

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091218\
 Data File : VW005335.D
 Acq On : 12 Sep 2018 19:22
 Operator : SY/AP
 Sample : J4866-01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-545-180911

Quant Time: Sep 13 01:01:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	360281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	552260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	534355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	249168	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	143436	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
35) Dibromofluoromethane	7.89	113	129468	44.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.50%	
50) Toluene-d8	10.33	98	563057	38.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.04%	
62) 4-Bromofluorobenzene	12.63	95	188496	35.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.50%	

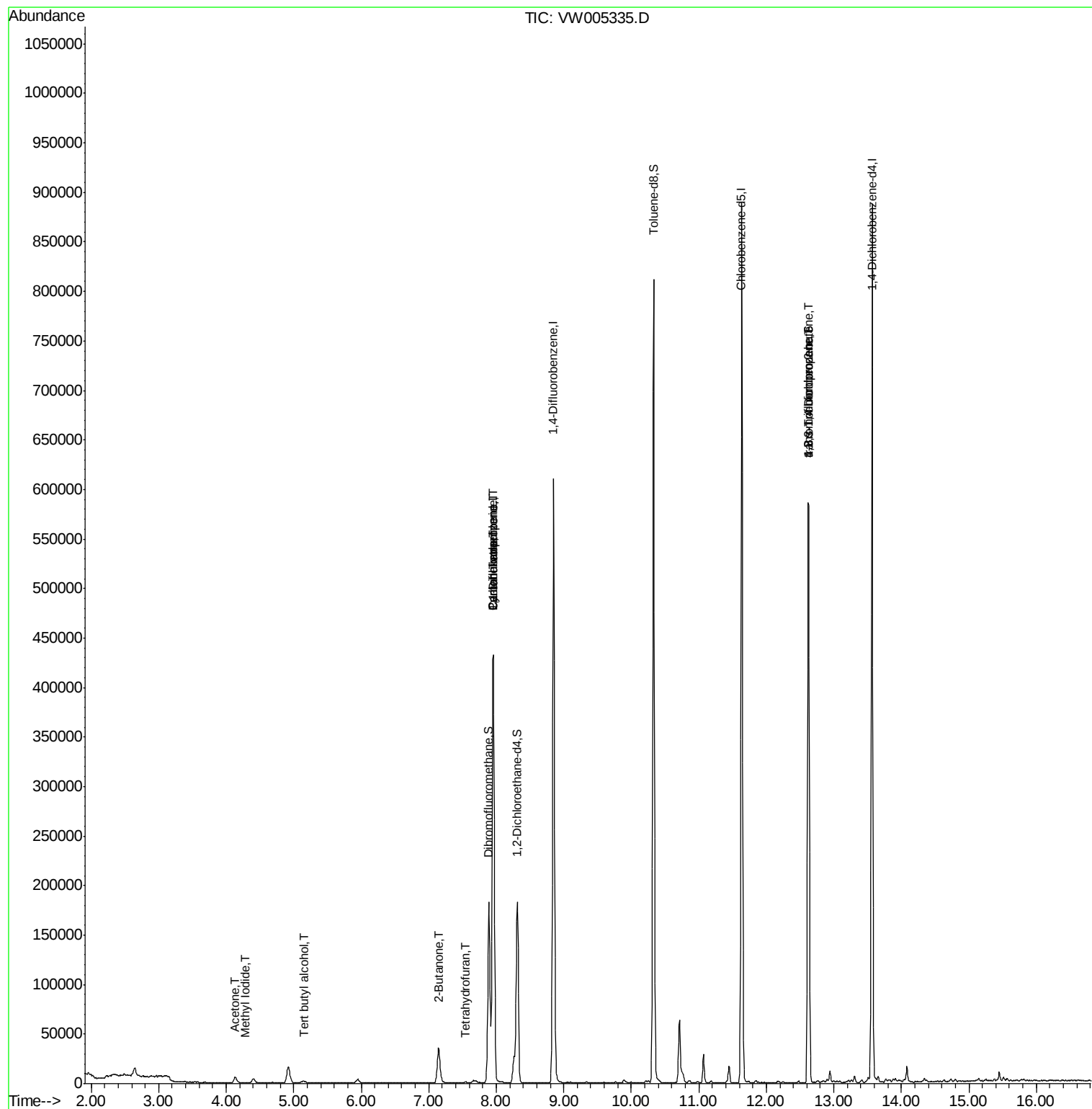
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.76	94	505	Below Cal		92
10) Methyl Iodide	4.28	142	319	3.404	ug/l #	45
11) Tert butyl alcohol	5.15	59	2631	11.939	ug/l #	73
16) Acetone	4.13	43	10841	21.735	ug/l	91
25) 2-Butanone	7.15	43	1515	1.926	ug/l #	43
29) Tetrahydrofuran	7.54	42	772	1.456	ug/l #	81
31) Cyclohexane	7.95	56	6527	1.135	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	23605	4.665	ug/l #	48
38) Carbon Tetrachloride	7.96	117	32038	6.760	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	87501	45.657	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	87501	107.076	ug/l #	16

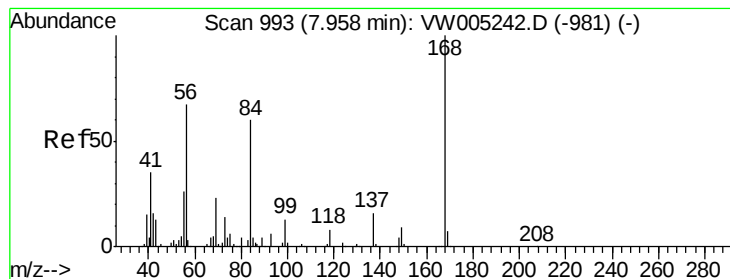
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091218\
Data File : VW005335.D
Acq On : 12 Sep 2018 19:22
Operator : SY/AP
Sample : J4866-01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SP-545-180911

Quant Time: Sep 13 01:01:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005335.D

Acq: 12 Sep 2018 19:22

Instrument :

MSVOA_W

ClientSampleId :

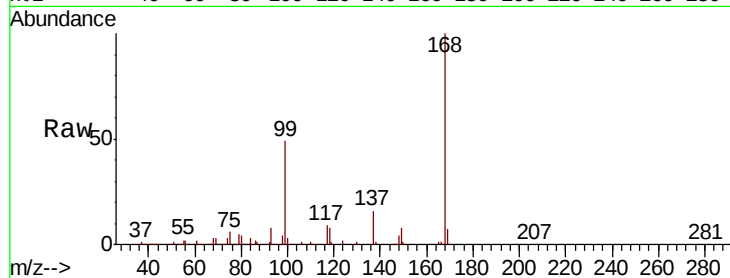
SP-545-180911

Tgt Ion:168 Resp: 360281

Ion Ratio Lower Upper

168 100

99 48.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

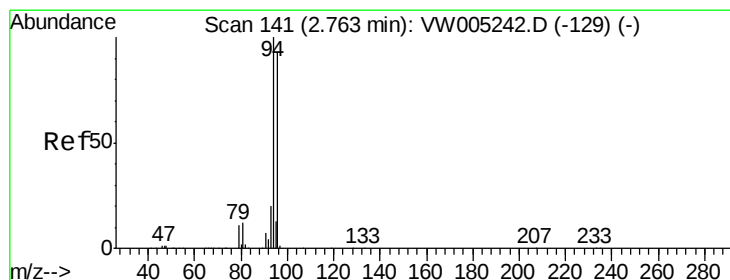
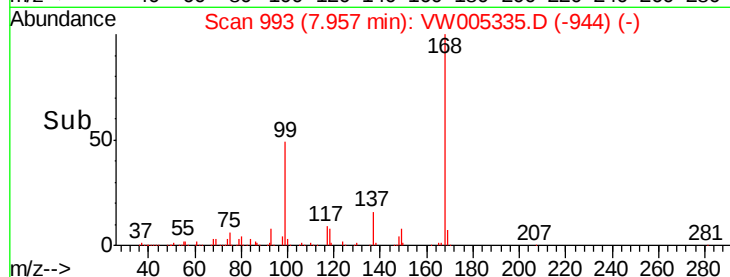
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW005335.D

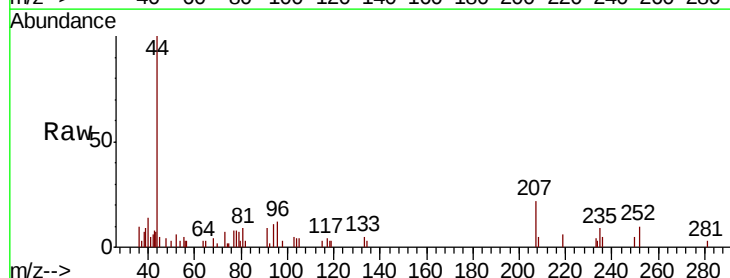
Acq: 12 Sep 2018 19:22

Tgt Ion: 94 Resp: 505

Ion Ratio Lower Upper

94 100

96 84.6 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

400

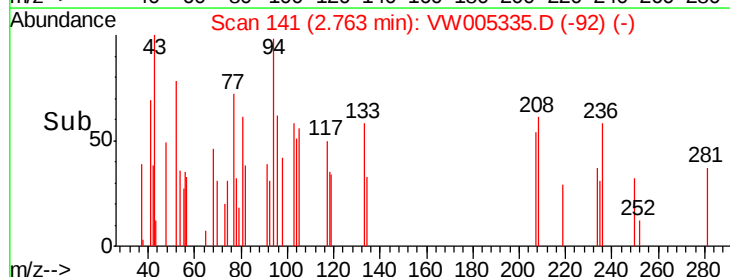
300

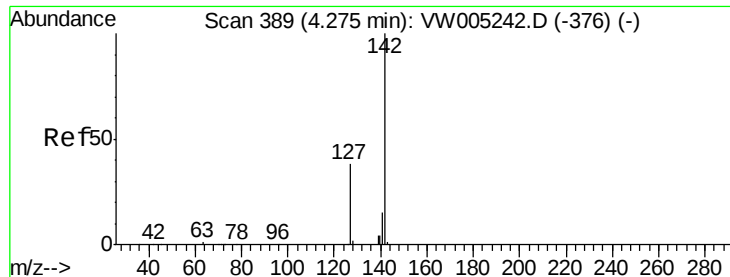
200

100

0

Time-->

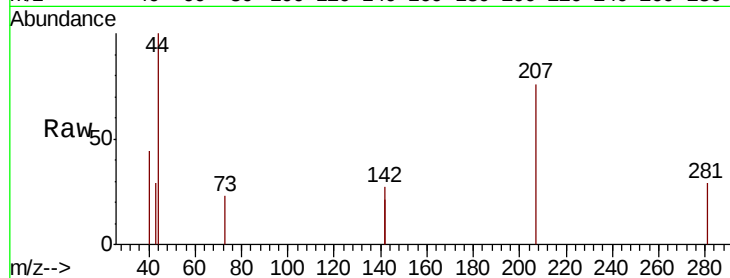




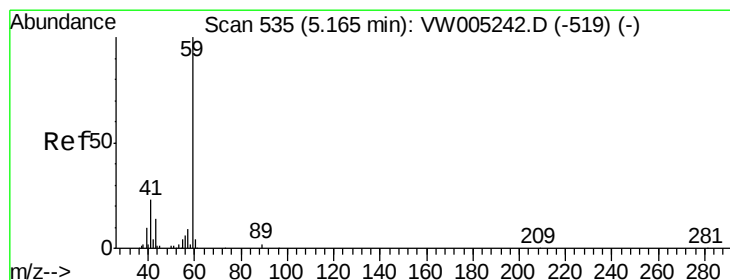
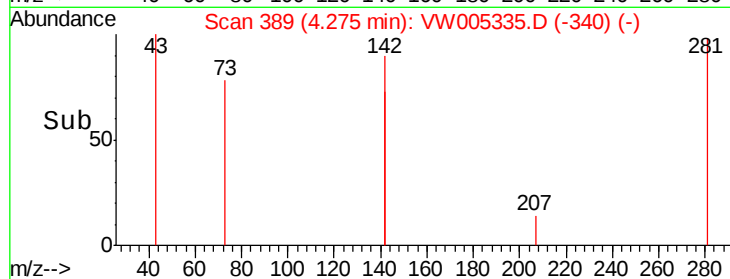
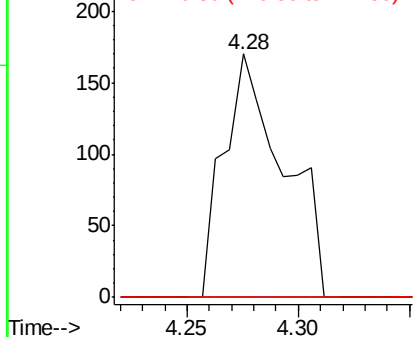
#10
Methyl Iodide
Concen: 3.404 ug/l
RT: 4.28 min Scan# 389
Delta R.T. 0.00 min
Lab File: VW005335.D
Acq: 12 Sep 2018 19:22

Instrument :
MSVOA_W
ClientSampleId :
SP-545-180911

Tgt Ion: 142 Resp: 319
Ion Ratio Lower Upper
142 100
127 0.0 30.3 45.5#
141 0.0 11.4 17.0#

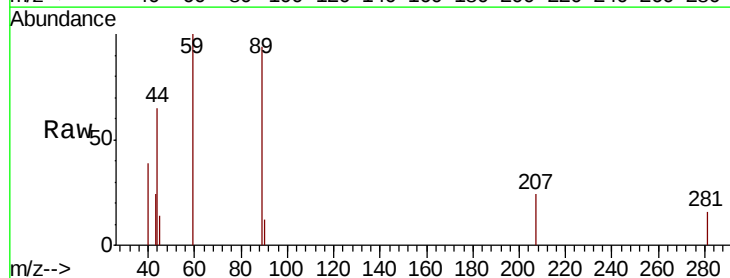


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

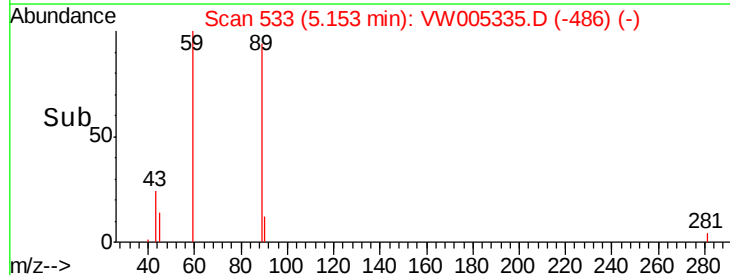
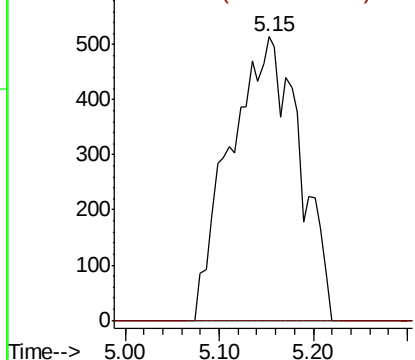


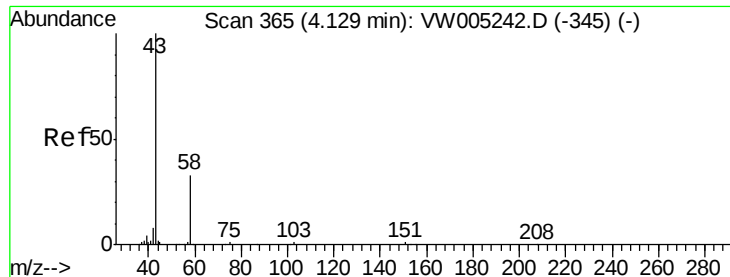
#11
Tert butyl alcohol
Concen: 11.939 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.01 min
Lab File: VW005335.D
Acq: 12 Sep 2018 19:22

Tgt Ion: 59 Resp: 2631
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VW
Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 21.735 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW005335.D

Acq: 12 Sep 2018 19:22

Instrument :

MSVOA_W

ClientSampleId :

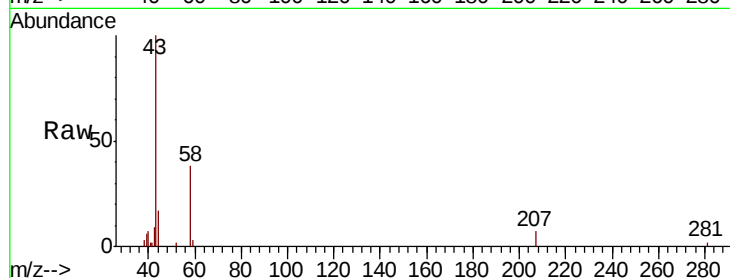
SP-545-180911

Tgt Ion: 43 Resp: 10841

Ion Ratio Lower Upper

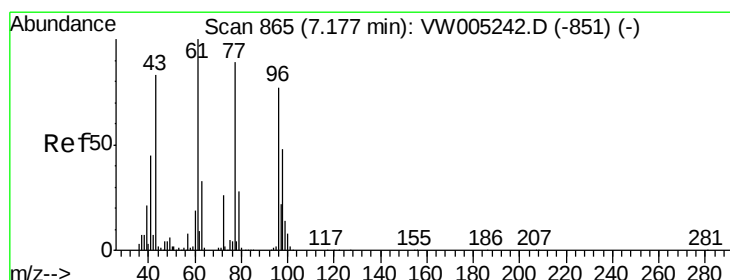
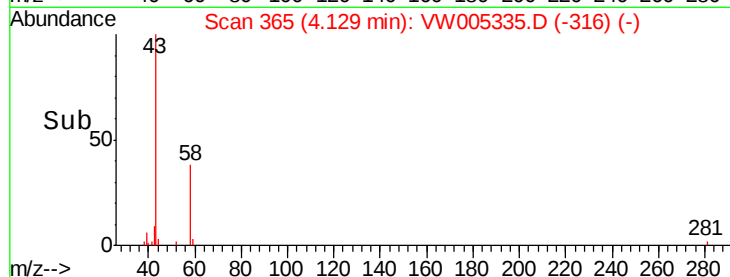
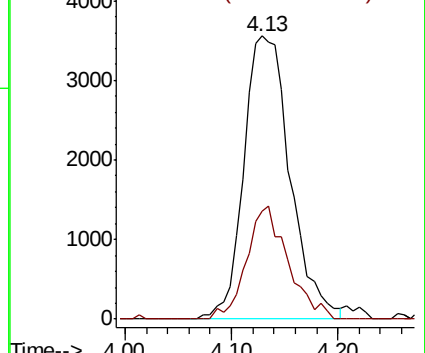
43 100

58 38.4 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#25

2-Butanone

Concen: 1.926 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW005335.D

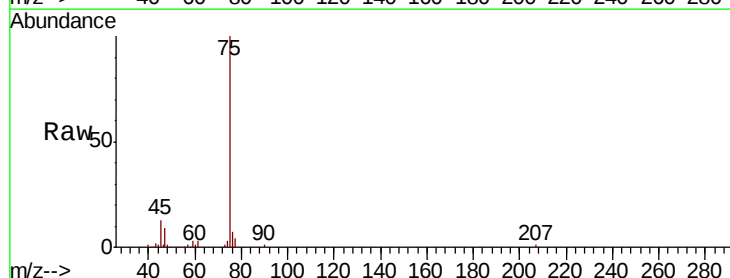
Acq: 12 Sep 2018 19:22

Tgt Ion: 43 Resp: 1515

Ion Ratio Lower Upper

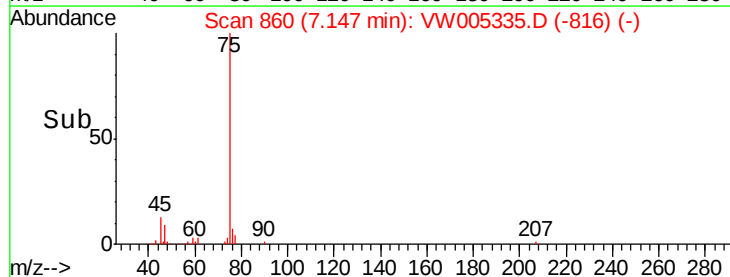
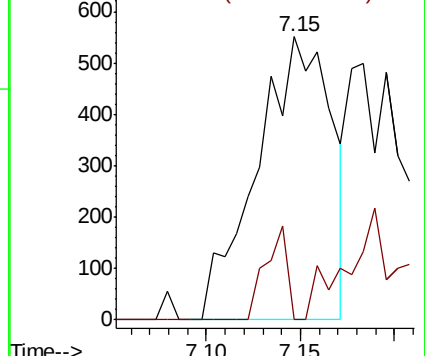
43 100

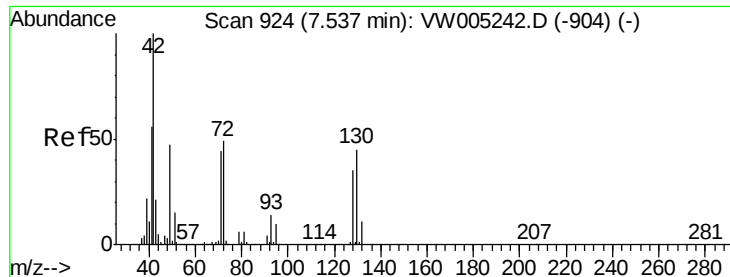
72 0.0 25.0 37.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

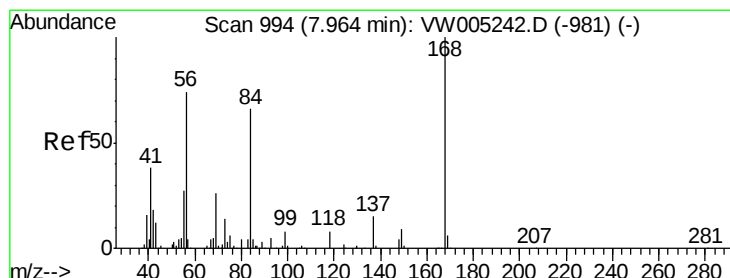
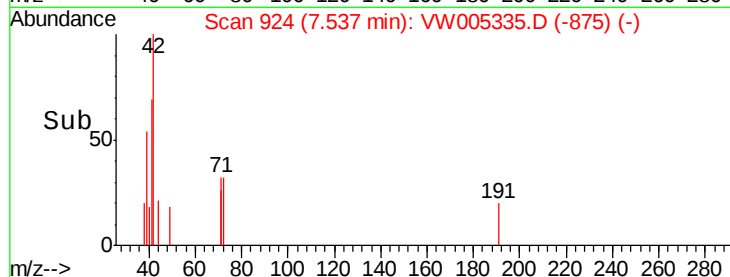
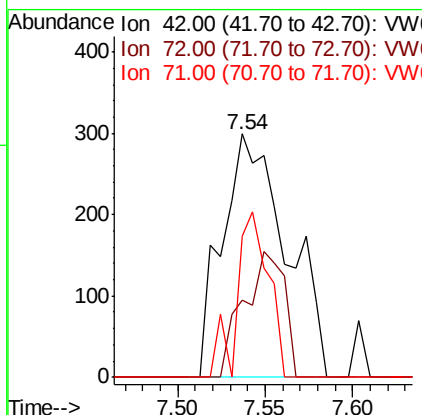
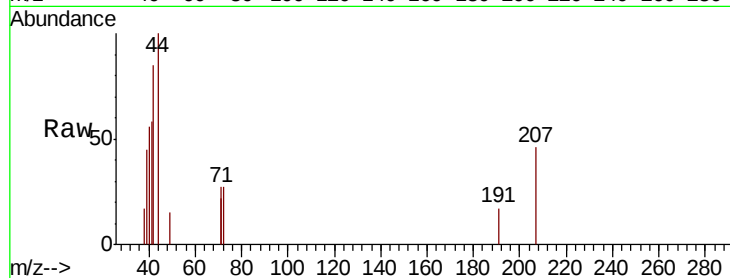




#29
Tetrahydrofuran
Concen: 1.456 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005335.D
Acq: 12 Sep 2018 19:22

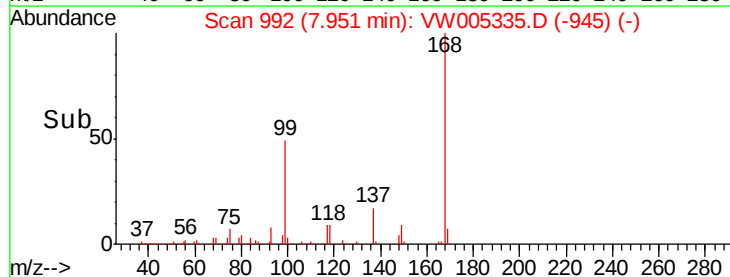
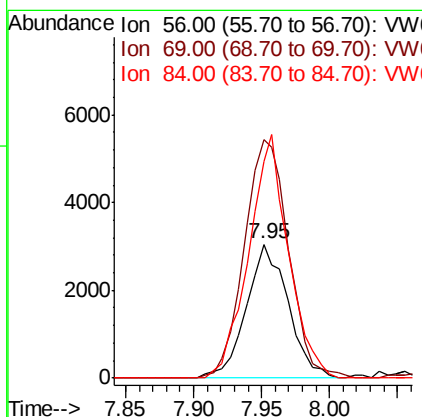
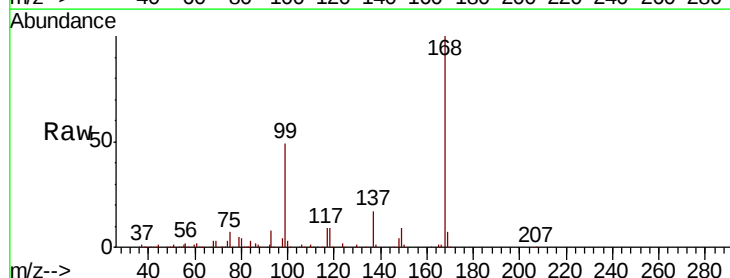
Instrument :
MSVOA_W
ClientSampleId :
SP-545-180911

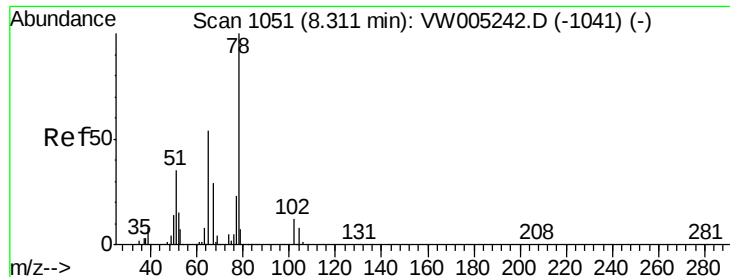
Tgt Ion: 42 Resp: 772
Ion Ratio Lower Upper
42 100
72 32.3 37.5 56.3#
71 33.4 34.8 52.2#



#31
Cyclohexane
Concen: 1.135 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005335.D
Acq: 12 Sep 2018 19:22

Tgt Ion: 56 Resp: 6527
Ion Ratio Lower Upper
56 100
69 178.6 27.8 41.8#
84 162.4 72.1 108.1#

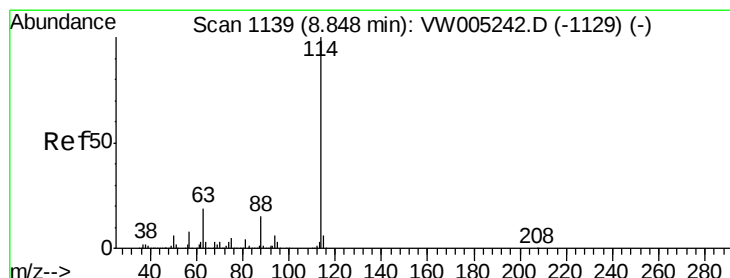
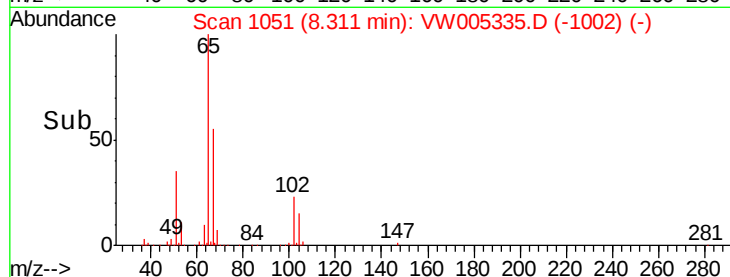
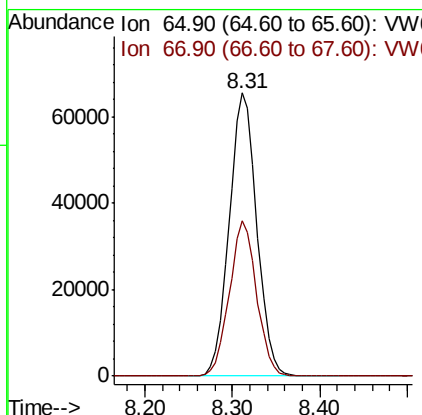
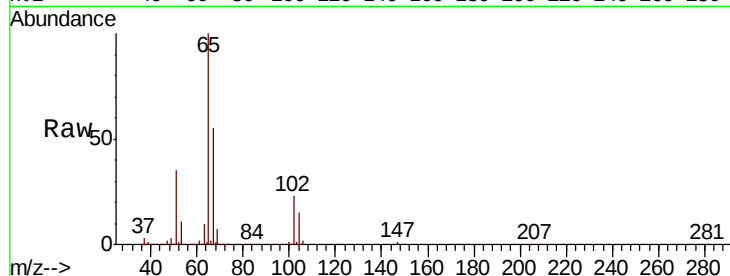




#33
 1,2-Dichloroethane-d4
 Concen: 53.378 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005335.D
 Acq: 12 Sep 2018 19:22

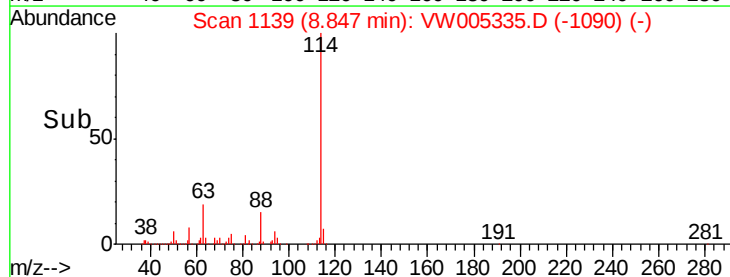
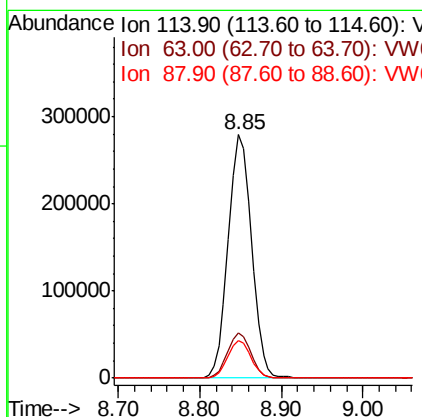
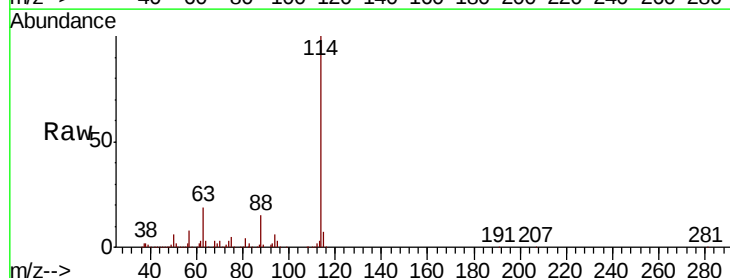
Instrument :
 MSVOA_W
 ClientSampleId :
 SP-545-180911

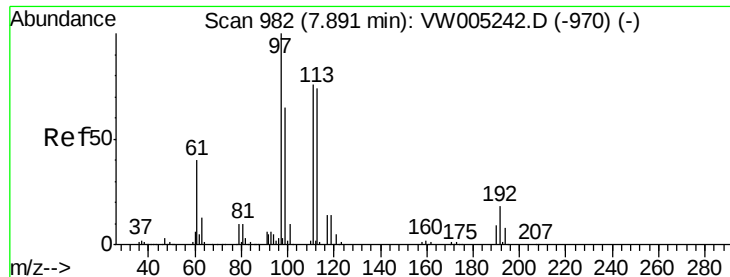
Tgt Ion: 65 Resp: 143436
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005335.D
 Acq: 12 Sep 2018 19:22

Tgt Ion: 114 Resp: 552260
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.0
 88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 44.753 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005335.D

Acq: 12 Sep 2018 19:22

Instrument :

MSVOA_W

ClientSampleId :

SP-545-180911

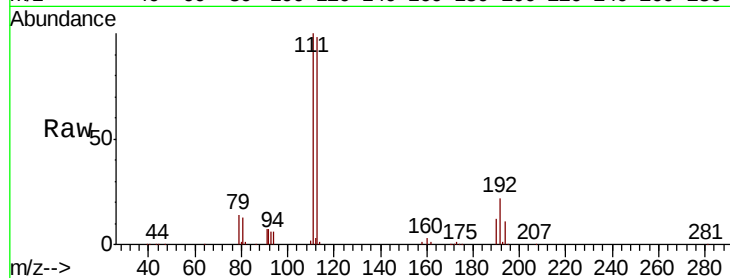
Tgt Ion: 113 Resp: 129468

Ion Ratio Lower Upper

113 100

111 103.5 80.6 121.0

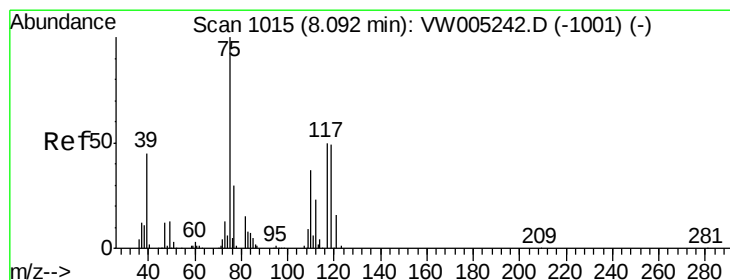
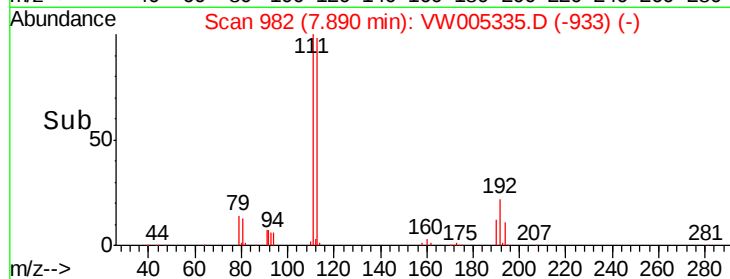
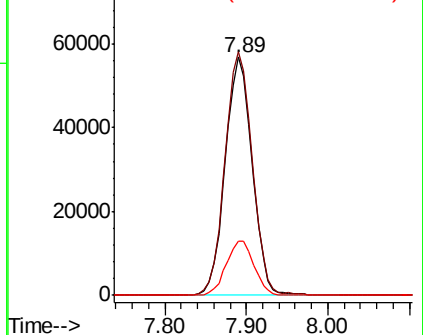
192 23.4 18.3 27.5



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: 4.665 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.14 min

Lab File: VW005335.D

Acq: 12 Sep 2018 19:22

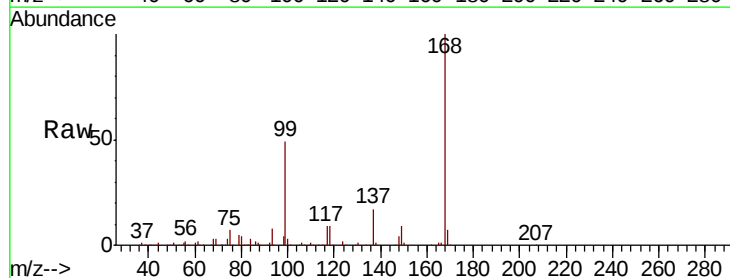
Tgt Ion: 75 Resp: 23605

Ion Ratio Lower Upper

75 100

110 8.2 18.8 56.4#

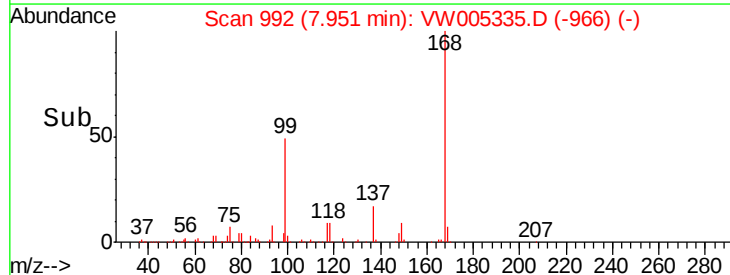
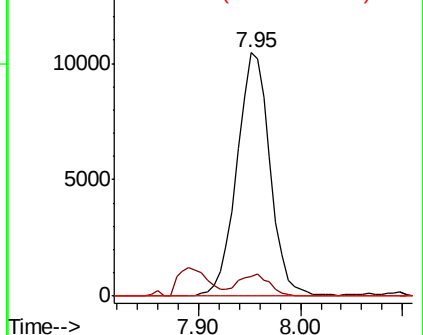
77 0.0 24.9 37.3#

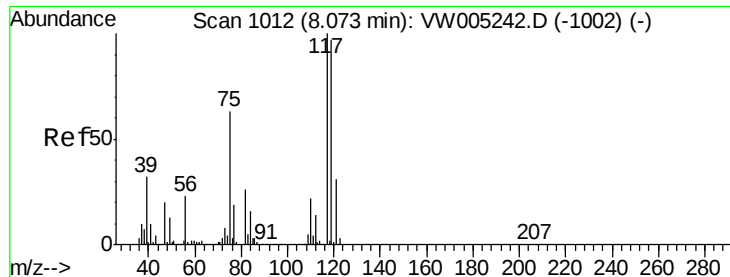


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.760 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005335.D

Acq: 12 Sep 2018 19:22

Instrument :

MSVOA_W

ClientSampleId :

SP-545-180911

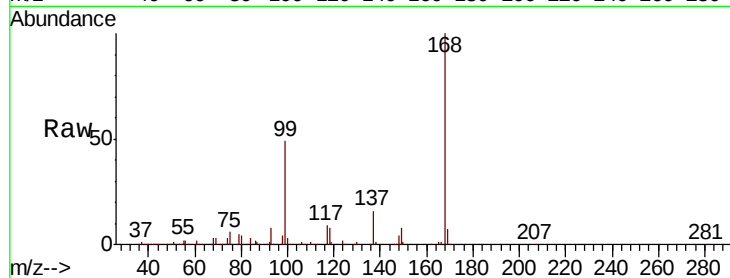
Tgt Ion:117 Resp: 32038

Ion Ratio Lower Upper

117 100

119 6.6 77.5 116.3#

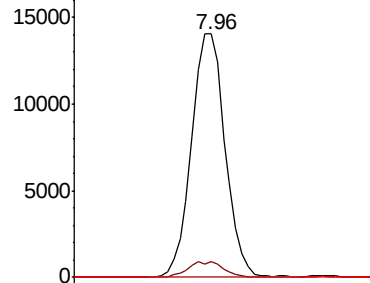
121 0.0 24.7 37.1#



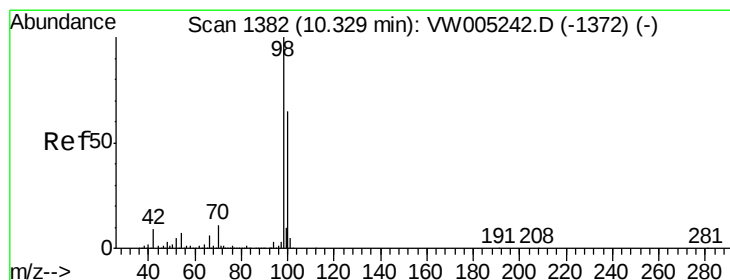
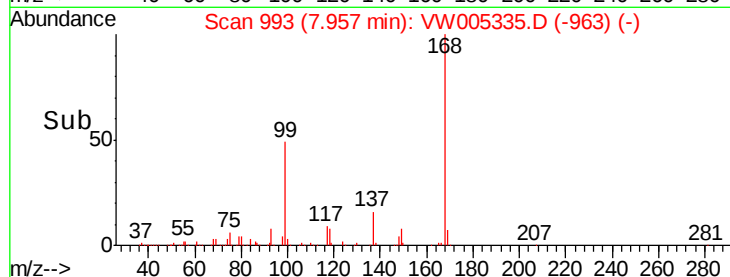
Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



Time-->



#50

Toluene-d8

Concen: 38.517 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005335.D

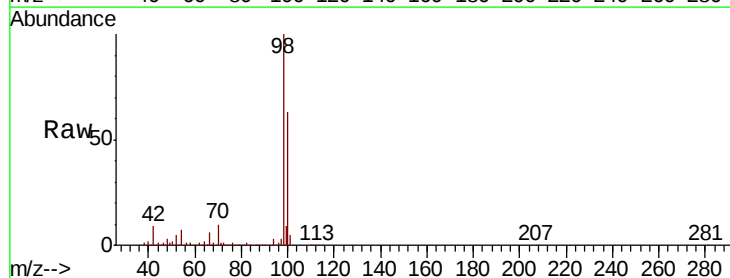
Acq: 12 Sep 2018 19:22

Tgt Ion: 98 Resp: 563057

Ion Ratio Lower Upper

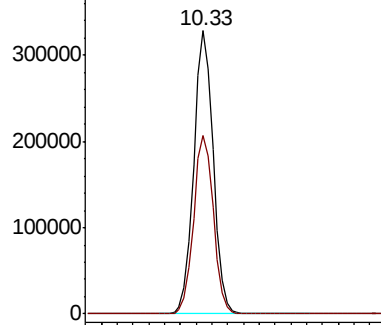
98 100

100 63.8 52.0 78.0

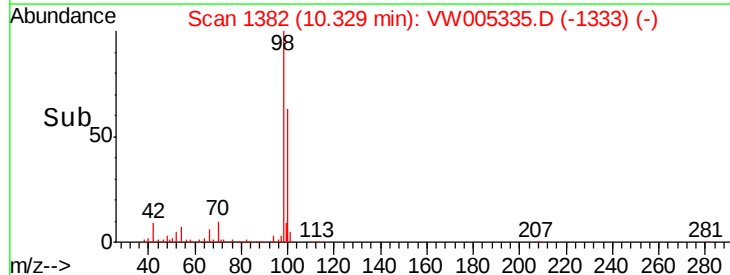


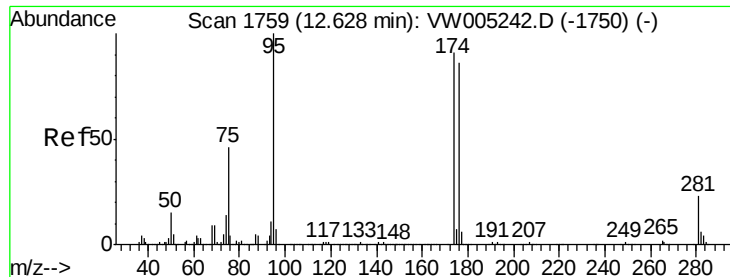
Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time-->

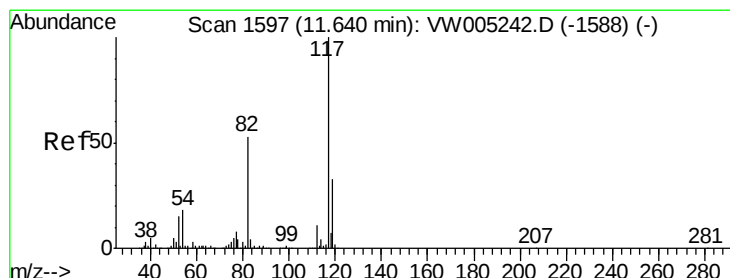
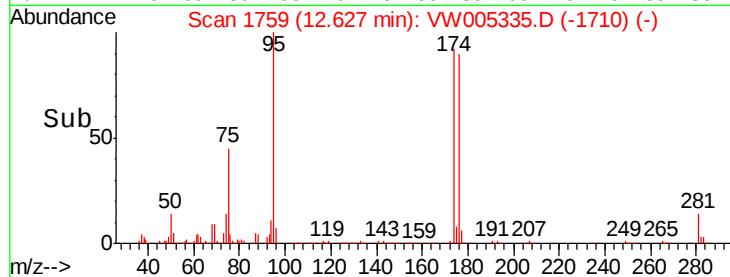
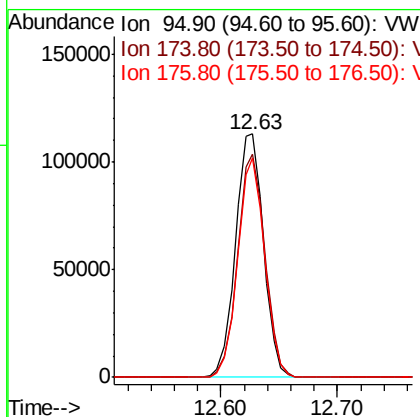
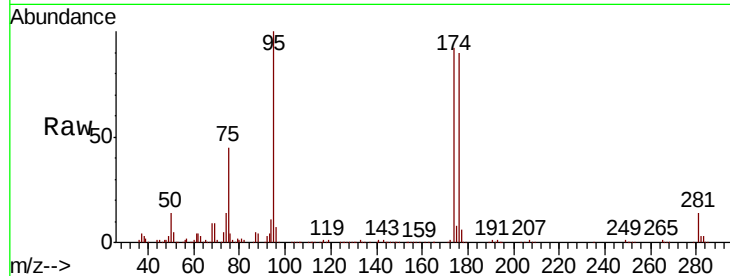




#62
4-Bromofluorobenzene
Concen: 35.252 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. -0.00 min
Lab File: VW005335.D
Acq: 12 Sep 2018 19:22

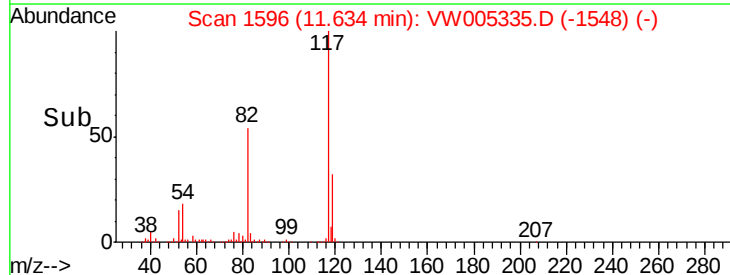
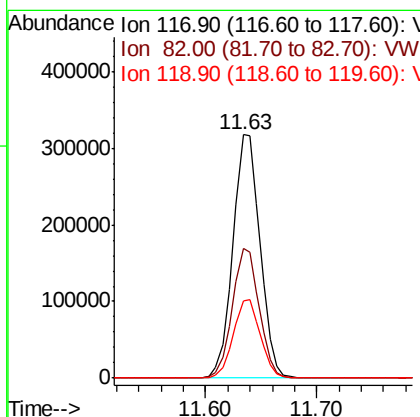
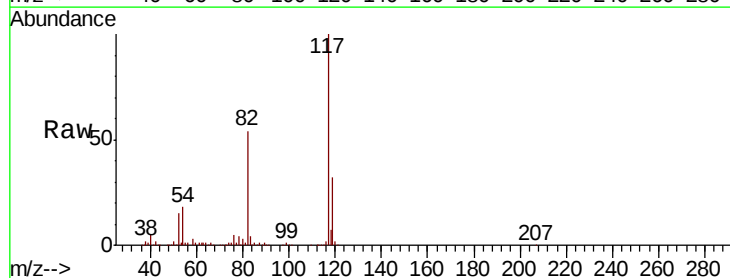
Instrument :
MSVOA_W
ClientSampleId :
SP-545-180911

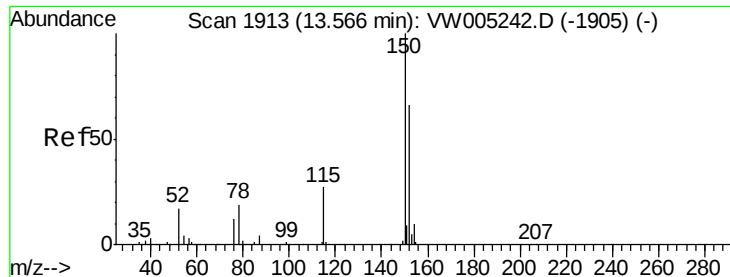
Tgt Ion	Resp	Lower	Upper
95	188496		
174	90.2	0.0	174.6
176	87.0	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005335.D
Acq: 12 Sep 2018 19:22

Tgt Ion	Resp	Lower	Upper
117	534355		
82	53.5	42.6	63.8
119	31.7	26.2	39.4



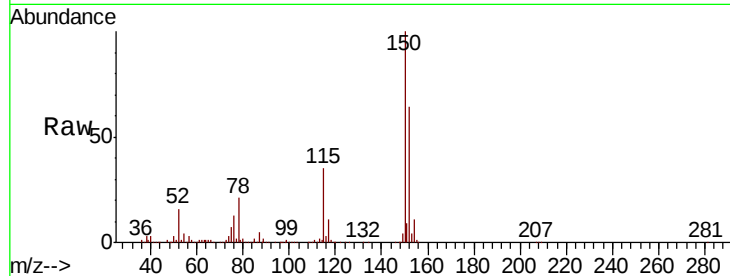


#72

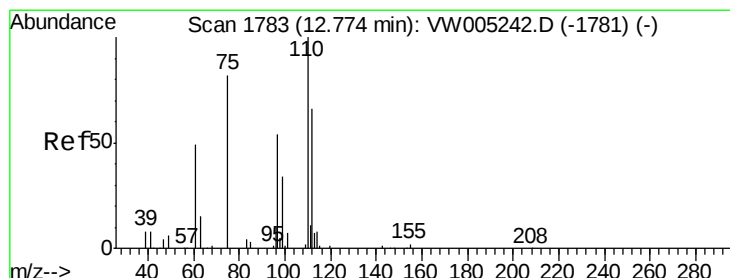
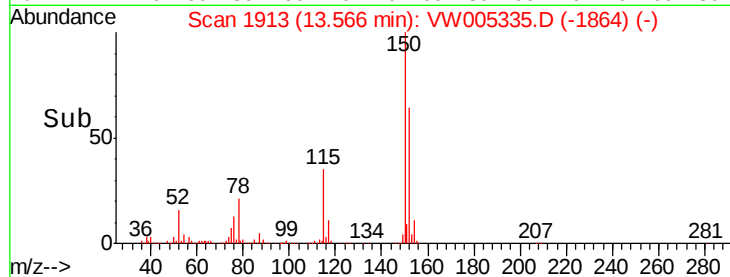
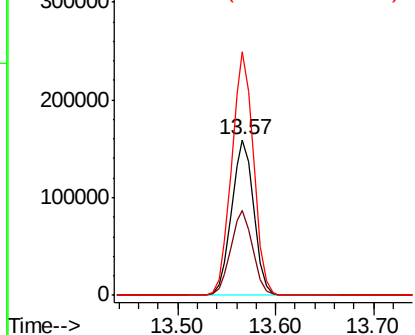
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005335.D
Acq: 12 Sep 2018 19:22

Instrument :
MSVOA_W
ClientSampleId :
SP-545-180911

Tgt Ion:152 Resp: 249168
Ion Ratio Lower Upper
152 100
115 54.3 27.5 82.4
150 154.5 0.0 347.4



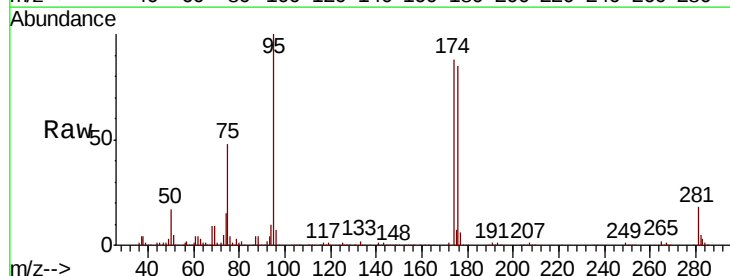
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



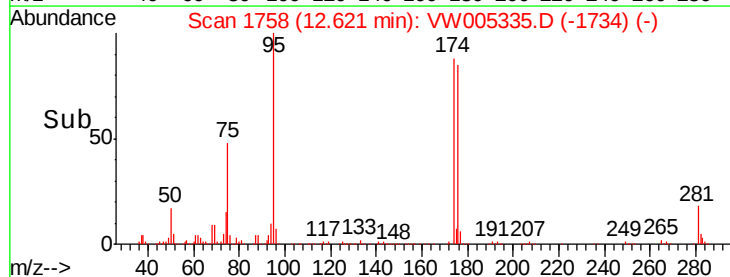
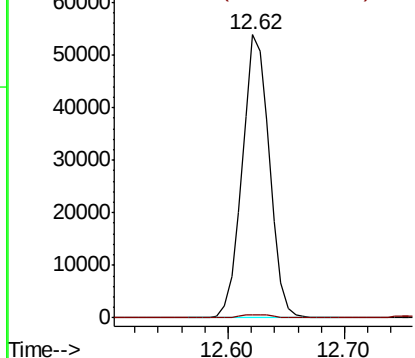
#76

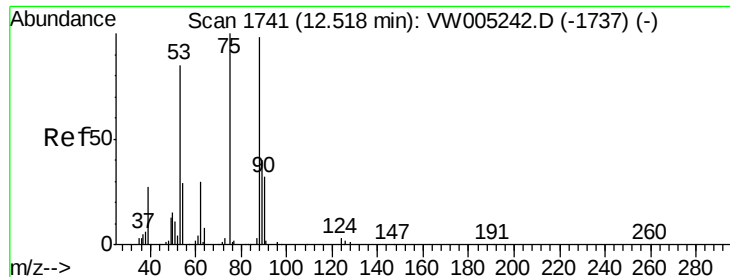
1,2,3-Trichloropropane
Concen: 45.657 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005335.D
Acq: 12 Sep 2018 19:22

Tgt Ion: 75 Resp: 87501
Ion Ratio Lower Upper
75 100
77 1.3 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: 107.076 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005335.D

Acq: 12 Sep 2018 19:22

Instrument :

MSVOA_W

ClientSampleId :

SP-545-180911

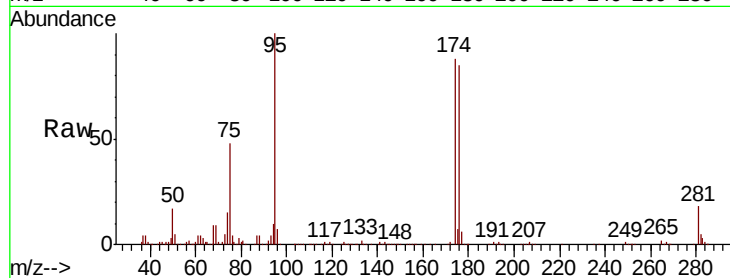
Tgt Ion: 75 Resp: 87501

Ion Ratio Lower Upper

75 100

53 0.0 67.0 100.6#

89 0.2 37.0 55.4#



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

