

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006481.D
 Acq On : 30 Oct 2018 04:53
 Operator : SY/AP
 Sample : J5625-16RE
 Misc : 4.69G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-08RE

Quant Time: Oct 30 05:42:00 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	193073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	263618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	165050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	37781	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	78097	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	
35) Dibromofluoromethane	7.88	113	82995	53.28	ug/l	0.00
Spiked Amount			Recovery	=	106.56%	
50) Toluene-d8	10.32	98	262157	44.24	ug/l	0.00
Spiked Amount			Recovery	=	88.48%	
62) 4-Bromofluorobenzene	12.62	95	46363	20.83	ug/l	0.00
Spiked Amount			Recovery	=	41.66%	

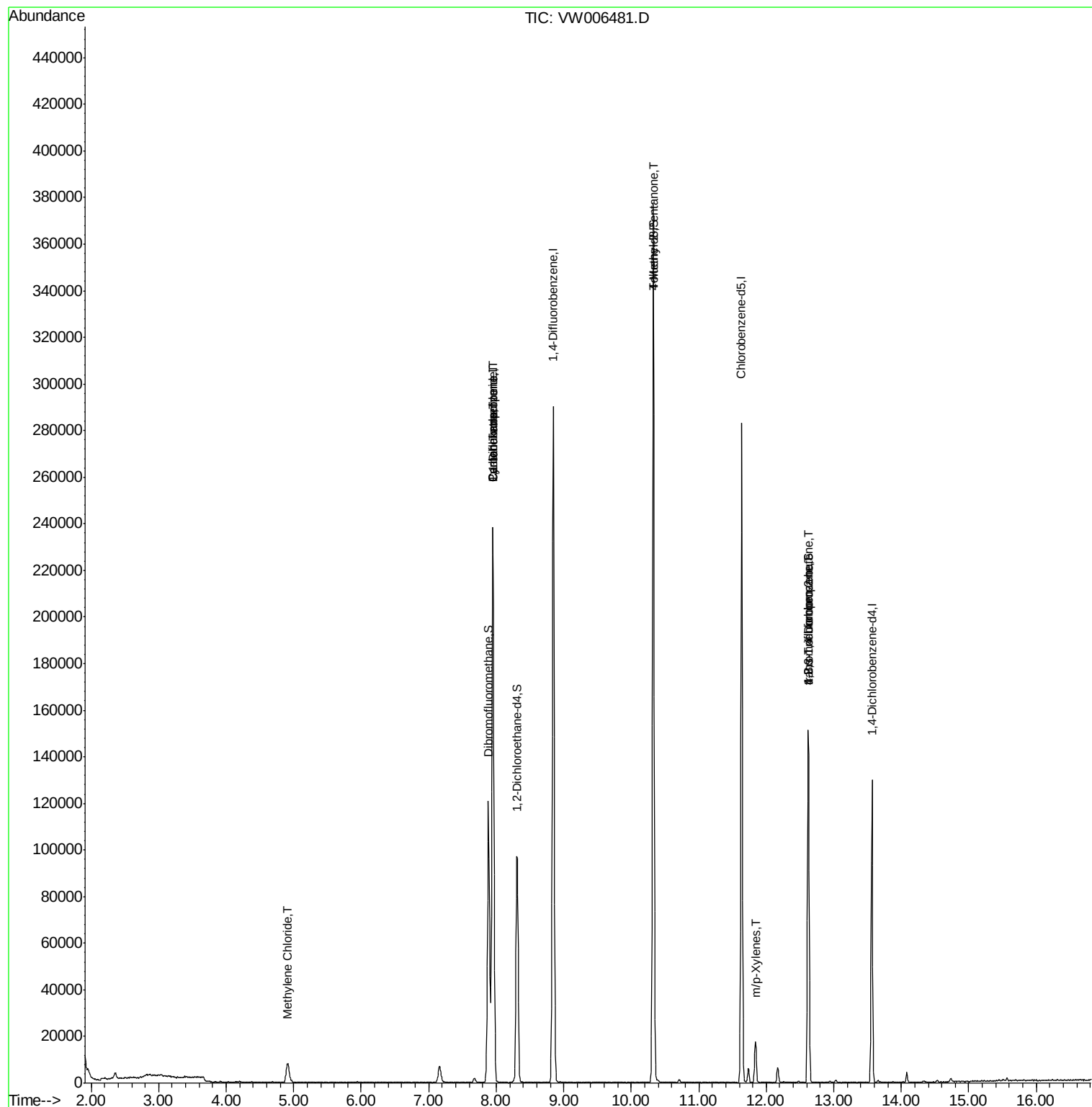
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	237	Below Cal	#	45
20) Methylene Chloride	4.91	84	7167	2.692	ug/l	92
31) Cyclohexane	7.95	56	3341	1.141	ug/l #	30
36) 1,1-Dichloropropene	7.95	75	12243	5.039	ug/l #	49
38) Carbon Tetrachloride	7.95	117	17120	6.427	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	1012	1.094	ug/l #	1
68) m/p-Xylenes	11.84	106	5811	2.401	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	23030	79.807	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	23030	190.769	ug/l #	10

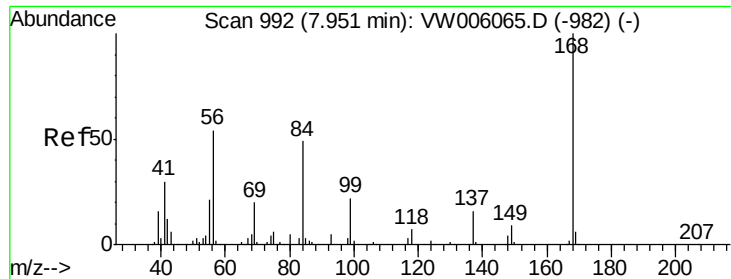
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006481.D

Acq: 30 Oct 2018 04:53

Instrument :

MSVOA_W

ClientSampleId :

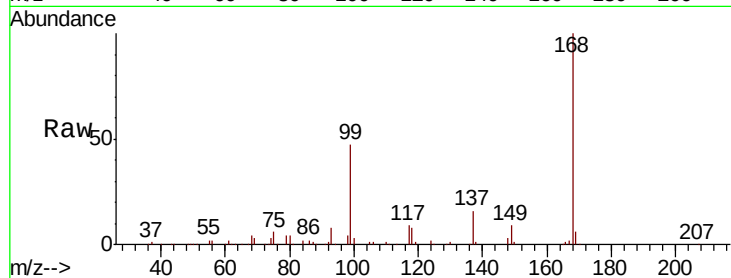
DW-08RE

Tot Ion:168 Resp: 193073

Ion Ratio Lower Upper

168 100

99 47.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

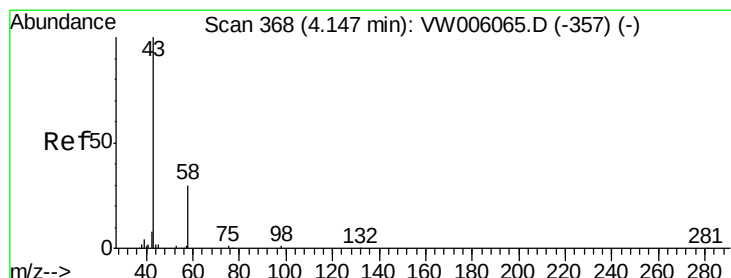
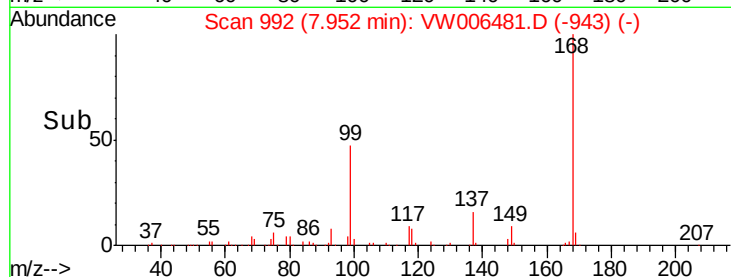
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006481.D

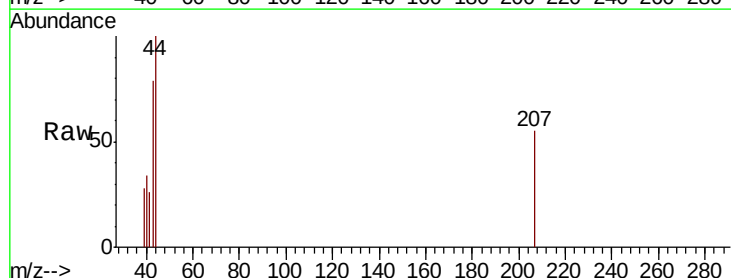
Acq: 30 Oct 2018 04:53

Tgt Ion: 43 Resp: 237

Ion Ratio Lower Upper

43 100

58 0.0 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

200

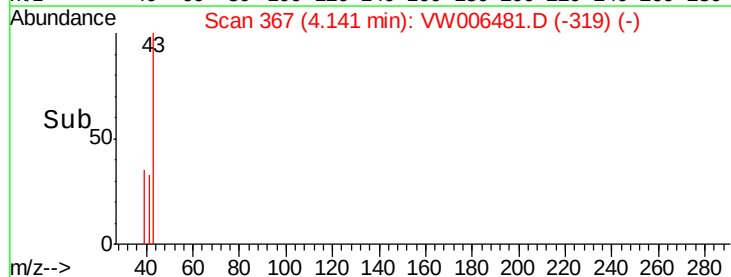
150

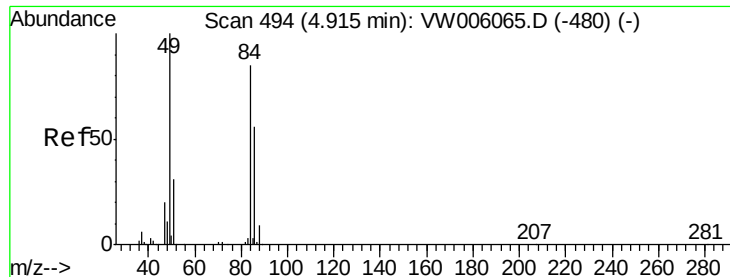
100

50

0

Time--> 4.10 4.12 4.14 4.16





#20

Methylene Chloride

Concen: 2.692 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006481.D

Acq: 30 Oct 2018 04:53

Instrument :

MSVOA_W

ClientSampleId :

DW-08RE

Tot Ion: 84 Resp: 7167

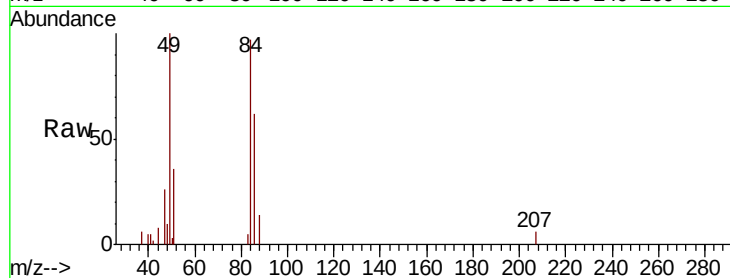
Ion Ratio Lower Upper

84 100

49 103.1 93.6 140.4

51 36.6 29.0 43.4

86 63.6 52.6 79.0

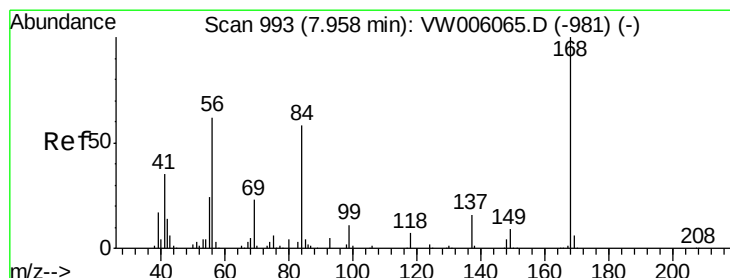
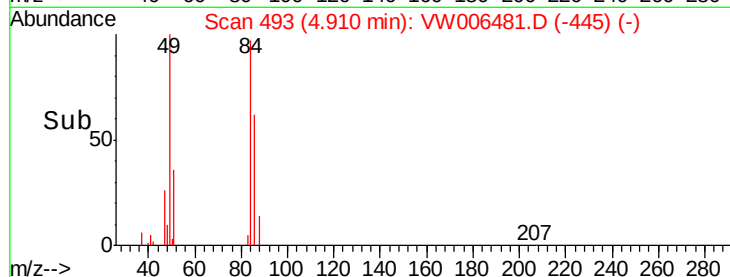
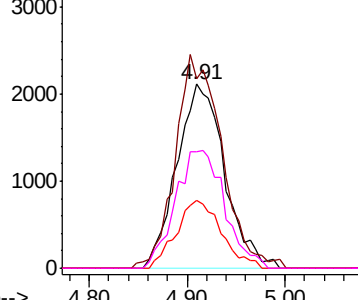


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#31

Cyclohexane

Concen: 1.141 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006481.D

Acq: 30 Oct 2018 04:53

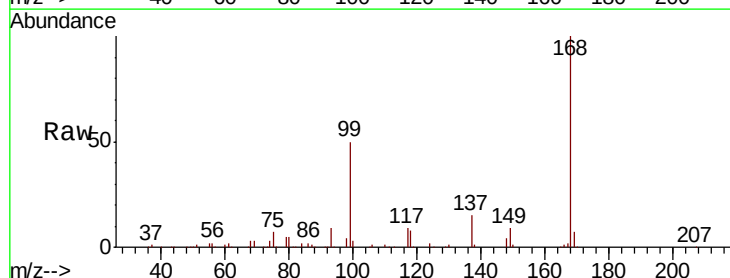
Tgt Ion: 56 Resp: 3341

Ion Ratio Lower Upper

56 100

69 145.6 29.4 44.0#

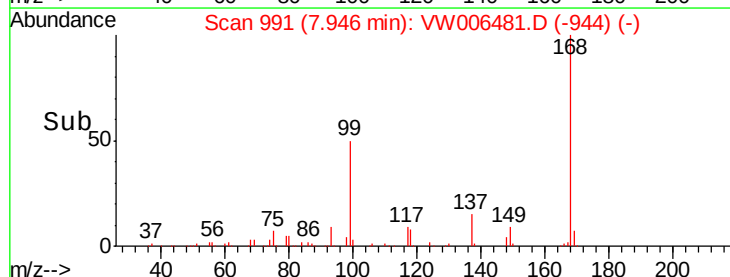
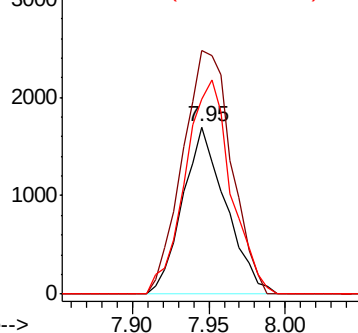
84 116.3 74.0 111.0#

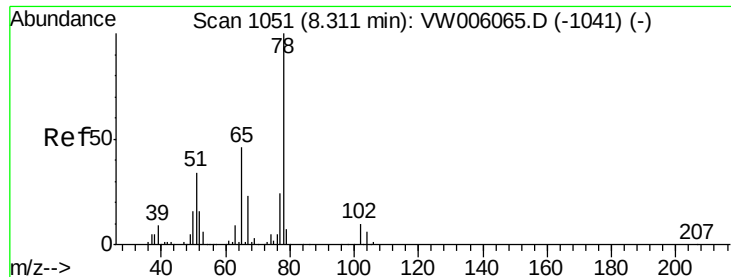


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

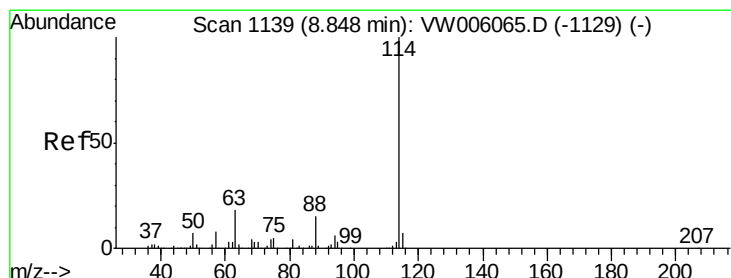
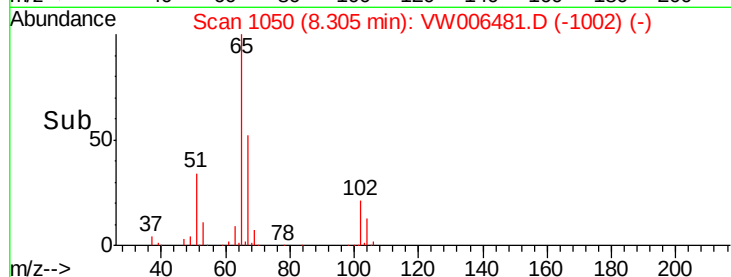
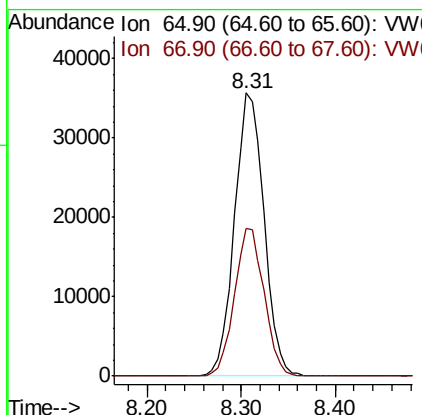
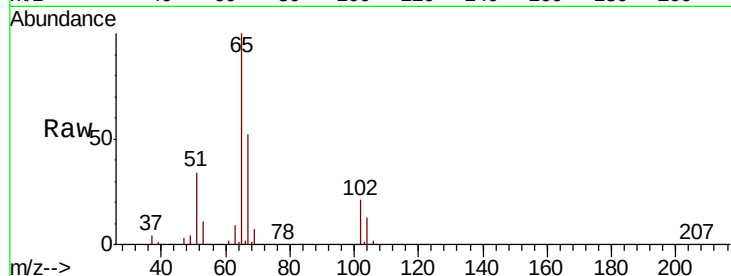




#33
 1,2-Dichloroethane-d4
 Concen: 48.790 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006481.D
 Acq: 30 Oct 2018 04:53

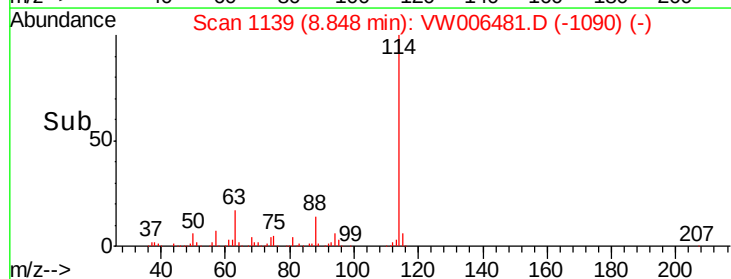
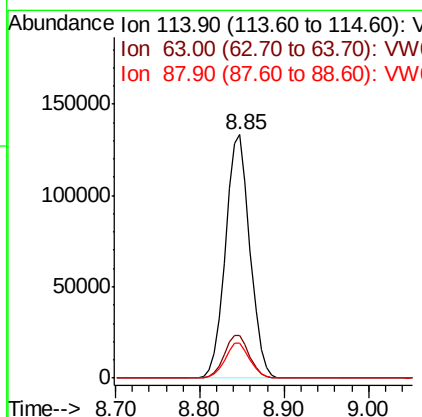
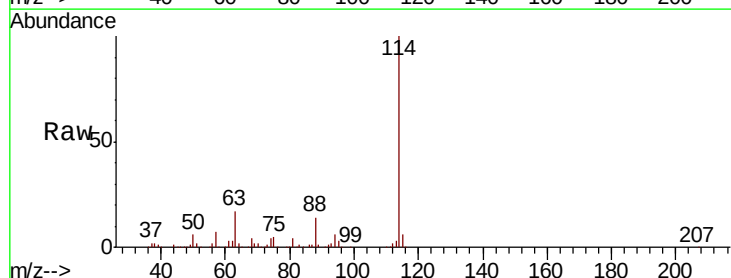
Instrument :
 MSVOA_W
 ClientSampleId :
 DW-08RE

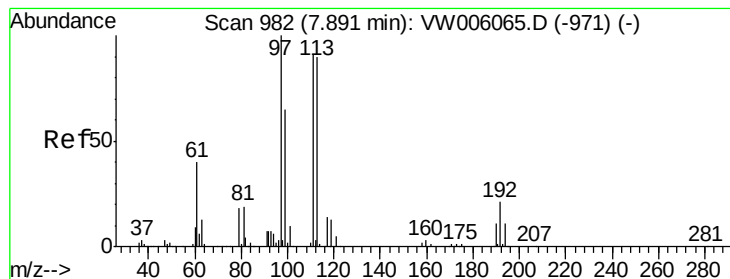
Tot Ion: 65 Resp: 78097
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006481.D
 Acq: 30 Oct 2018 04:53

Tgt Ion: 114 Resp: 263618
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.8
 88 14.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.280 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006481.D

Acq: 30 Oct 2018 04:53

Instrument :

MSVOA_W

ClientSampleId :

DW-08RE

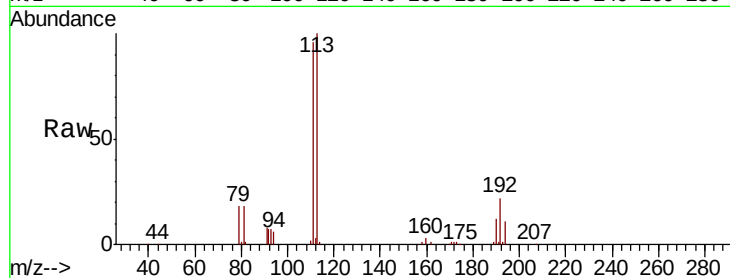
Tot Ion:113 Resp: 82995

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

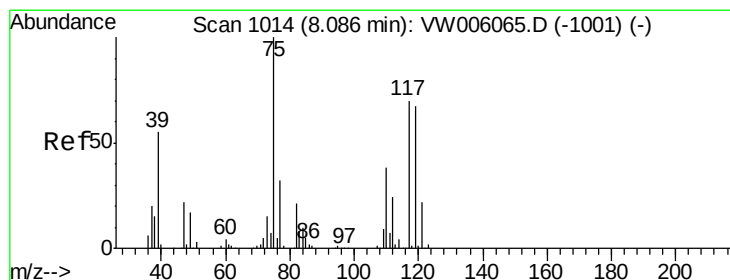
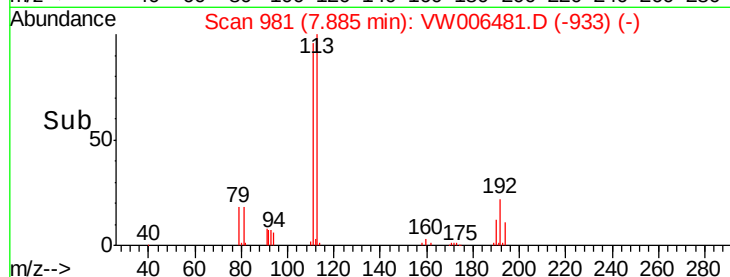
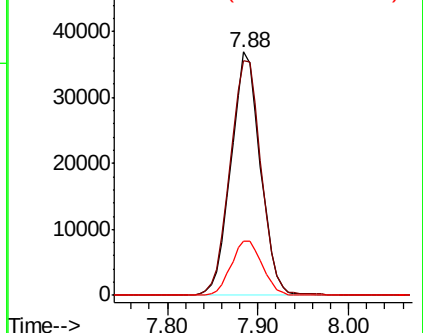
192 23.6 18.7 28.1



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: 5.039 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW006481.D

Acq: 30 Oct 2018 04:53

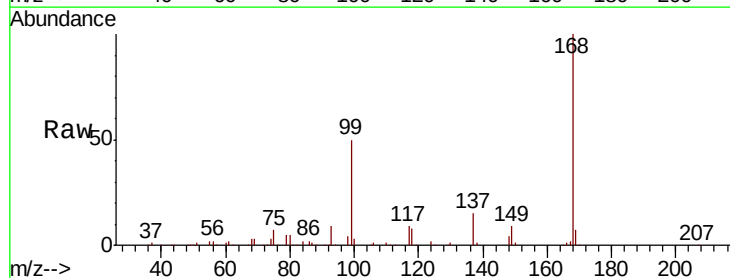
Tgt Ion: 75 Resp: 12243

Ion Ratio Lower Upper

75 100

110 10.1 19.1 57.1#

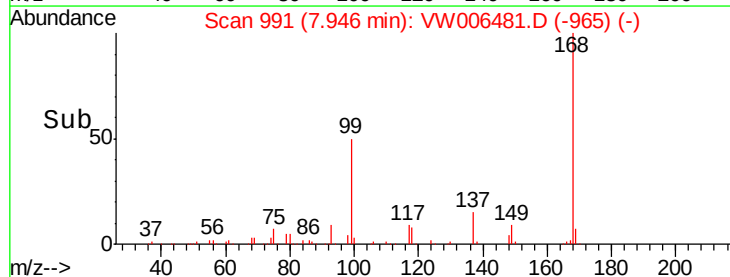
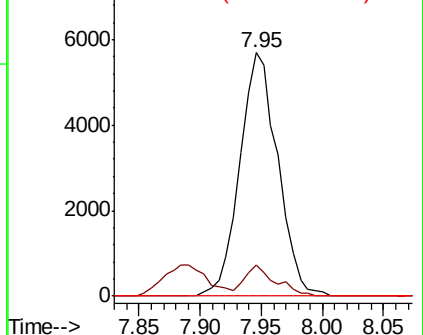
77 0.0 25.0 37.4#

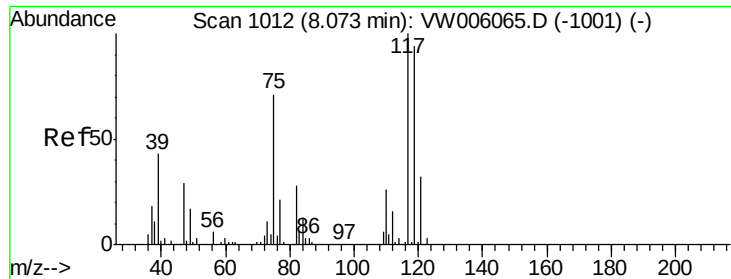


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.427 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006481.D

Acq: 30 Oct 2018 04:53

Instrument :

MSVOA_W

ClientSampleId :

DW-08RE

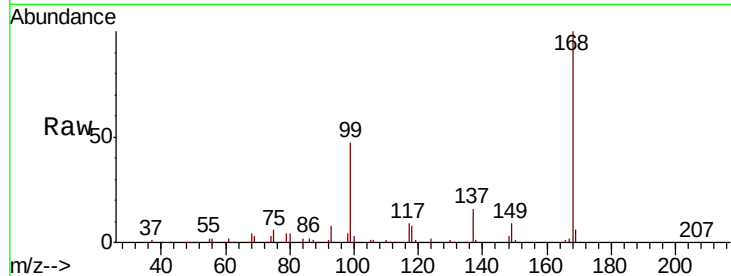
Tot Ion:117 Resp: 17120

Ion Ratio Lower Upper

117 100

119 5.8 75.2 112.8#

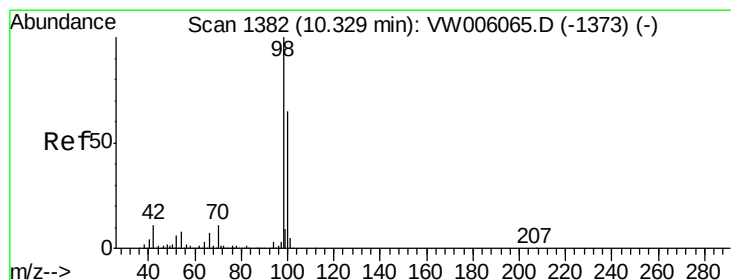
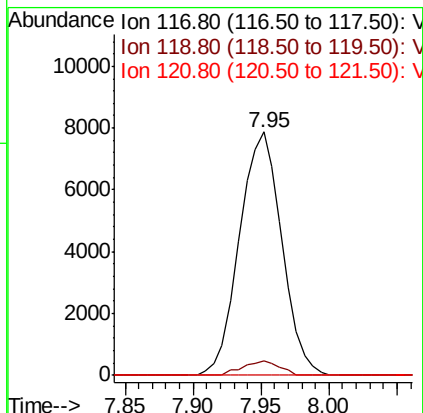
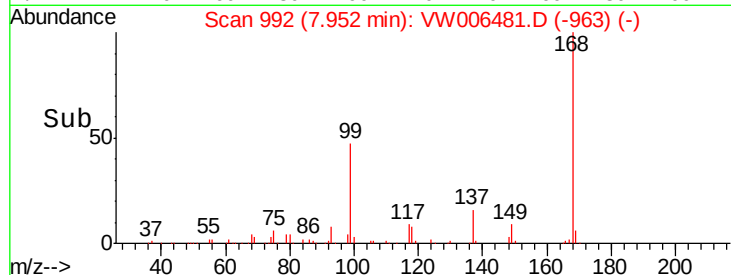
121 0.0 25.3 37.9#



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: 44.236 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006481.D

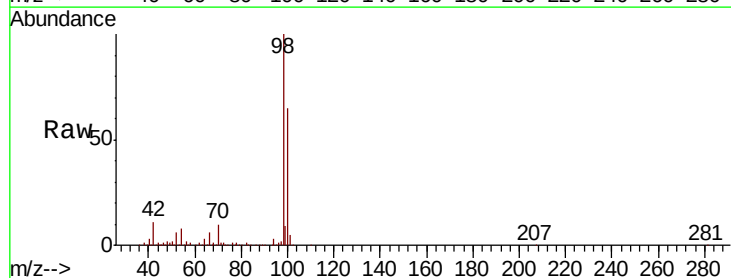
Acq: 30 Oct 2018 04:53

Tgt Ion: 98 Resp: 262157

Ion Ratio Lower Upper

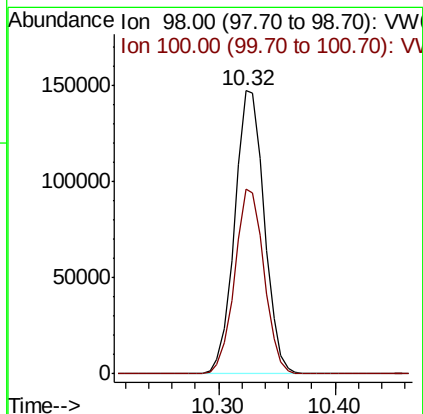
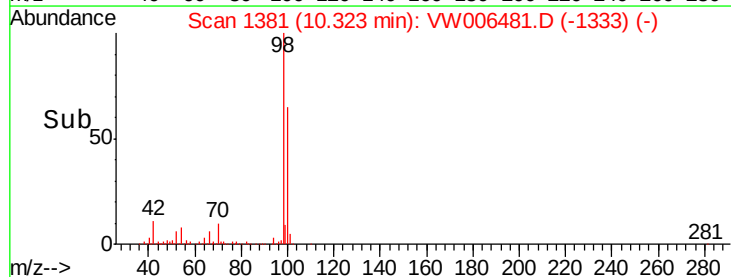
98 100

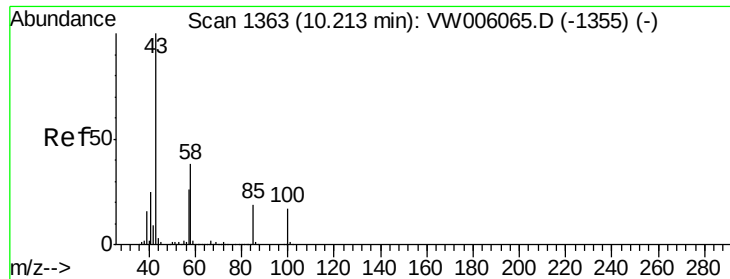
100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.094 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006481.D

Acq: 30 Oct 2018 04:53

Instrument :

MSVOA_W

ClientSampleId :

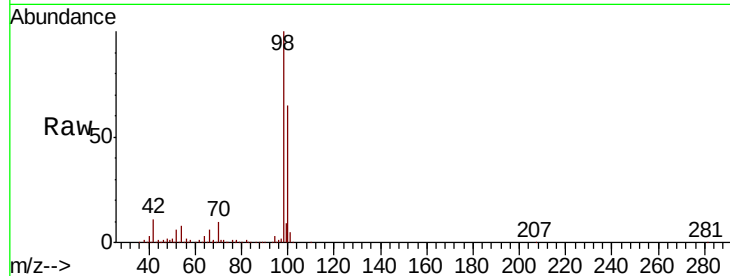
DW-08RE

Tot Ion: 43 Resp: 1012

Ion Ratio Lower Upper

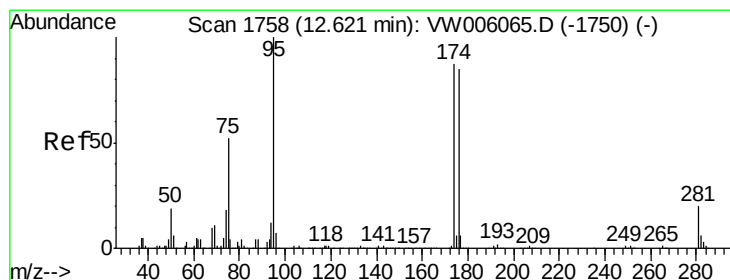
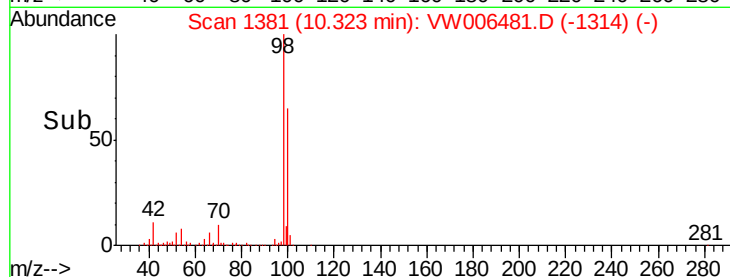
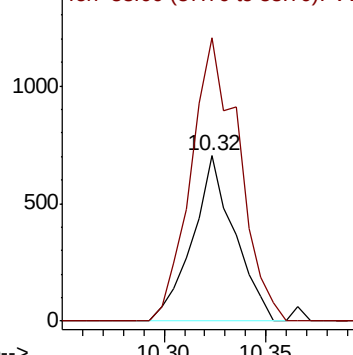
43 100

58 194.4 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 20.829 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006481.D

Acq: 30 Oct 2018 04:53

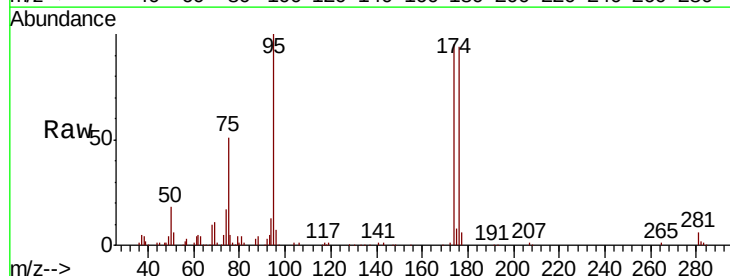
Tgt Ion: 95 Resp: 46363

Ion Ratio Lower Upper

95 100

174 97.5 0.0 186.0

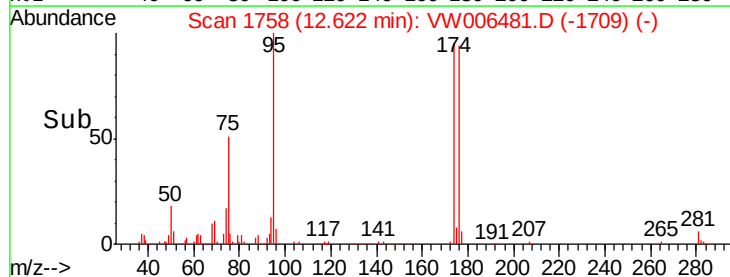
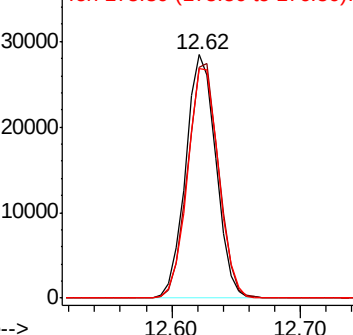
176 95.7 0.0 181.6

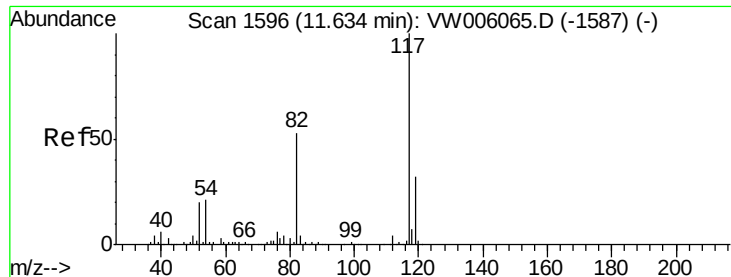


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

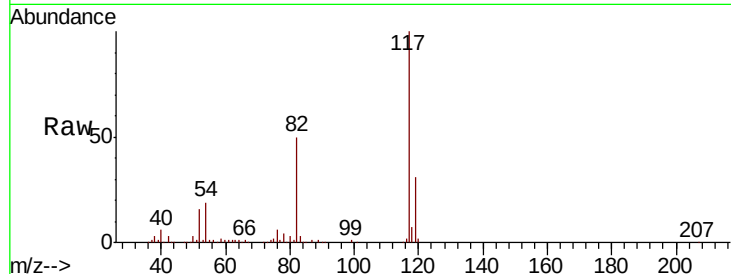




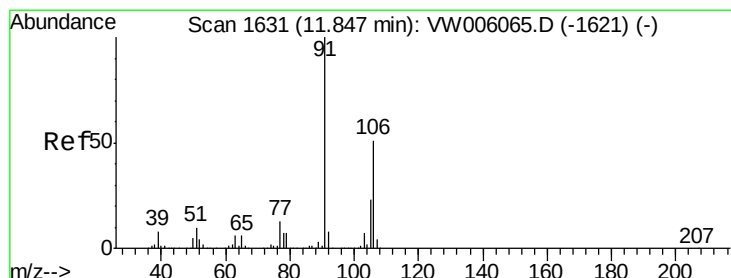
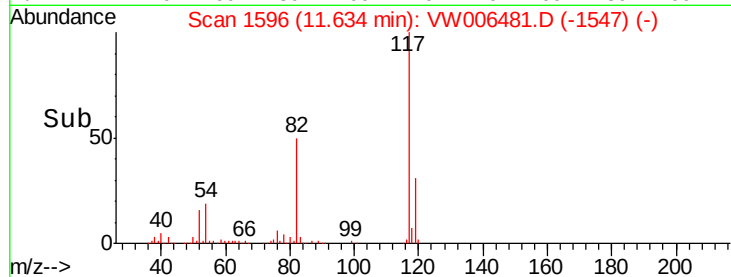
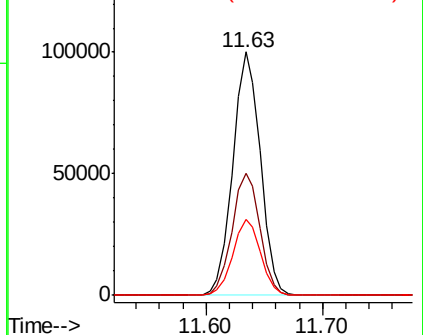
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006481.D
Acq: 30 Oct 2018 04:53

Instrument :
MSVOA_W
ClientSampleId :
DW-08RE

Tot Ion:117 Resp: 165050
Ion Ratio Lower Upper
117 100
82 50.2 42.1 63.1
119 31.4 25.8 38.6

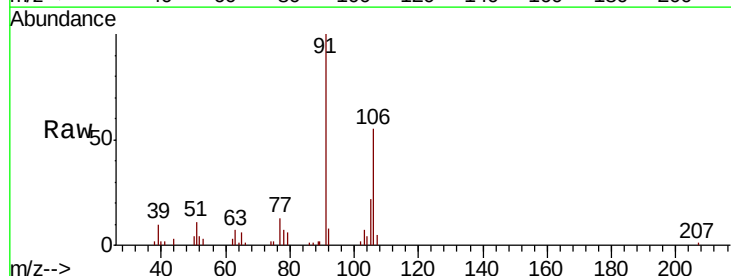


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

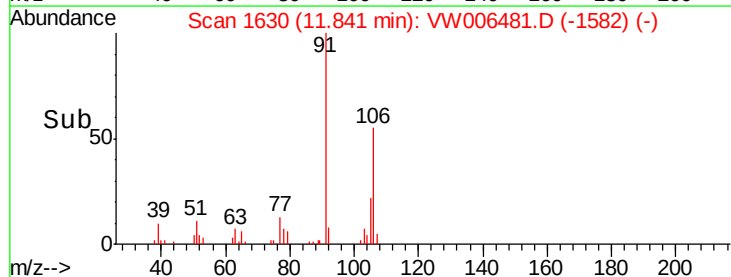
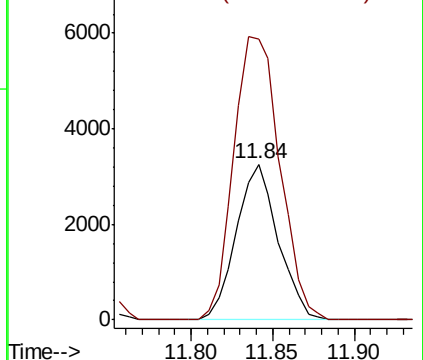


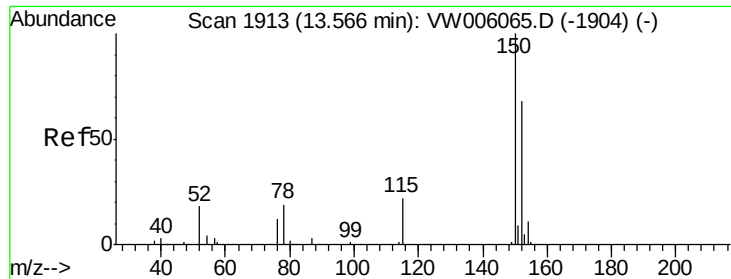
#68
m/p-Xylenes
Concen: 2.401 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006481.D
Acq: 30 Oct 2018 04:53

Tgt Ion:106 Resp: 5811
Ion Ratio Lower Upper
106 100
91 201.4 159.1 238.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): 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: VW006481.D

Acq: 30 Oct 2018 04:53

Instrument :

MSVOA_W

ClientSampleId :

DW-08RE

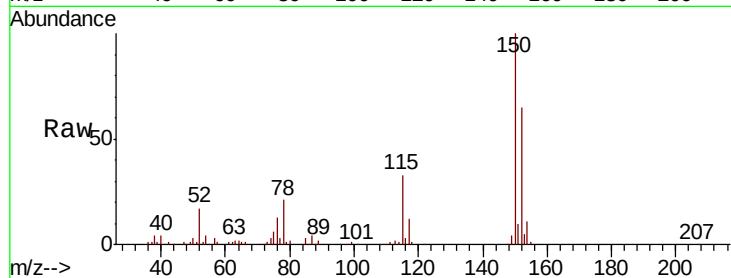
Tot Ion:152 Resp: 37781

Ion Ratio Lower Upper

152 100

115 53.0 27.8 83.3

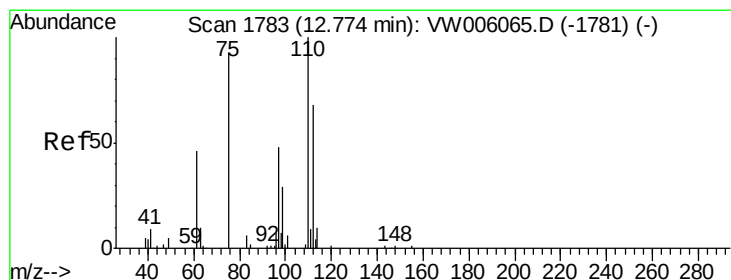
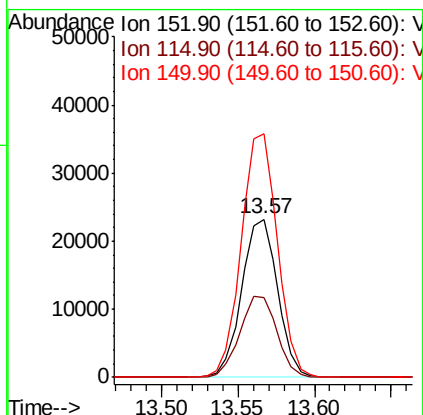
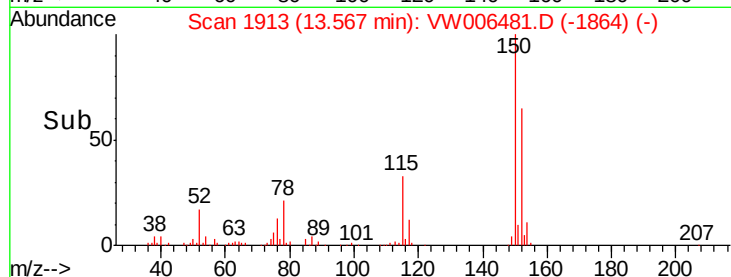
150 155.0 0.0 349.2



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: 79.807 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006481.D

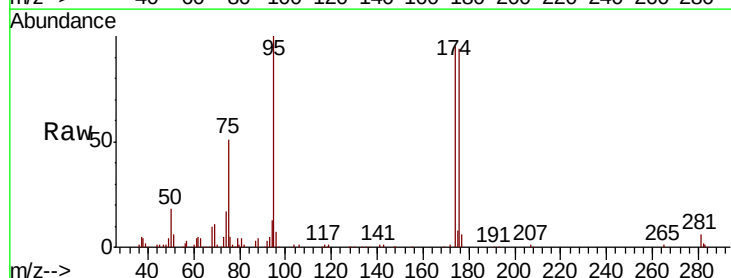
Acq: 30 Oct 2018 04:53

Tgt Ion: 75 Resp: 23030

Ion Ratio Lower Upper

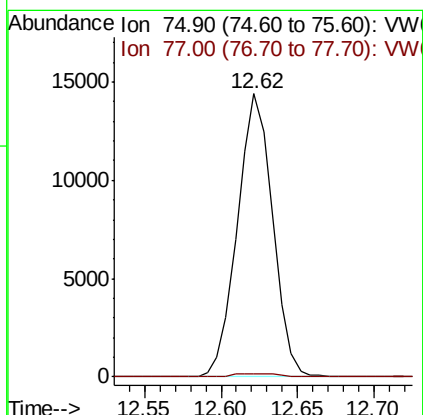
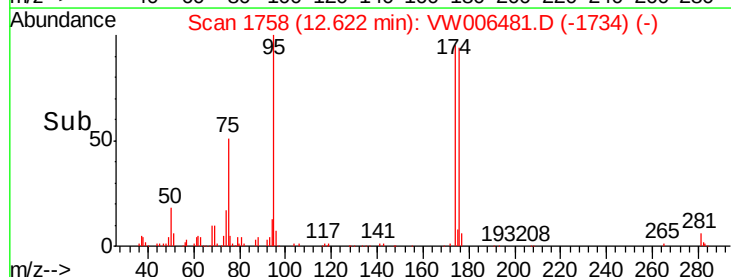
75 100

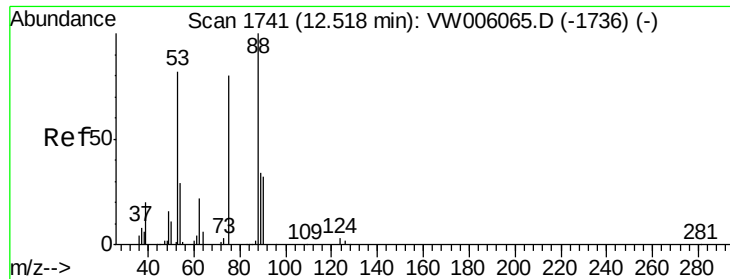
77 1.5 0.0 0.0#



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: 190.769 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006481.D

Acq: 30 Oct 2018 04:53

Instrument :

MSVOA_W

ClientSampleId :

DW-08RE

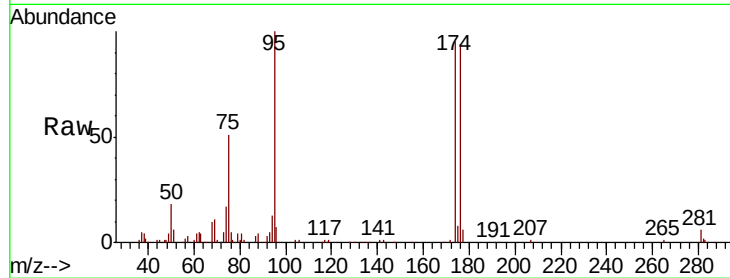
Tot Ion: 75 Resp: 23030

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

