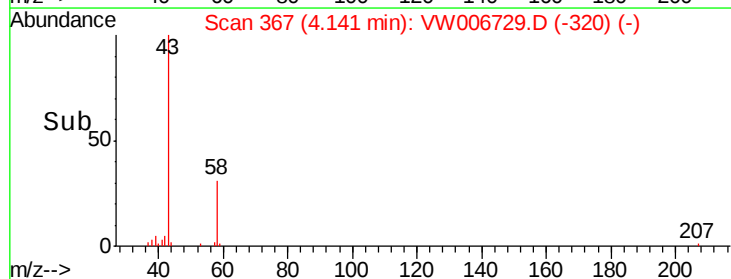
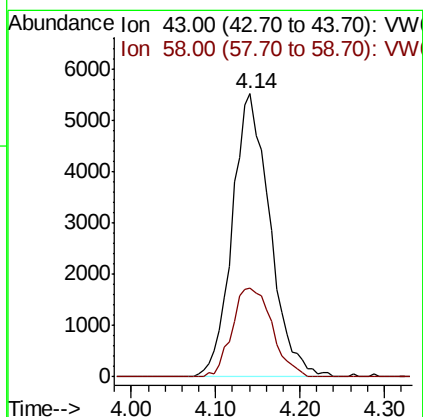
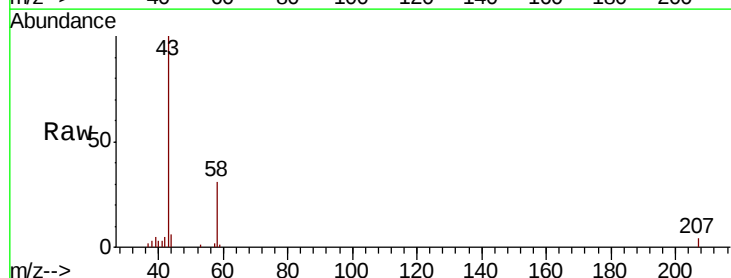
Acq: 07 Nov 2018 11:31

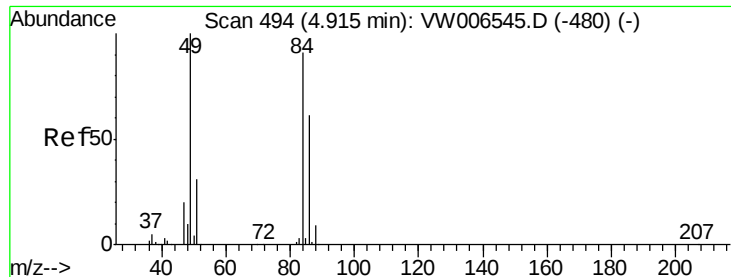
Tgt Ion: 43 Resp: 16676

Ion Ratio Lower Upper

43 100

58 31.4 25.8 38.8

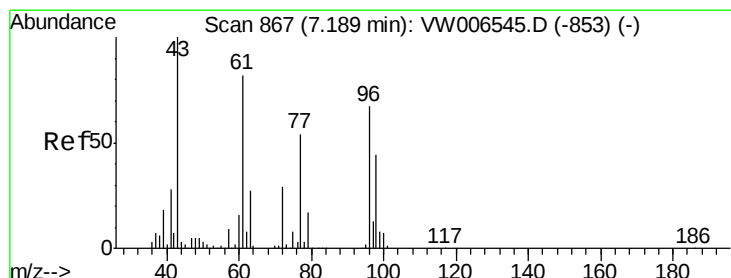
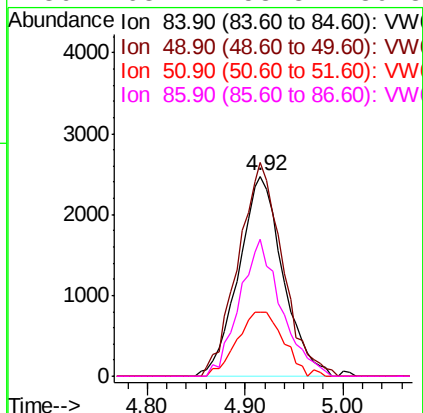
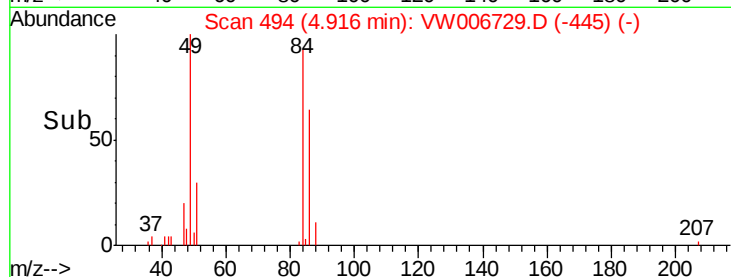
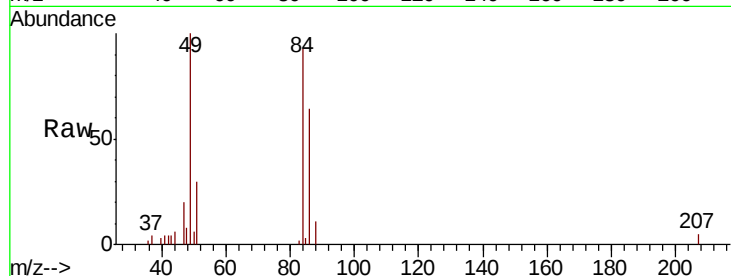




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006729.D
Acq: 07 Nov 2018 11:31

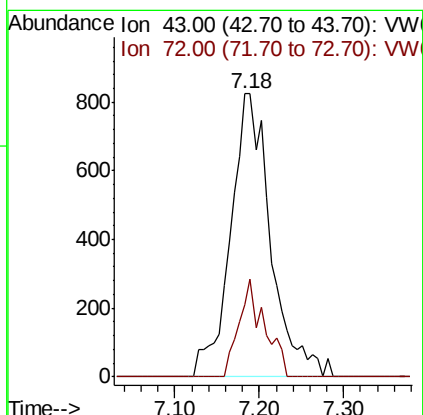
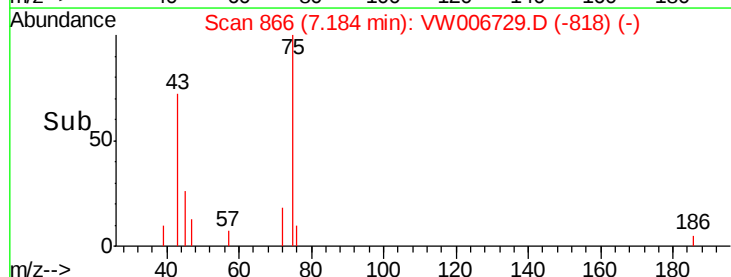
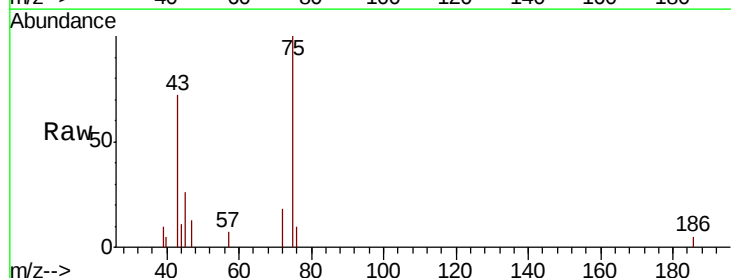
Instrument :
MSVOA_W
ClientSampleId :

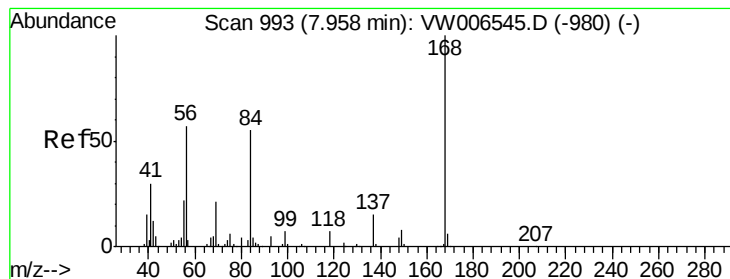
Tot Ion: 84 Resp: 7752
Ion Ratio Lower Upper
84 100
49 107.0 88.2 132.4
51 32.3 27.0 40.6
86 68.4 53.8 80.8



#25
2-Butanone
Concen: 7.050 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: VW006729.D
Acq: 07 Nov 2018 11:31

Tgt Ion: 43 Resp: 2666
Ion Ratio Lower Upper
43 100
72 25.5 23.2 34.8





#31

Cyclohexane

Concen: 1.277 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006729.D

Acq: 07 Nov 2018 11:31

Instrument :

MSVOA_W

ClientSampleId :

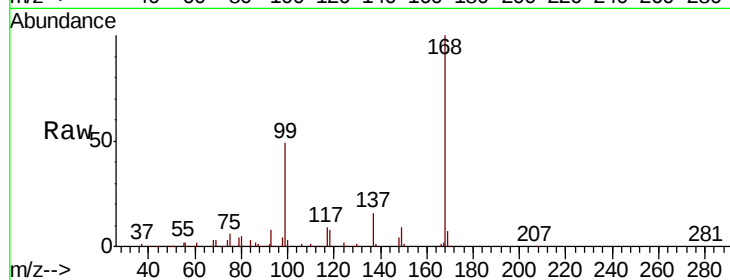
Tot Ion: 56 Resp: 3338

Ion Ratio Lower Upper

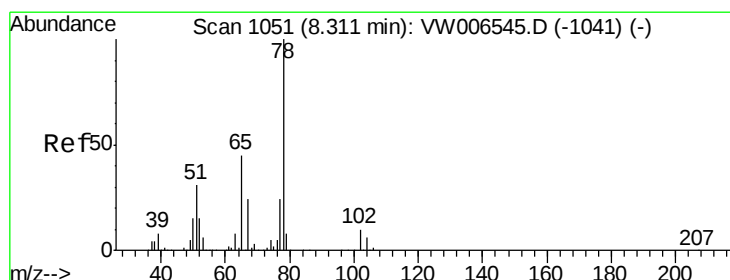
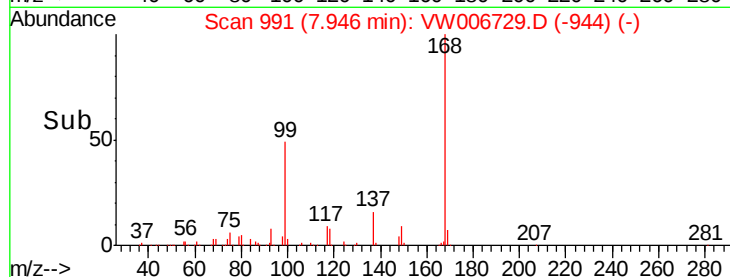
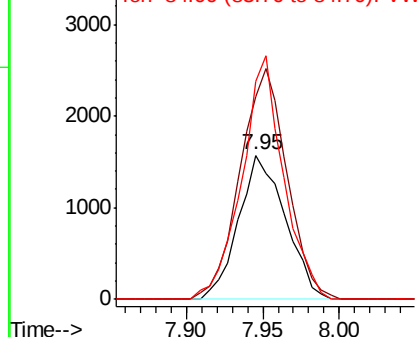
56 100

69 140.8 29.0 43.4#

84 151.2 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: 44.863 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006729.D

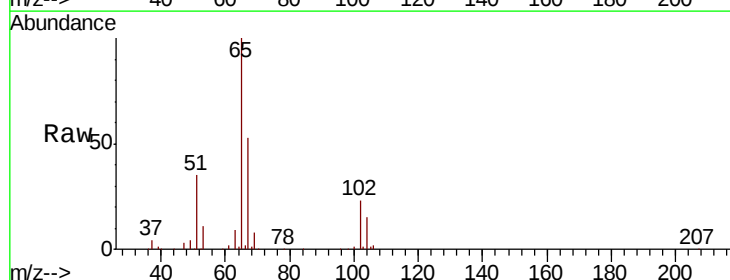
Acq: 07 Nov 2018 11:31

Tgt Ion: 65 Resp: 73641

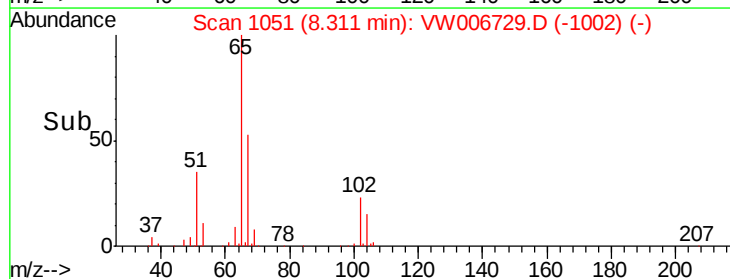
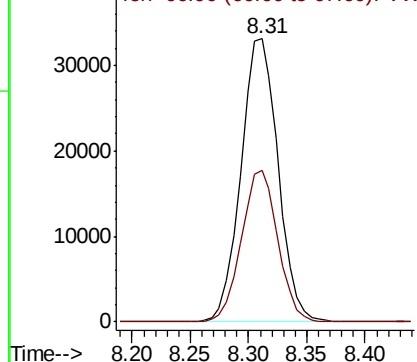
Ion Ratio Lower Upper

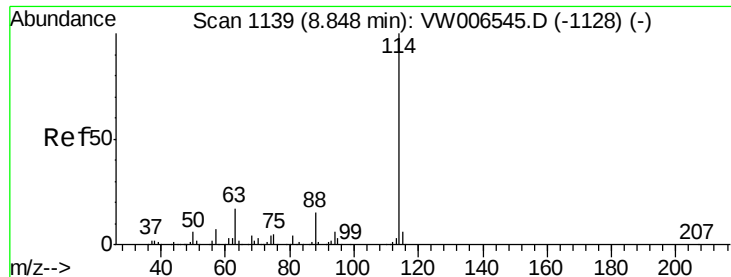
65 100

67 52.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

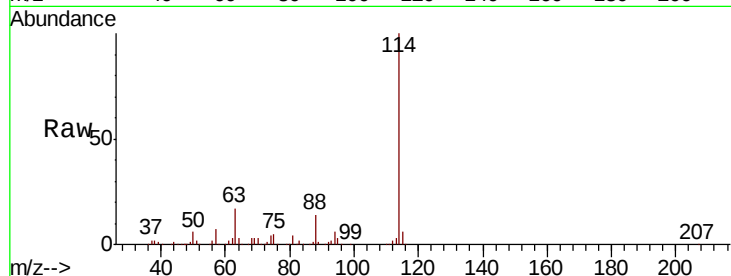




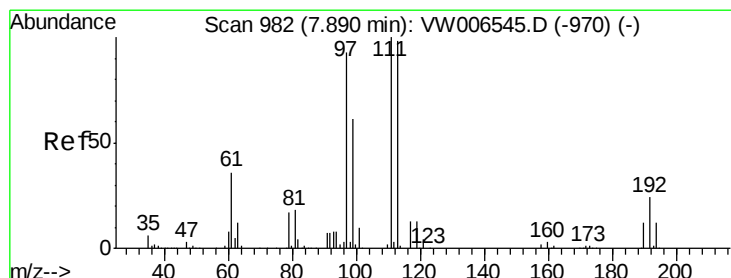
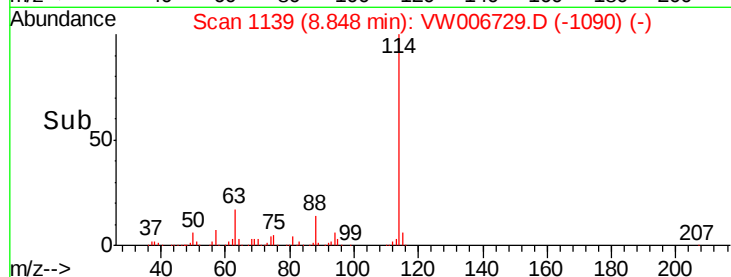
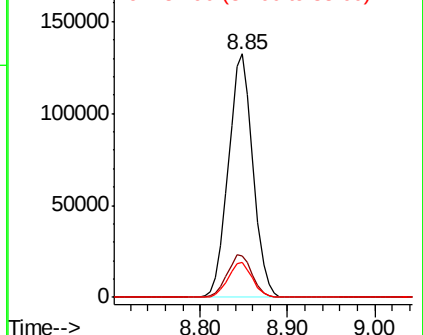
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006729.D
 Acq: 07 Nov 2018 11:31

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	34.4
88	14.4	0.0	29.0

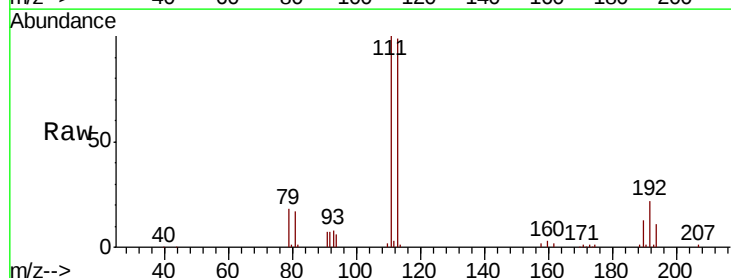


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

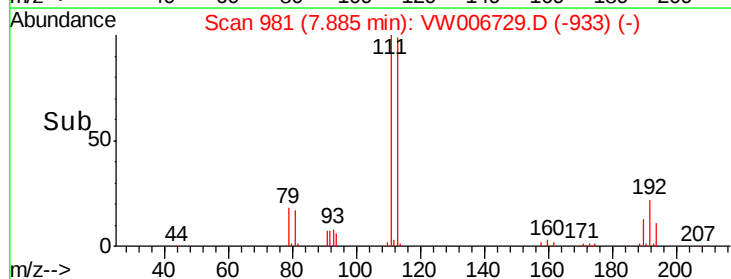
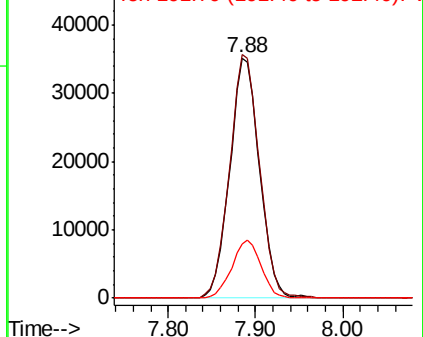


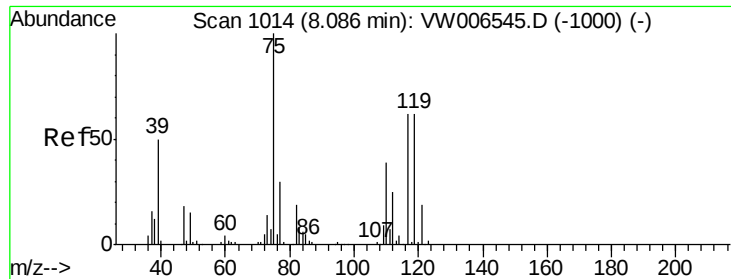
#35
 Dibromofluoromethane
 Concen: 51.308 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006729.D
 Acq: 07 Nov 2018 11:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.2
192	23.7	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

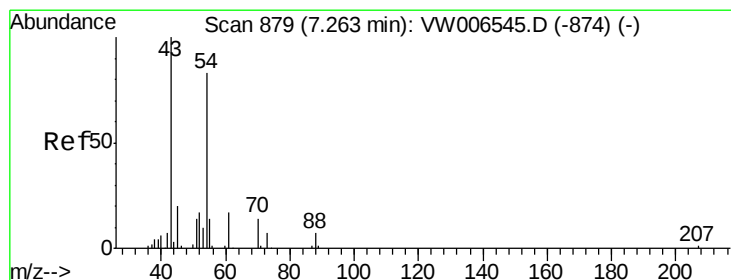
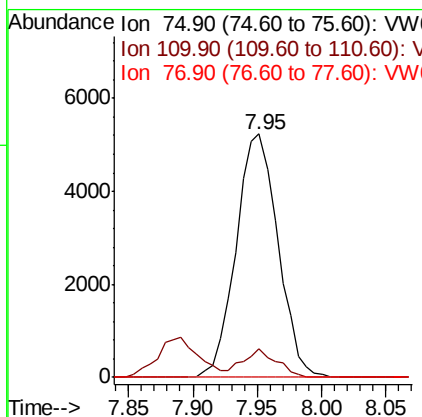
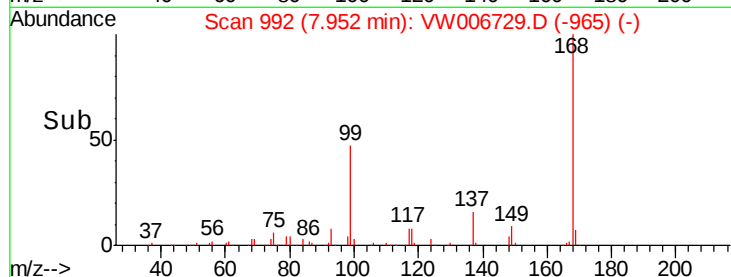
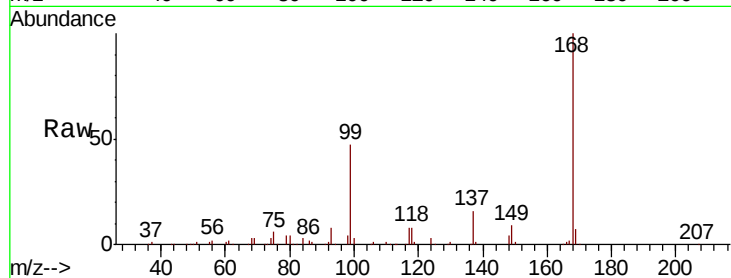




#36
 1,1-Dichloropropene
 Concen: 5.205 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006729.D
 Acq: 07 Nov 2018 11:31

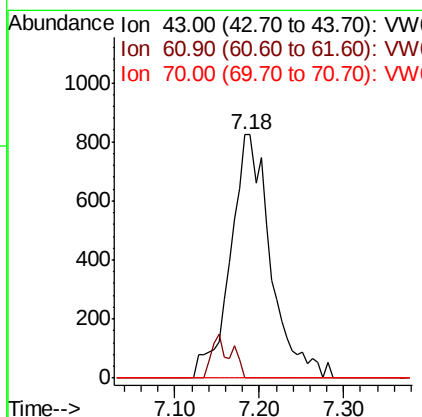
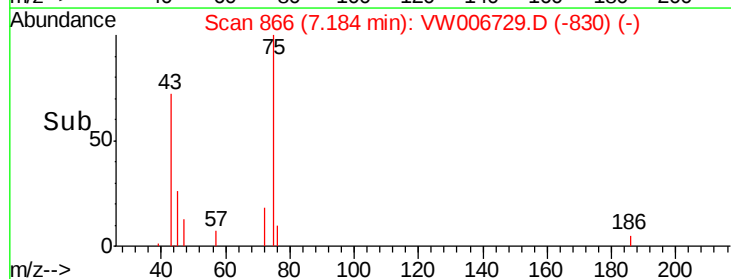
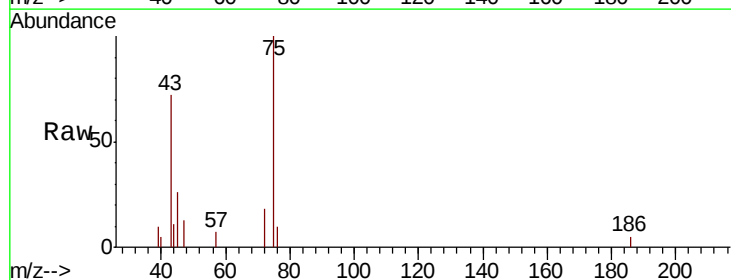
Instrument :
 MSVOA_W
 ClientSampleId :

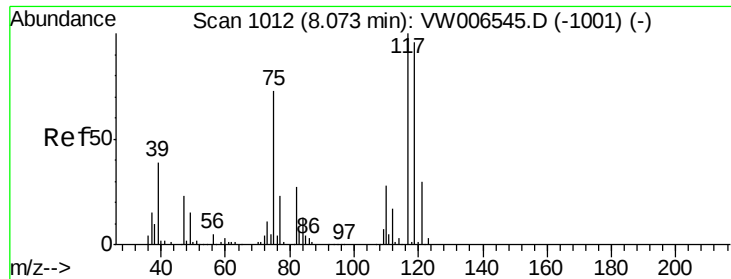
Tot Ion: 75 Resp: 11798
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.5 58.5#
 77 0.0 24.6 37.0#



#37
 Ethyl Acetate
 Concen: 3.394 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. -0.08 min
 Lab File: VW006729.D
 Acq: 07 Nov 2018 11:31

Tgt Ion: 43 Resp: 2666
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.1 18.1#
 70 0.0 9.8 14.6#

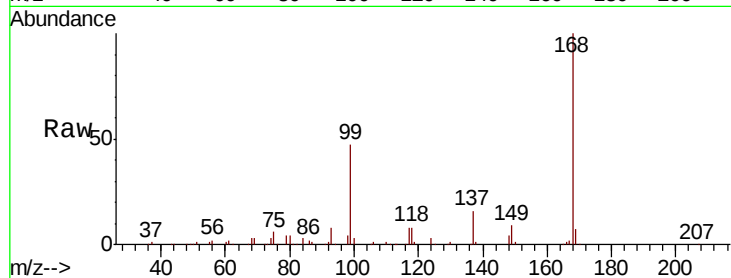




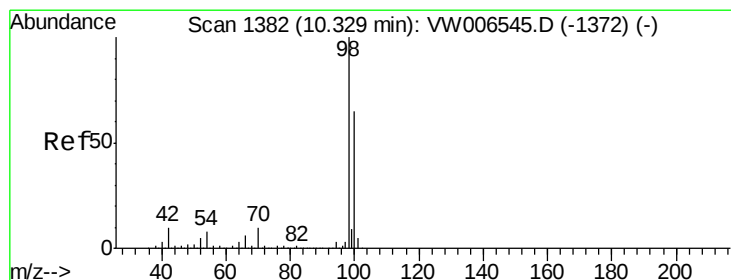
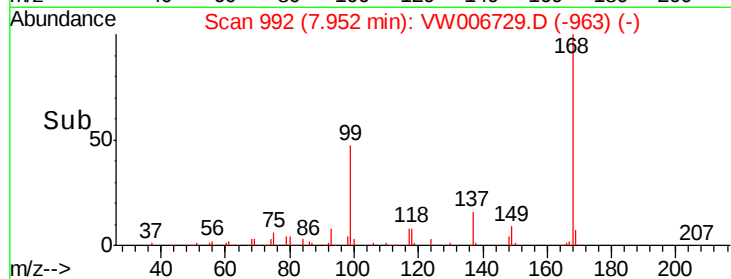
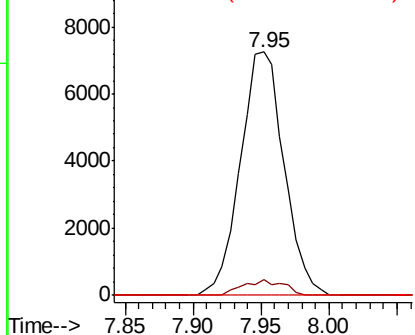
#38
Carbon Tetrachloride
Concen: 6.874 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006729.D
Acq: 07 Nov 2018 11:31

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 16280
Ion Ratio Lower Upper
117 100
119 6.2 76.3 114.5#
121 0.0 24.1 36.1#

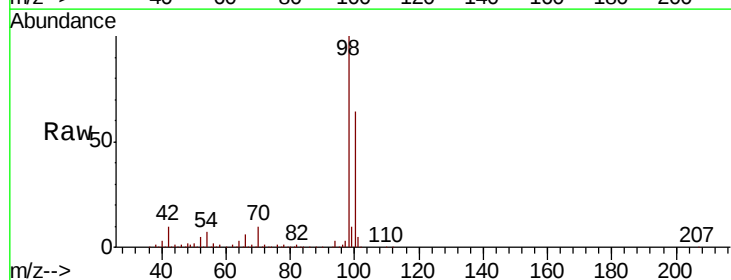


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

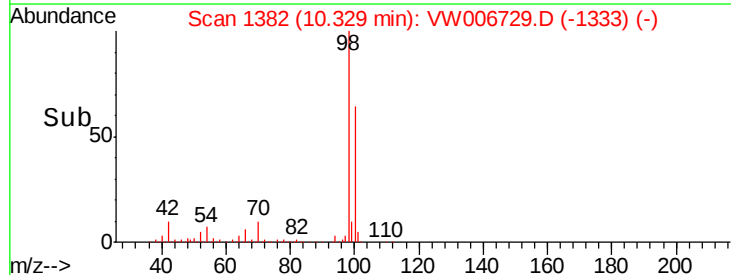
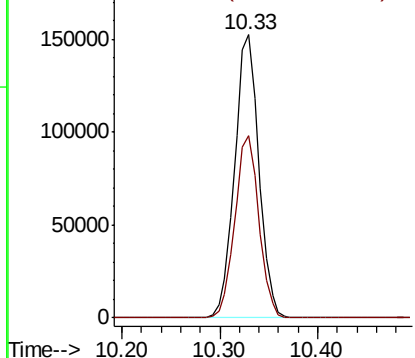


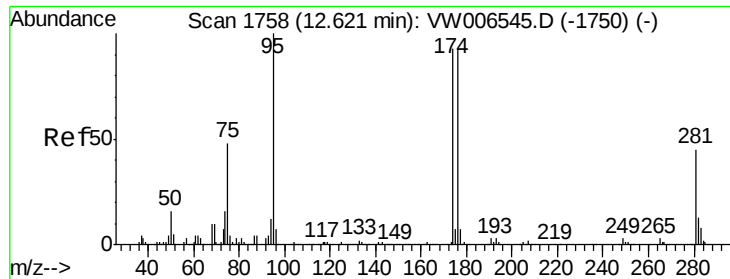
#50
Toluene-d8
Concen: 42.603 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006729.D
Acq: 07 Nov 2018 11:31

Tgt Ion: 98 Resp: 262334
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



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

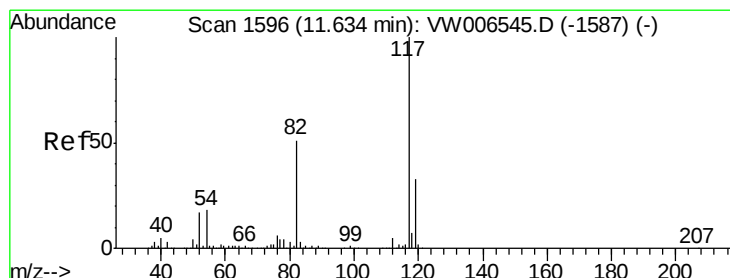
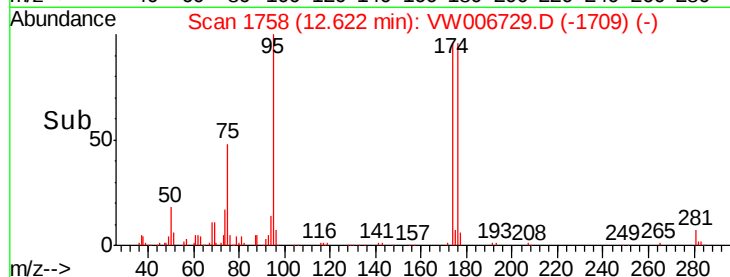
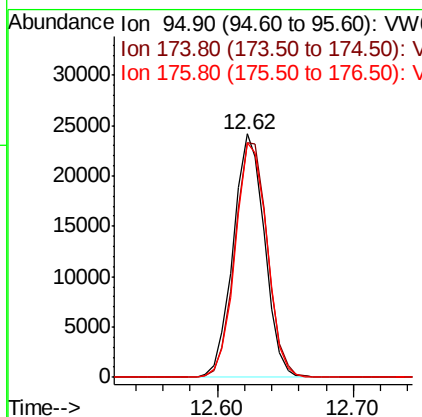
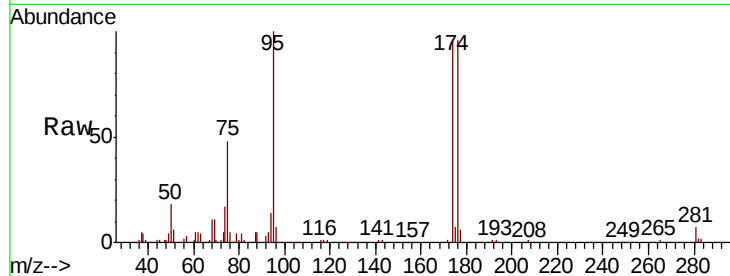




#62
4-Bromofluorobenzene
Concen: 17.400 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006729.D
Acq: 07 Nov 2018 11:31

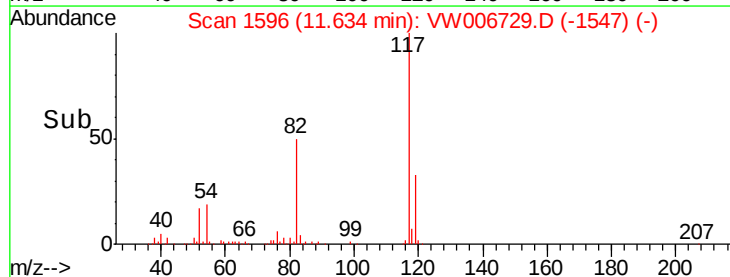
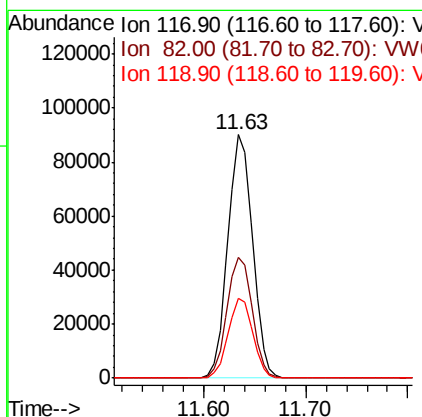
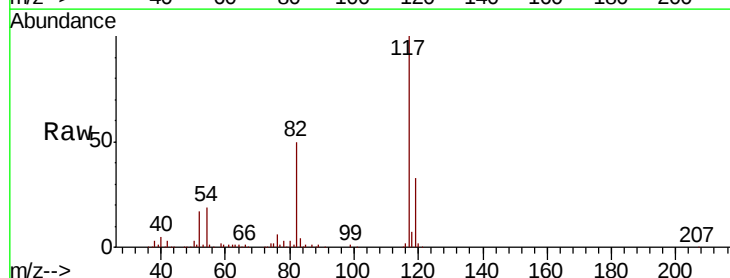
Instrument :
MSVOA_W
ClientSampleId :

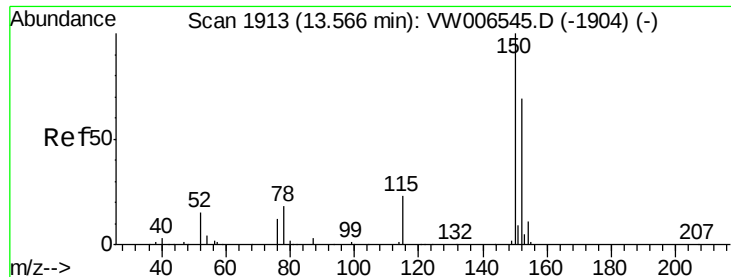
Tot Ion: 95 Resp: 38844
Ion Ratio Lower Upper
95 100
174 100.0 0.0 192.4
176 97.6 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006729.D
Acq: 07 Nov 2018 11:31

Tgt Ion: 117 Resp: 151049
Ion Ratio Lower Upper
117 100
82 49.8 40.8 61.2
119 32.9 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: VW006729.D

Acq: 07 Nov 2018 11:31

Instrument :

MSVOA_W

ClientSampleId :

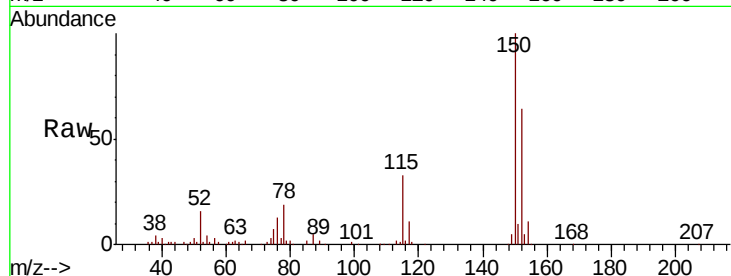
Tot Ion:152 Resp: 29440

Ion Ratio Lower Upper

152 100

115 52.2 26.6 79.8

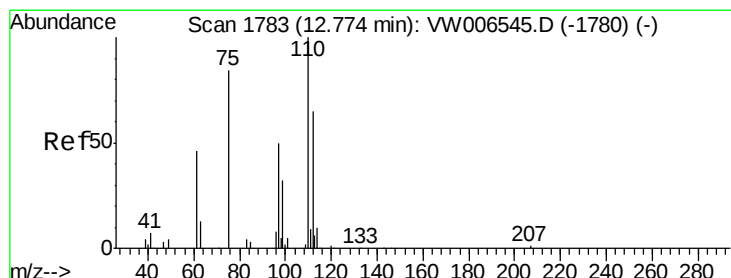
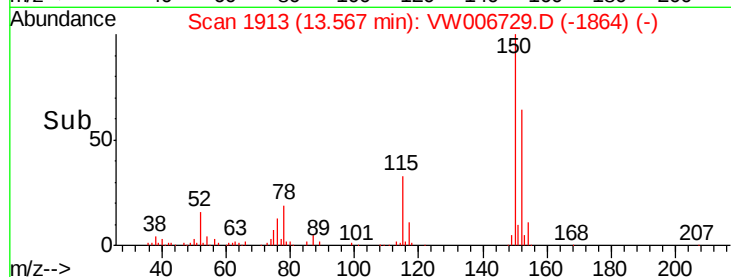
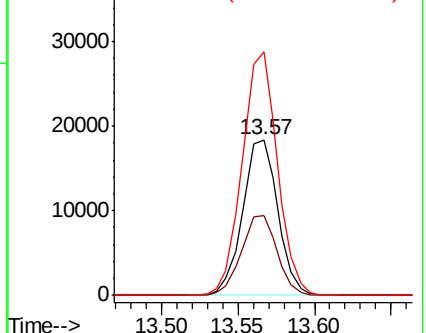
150 156.5 0.0 344.6



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: 85.111 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006729.D

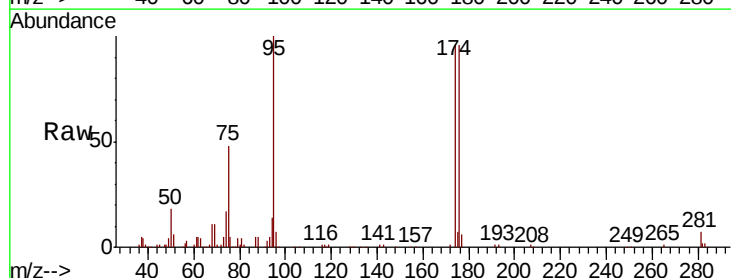
Acq: 07 Nov 2018 11:31

Tgt Ion: 75 Resp: 19550

Ion Ratio Lower Upper

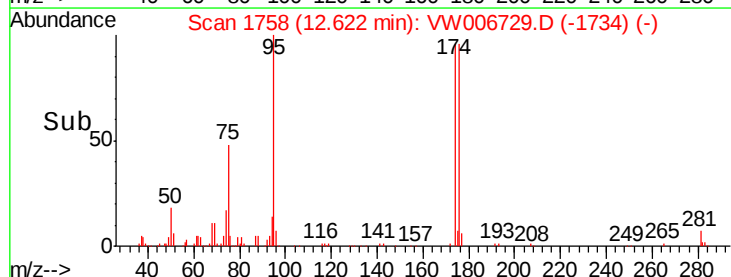
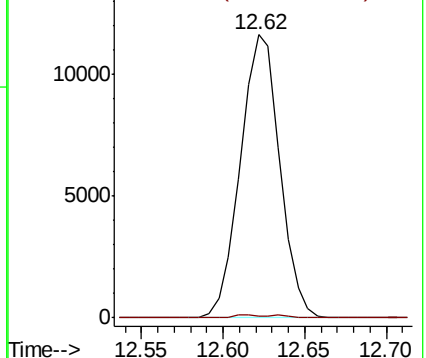
75 100

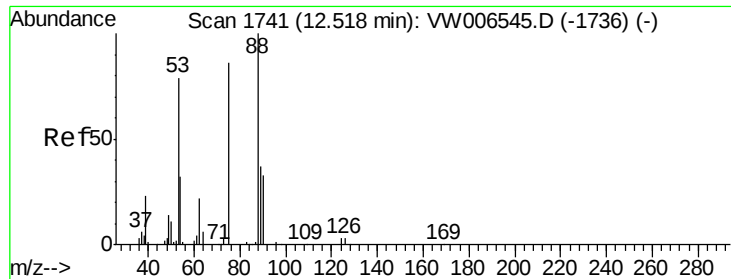
77 1.2 0.0 0.0#



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: 211.345 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006729.D

Acq: 07 Nov 2018 11:31

Instrument :

MSVOA_W

ClientSampleId :

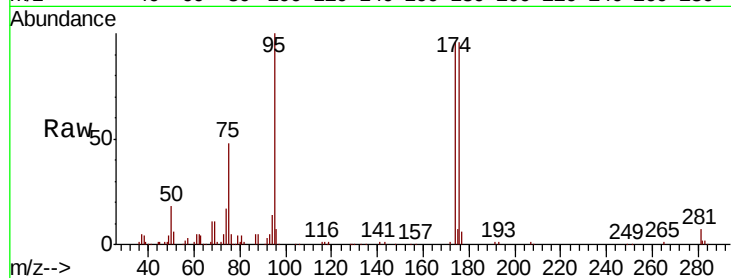
Tot Ion: 75 Resp: 19550

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.2 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

