

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006635.D
 Acq On : 05 Nov 2018 14:49
 Operator : SY/AP
 Sample : J5665-05RE
 Misc : 4.08G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-08A

Quant Time: Nov 06 01:22:46 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

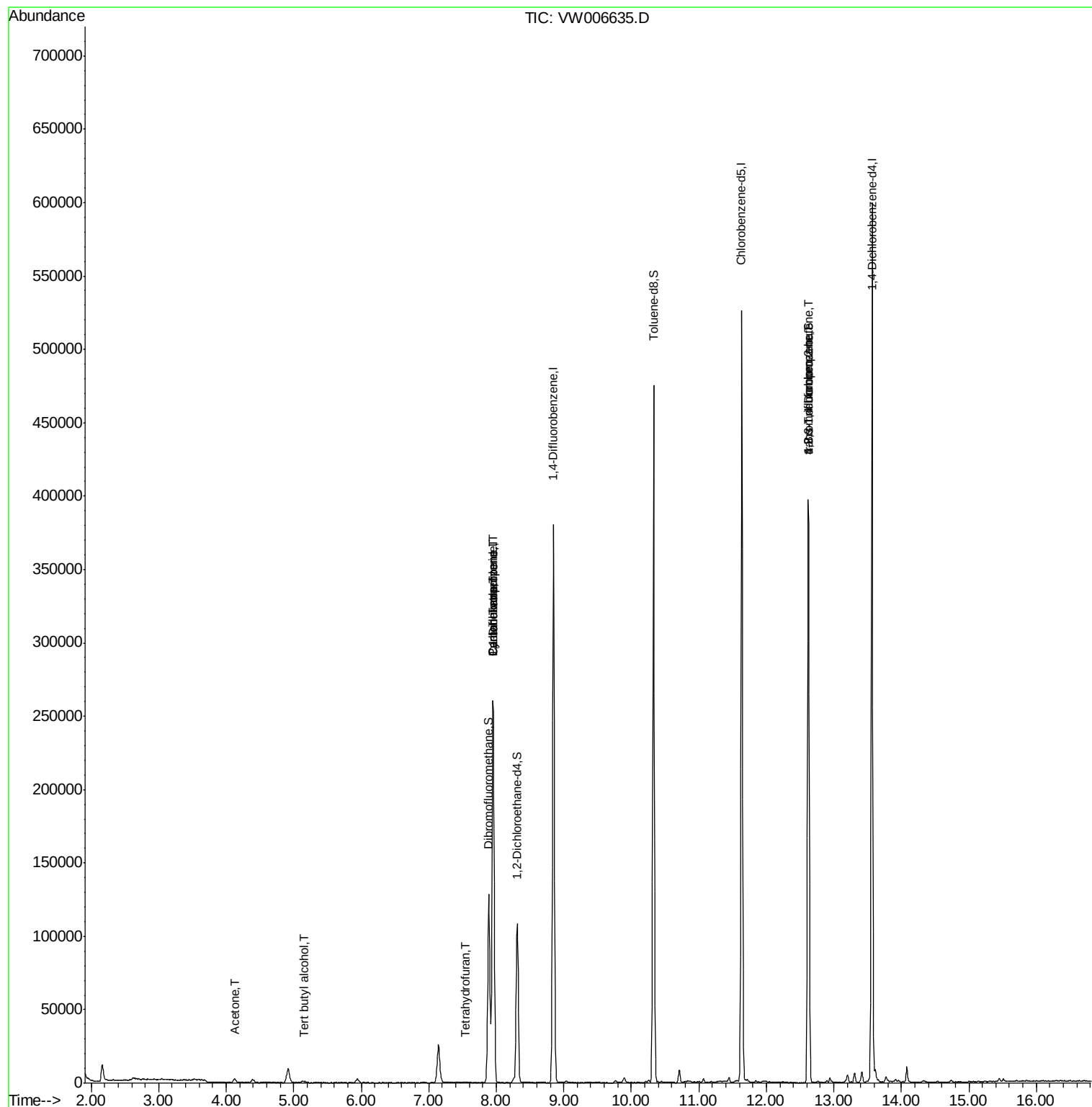
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	341844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	314222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	166211	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	86329	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
35) Dibromofluoromethane	7.89	113	89707	41.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.62%	
50) Toluene-d8	10.33	98	324043	39.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.36%	
62) 4-Bromofluorobenzene	12.62	95	111024	37.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.00%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.17	59	778	7.756	ug/l #	84
16) Acetone	4.12	43	4420	14.706	ug/l	96
20) Methylene Chloride	4.92	84	7672	Below Cal		96
29) Tetrahydrofuran	7.53	42	361	1.338	ug/l #	47
31) Cyclohexane	7.95	56	3302	1.114	ug/l #	6
36) 1,1-Dichloropropene	7.96	75	13161	4.378	ug/l #	48
38) Carbon Tetrachloride	7.95	117	18465	5.878	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	54961	42.381	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	54961	106.575	ug/l #	11

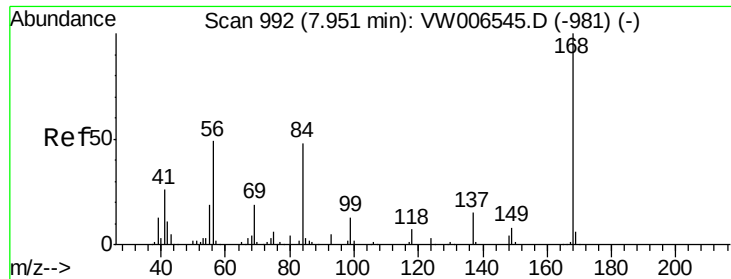
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
Data File : VW006635.D
Acq On : 05 Nov 2018 14:49
Operator : SY/AP
Sample : J5665-05RE
Misc : 4.08G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DL-08A

Quant Time: Nov 06 01:22:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
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: VW006635.D

Acq: 05 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

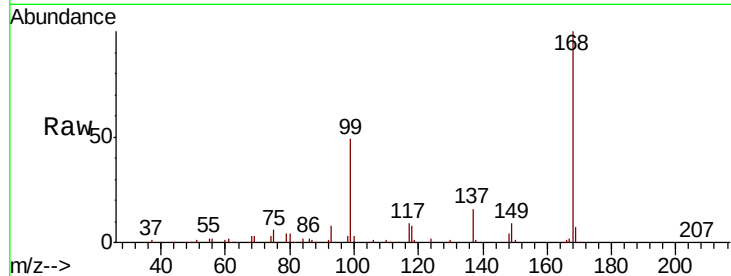
DL-08A

Tgt Ion:168 Resp: 216574

Ion Ratio Lower Upper

168 100

99 48.6 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

80000

60000

40000

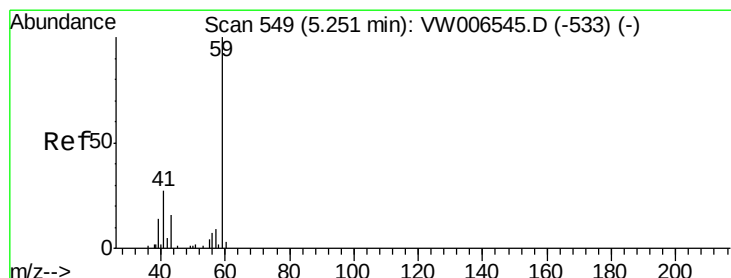
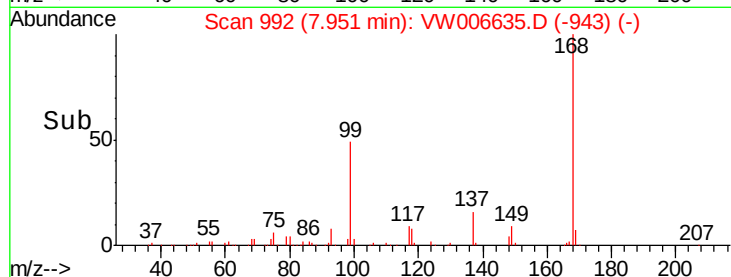
20000

0

7.90

8.00

Time-->



#11

Tert butyl alcohol

Concen: 7.756 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.09 min

Lab File: VW006635.D

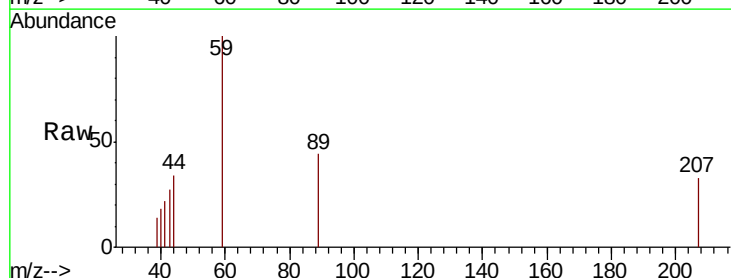
Acq: 05 Nov 2018 14:49

Tgt Ion: 59 Resp: 778

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

500

400

300

200

100

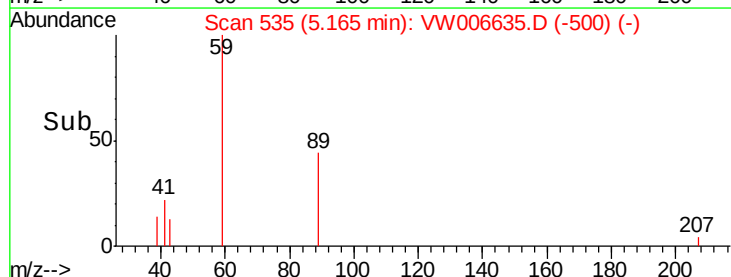
0

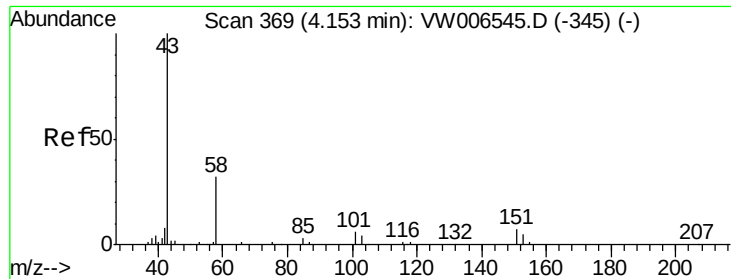
5.15

5.20

5.25

Time-->

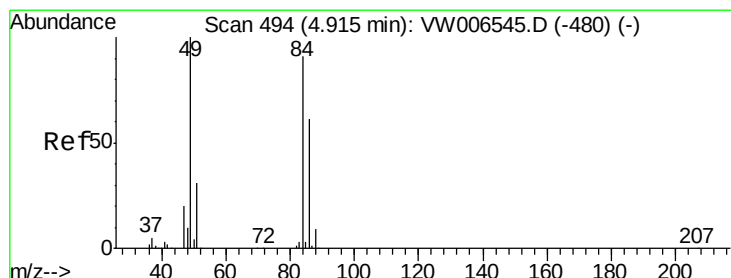
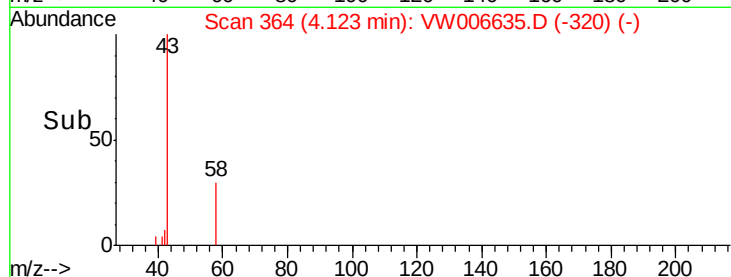
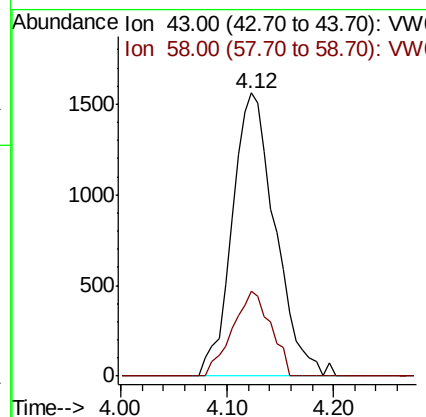
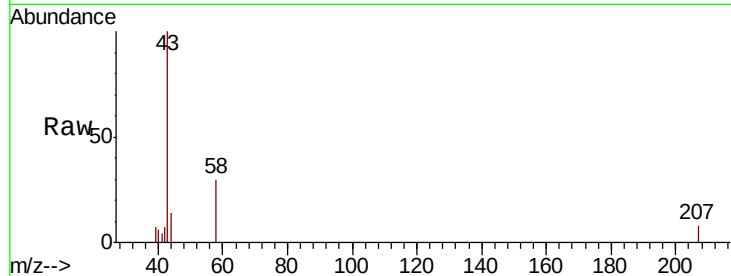




#16
Acetone
Concen: 14.706 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.03 min
Lab File: VW006635.D
Acq: 05 Nov 2018 14:49

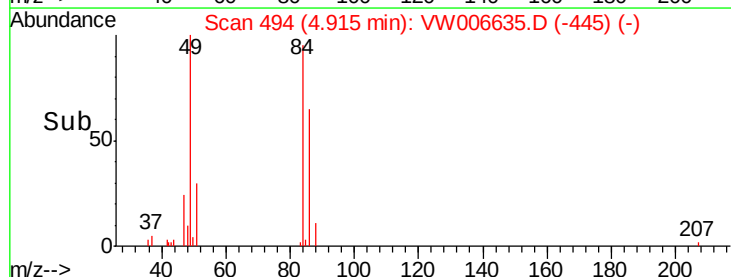
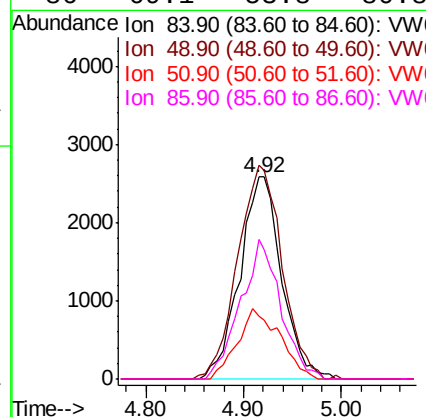
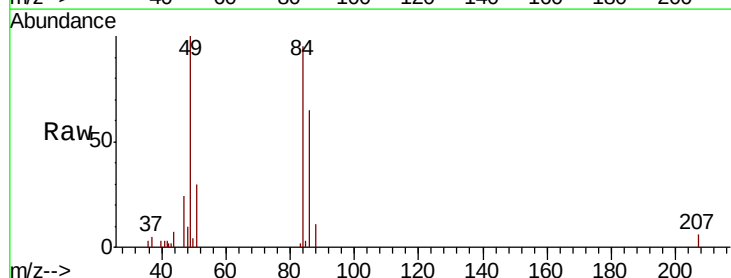
Instrument :
MSVOA_W
ClientSampleId :
DL-08A

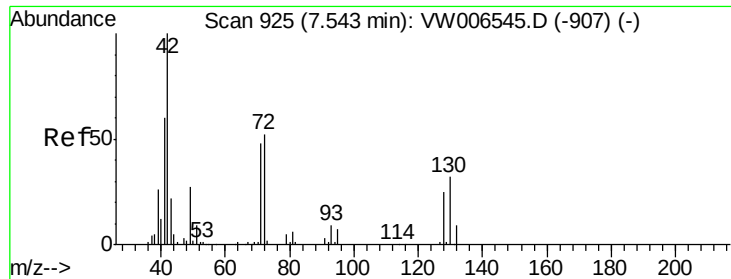
Tgt Ion: 43 Resp: 4420
Ion Ratio Lower Upper
43 100
58 30.1 25.8 38.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006635.D
Acq: 05 Nov 2018 14:49

Tgt Ion: 84 Resp: 7672
Ion Ratio Lower Upper
84 100
49 105.7 88.2 132.4
51 31.4 27.0 40.6
86 69.1 53.8 80.8

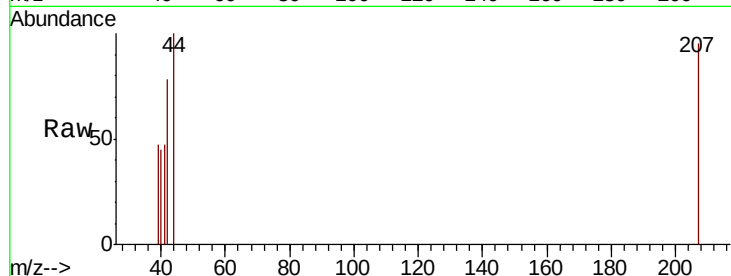




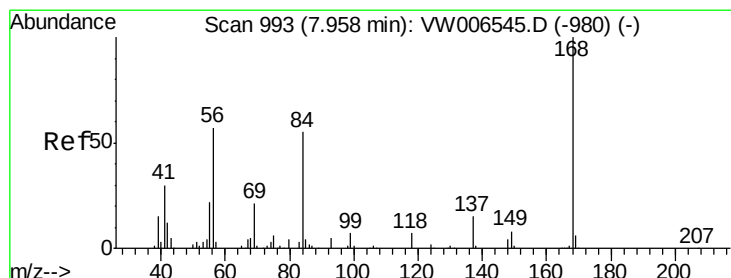
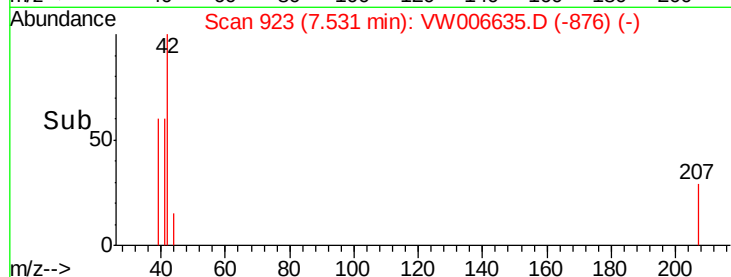
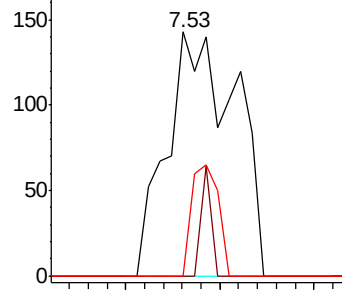
#29
Tetrahydrofuran
Concen: 1.338 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006635.D
Acq: 05 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampled :
DL-08A

Tgt Ion: 42 Resp: 361
Ion Ratio Lower Upper
42 100
72 6.4 39.2 58.8#
71 17.7 37.6 56.4#

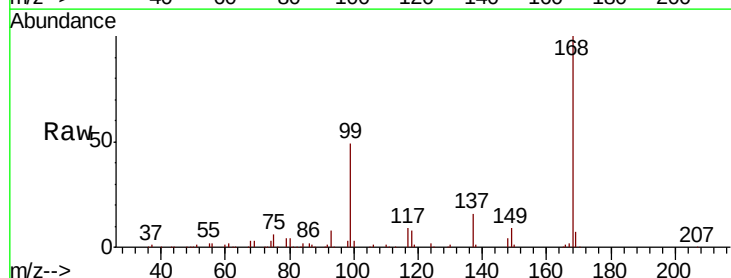


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

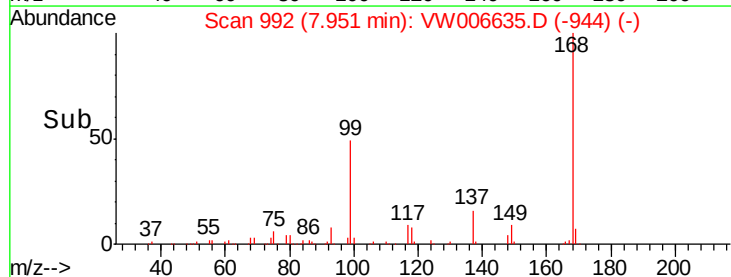
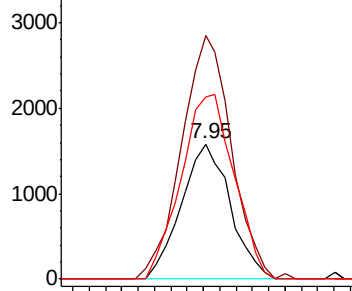


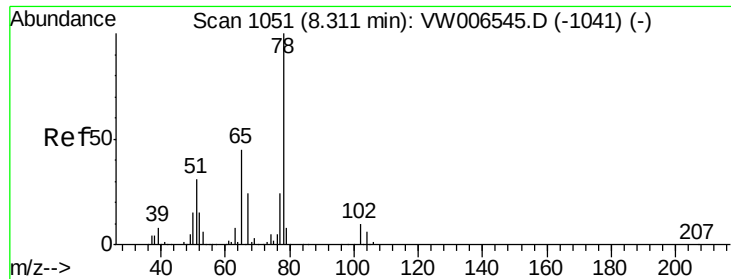
#31
Cyclohexane
Concen: 1.114 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006635.D
Acq: 05 Nov 2018 14:49

Tgt Ion: 56 Resp: 3302
Ion Ratio Lower Upper
56 100
69 180.5 29.0 43.4#
84 134.7 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

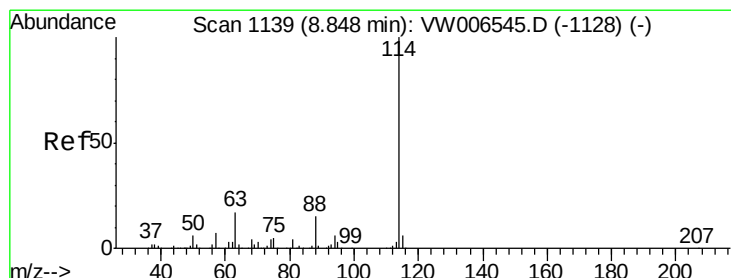
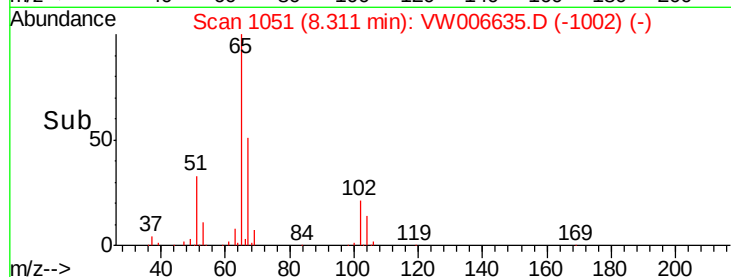
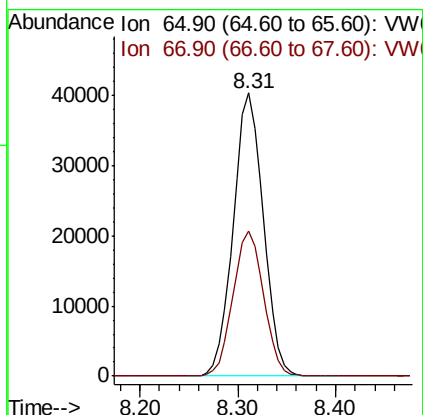
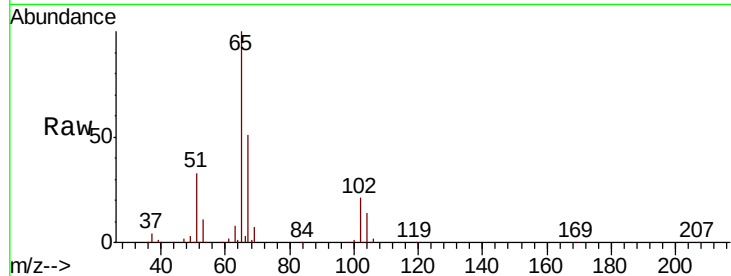




#33
 1,2-Dichloroethane-d4
 Concen: 46.372 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006635.D
 Acq: 05 Nov 2018 14:49

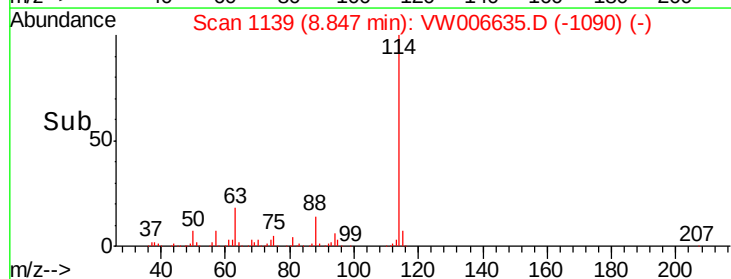
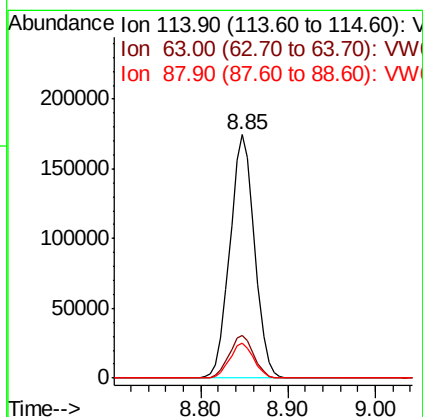
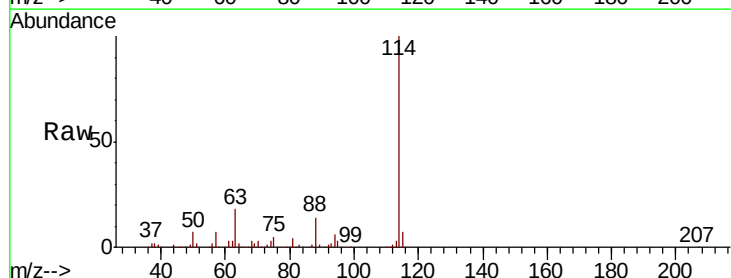
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-08A

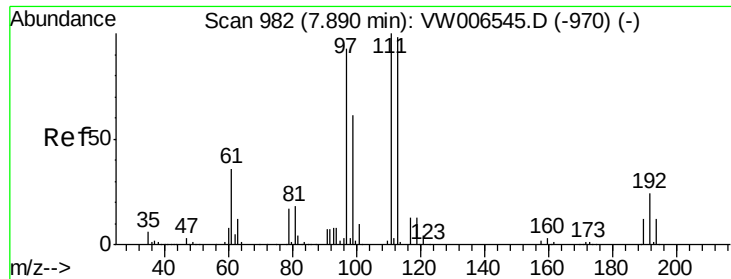
Tgt Ion: 65 Resp: 86329
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006635.D
 Acq: 05 Nov 2018 14:49

Tgt Ion: 114 Resp: 341844
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.4
 88 14.4 0.0 29.0

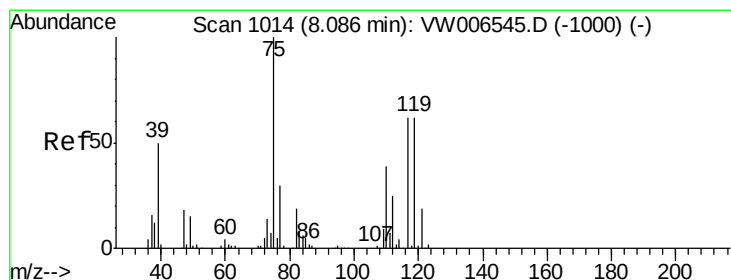
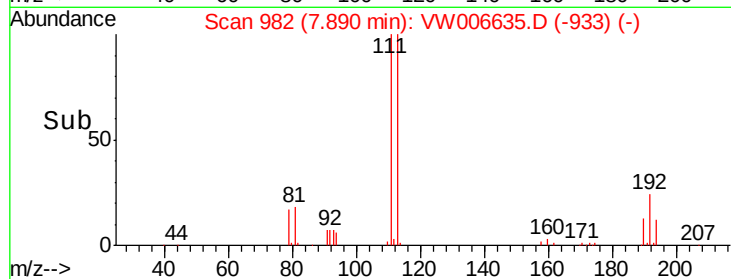
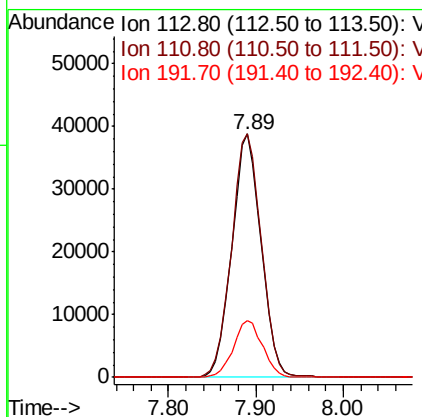
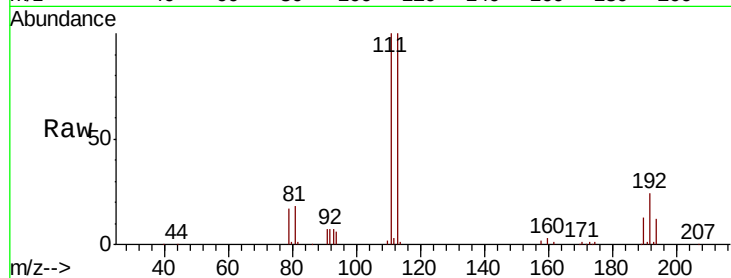




#35
 Dibromofluoromethane
 Concen: 41.815 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006635.D
 Acq: 05 Nov 2018 14:49

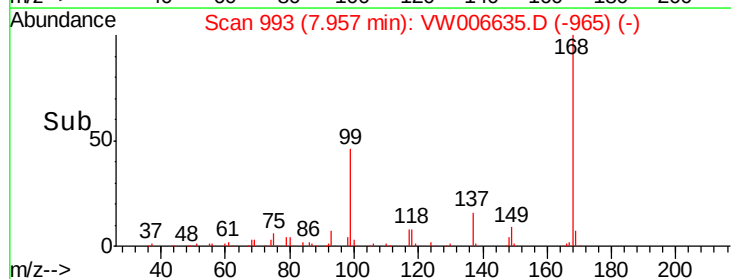
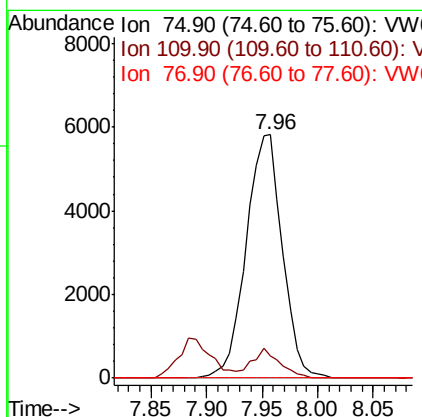
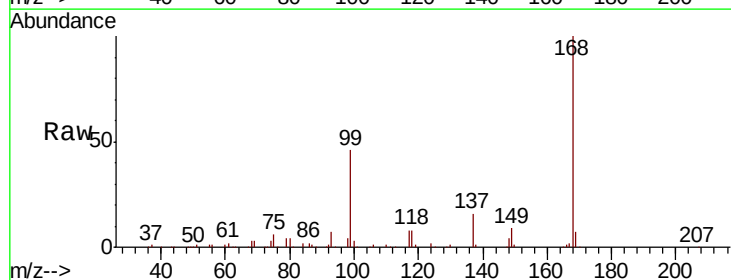
Instrument :
 MSVOA_W
 ClientSampleID :
 DL-08A

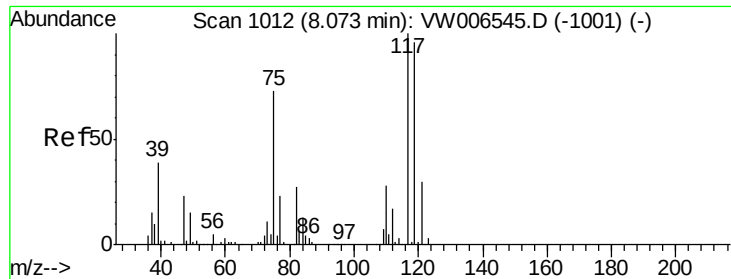
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.2
192	23.5	19.0	28.6



#36
 1,1-Dichloropropene
 Concen: 4.378 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW006635.D
 Acq: 05 Nov 2018 14:49

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

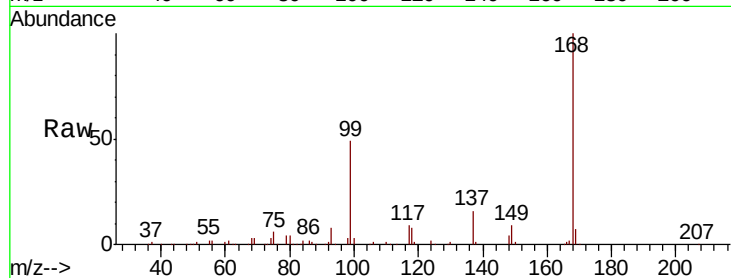




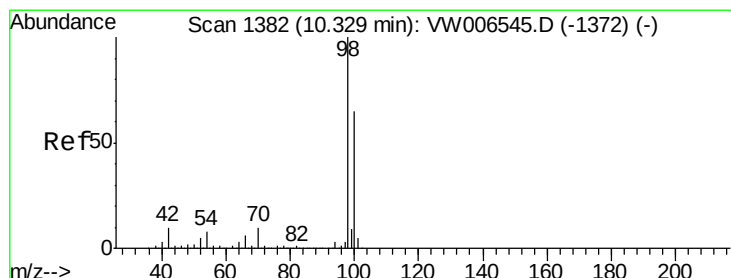
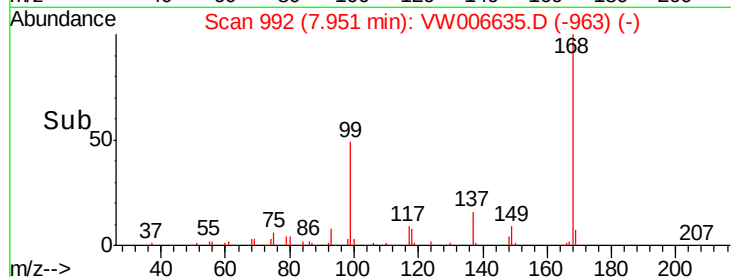
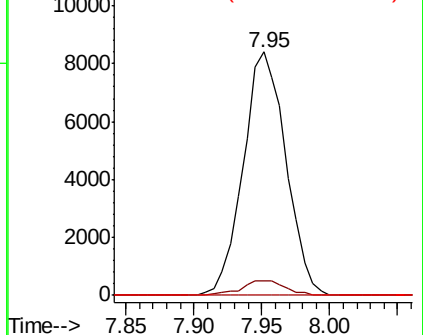
#38
Carbon Tetrachloride
Concen: 5.878 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006635.D
Acq: 05 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampled :
DL-08A

Tgt Ion:117 Resp: 18465
Ion Ratio Lower Upper
117 100
119 5.9 76.3 114.5#
121 0.0 24.1 36.1#

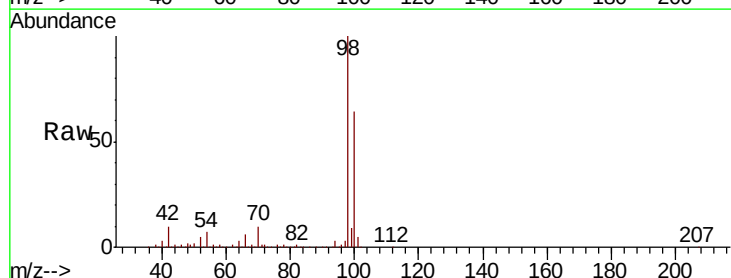


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

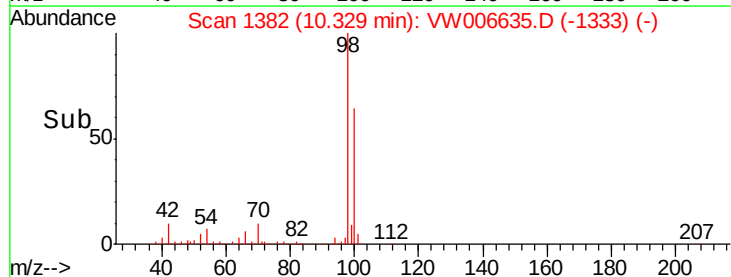
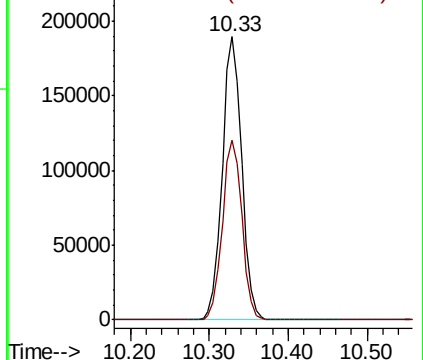


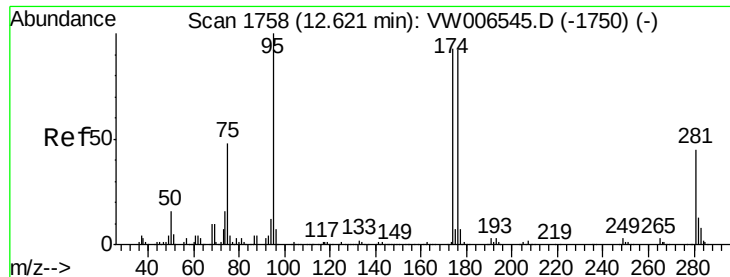
#50
Toluene-d8
Concen: 39.677 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006635.D
Acq: 05 Nov 2018 14:49

Tgt Ion: 98 Resp: 324043
Ion Ratio Lower Upper
98 100
100 63.9 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: 37.498 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006635.D

Acq: 05 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

DL-08A

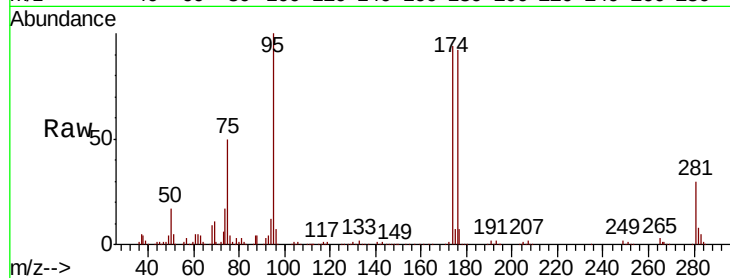
Tgt Ion: 95 Resp: 111024

Ion Ratio Lower Upper

95 100

174 98.7 0.0 192.4

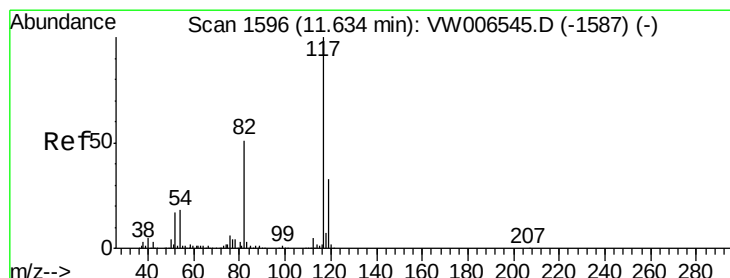
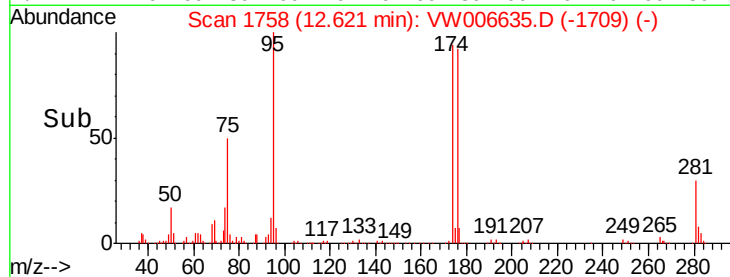
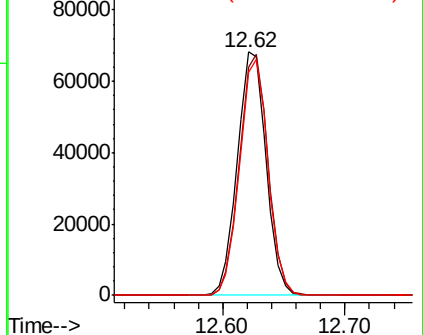
176 96.3 0.0 187.4



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: 11.64 min Scan# 1597

Delta R.T. 0.01 min

Lab File: VW006635.D

Acq: 05 Nov 2018 14:49

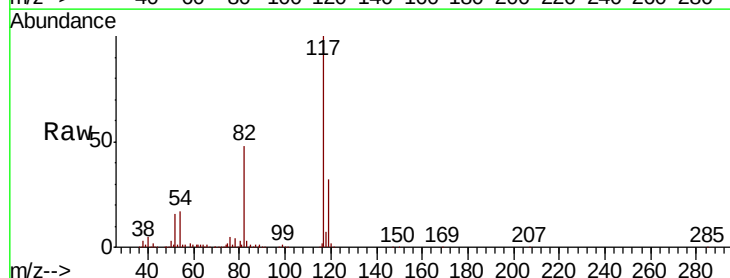
Tgt Ion: 117 Resp: 314222

Ion Ratio Lower Upper

117 100

82 48.4 40.8 61.2

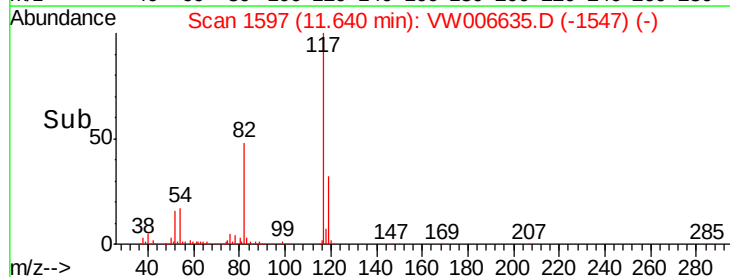
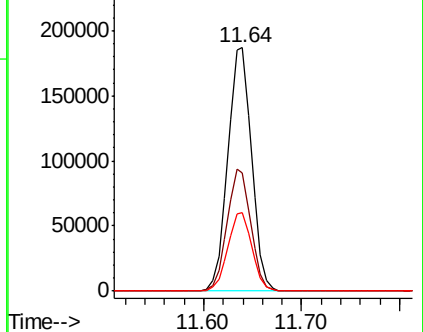
119 32.0 26.1 39.1

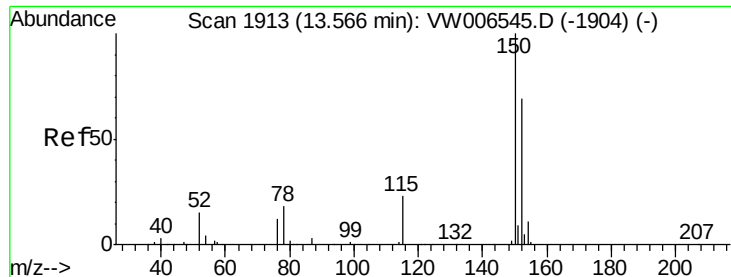


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW006635.D

Acq: 05 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampled :

DL-08A

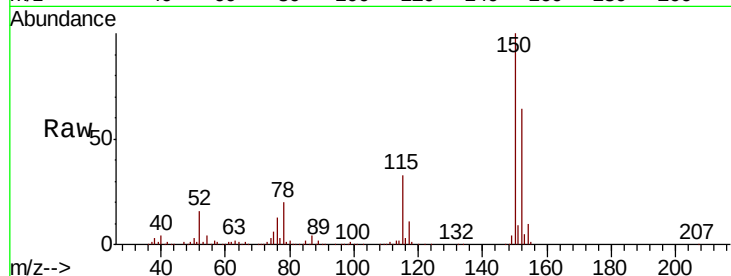
Tgt Ion:152 Resp: 166211

Ion Ratio Lower Upper

152 100

115 53.8 26.6 79.8

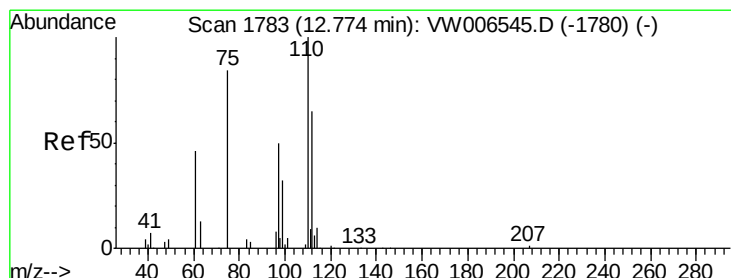
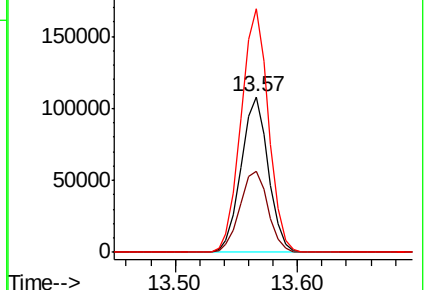
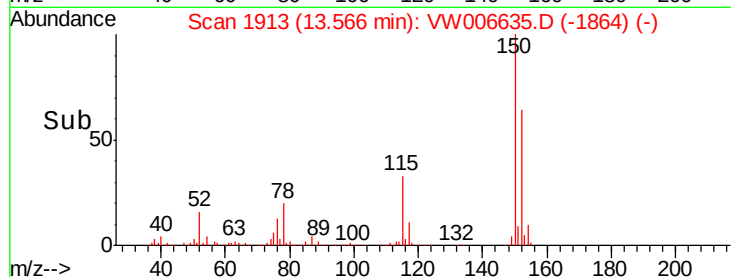
150 157.5 0.0 344.6



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: 42.381 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006635.D

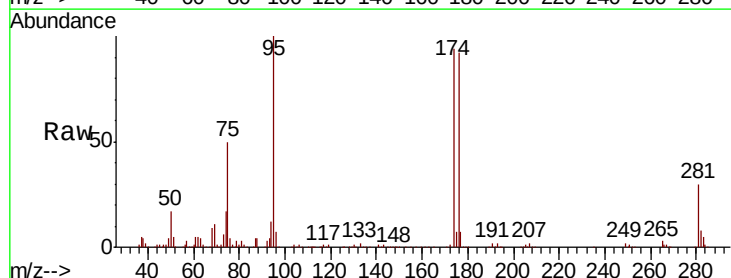
Acq: 05 Nov 2018 14:49

Tgt Ion: 75 Resp: 54961

Ion Ratio Lower Upper

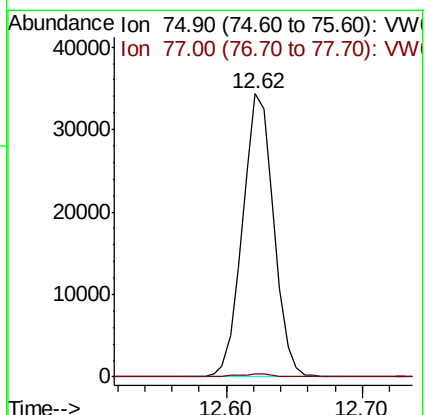
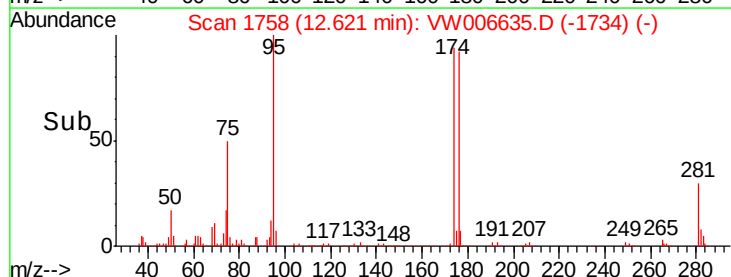
75 100

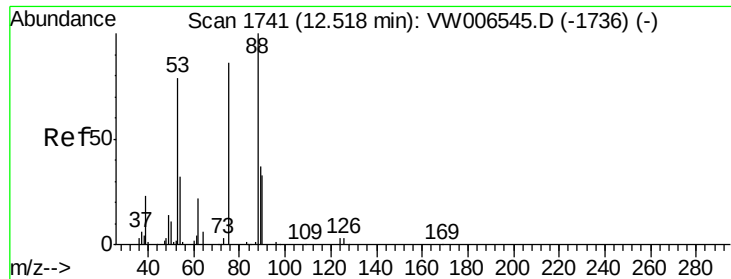
77 1.3 0.0 0.0#



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: 106.575 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006635.D

Acq: 05 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

DL-08A

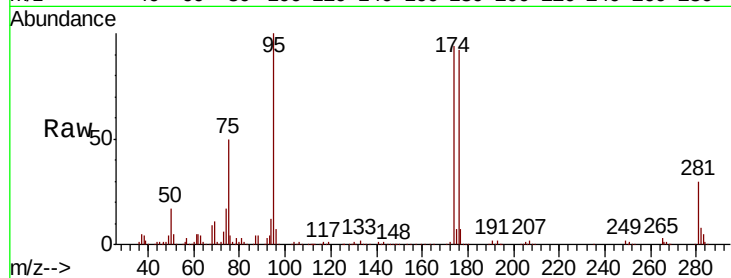
Tgt Ion: 75 Resp: 54961

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

