

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102918\
 Data File : VW006436.D
 Acq On : 27 Oct 2018 06:59
 Operator : SY/AP
 Sample : J5636-04RE
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HP-GRID-DRE

Quant Time: Oct 29 04:04:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	177009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	245976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	138480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	31043	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	86660	59.05	ug/l	0.00
Spiked Amount			Recovery	=	118.10%	
35) Dibromofluoromethane	7.88	113	91913	63.24	ug/l	0.00
Spiked Amount			Recovery	=	126.48%	
50) Toluene-d8	10.33	98	261347	47.26	ug/l	0.00
Spiked Amount			Recovery	=	94.52%	
62) 4-Bromofluorobenzene	12.62	95	46148	22.22	ug/l	0.00
Spiked Amount			Recovery	=	44.44%	

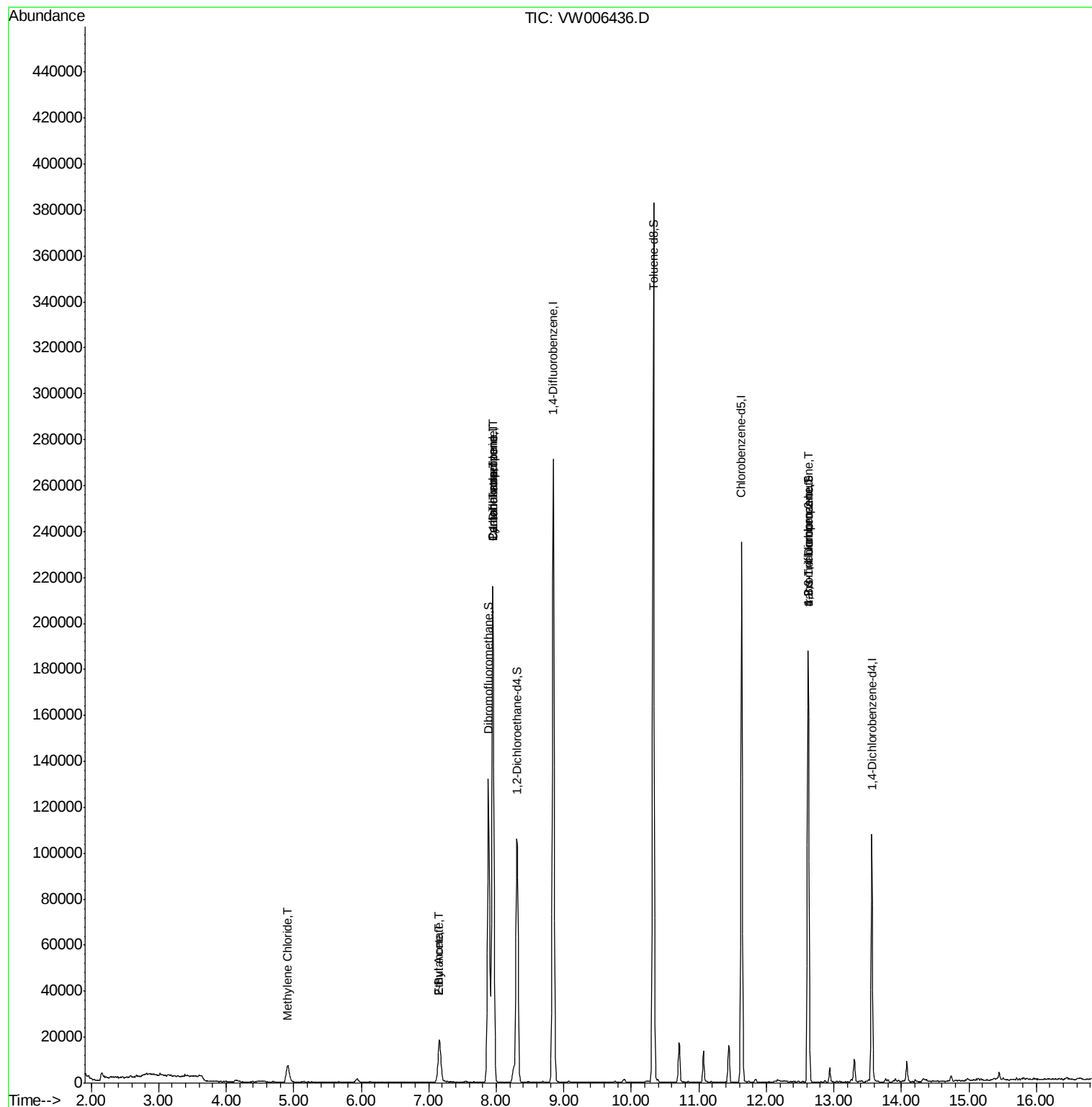
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	1713	Below Cal	#	83
20) Methylene Chloride	4.91	84	6617	2.722	ug/l	96
25) 2-Butanone	7.15	43	1121	2.828	ug/l #	46
31) Cyclohexane	7.95	56	3308	1.232	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	11245	4.960	ug/l #	48
37) Ethyl Acetate	7.15	43	1121	1.331	ug/l #	68
38) Carbon Tetrachloride	7.95	117	15634	6.290	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	22914	96.640	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	22914	231.007	ug/l #	10

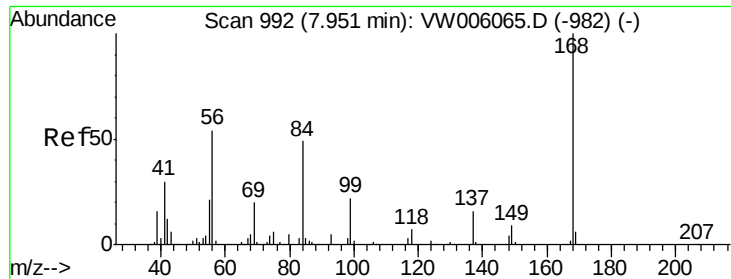
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102918\
Data File : VW006436.D
Acq On : 27 Oct 2018 06:59
Operator : SY/AP
Sample : J5636-04RE
Misc : 5.08G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-DRE

Quant Time: Oct 29 04:04:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 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: VW006436.D

Acq: 27 Oct 2018 06:59

Instrument :

MSVOA_W

ClientSampleId :

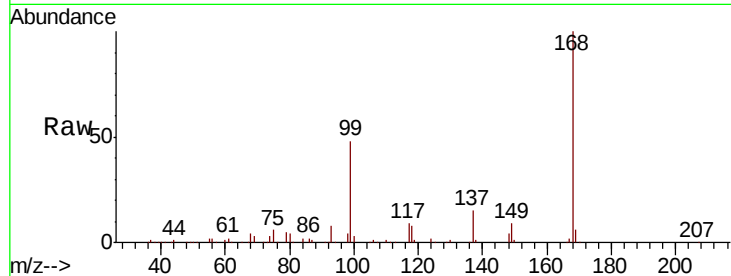
HP-GRID-DRE

Tot Ion:168 Resp: 177009

Ion Ratio Lower Upper

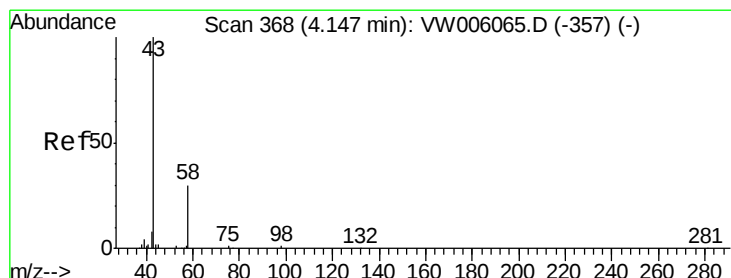
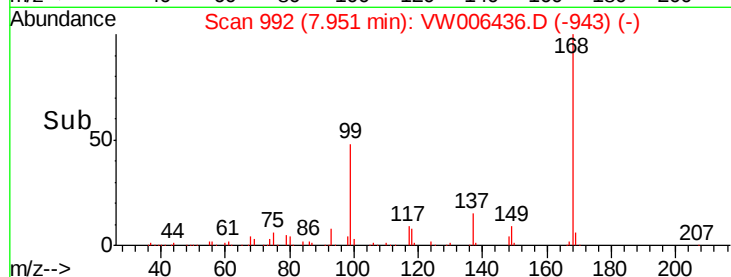
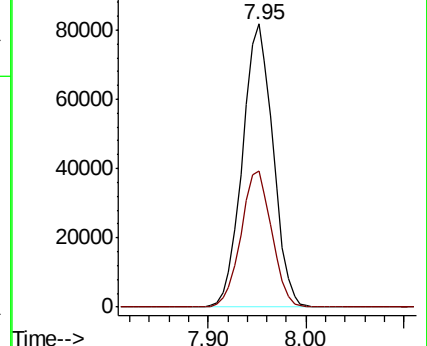
168 100

99 47.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006436.D

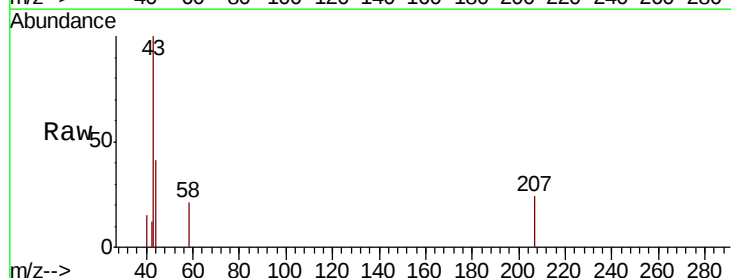
Acq: 27 Oct 2018 06:59

Tgt Ion: 43 Resp: 1713

Ion Ratio Lower Upper

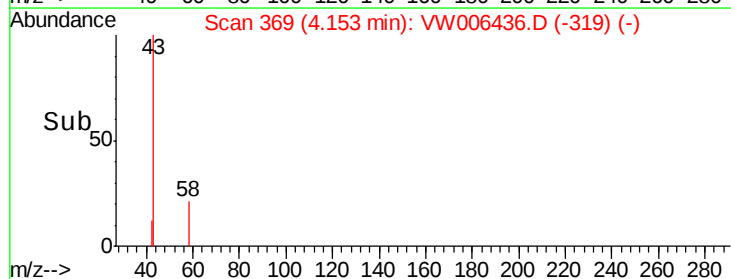
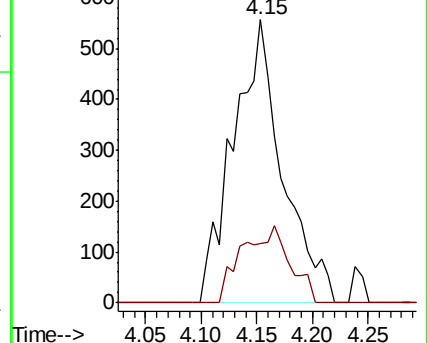
43 100

58 20.8 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

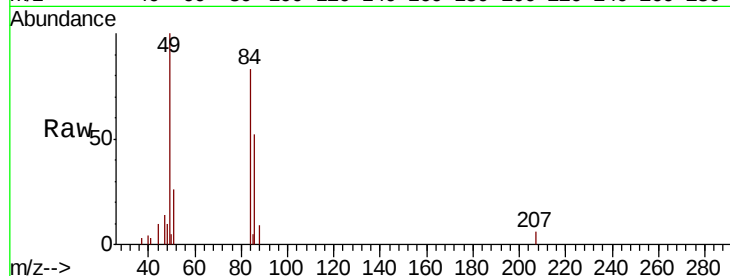




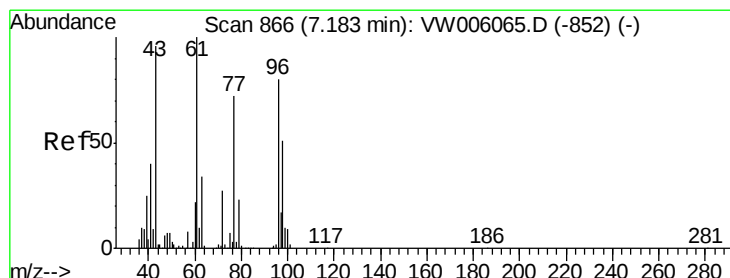
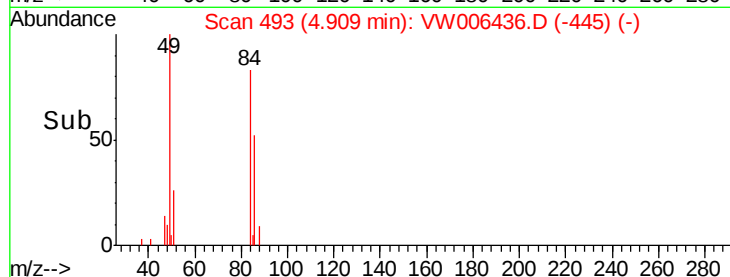
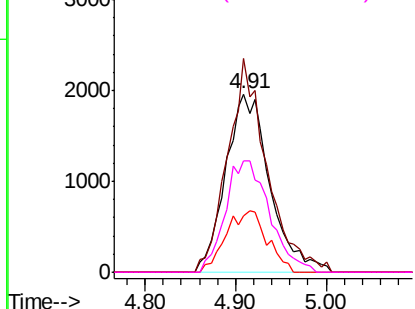
#20
Methvlene Chloride
Concen: 2.722 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006436.D
Acq: 27 Oct 2018 06:59

Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-DRE

Tot Ion:	84	Resp:	6617
Ion	Ratio	Lower	Upper
84	100		
49	120.0	93.6	140.4
51	31.5	29.0	43.4
86	62.8	52.6	79.0

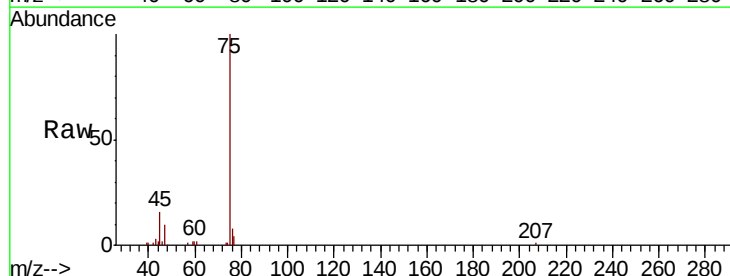


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

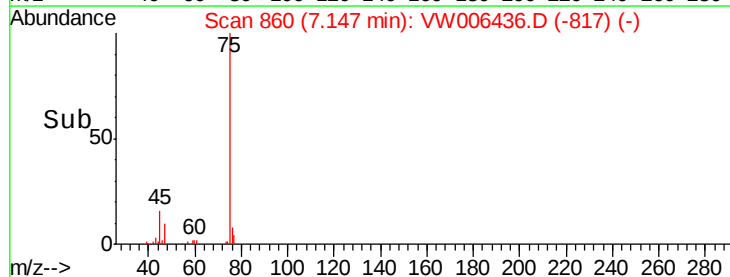
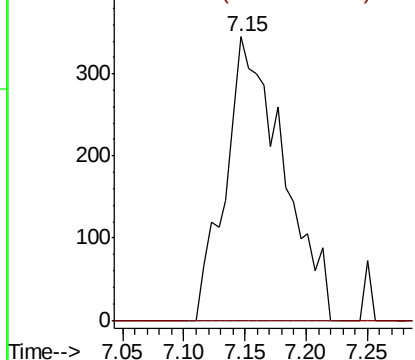


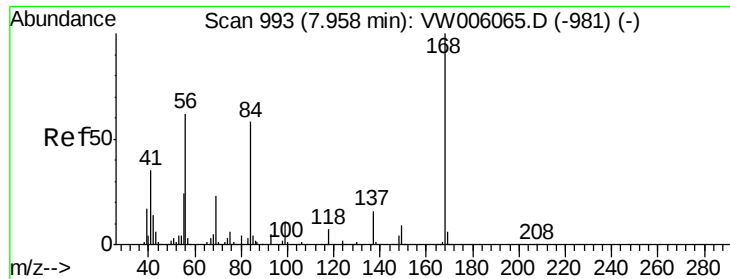
#25
2-Butanone
Concen: 2.828 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.04 min
Lab File: VW006436.D
Acq: 27 Oct 2018 06:59

Tgt Ion:	43	Resp:	1121
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.8	34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.232 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006436.D

Acq: 27 Oct 2018 06:59

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-DRE

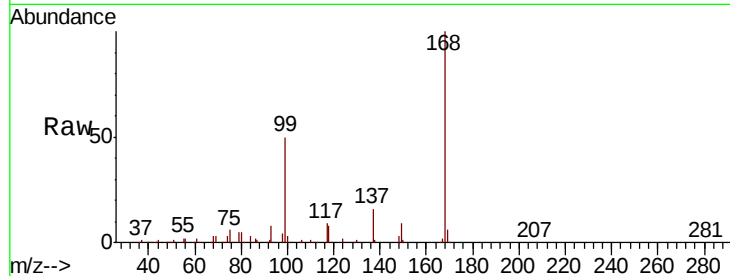
Tot Ion: 56 Resp: 3308

Ion Ratio Lower Upper

56 100

69 155.3 29.4 44.0#

84 163.4 74.0 111.0#

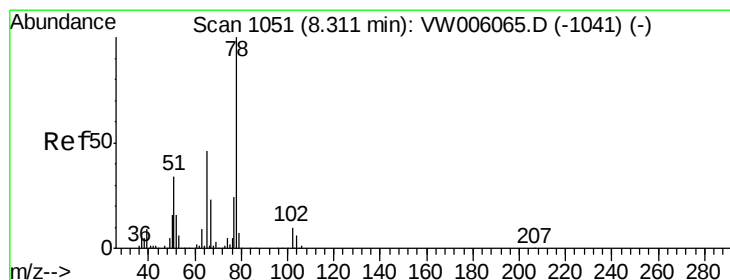
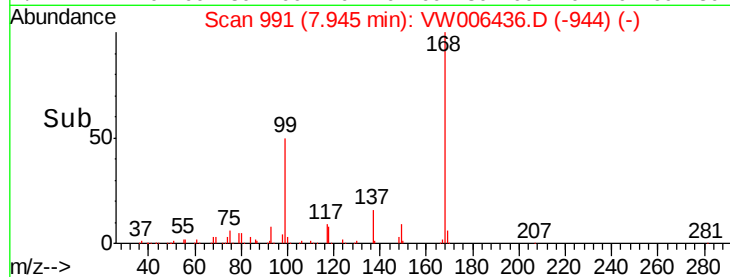
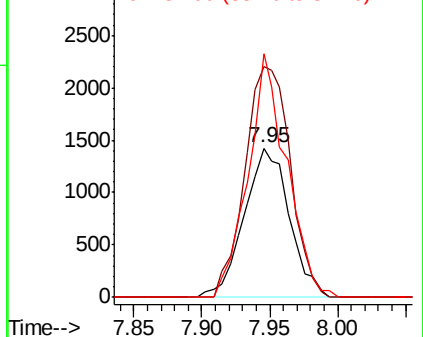


Abundance

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: 59.053 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006436.D

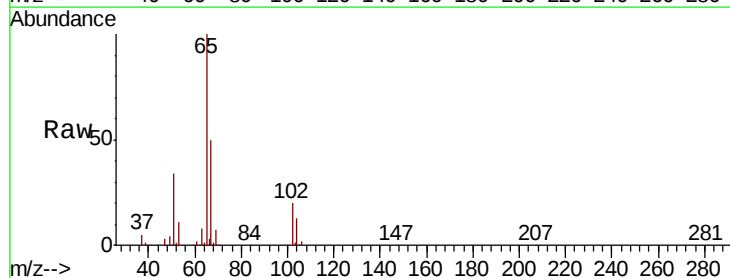
Acq: 27 Oct 2018 06:59

Tgt Ion: 65 Resp: 86660

Ion Ratio Lower Upper

65 100

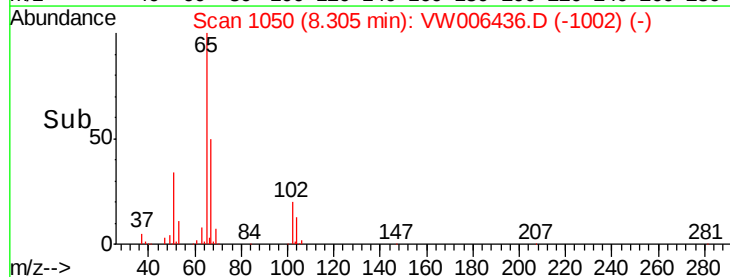
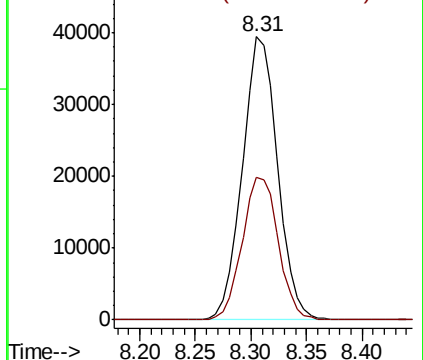
67 51.9 0.0 101.0

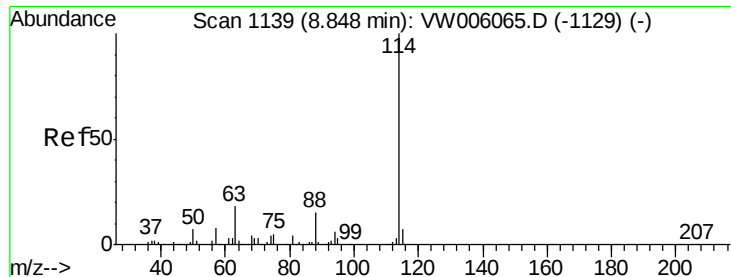


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

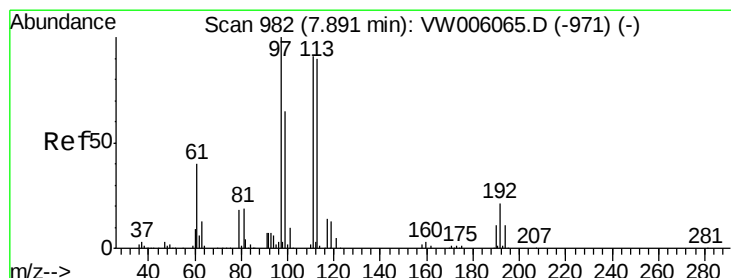
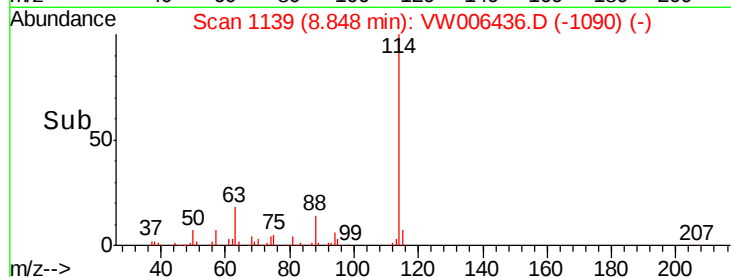
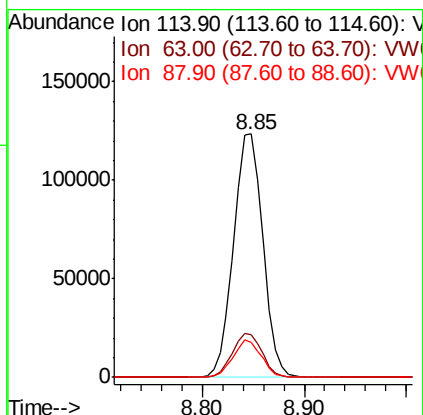
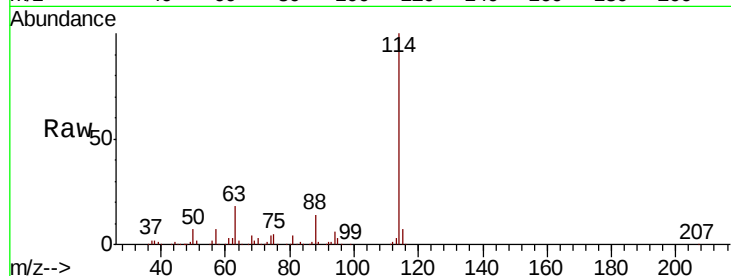




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW006436.D
Acq: 27 Oct 2018 06:59

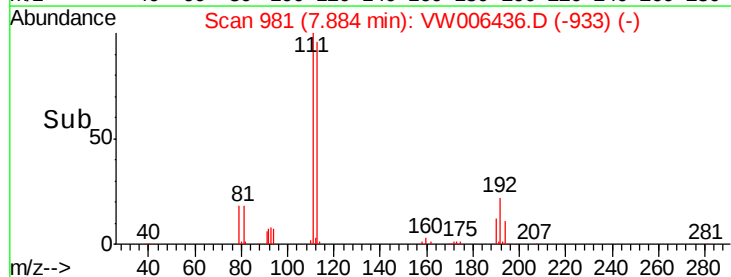
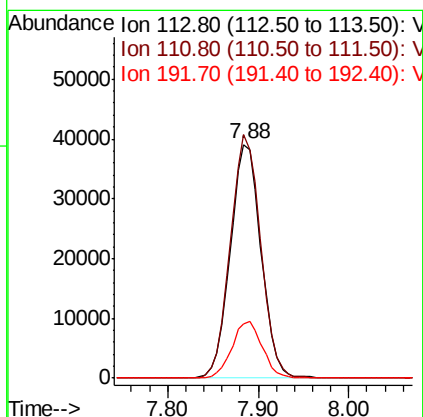
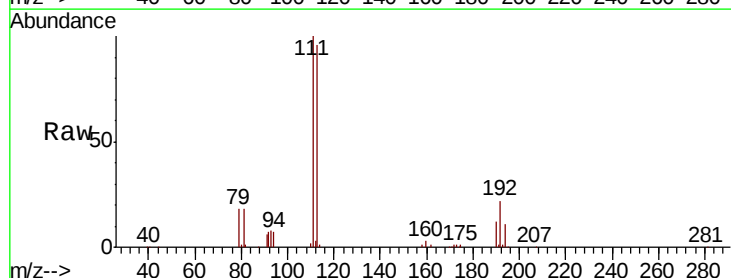
Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-DRE

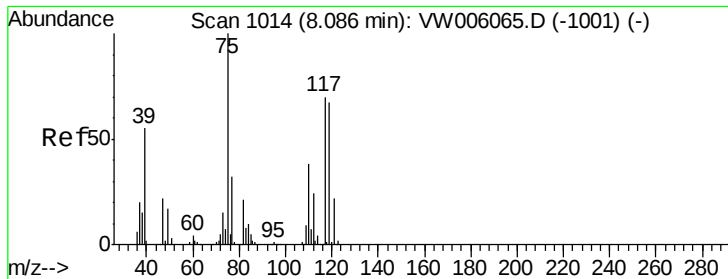
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	36.8
88	14.5	0.0	29.0



#35
Dibromofluoromethane
Concen: 63.237 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006436.D
Acq: 27 Oct 2018 06:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	23.8	18.7	28.1





#36

1,1-Dichloropropene

Concen: 4.960 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW006436.D

Acq: 27 Oct 2018 06:59

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-DRE

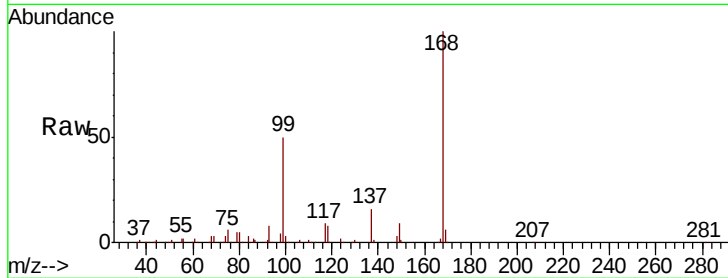
Tot Ion: 75 Resp: 11245

Ion Ratio Lower Upper

75 100

110 9.2 19.1 57.1#

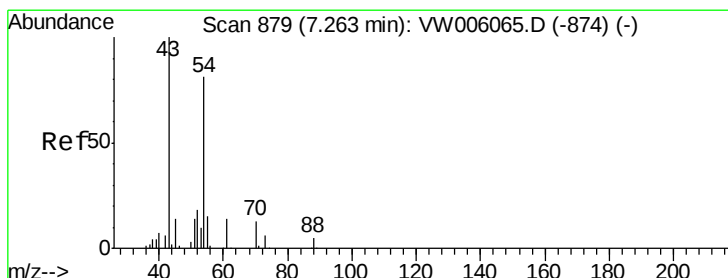
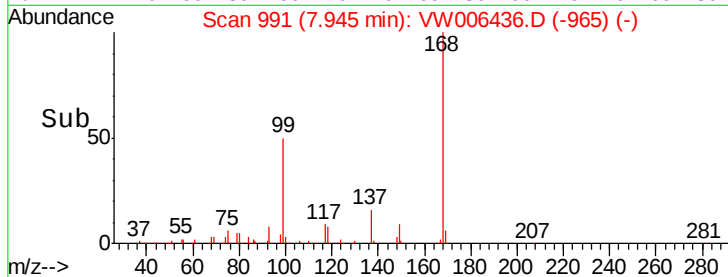
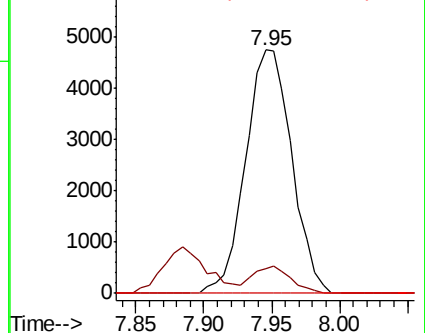
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#37

Ethyl Acetate

Concen: 1.331 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.12 min

Lab File: VW006436.D

Acq: 27 Oct 2018 06:59

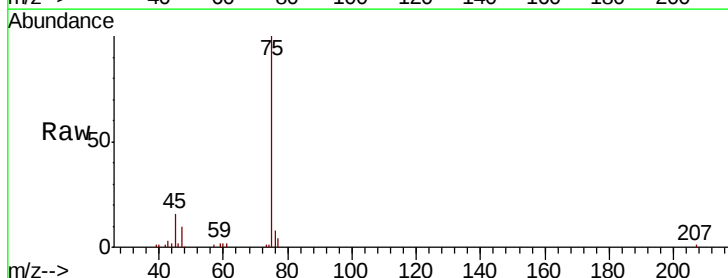
Tgt Ion: 43 Resp: 1121

Ion Ratio Lower Upper

43 100

61 28.4 11.5 17.3#

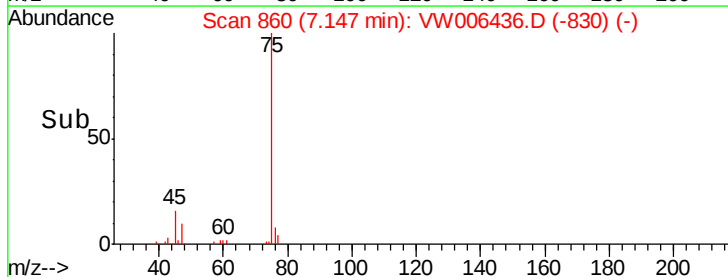
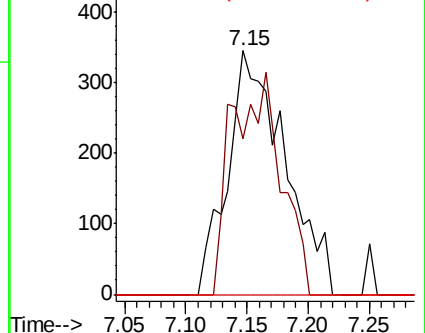
70 0.0 9.2 13.8#

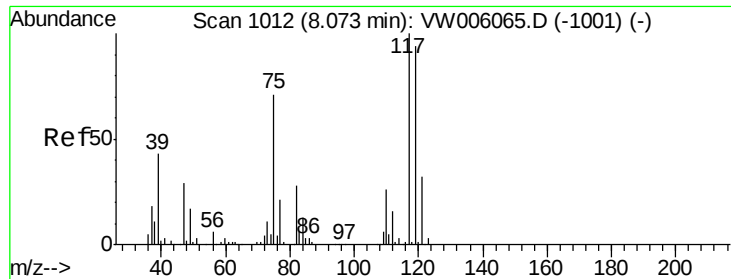


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW

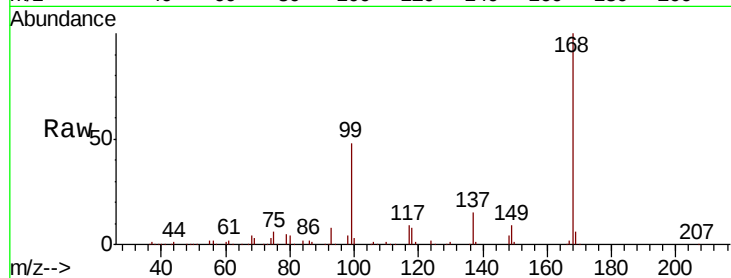




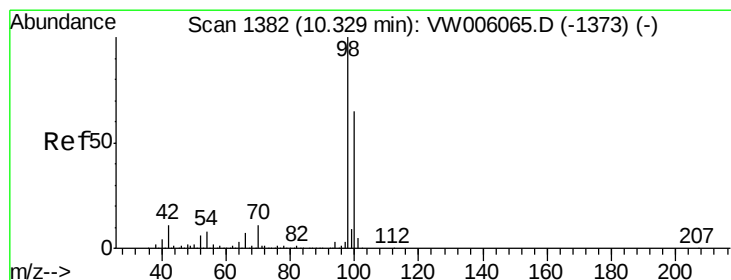
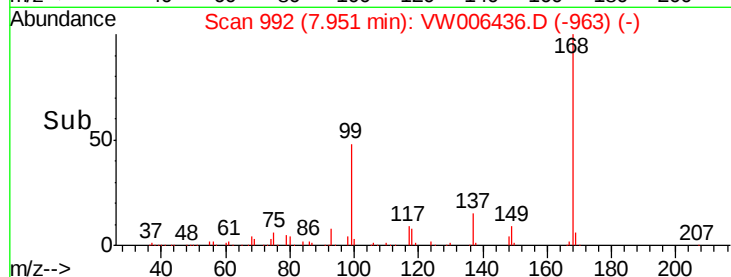
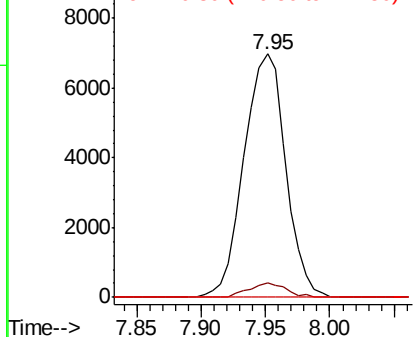
#38
Carbon Tetrachloride
Concen: 6.290 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006436.D
Acq: 27 Oct 2018 06:59

Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-DRE

Tot Ion:117 Resp: 15634
Ion Ratio Lower Upper
117 100
119 6.1 75.2 112.8#
121 0.0 25.3 37.9#

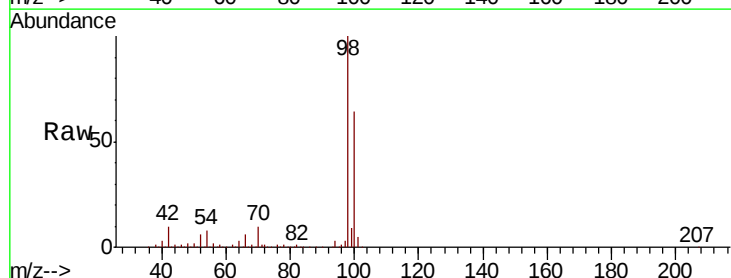


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

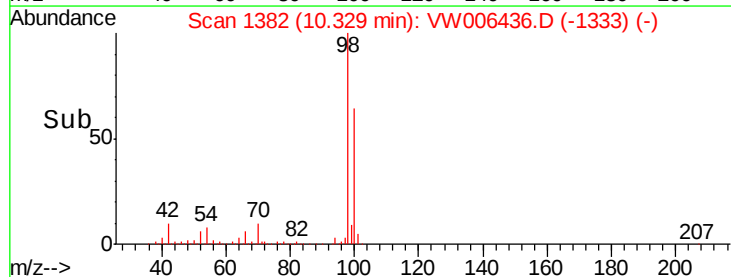
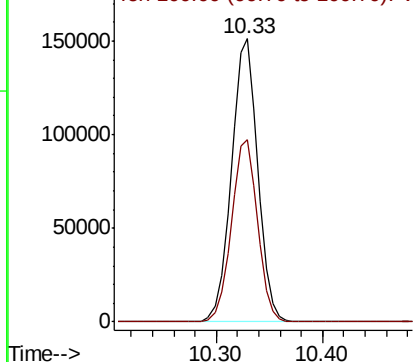


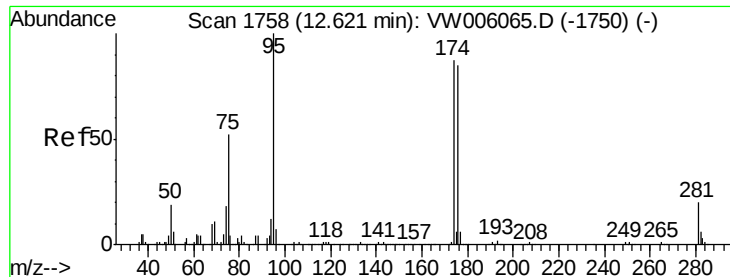
#50
Toluene-d8
Concen: 47.262 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006436.D
Acq: 27 Oct 2018 06:59

Tgt Ion: 98 Resp: 261347
Ion Ratio Lower Upper
98 100
100 64.2 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: 22.220 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006436.D

Acq: 27 Oct 2018 06:59

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-DRE

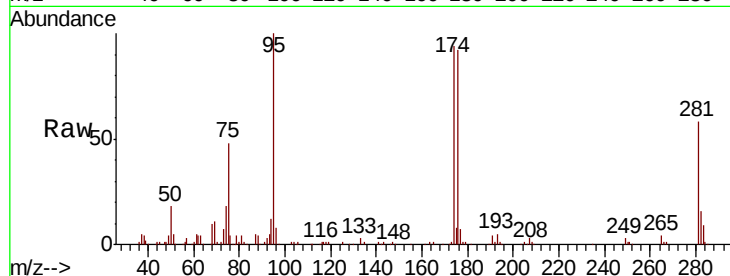
Tot Ion: 95 Resp: 46148

Ion Ratio Lower Upper

95 100

174 98.0 0.0 186.0

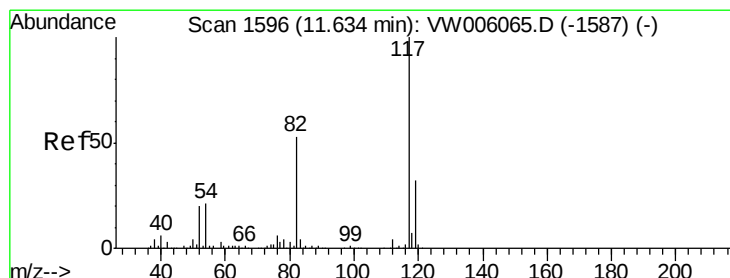
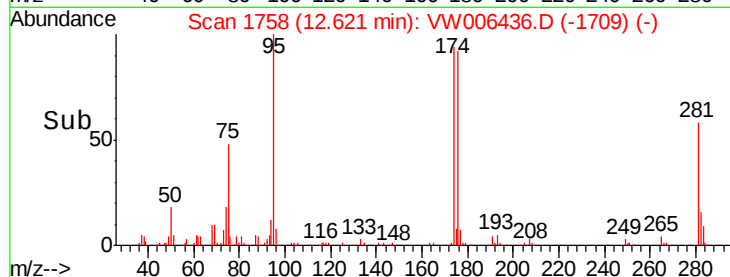
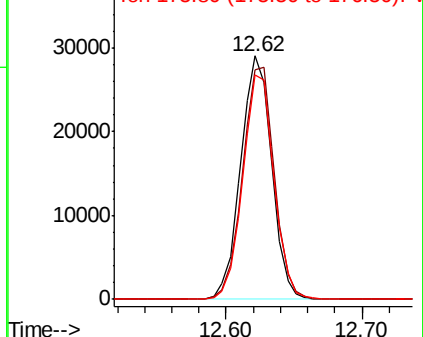
176 93.0 0.0 181.6



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: VW006436.D

Acq: 27 Oct 2018 06:59

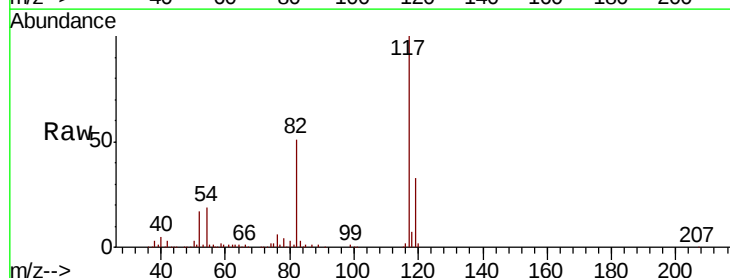
Tgt Ion: 117 Resp: 138480

Ion Ratio Lower Upper

117 100

82 50.7 42.1 63.1

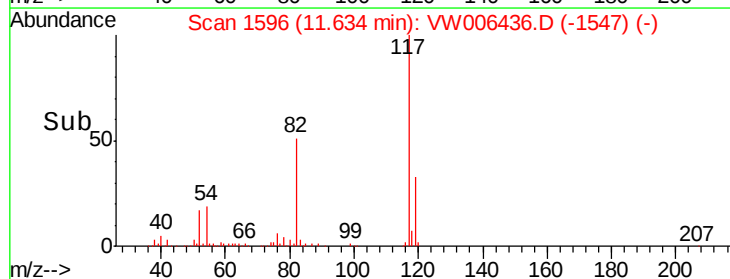
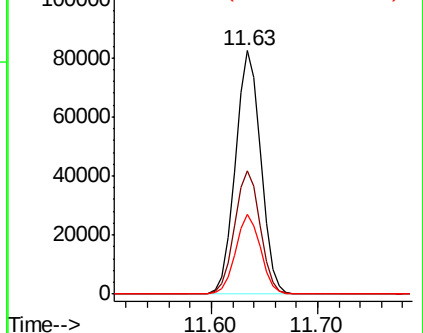
119 32.6 25.8 38.6

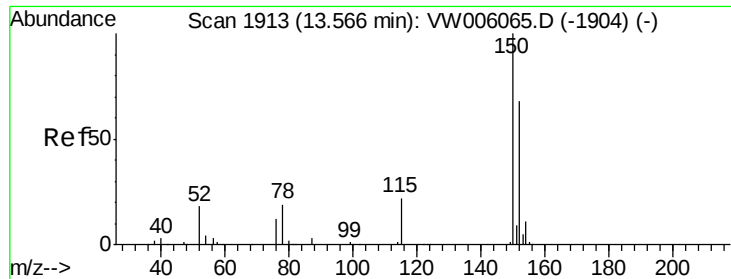


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW006436.D

Acq: 27 Oct 2018 06:59

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-DRE

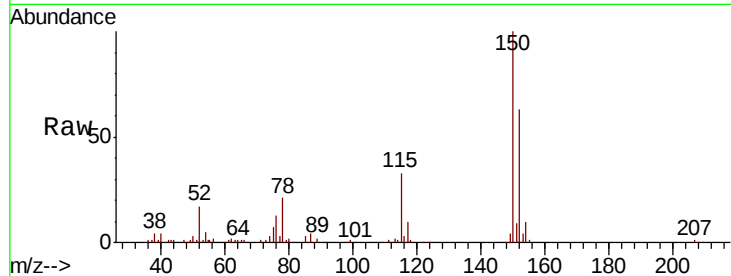
Tot Ion:152 Resp: 31043

Ion Ratio Lower Upper

152 100

115 53.6 27.8 83.3

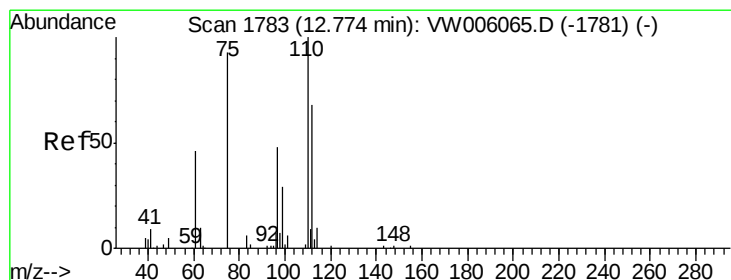
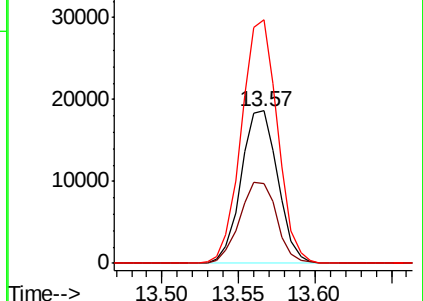
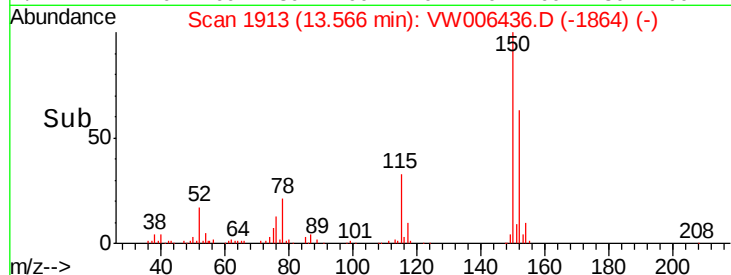
150 156.4 0.0 349.2



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: 96.640 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006436.D

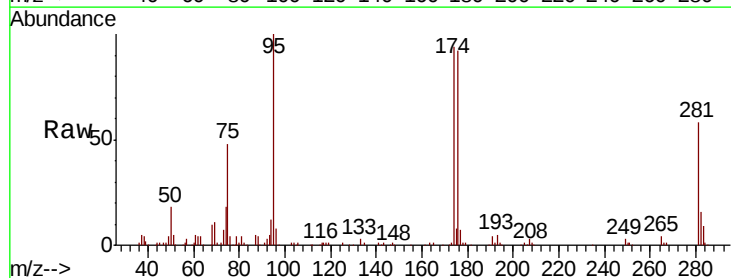
Acq: 27 Oct 2018 06:59

Tgt Ion: 75 Resp: 22914

Ion Ratio Lower Upper

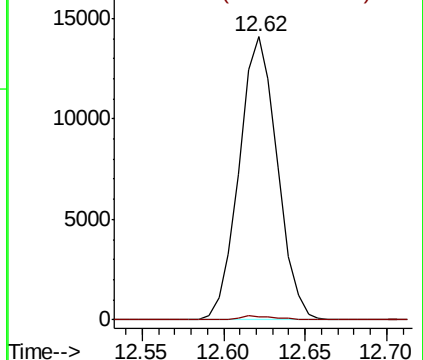
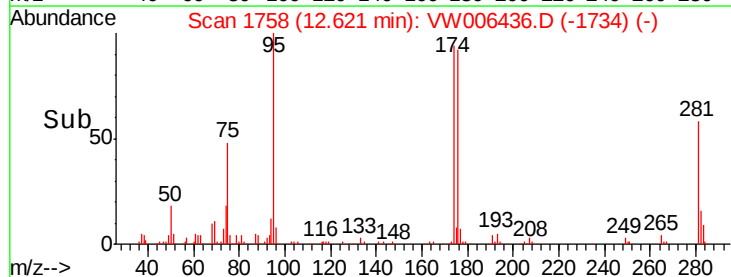
75 100

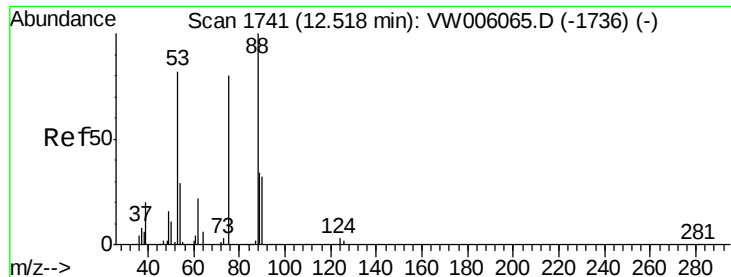
77 1.2 0.0 0.0#



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: 231.007 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006436.D

Acq: 27 Oct 2018 06:59

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-DRE

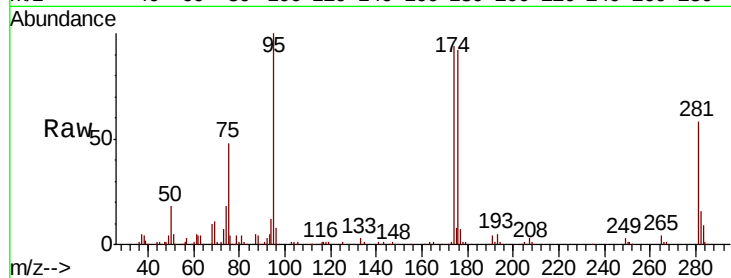
Tot Ion: 75 Resp: 22914

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.3 37.5 56.3#



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

