

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006516.D
 Acq On : 30 Oct 2018 21:28
 Operator : SY/AP
 Sample : J5649-09
 Misc : 4.21G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03B

Quant Time: Oct 31 03:52:07 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	208899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	323372	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	155371	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	105484	60.91	ug/l	0.00
Spiked Amount			Recovery	=	121.82%	
35) Dibromofluoromethane	7.89	113	111772	58.50	ug/l	0.00
Spiked Amount			Recovery	=	117.00%	
50) Toluene-d8	10.33	98	422061	58.06	ug/l	0.00
Spiked Amount			Recovery	=	116.12%	
62) 4-Bromofluorobenzene	12.62	95	145232	53.19	ug/l	0.00
Spiked Amount			Recovery	=	106.38%	

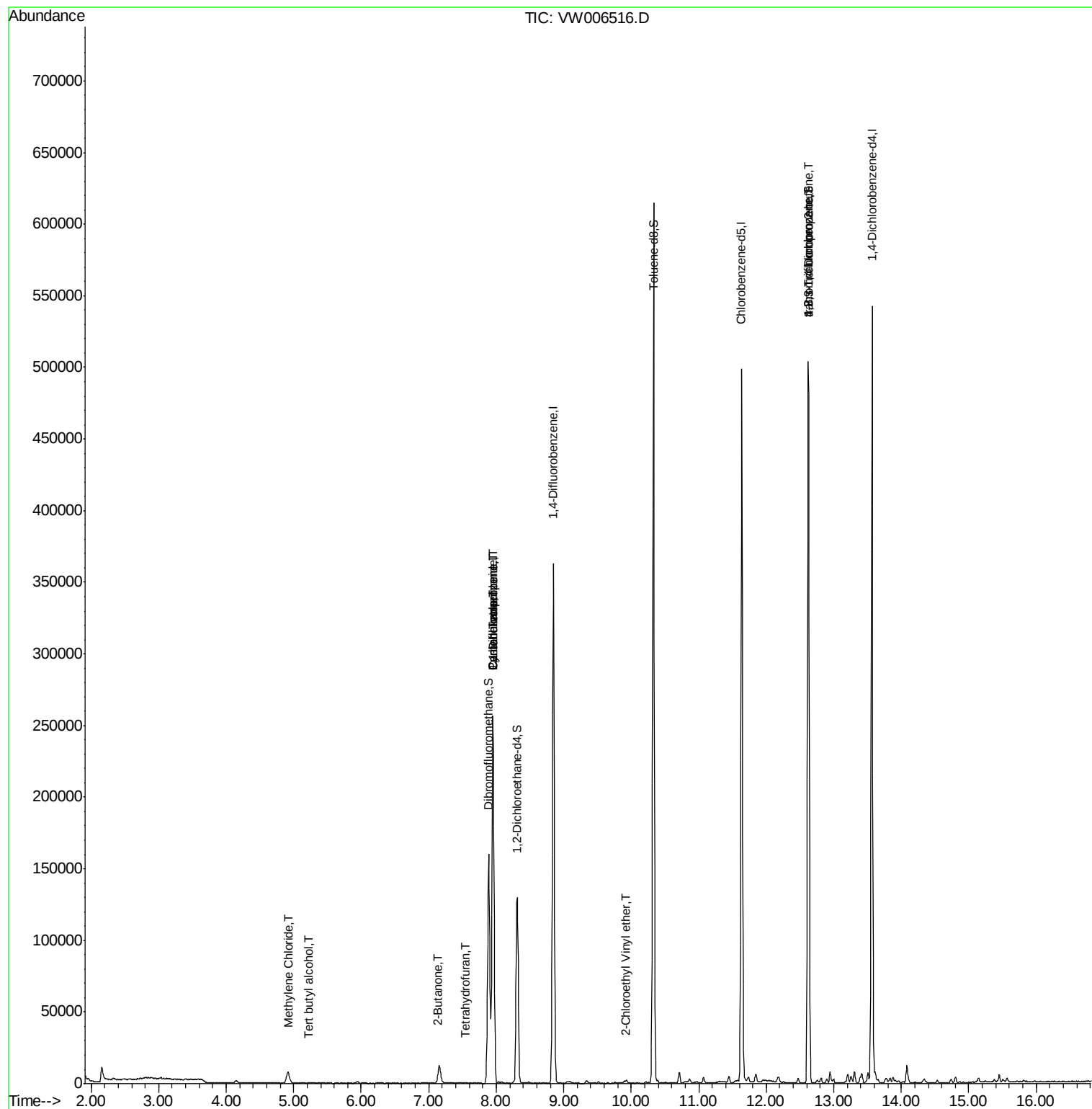
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.22	59	251	2.155	ug/l #	71
16) Acetone	4.14	43	3358	Below Cal	#	83
20) Methylene Chloride	4.92	84	6936	2.230	ug/l	89
25) 2-Butanone	7.13	43	515	1.101	ug/l #	46
29) Tetrahydrofuran	7.55	42	375	1.304	ug/l #	57
31) Cyclohexane	7.95	56	3997	1.261	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	12641	4.241	ug/l #	47
38) Carbon Tetrachloride	7.95	117	18221	5.577	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.93	63	1151	1.575	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	72023	60.690	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72023	145.074	ug/l #	10

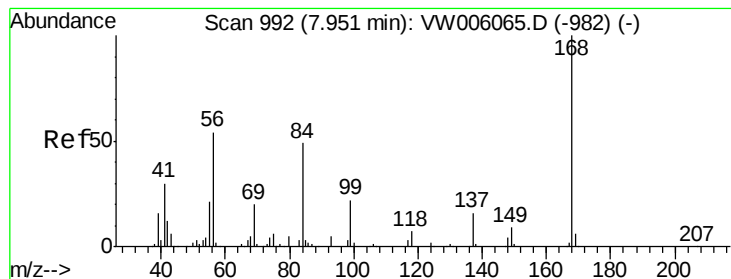
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW103118\
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Quant Time: Oct 31 03:52:07 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: VW006516.D

Acq: 30 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampled :

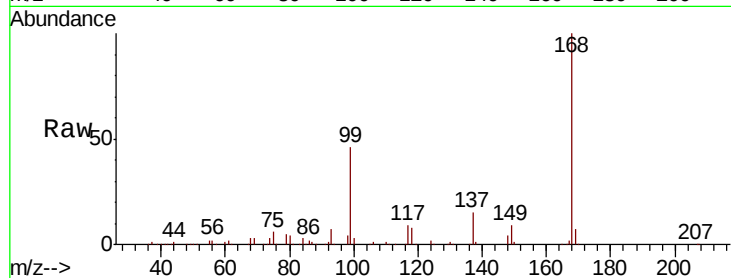
DL-03B

Tot Ion:168 Resp: 208899

Ion Ratio Lower Upper

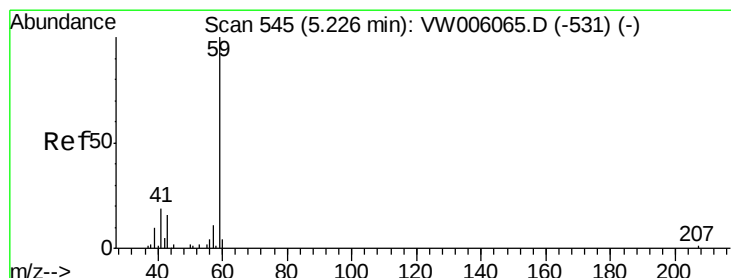
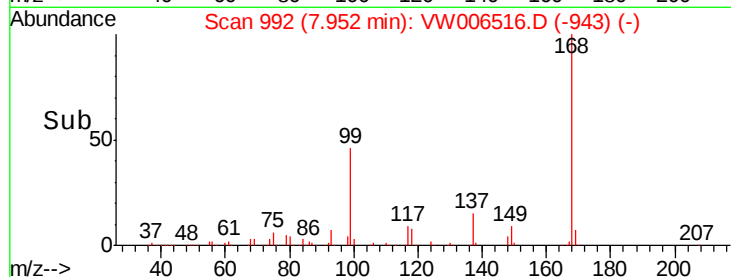
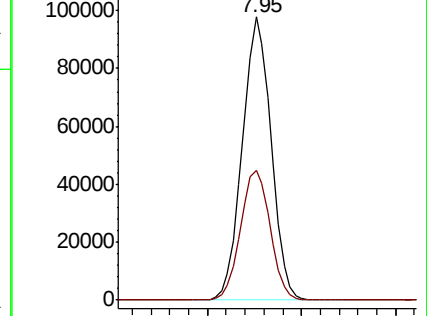
168 100

99 46.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.155 ug/l

RT: 5.22 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW006516.D

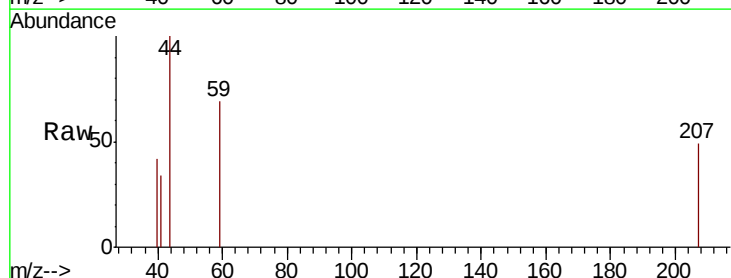
Acq: 30 Oct 2018 21:28

Tgt Ion: 59 Resp: 251

Ion Ratio Lower Upper

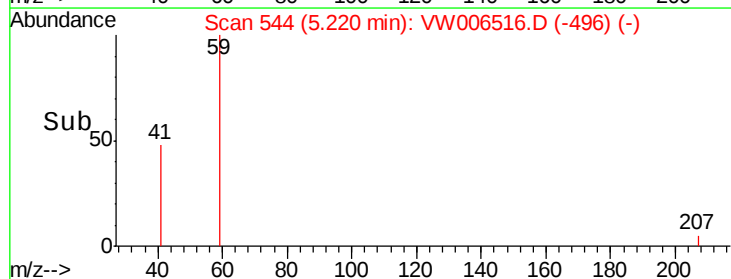
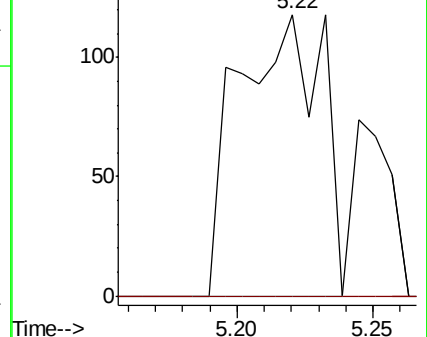
59 100

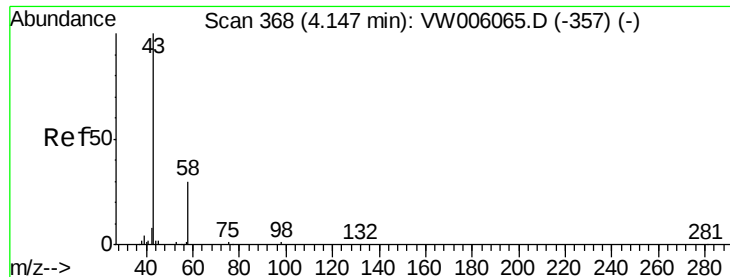
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006516.D

Acq: 30 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampled :

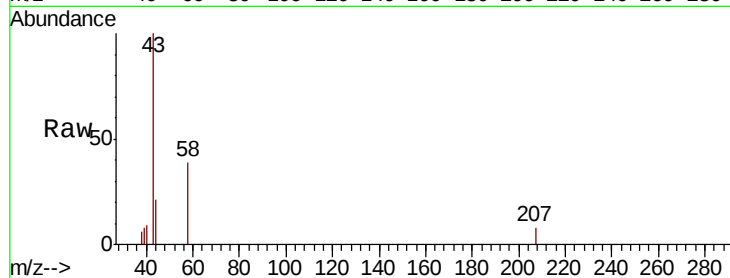
DL-03B

Tot Ion: 43 Resp: 3358

Ion Ratio Lower Upper

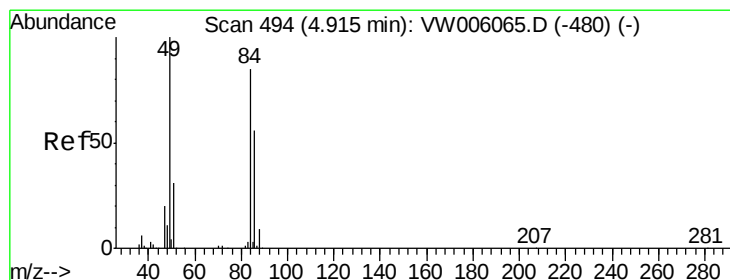
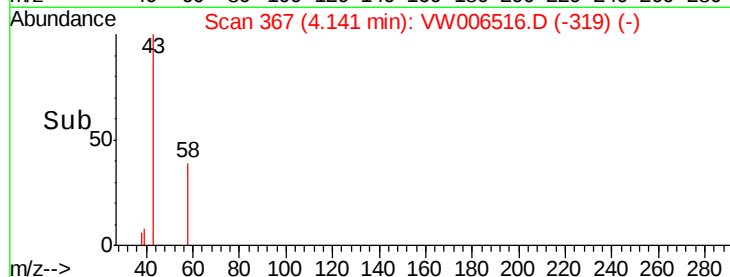
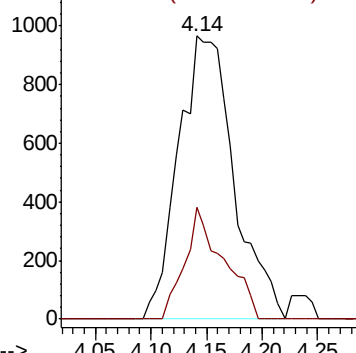
43 100

58 39.3 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 2.230 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006516.D

Acq: 30 Oct 2018 21:28

Tgt Ion: 84 Resp: 6936

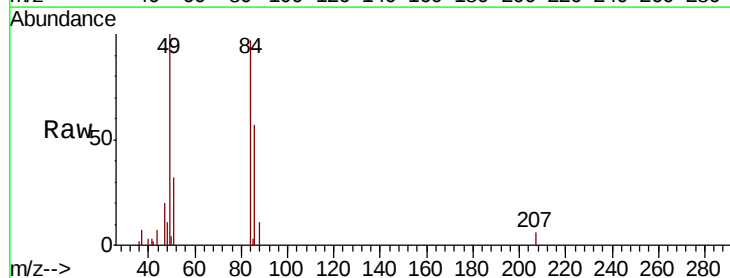
Ion Ratio Lower Upper

84 100

49 103.0 93.6 140.4

51 33.3 29.0 43.4

86 58.2 52.6 79.0

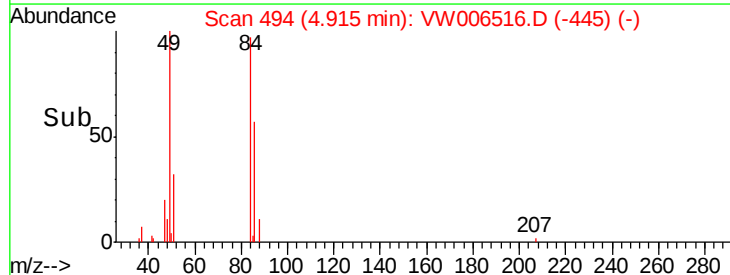
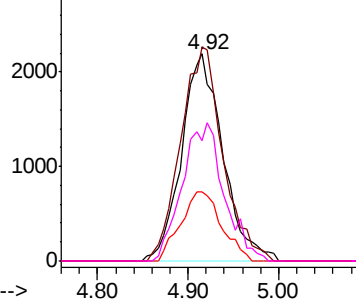


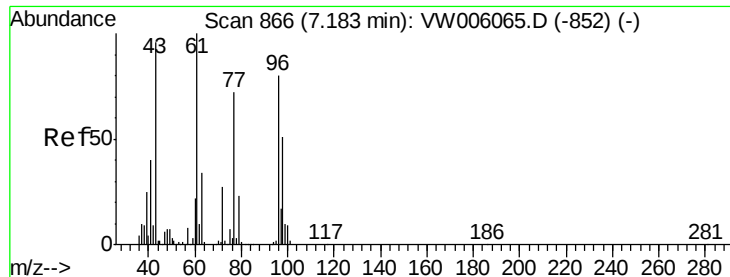
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.101 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.05 min

Lab File: VW006516.D

Acq: 30 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

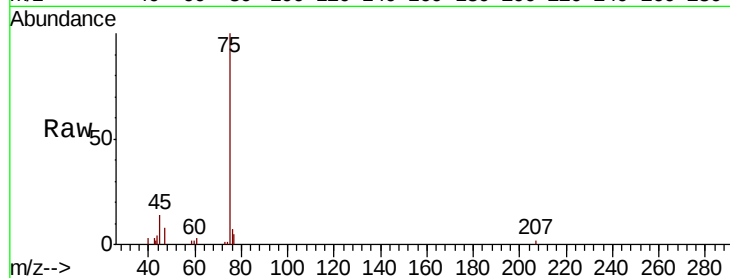
DL-03B

Tot Ion: 43 Resp: 515

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

7.13

250

200

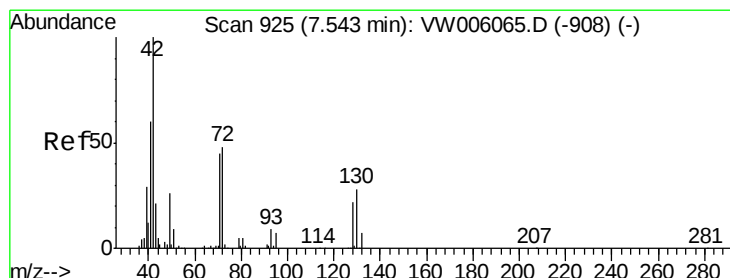
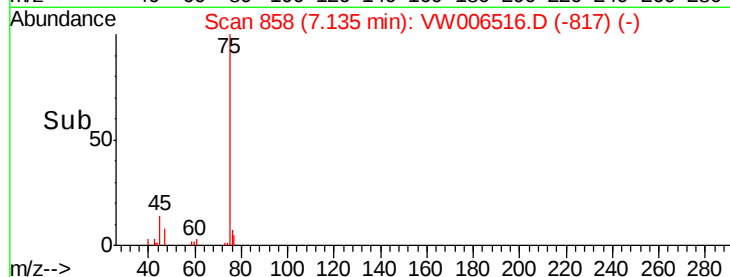
150

100

50

0

Time-->



#29

Tetrahydrofuran

Concen: 1.304 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW006516.D

Acq: 30 Oct 2018 21:28

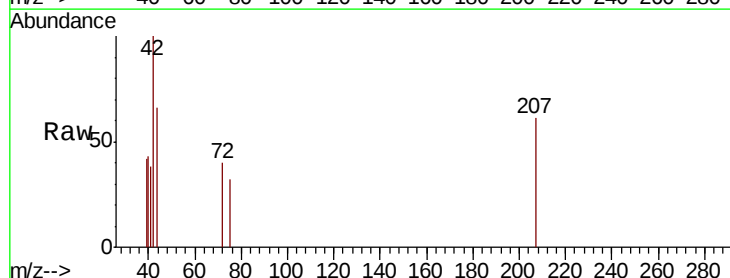
Tgt Ion: 42 Resp: 375

Ion Ratio Lower Upper

42 100

72 14.9 38.0 57.0#

71 20.3 35.3 52.9#



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

7.55

250

200

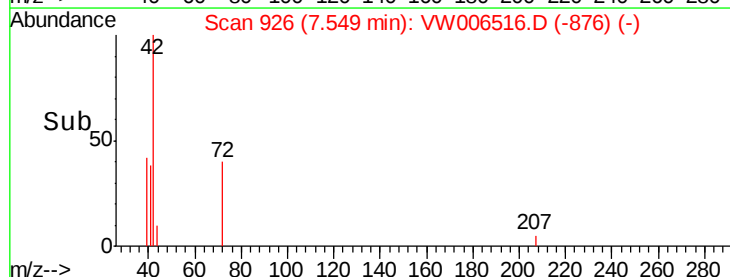
150

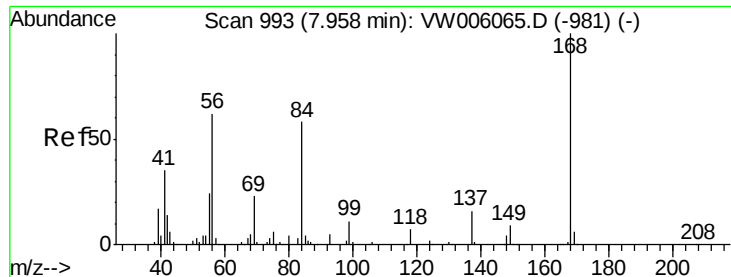
100

50

0

Time-->

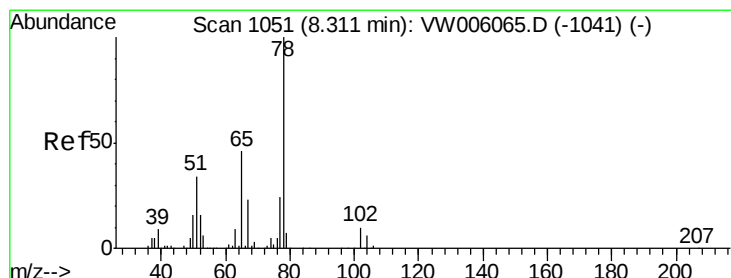
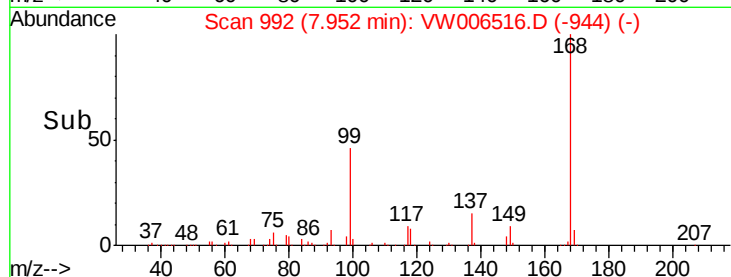
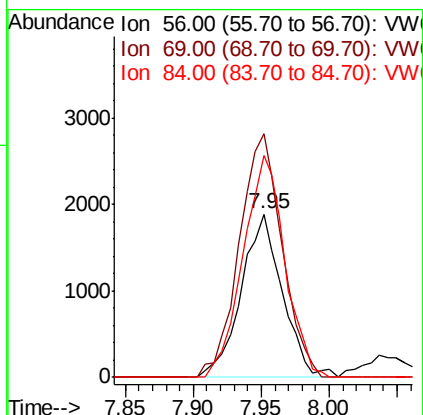
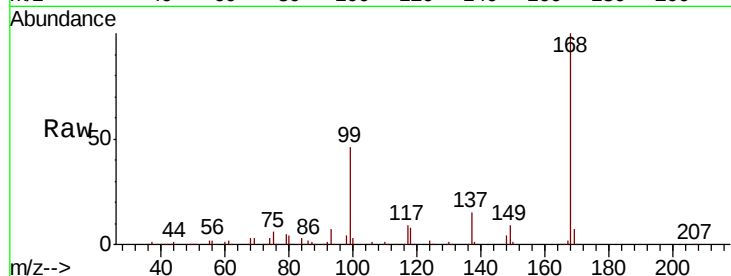




#31
Cyclohexane
Concen: 1.261 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006516.D
Acq: 30 Oct 2018 21:28

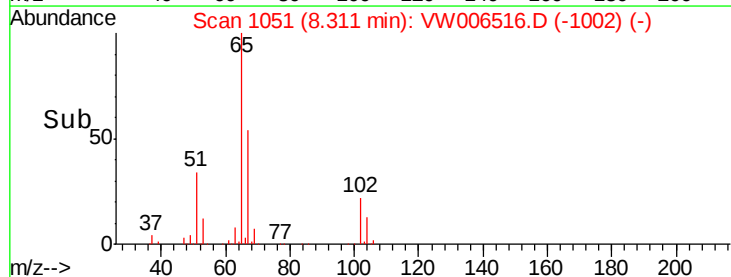
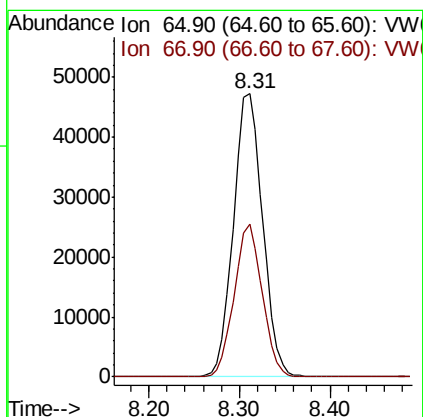
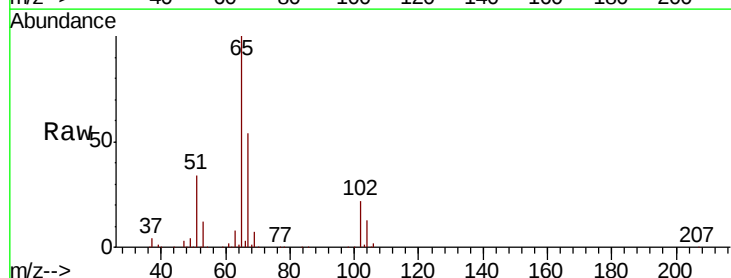
Instrument :
MSVOA_W
ClientSampled :
DL-03B

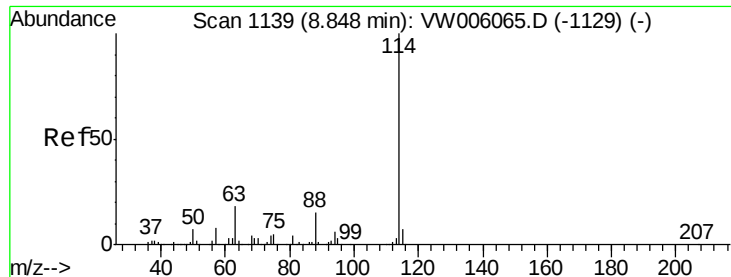
Tot Ion	56	Resp	3997
Ion	Ratio	Lower	Upper
56	100		
69	149.2	29.4	44.0#
84	136.2	74.0	111.0#



#33
1,2-Dichloroethane-d4
Concen: 60.907 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006516.D
Acq: 30 Oct 2018 21:28

Tgt Ion	65	Resp	105484
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	101.0

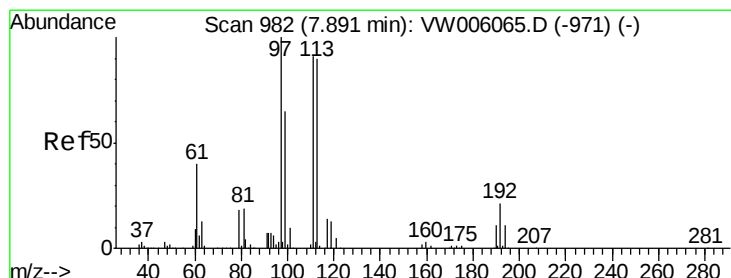
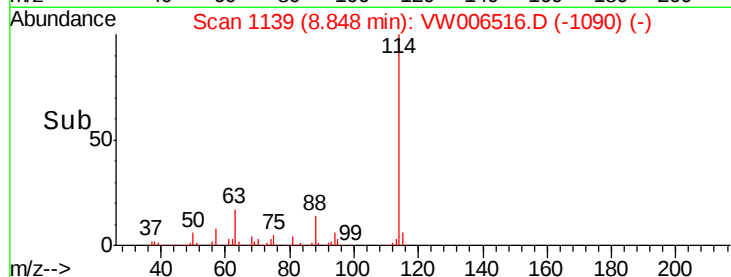
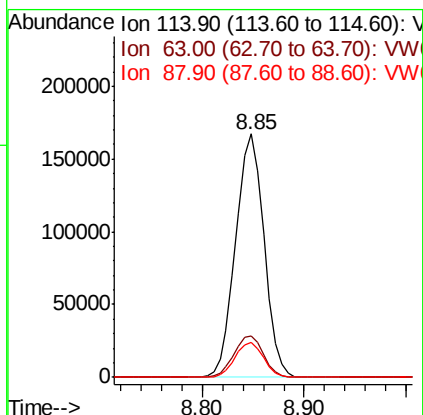
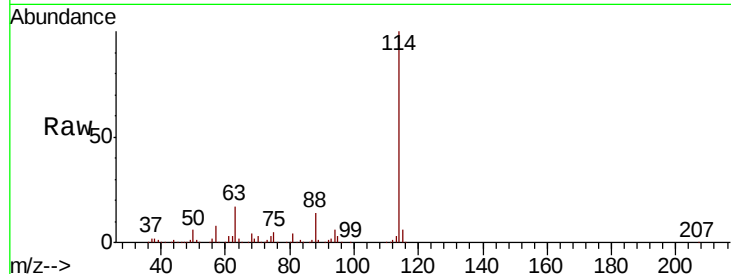




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW006516.D
Acq: 30 Oct 2018 21:28

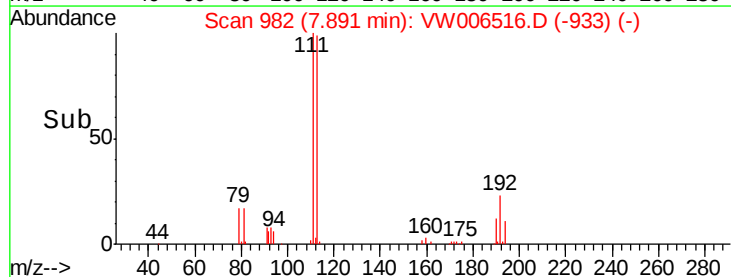
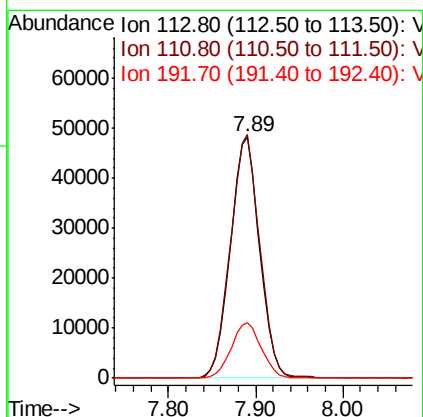
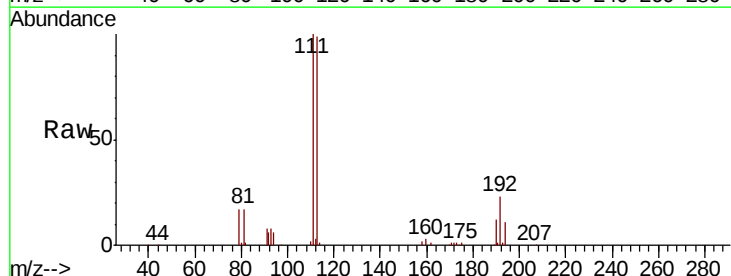
Instrument :
MSVOA_W
ClientSampleId :
DL-03B

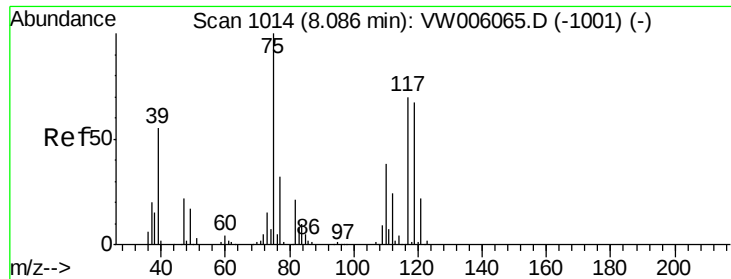
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	36.8
88	14.1	0.0	29.0



#35
Dibromofluoromethane
Concen: 58.495 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW006516.D
Acq: 30 Oct 2018 21:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.0
192	23.6	18.7	28.1

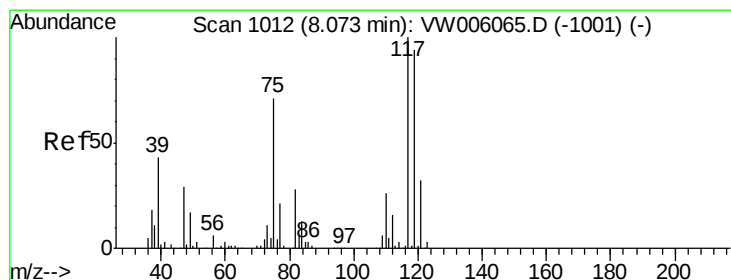
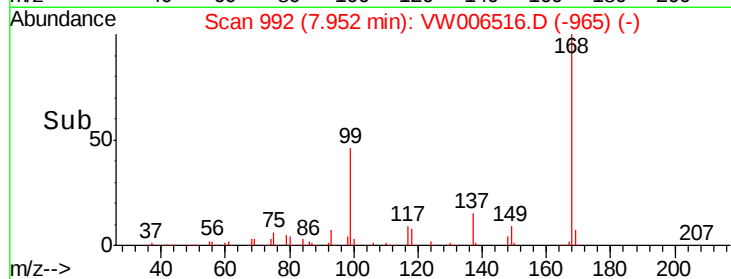
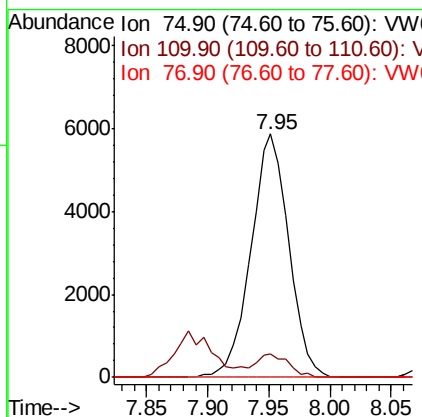
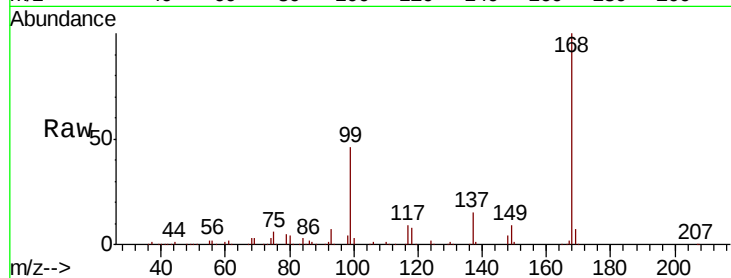




#36
 1,1-Dichloropropene
 Concen: 4.241 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006516.D
 Acq: 30 Oct 2018 21:28

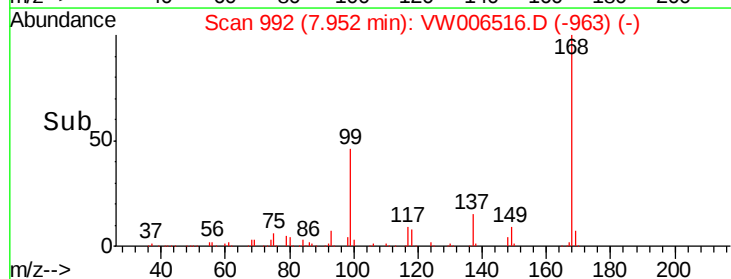
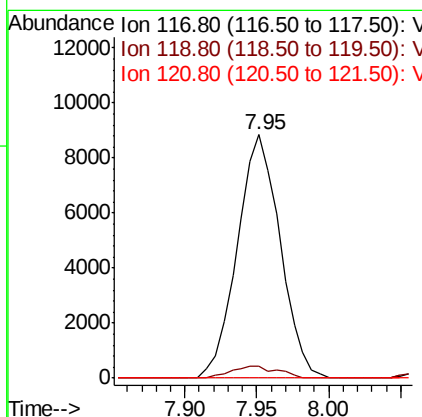
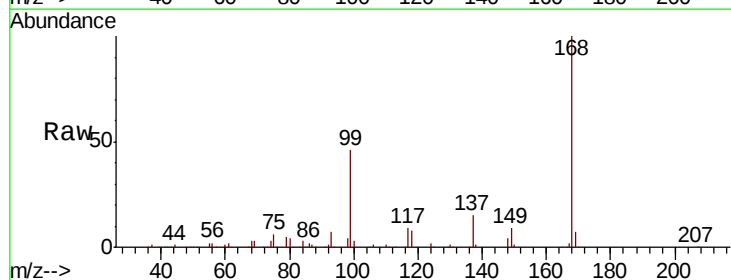
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03B

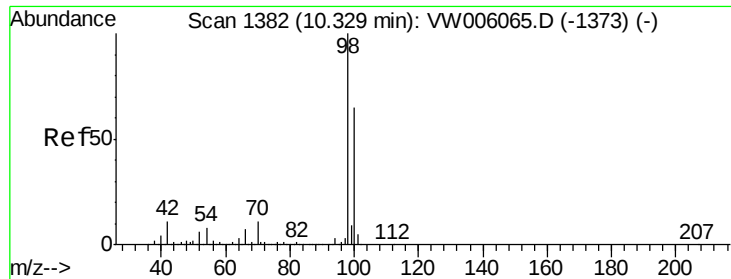
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.0	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.577 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006516.D
 Acq: 30 Oct 2018 21:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 58.058 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006516.D

Acq: 30 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampled :

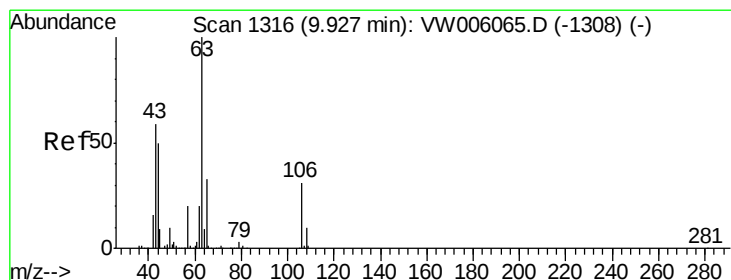
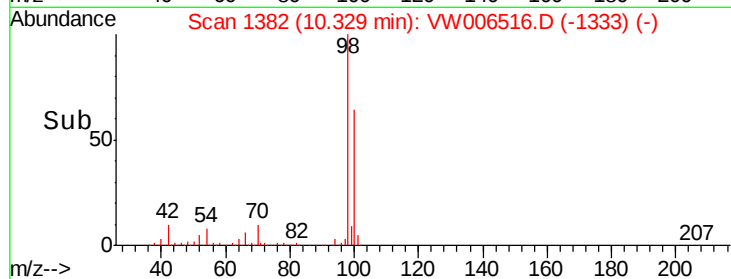
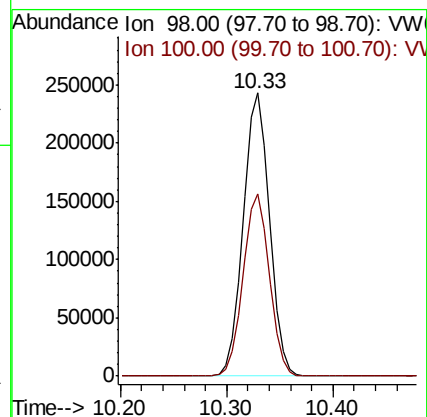
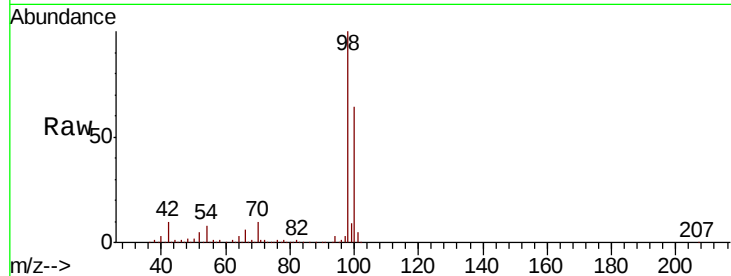
DL-03B

Tot Ion: 98 Resp: 422061

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



#58

2-Chloroethyl Vinyl ether

Concen: 1.575 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VW006516.D

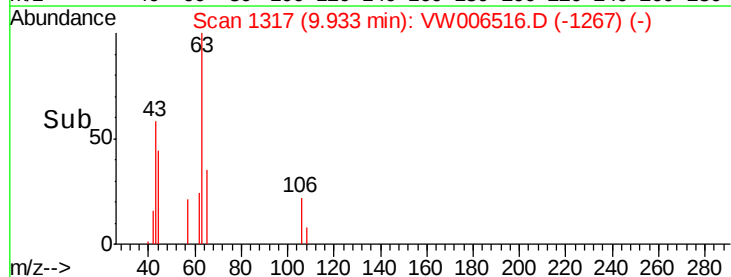
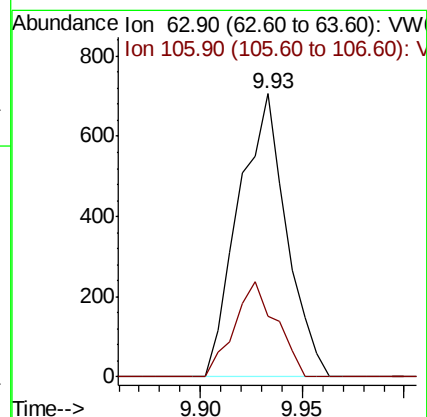
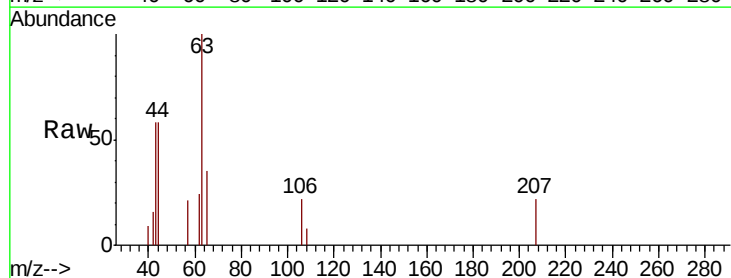
Acq: 30 Oct 2018 21:28

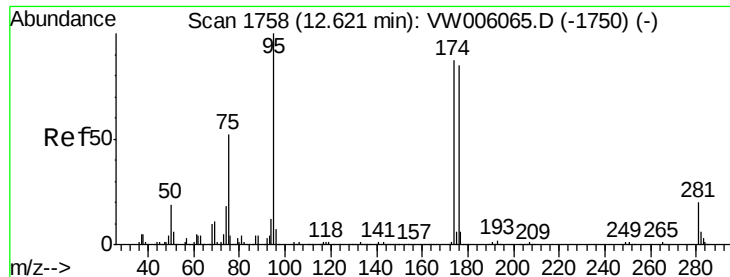
Tgt Ion: 63 Resp: 1151

Ion Ratio Lower Upper

63 100

106 29.5 24.5 36.7





#62

4-Bromofluorobenzene

Concen: 53.191 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006516.D

Acq: 30 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

DL-03B

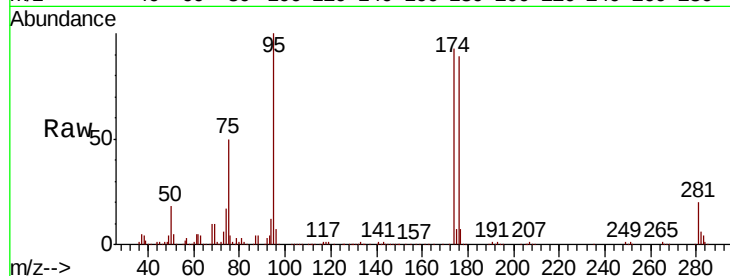
Tot Ion: 95 Resp: 145232

Ion Ratio Lower Upper

95 100

174 97.3 0.0 186.0

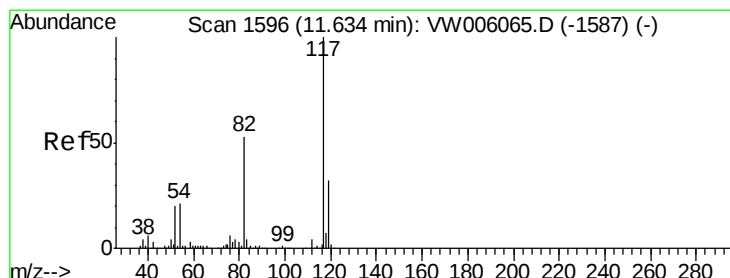
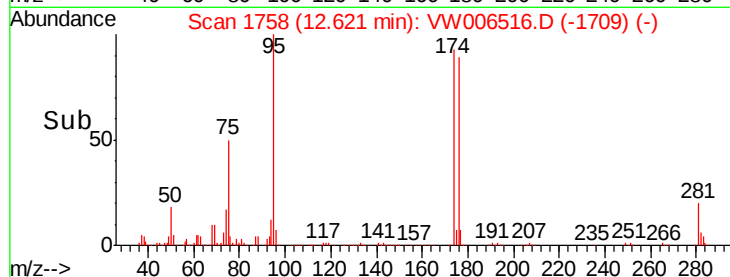
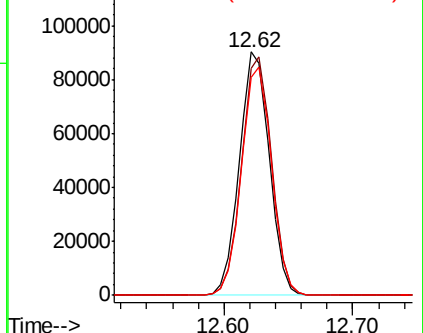
176 94.1 0.0 181.6



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: VW006516.D

Acq: 30 Oct 2018 21:28

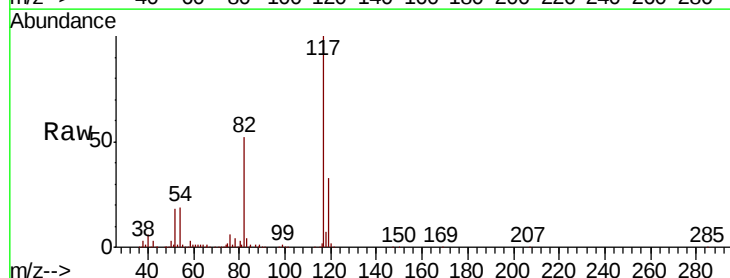
Tgt Ion: 117 Resp: 295278

Ion Ratio Lower Upper

117 100

82 51.7 42.1 63.1

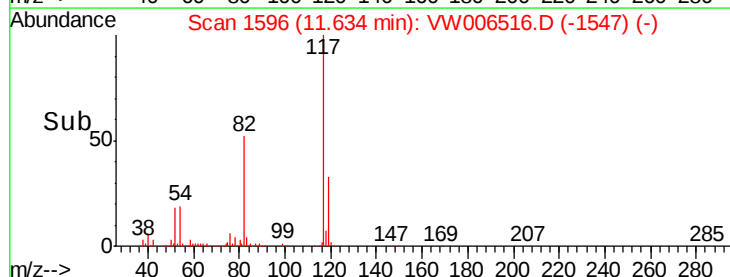
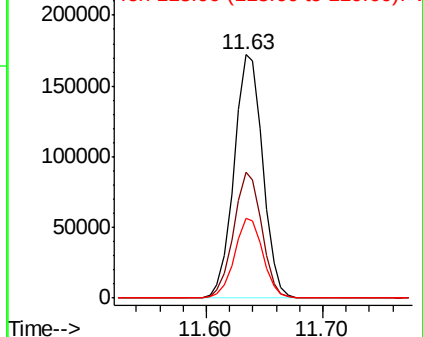
119 32.5 25.8 38.6

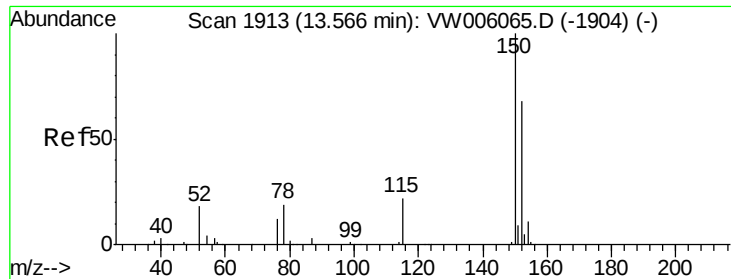


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW006516.D

Acq: 30 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

DL-03B

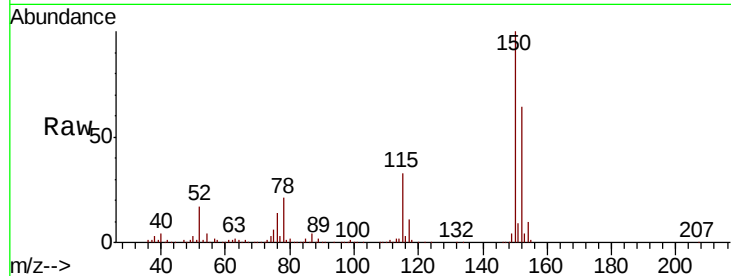
Tot Ion:152 Resp: 155371

Ion Ratio Lower Upper

152 100

115 53.8 27.8 83.3

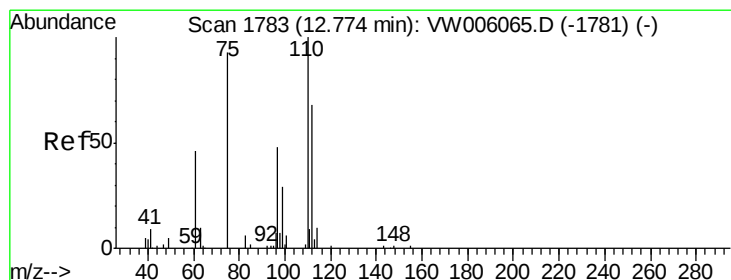
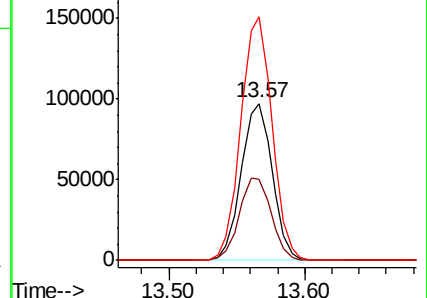
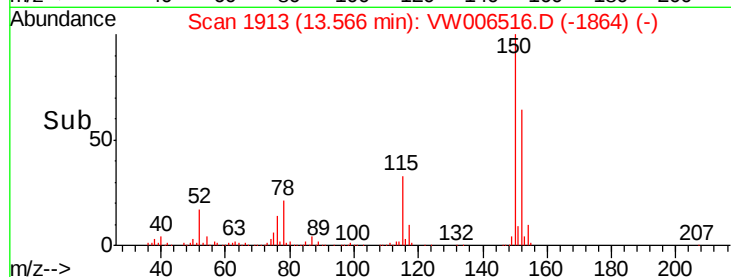
150 155.9 0.0 349.2



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: 60.690 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006516.D

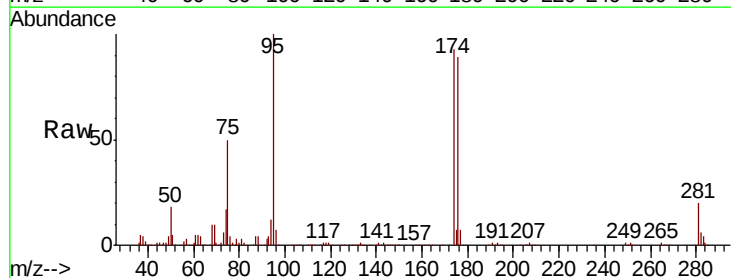
Acq: 30 Oct 2018 21:28

Tgt Ion: 75 Resp: 72023

Ion Ratio Lower Upper

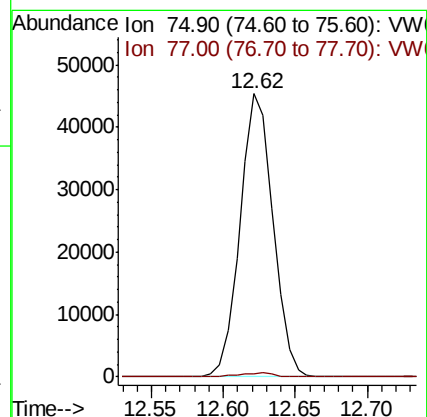
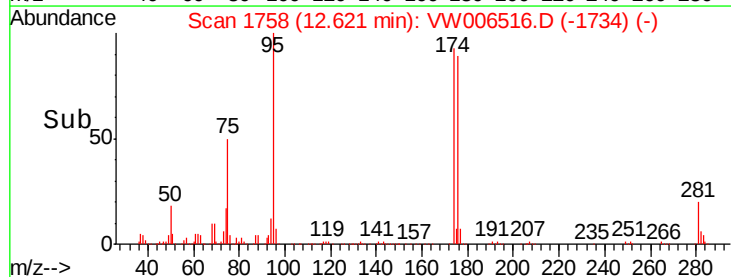
75 100

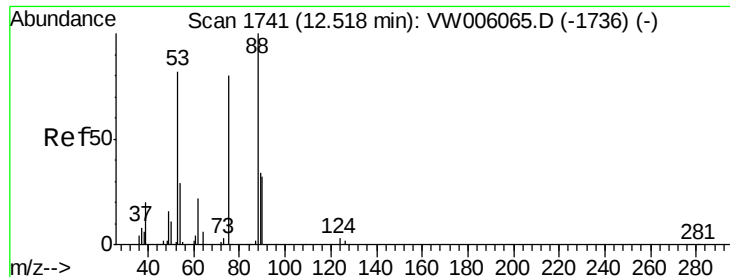
77 1.3 0.0 0.0#



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: 145.074 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006516.D

Acq: 30 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

DL-03B

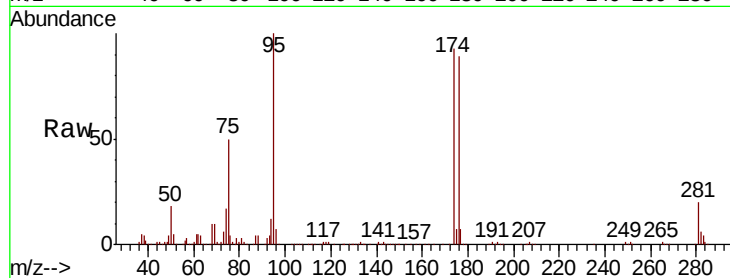
Tot Ion: 75 Resp: 72023

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 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

