

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006632.D
 Acq On : 05 Nov 2018 13:32
 Operator : SY/AP
 Sample : J5649-10RE
 Misc : 5.52G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-04A

Quant Time: Nov 06 01:22:18 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	257929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	375380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	168250	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	87986	39.68	ug/l	0.00
Spiked Amount			Recovery	=	79.36%	
35) Dibromofluoromethane	7.88	113	93483	39.68	ug/l	0.00
Spiked Amount			Recovery	=	79.36%	
50) Toluene-d8	10.33	98	330720	36.88	ug/l	0.00
Spiked Amount			Recovery	=	73.76%	
62) 4-Bromofluorobenzene	12.62	95	109765	33.76	ug/l	0.00
Spiked Amount			Recovery	=	67.52%	

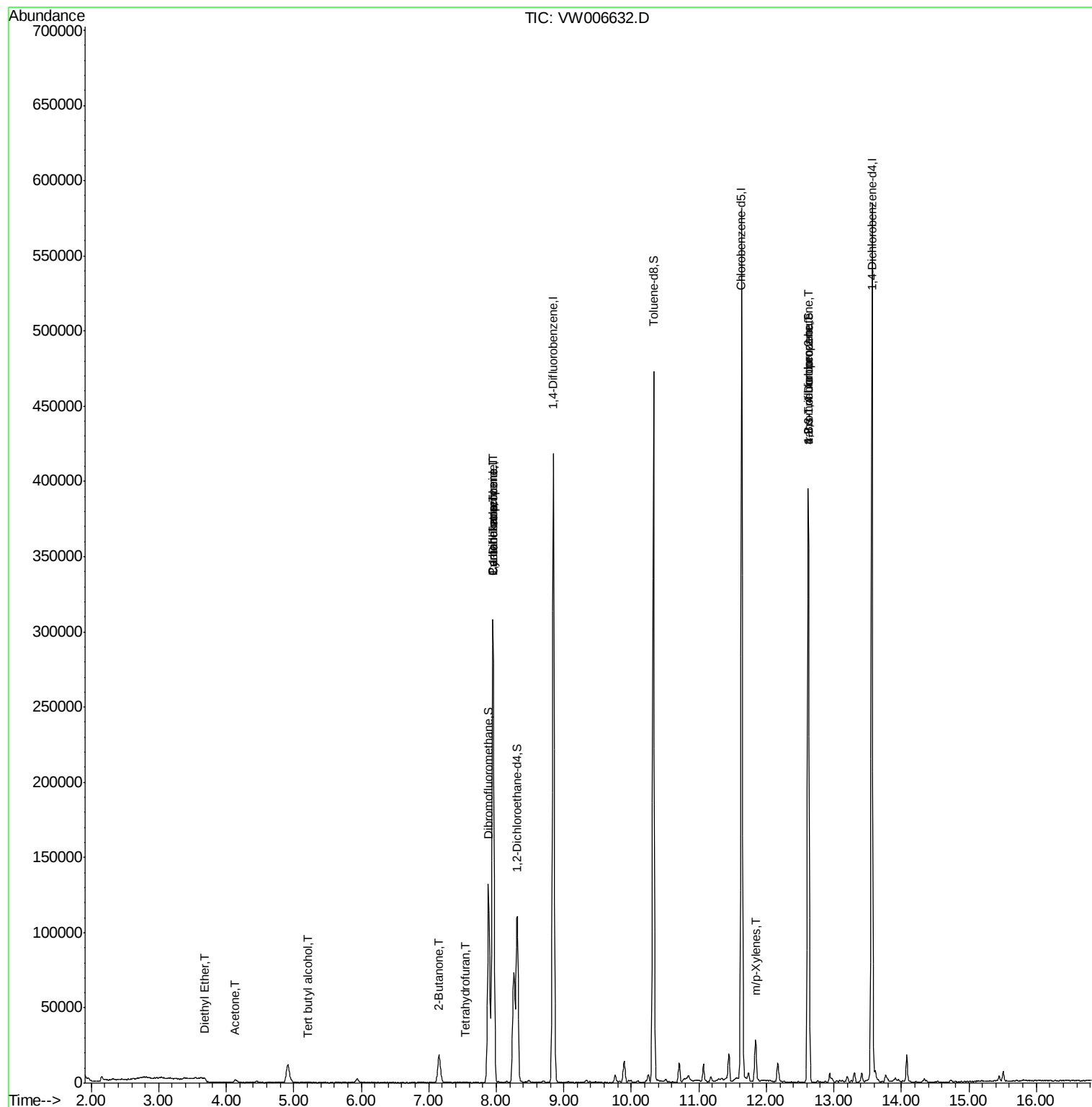
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1405	1.260	ug/l	76
11) Tert butyl alcohol	5.21	59	244	2.043	ug/l #	84
16) Acetone	4.14	43	3552	9.923	ug/l	98
20) Methylene Chloride	4.91	84	10421	Below Cal		96
25) 2-Butanone	7.15	43	1267	2.480	ug/l #	75
29) Tetrahydrofuran	7.55	42	449	1.398	ug/l #	53
31) Cyclohexane	7.95	56	4118	1.166	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	16502	4.999	ug/l #	48
38) Carbon Tetrachloride	7.95	117	22042	6.390	ug/l #	16
68) m/p-Xylenes	11.84	106	8676	1.832	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	53844	41.017	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	53844	103.230	ug/l #	11

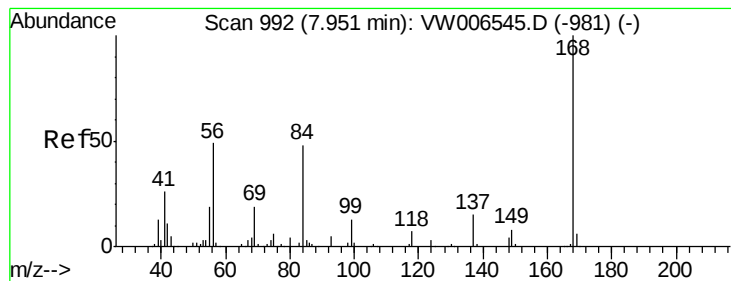
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
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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: VW006632.D

Acq: 05 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

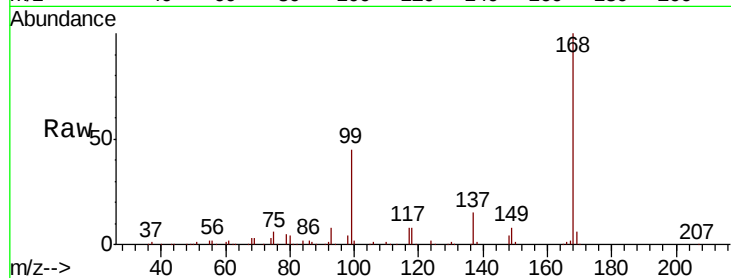
DL-04A

Tgt Ion:168 Resp: 257929

Ion Ratio Lower Upper

168 100

99 45.3 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

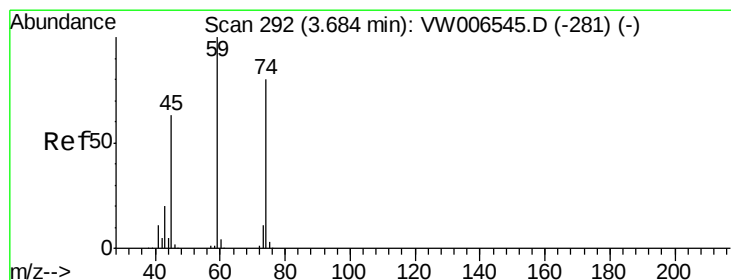
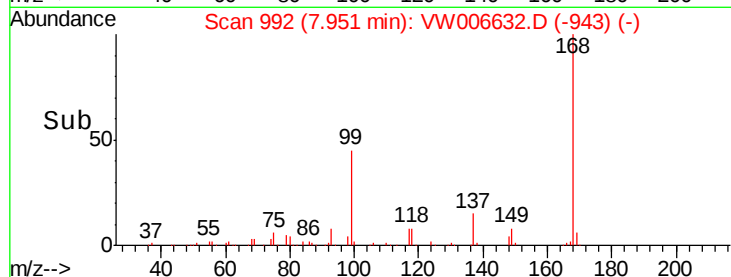
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.260 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.00 min

Lab File: VW006632.D

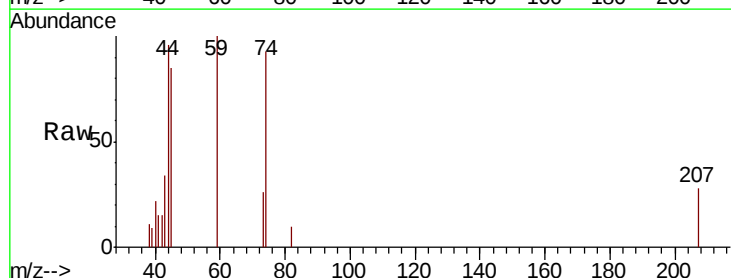
Acq: 05 Nov 2018 13:32

Tgt Ion: 74 Resp: 1405

Ion Ratio Lower Upper

74 100

45 103.6 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

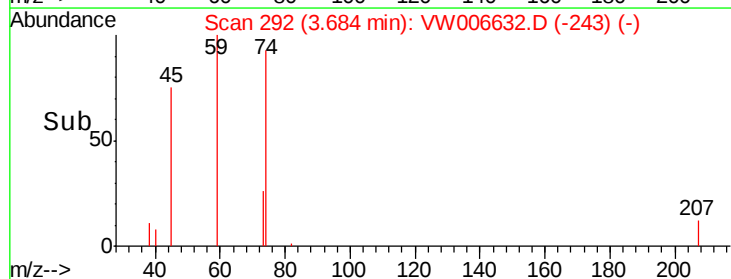
600

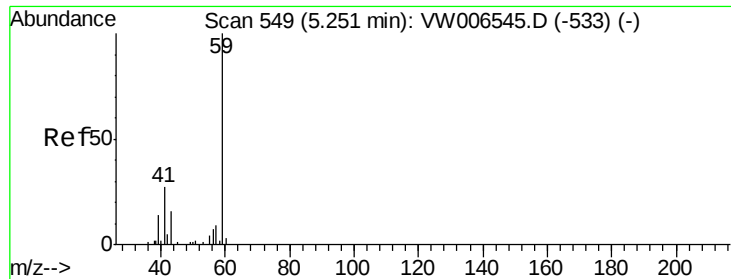
400

200

0

Time--> 3.60 3.65 3.70 3.75

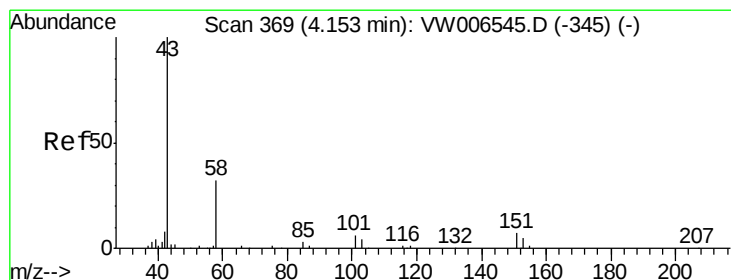
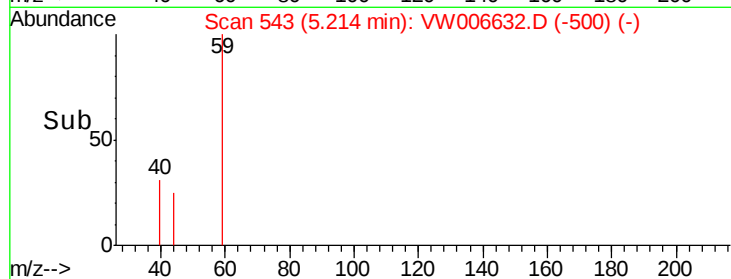
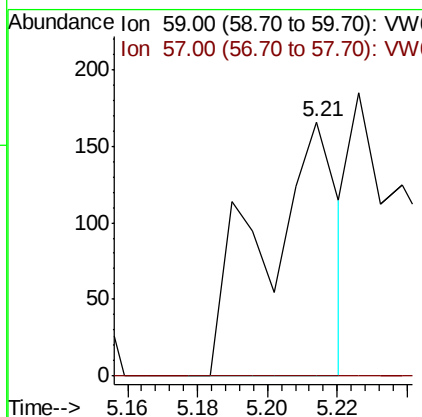
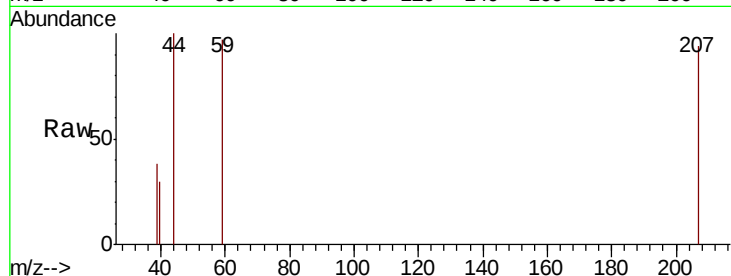




#11
Tert butyl alcohol
Concen: 2.043 ug/l
RT: 5.21 min Scan# 543
Delta R.T. -0.04 min
Lab File: VW006632.D
Acq: 05 Nov 2018 13:32

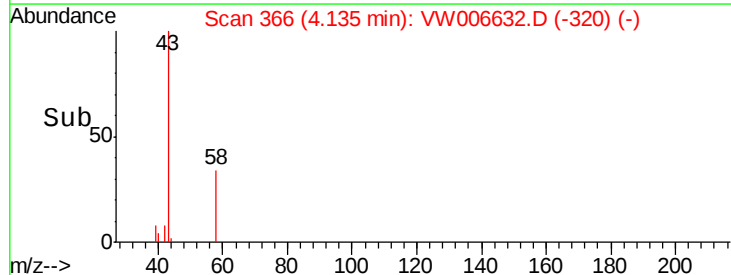
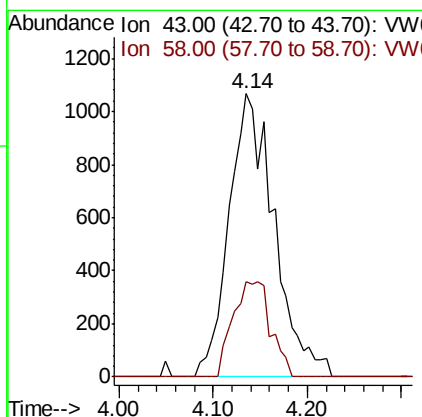
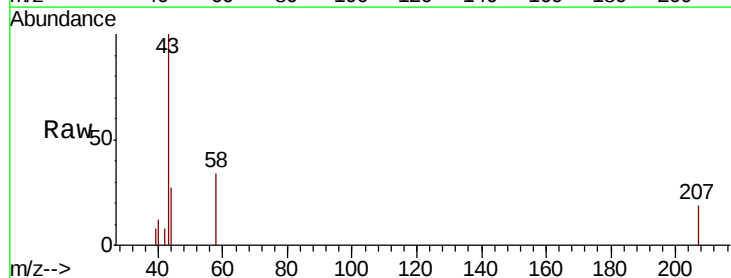
Instrument :
MSVOA_W
ClientSampled :
DL-04A

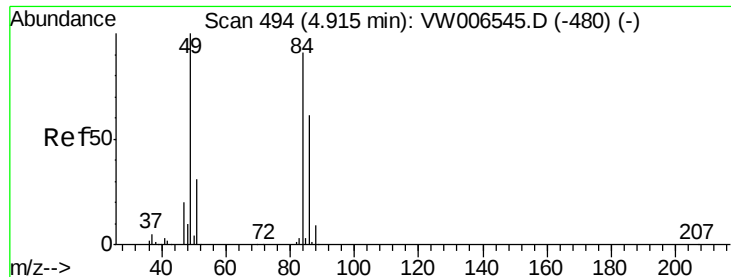
Tgt Ion: 59 Resp: 244
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#



#16
Acetone
Concen: 9.923 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.02 min
Lab File: VW006632.D
Acq: 05 Nov 2018 13:32

Tgt Ion: 43 Resp: 3552
Ion Ratio Lower Upper
43 100
58 33.6 25.8 38.8





#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006632.D

Acq: 05 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

DL-04A

Tgt Ion: 84 Resp: 10421

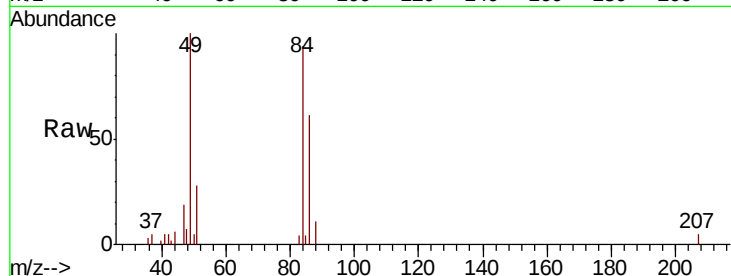
Ion Ratio Lower Upper

84 100

49 105.9 88.2 132.4

51 30.0 27.0 40.6

86 64.7 53.8 80.8

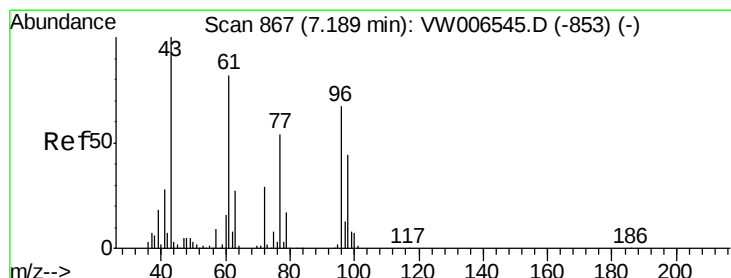
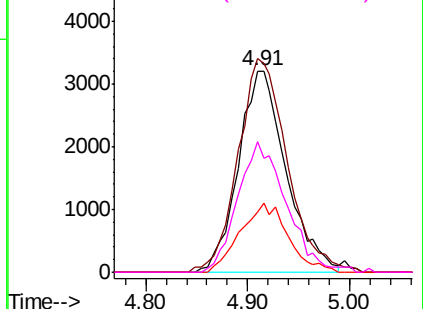
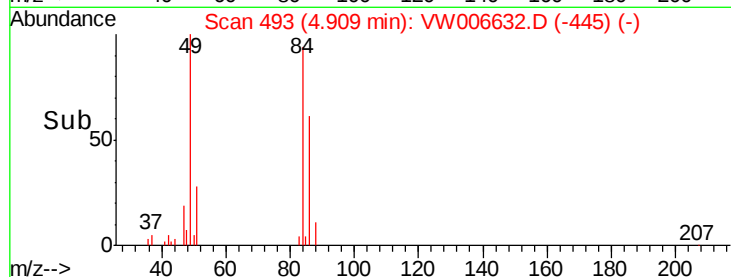


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 2.480 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.04 min

Lab File: VW006632.D

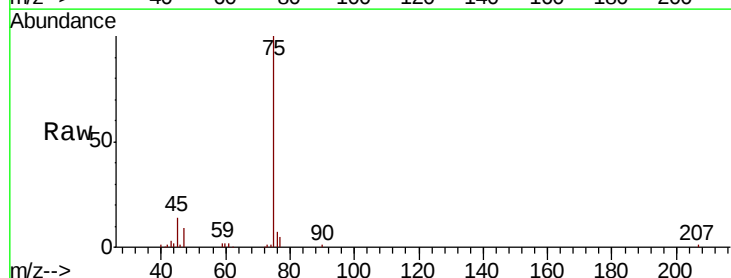
Acq: 05 Nov 2018 13:32

Tgt Ion: 43 Resp: 1267

Ion Ratio Lower Upper

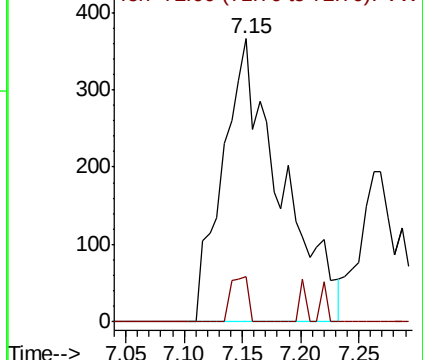
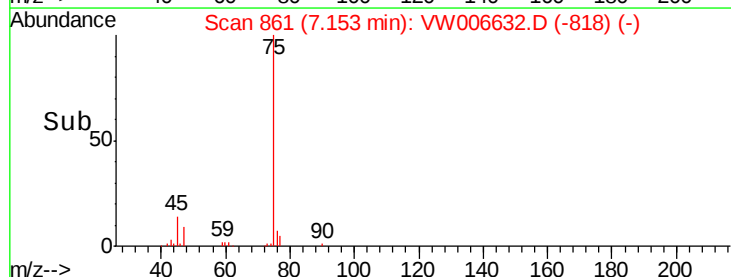
43 100

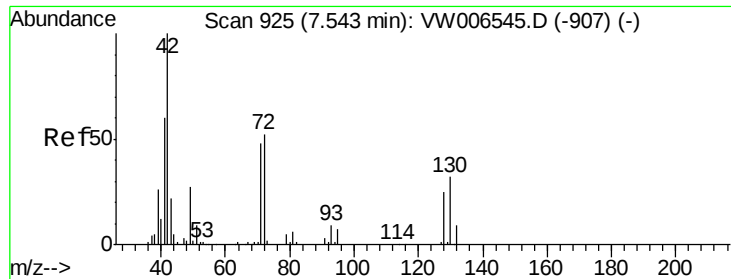
72 15.8 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

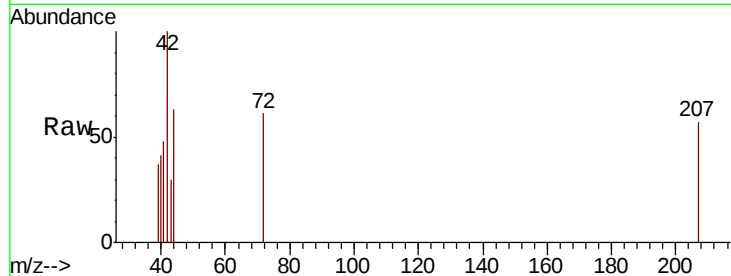




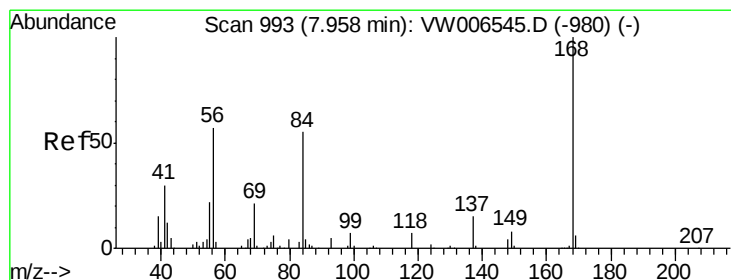
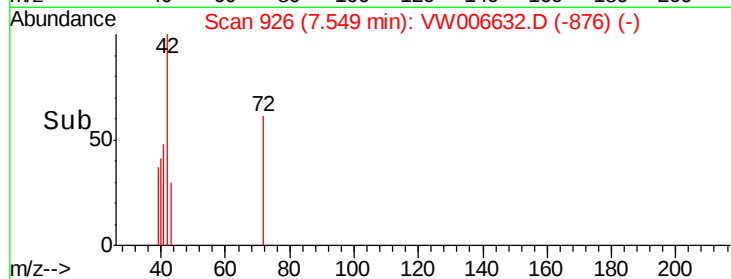
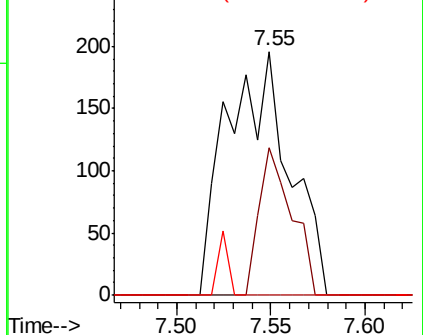
#29
Tetrahydrofuran
Concen: 1.398 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.01 min
Lab File: VW006632.D
Acq: 05 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampled :
DL-04A

Tgt Ion: 42 Resp: 449
Ion Ratio Lower Upper
42 100
72 31.8 39.2 58.8#
71 0.0 37.6 56.4#

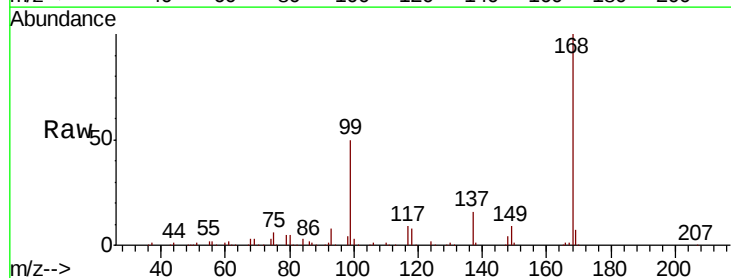


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

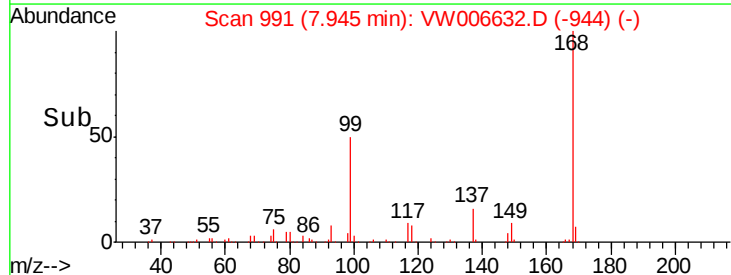
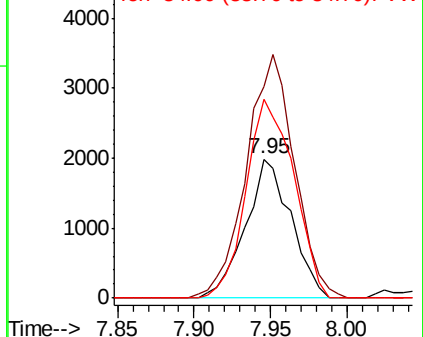


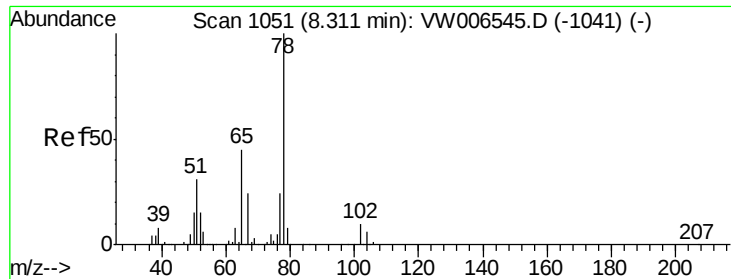
#31
Cyclohexane
Concen: 1.166 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006632.D
Acq: 05 Nov 2018 13:32

Tgt Ion: 56 Resp: 4118
Ion Ratio Lower Upper
56 100
69 152.5 29.0 43.4#
84 142.6 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

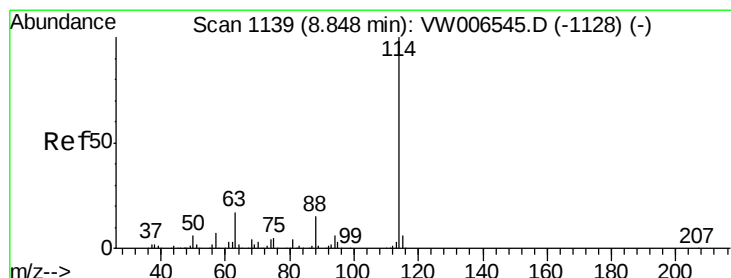
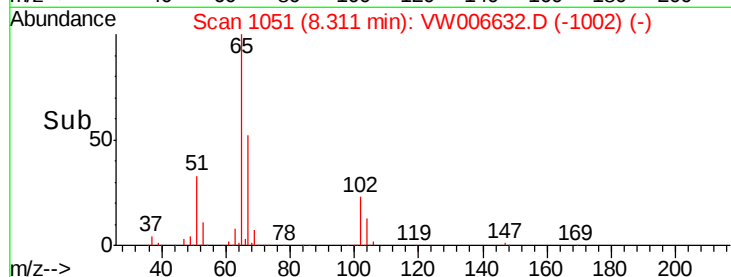
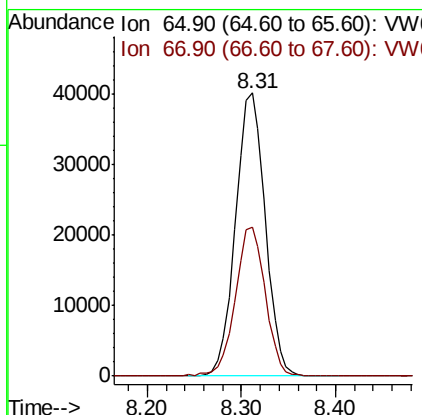
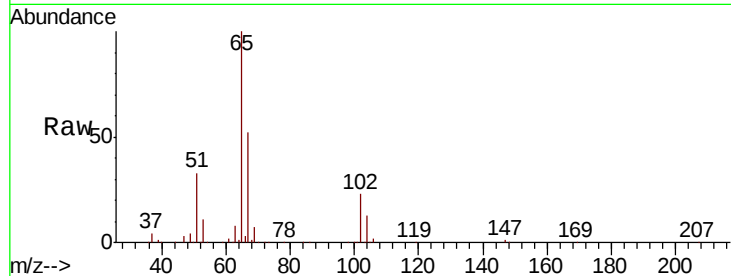




#33
 1,2-Dichloroethane-d4
 Concen: 39.684 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006632.D
 Acq: 05 Nov 2018 13:32

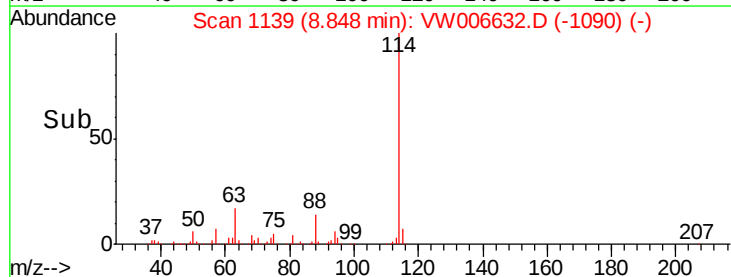
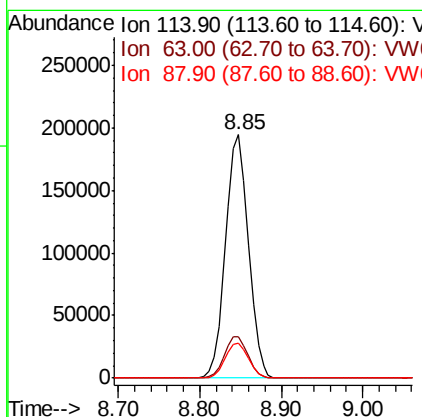
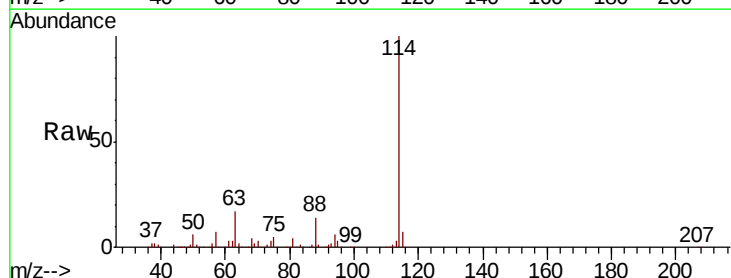
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-04A

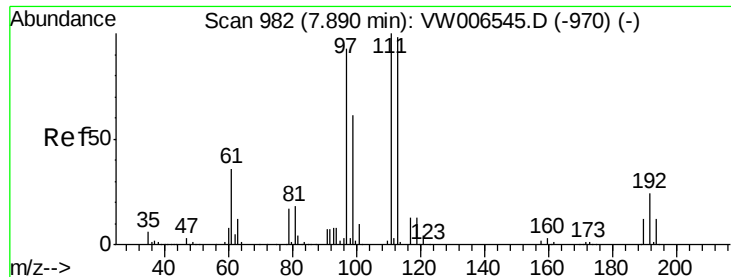
Tgt Ion: 65 Resp: 87986
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006632.D
 Acq: 05 Nov 2018 13:32

Tgt Ion: 114 Resp: 375380
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.4
 88 14.2 0.0 29.0

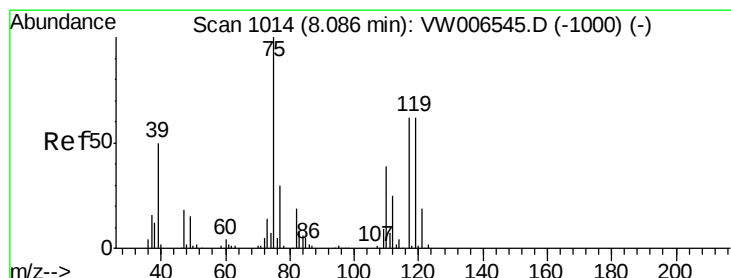
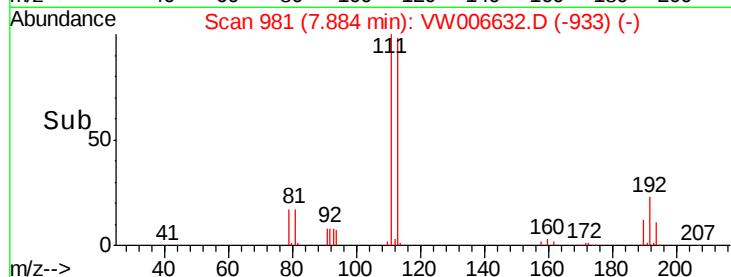
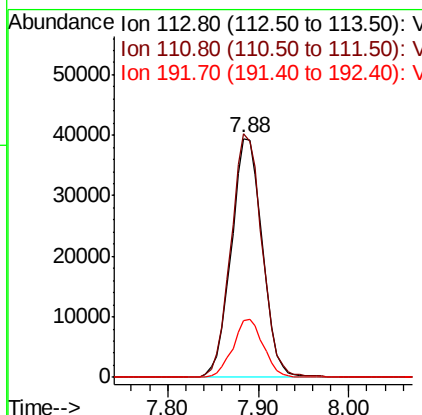
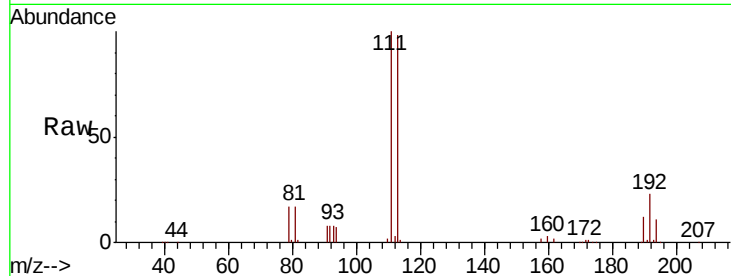




#35
 Dibromofluoromethane
 Concen: 39.682 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006632.D
 Acq: 05 Nov 2018 13:32

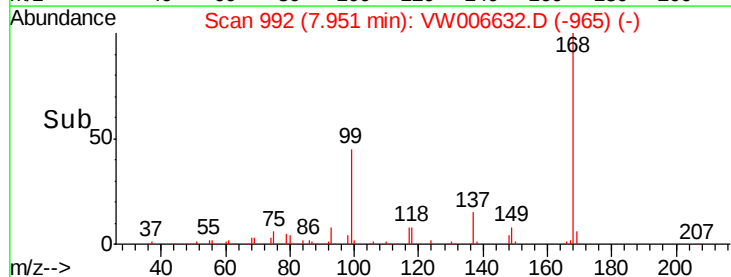
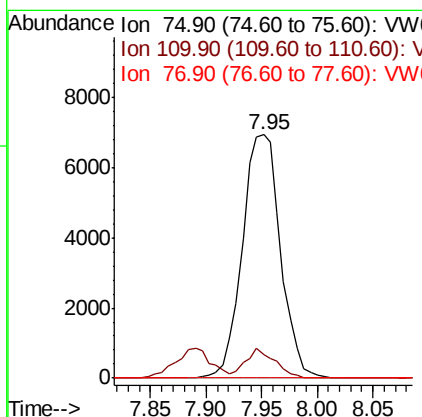
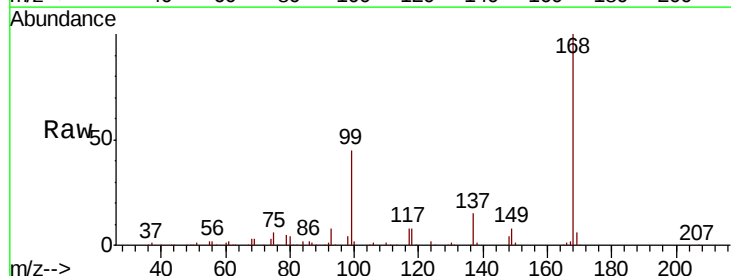
Instrument :
 MSVOA_W
 ClientSampled :
 DL-04A

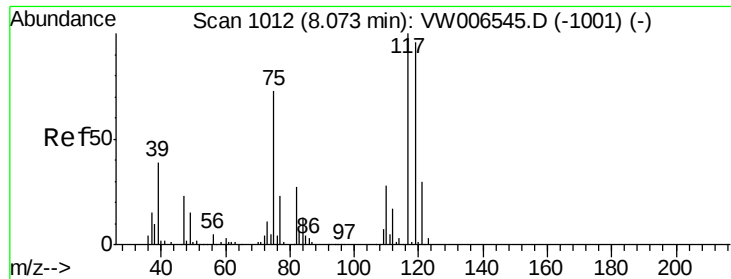
Tgt Ion:113 Resp: 93483
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.2
 192 23.7 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.999 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006632.D
 Acq: 05 Nov 2018 13:32

Tgt Ion: 75 Resp: 16502
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.5 58.5#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.390 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006632.D

Acq: 05 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

DL-04A

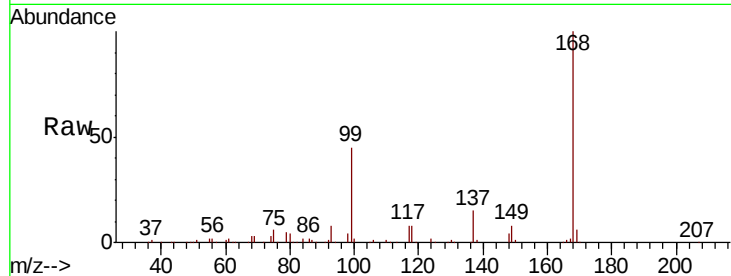
Tgt Ion:117 Resp: 22042

Ion Ratio Lower Upper

117 100

119 5.0 76.3 114.5#

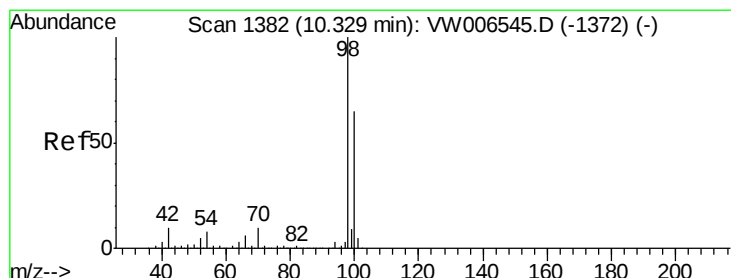
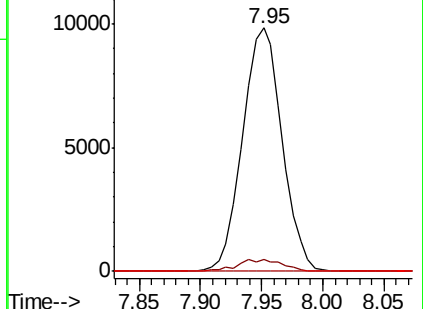
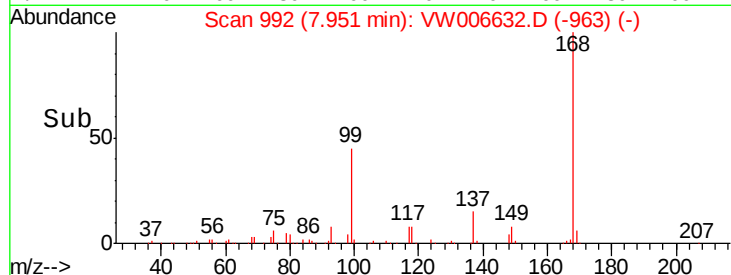
121 0.0 24.1 36.1#



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: 36.877 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006632.D

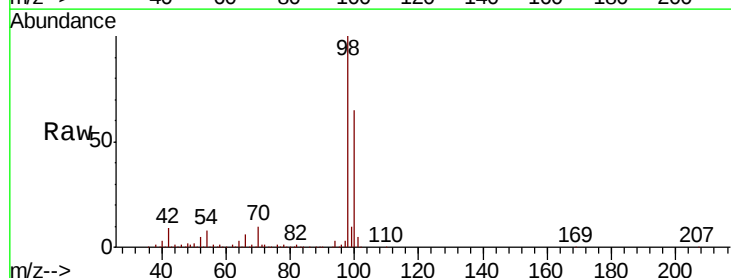
Acq: 05 Nov 2018 13:32

Tgt Ion: 98 Resp: 330720

Ion Ratio Lower Upper

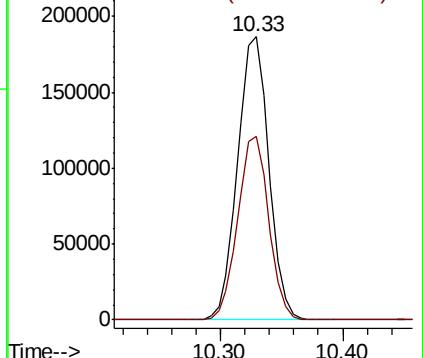
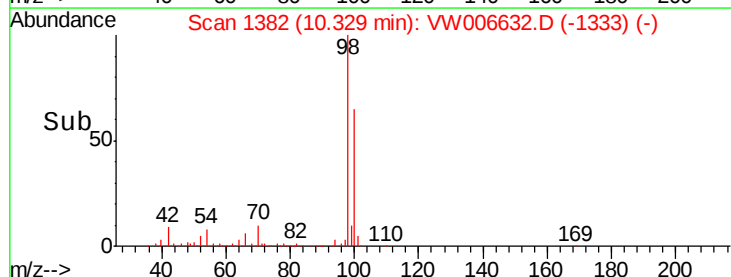
98 100

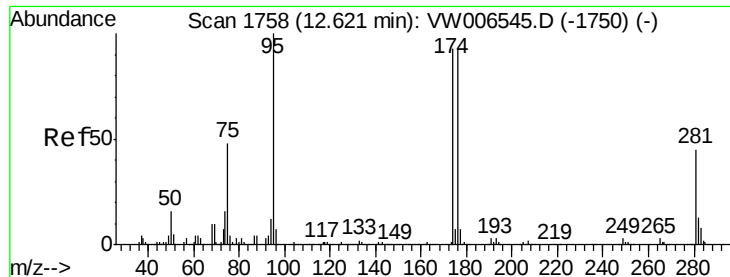
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 33.760 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006632.D

Acq: 05 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

DL-04A

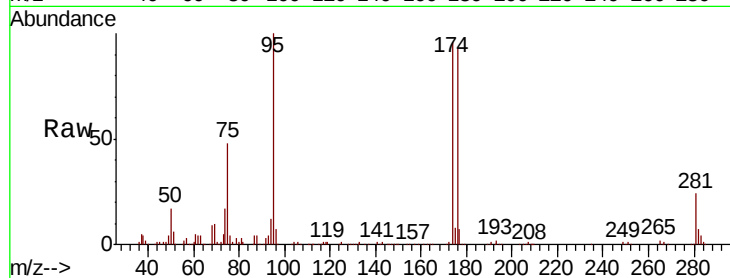
Tgt Ion: 95 Resp: 109765

Ion Ratio Lower Upper

95 100

174 99.9 0.0 192.4

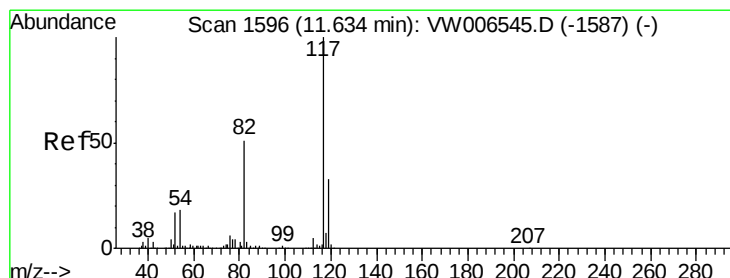
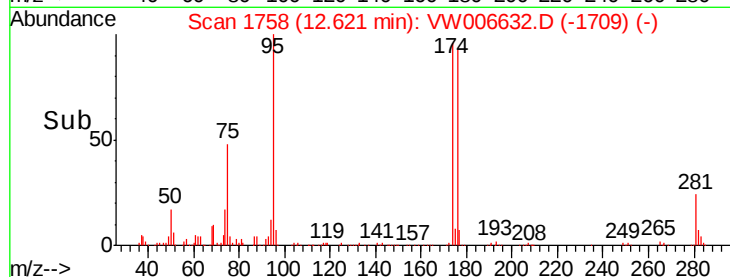
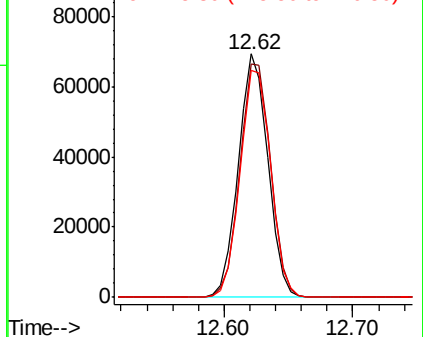
176 96.7 0.0 187.4



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: VW006632.D

Acq: 05 Nov 2018 13:32

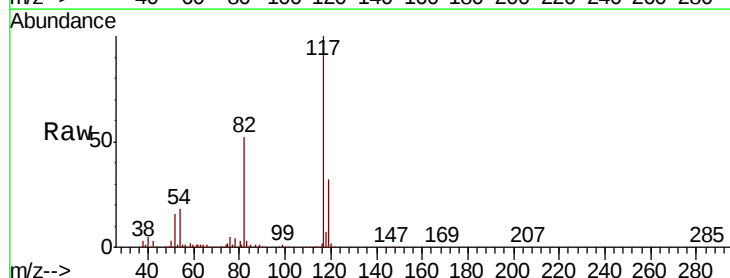
Tgt Ion: 117 Resp: 337031

Ion Ratio Lower Upper

117 100

82 51.6 40.8 61.2

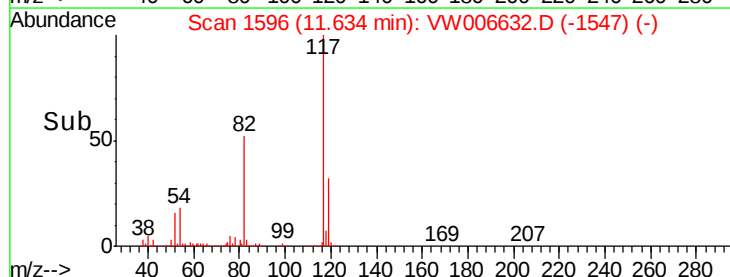
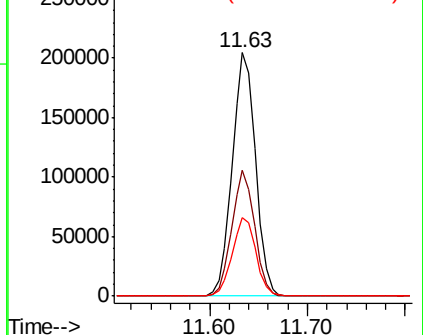
119 32.2 26.1 39.1

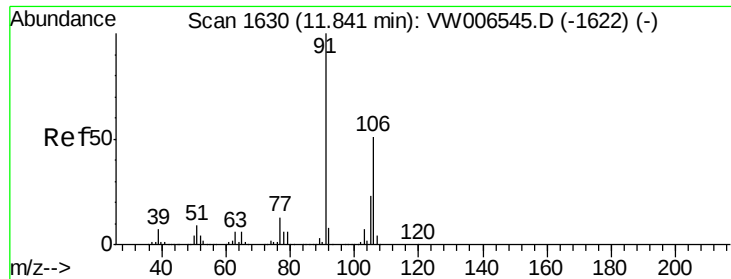


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

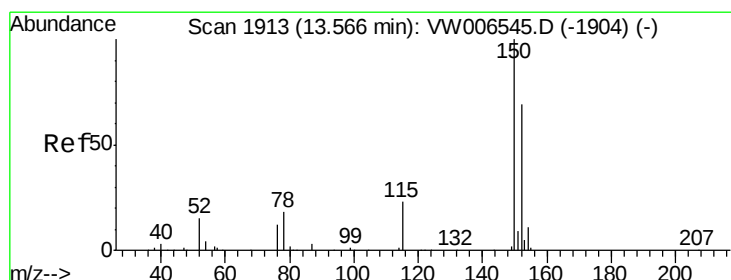
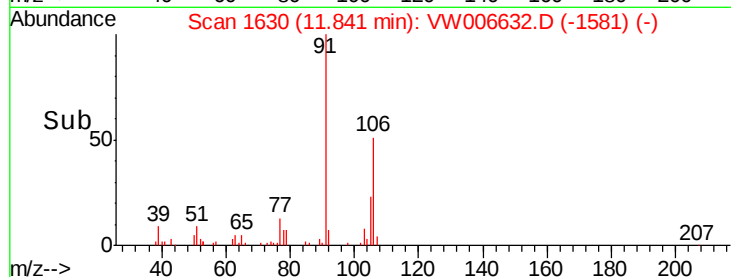
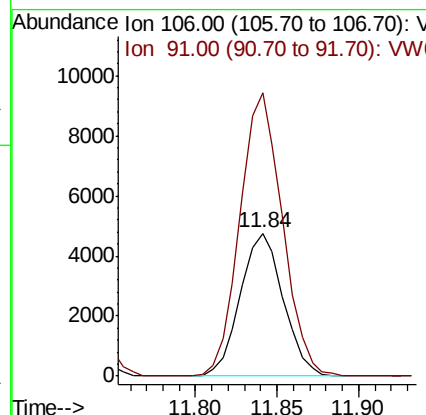
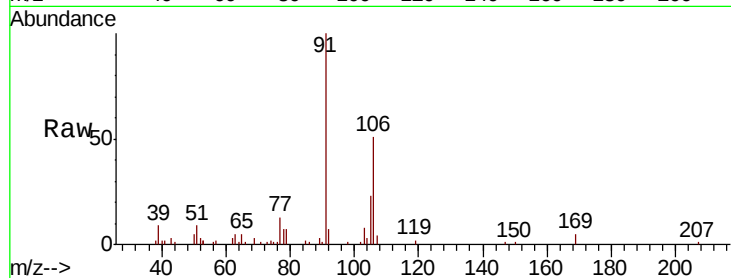




#68
m/p-Xylenes
Concen: 1.832 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006632.D
Acq: 05 Nov 2018 13:32

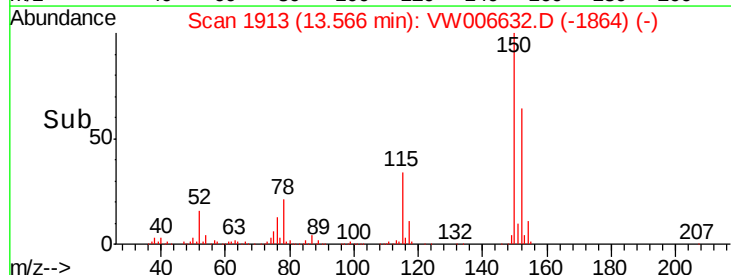
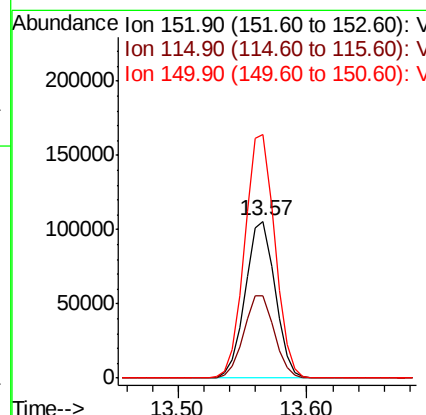
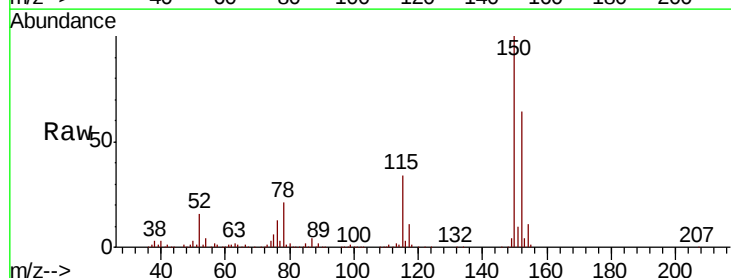
Instrument :
MSVOA_W
ClientSampled :
DL-04A

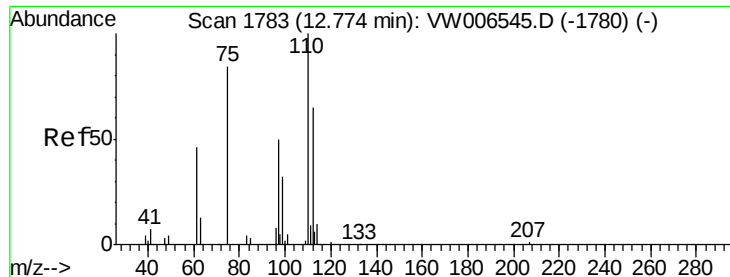
Tgt Ion:106 Resp: 8676
Ion Ratio Lower Upper
106 100
91 196.9 156.7 235.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006632.D
Acq: 05 Nov 2018 13:32

Tgt Ion:152 Resp: 168250
Ion Ratio Lower Upper
152 100
115 53.9 26.6 79.8
150 157.3 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 41.017 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006632.D

Acq: 05 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

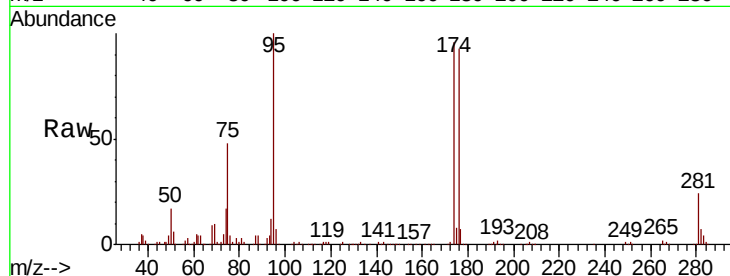
DL-04A

Tgt Ion: 75 Resp: 53844

Ion Ratio Lower Upper

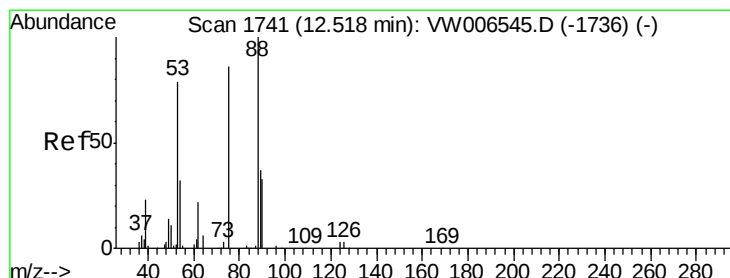
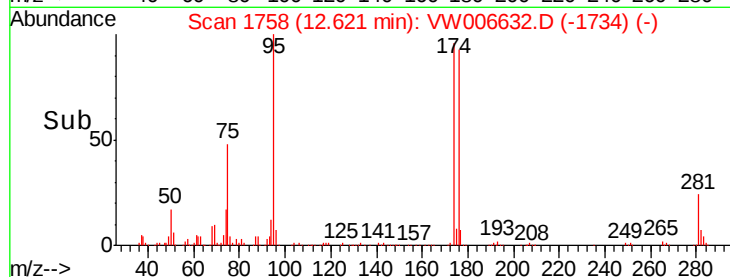
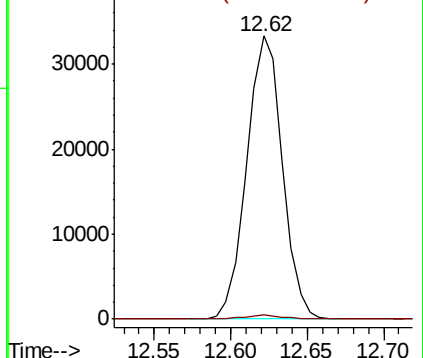
75 100

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: 103.230 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006632.D

Acq: 05 Nov 2018 13:32

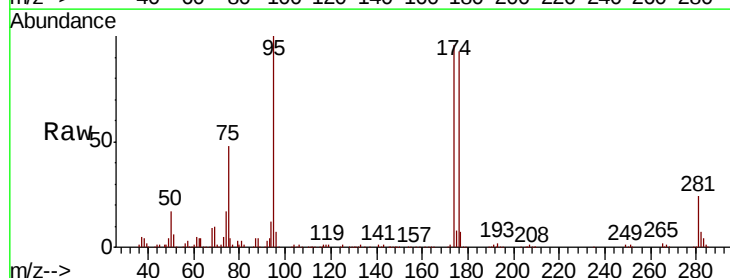
Tgt Ion: 75 Resp: 53844

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.1 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

