

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
 Data File : VW006150.D
 Acq On : 18 Oct 2018 03:39
 Operator : VA/AP
 Sample : J5518-03RE
 Misc : 5.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GSTS

Quant Time: Oct 18 10:49:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	334651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	276717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	120763	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	93689	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
35) Dibromofluoromethane	7.89	113	90675	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
50) Toluene-d8	10.33	98	310098	41.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.44%	
62) 4-Bromofluorobenzene	12.62	95	98563	34.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.76%	

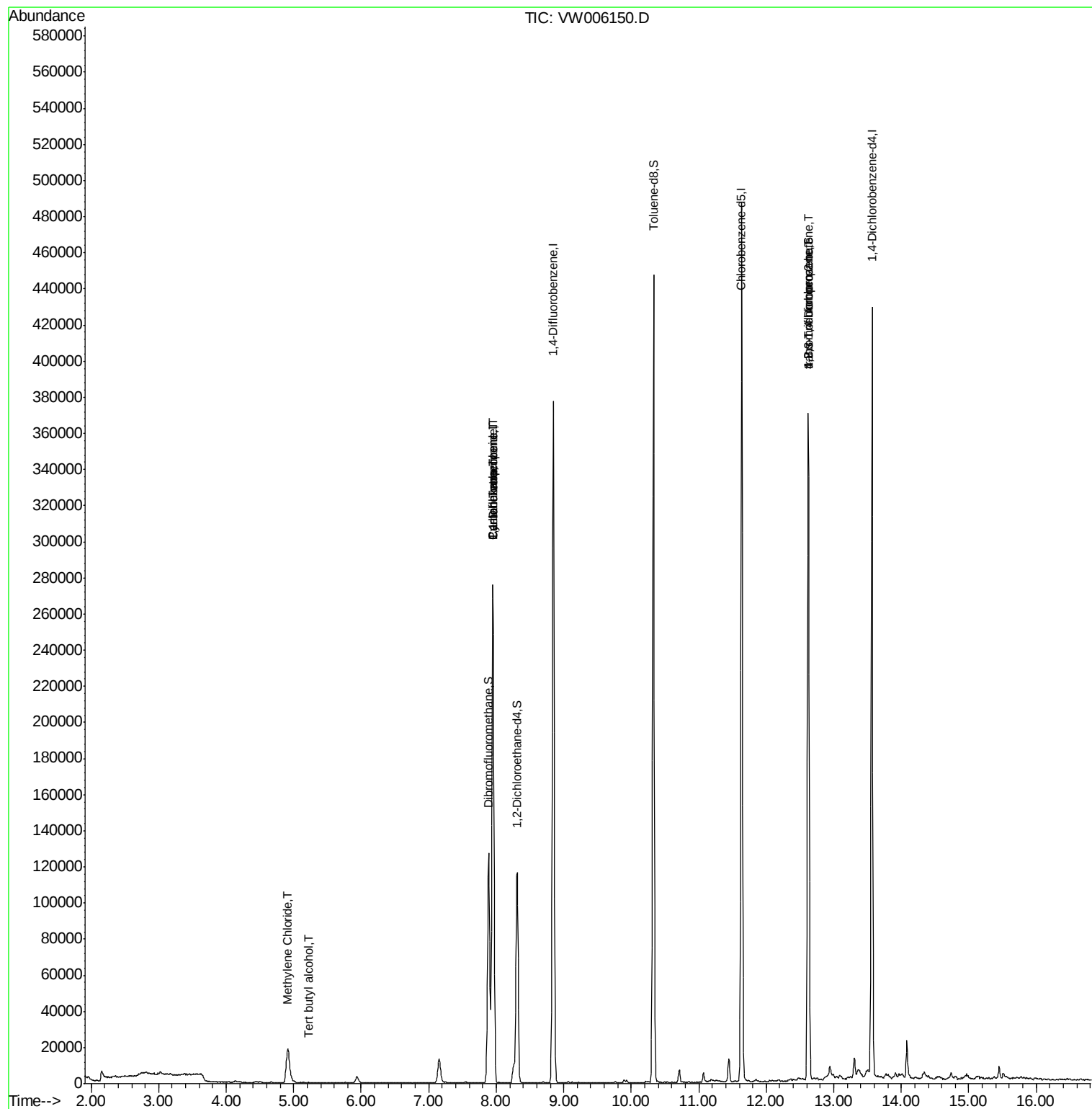
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.22	59	335	2.67	ug/l	# 71
16) Acetone	4.14	43	1590	Below	Cal	89
20) Methylene Chloride	4.91	84	16960	7.20	ug/l	92
31) Cyclohexane	7.95	56	4083	1.20	ug/l	# 2
36) 1,1-Dichloropropene	7.95	75	14765	4.79	ug/l	# 48
38) Carbon Tetrachloride	7.95	117	19548	5.78	ug/l	# 17
76) 1,2,3-Trichloropropane	12.62	75	50819	55.09	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	50819	131.70	ug/l	# 10

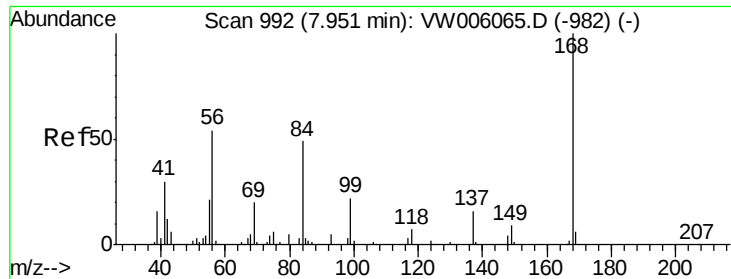
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
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GSTS

Quant Time: Oct 18 10:49:22 2018
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Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006150.D

Acq: 18 Oct 2018 03:39

Instrument :

MSVOA_W

ClientSampleId :

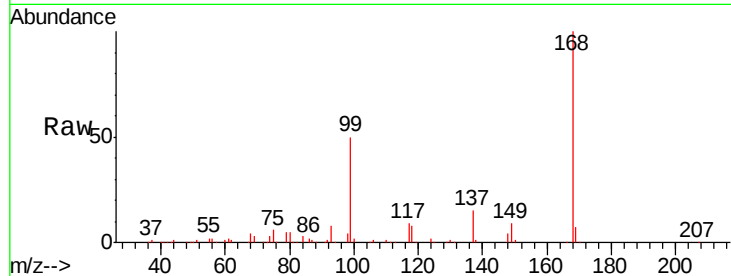
GSTS

Tgt Ion: 168 Resp: 224974

Ion Ratio Lower Upper

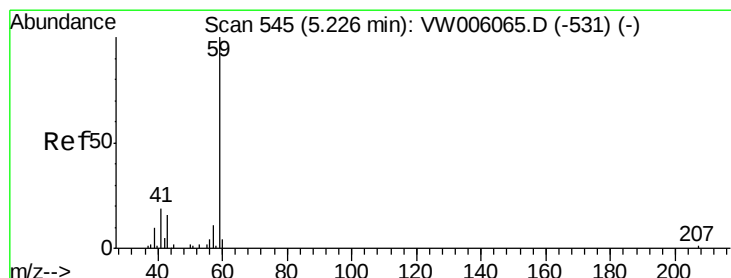
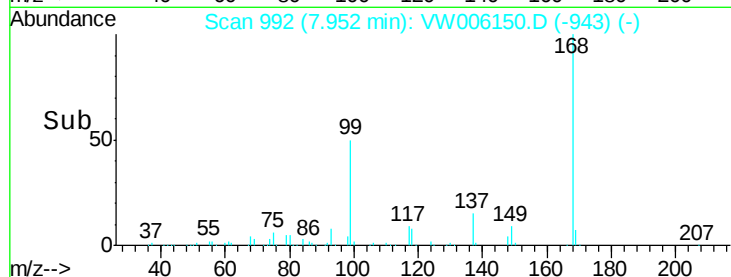
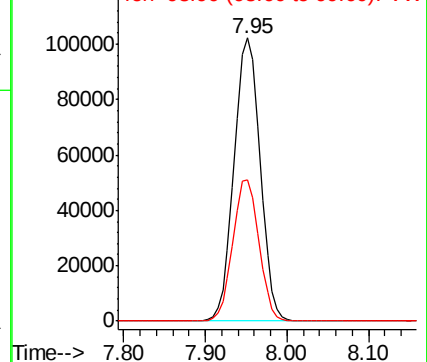
168 100

99 50.0 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: 2.67 ug/l

RT: 5.22 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW006150.D

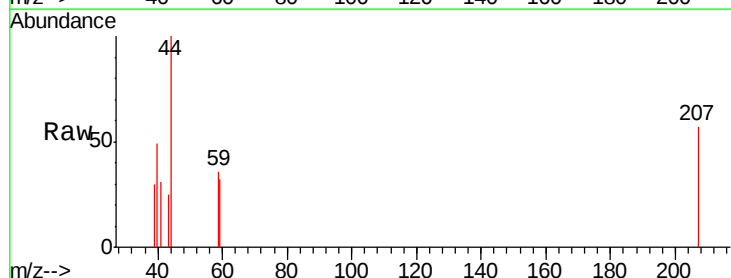
Acq: 18 Oct 2018 03:39

Tgt Ion: 59 Resp: 335

Ion Ratio Lower Upper

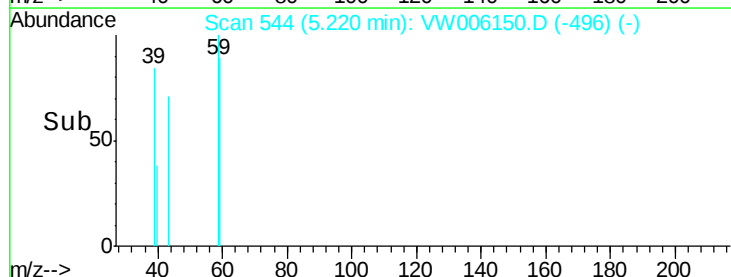
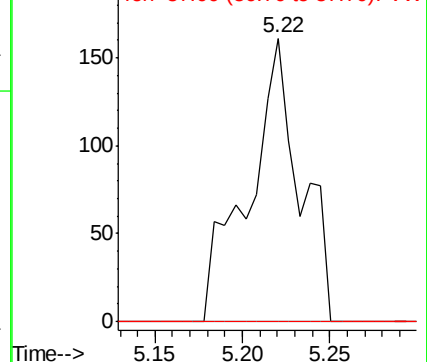
59 100

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: VW006150.D

Acq: 18 Oct 2018 03:39

Instrument :

MSVOA_W

ClientSampled :

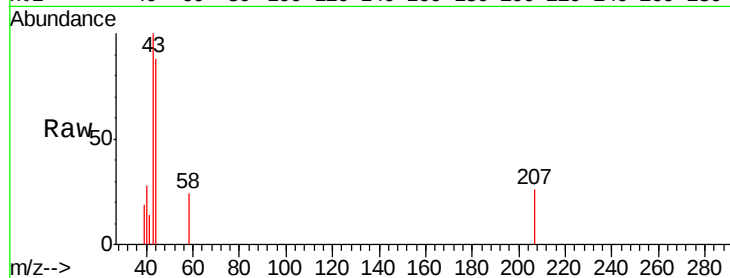
GSTS

Tgt Ion: 43 Resp: 1590

Ion Ratio Lower Upper

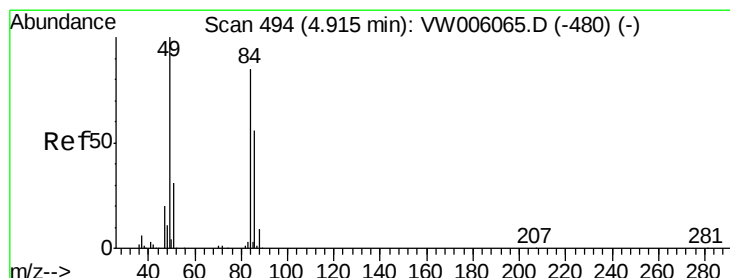
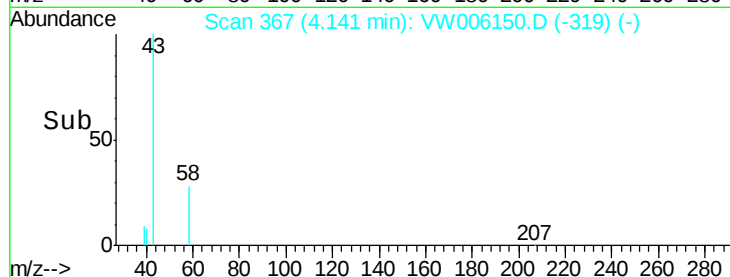
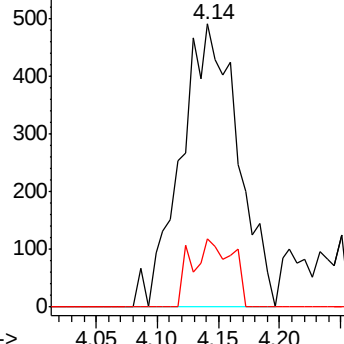
43 100

58 24.3 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: 7.20 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006150.D

Acq: 18 Oct 2018 03:39

Tgt Ion: 84 Resp: 16960

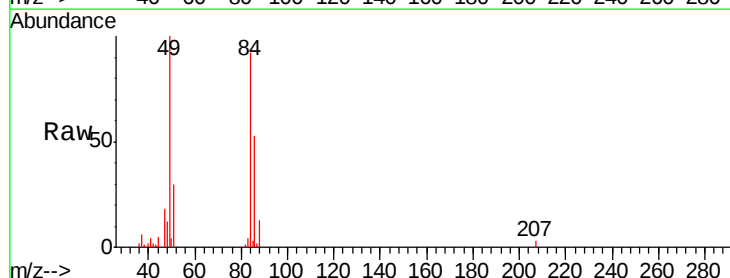
Ion Ratio Lower Upper

84 100

49 108.4 93.6 140.4

51 33.0 29.0 43.4

86 57.2 52.6 79.0

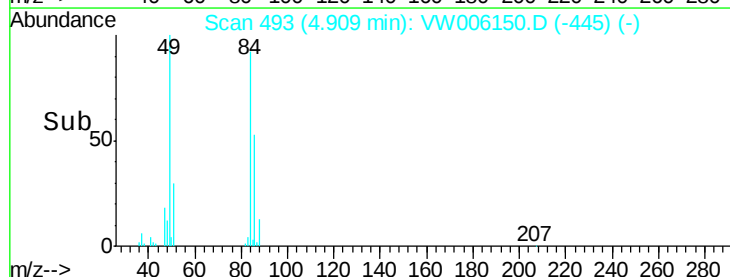
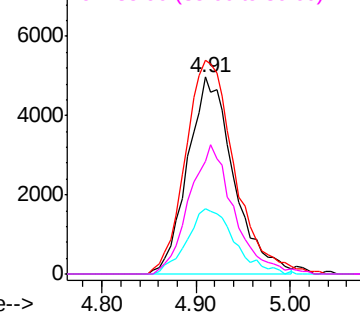


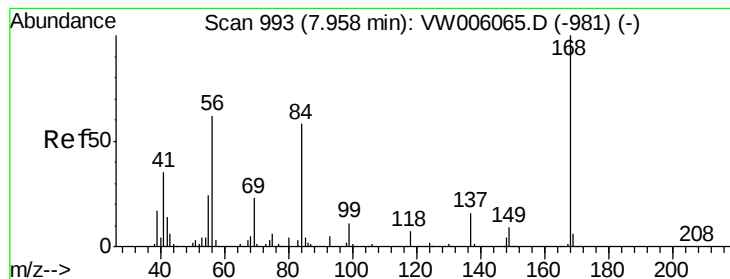
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#31

Cyclohexane

Concen: 1.20 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006150.D

Acq: 18 Oct 2018 03:39

Instrument :

MSVOA_W

ClientSampleId :

GSTS

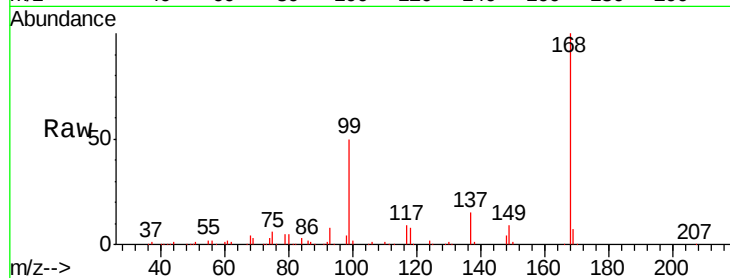
Tgt Ion: 56 Resp: 4083

Ion Ratio Lower Upper

56 100

69 180.7 29.4 44.0#

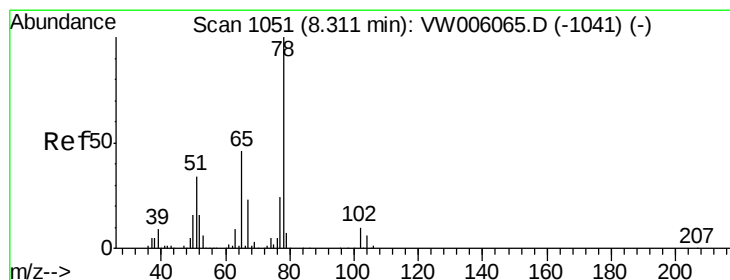
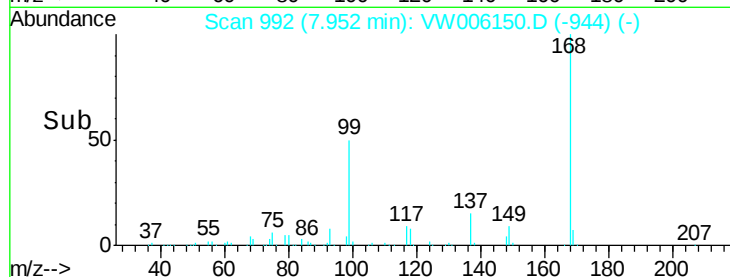
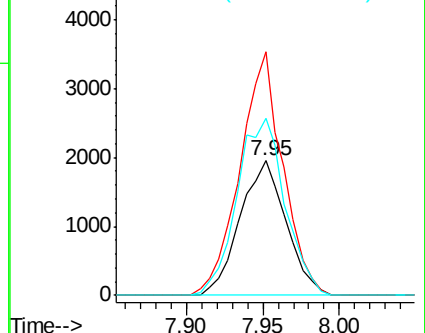
84 131.0 74.0 111.0#



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: 50.23 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006150.D

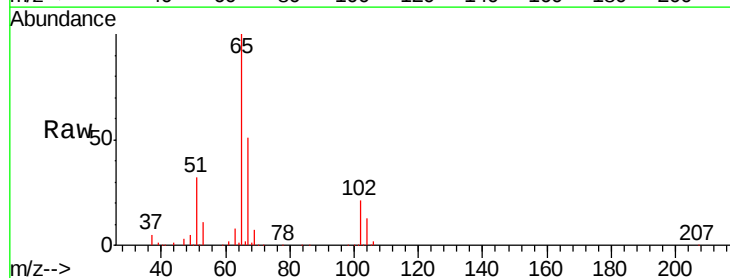
Acq: 18 Oct 2018 03:39

Tgt Ion: 65 Resp: 93689

Ion Ratio Lower Upper

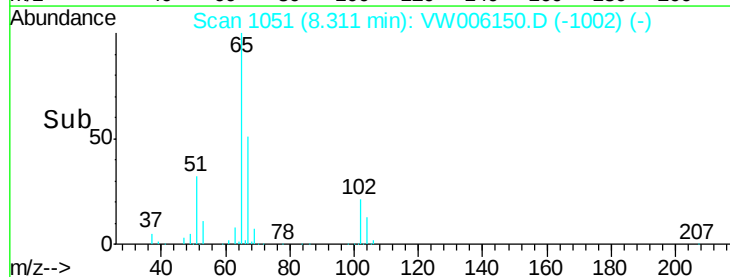
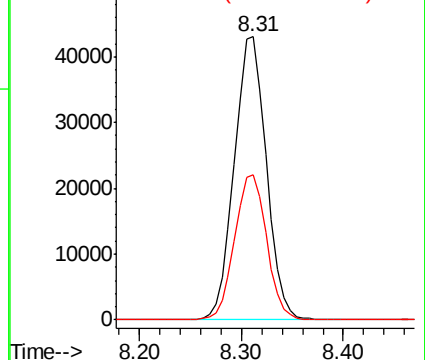
65 100

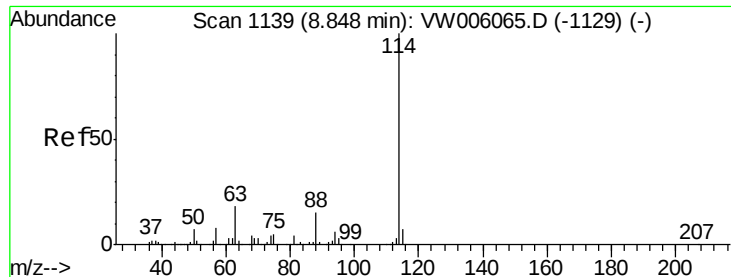
67 51.3 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

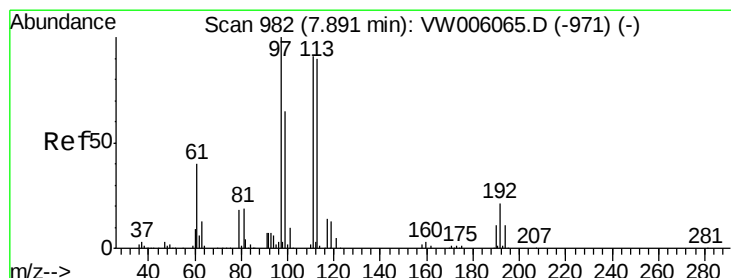
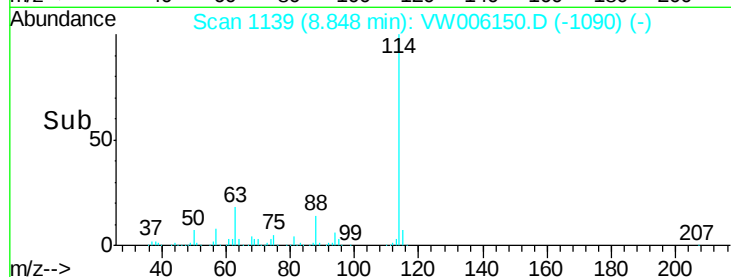
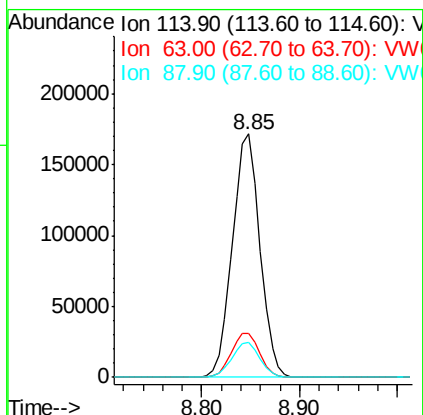
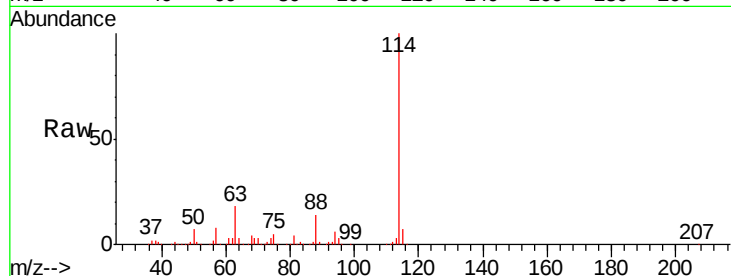




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006150.D
 Acq: 18 Oct 2018 03:39

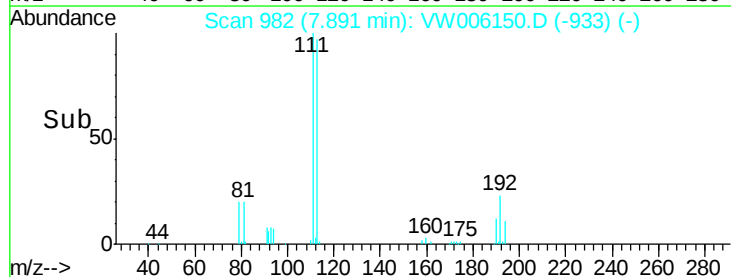
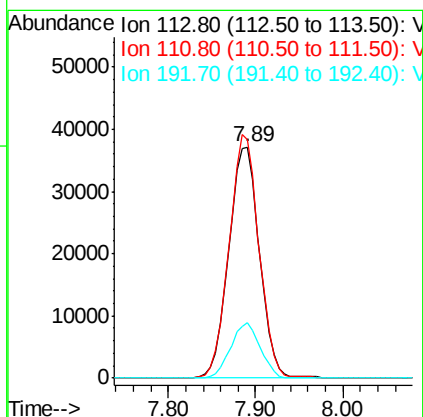
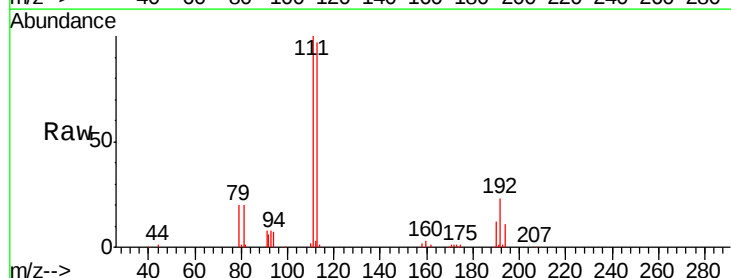
Instrument :
 MSVOA_W
 ClientSampleId :
 GSTS

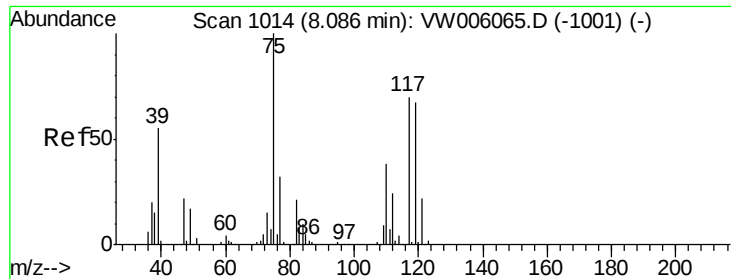
Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	36.8
88	14.5	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 45.85 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006150.D
 Acq: 18 Oct 2018 03:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.0
192	23.1	18.7	28.1

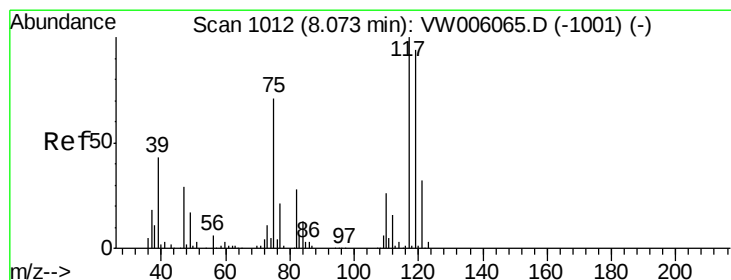
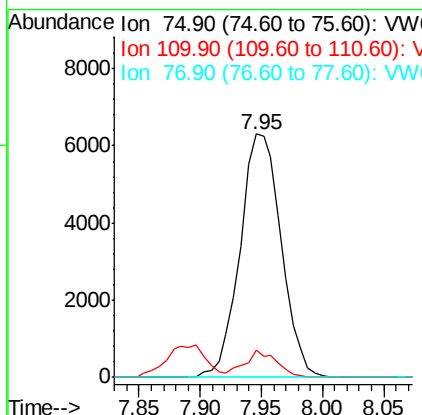
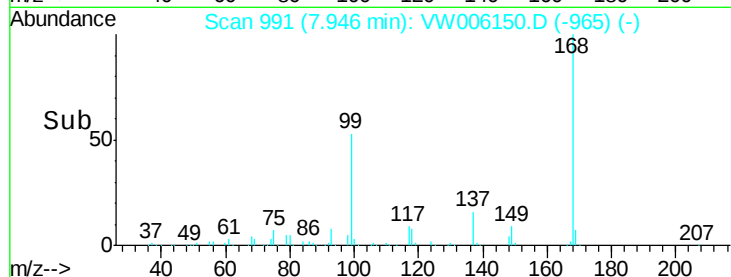
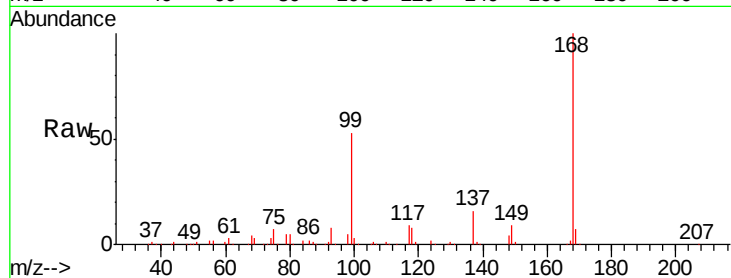




#36
 1,1-Dichloropropene
 Concen: 4.79 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006150.D
 Acq: 18 Oct 2018 03:39

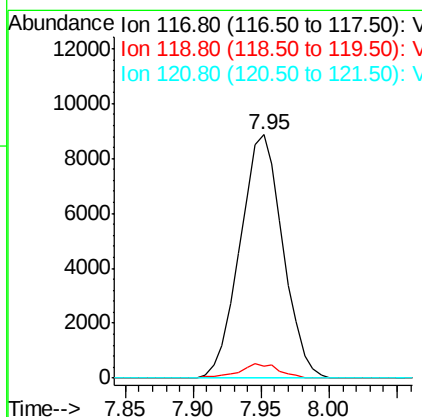
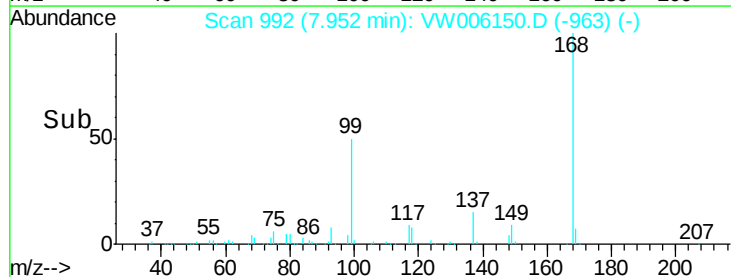
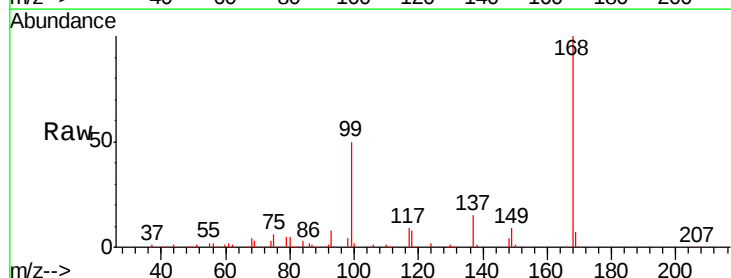
Instrument :
 MSVOA_W
 ClientSampleId :
 GSTS

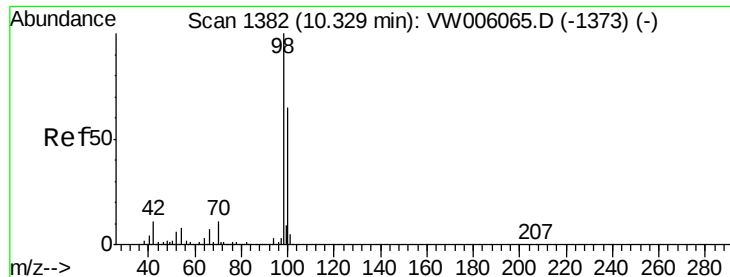
Tgt Ion: 75 Resp: 14765
 Ion Ratio Lower Upper
 75 100
 110 8.6 19.1 57.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.78 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006150.D
 Acq: 18 Oct 2018 03:39

Tgt Ion: 117 Resp: 19548
 Ion Ratio Lower Upper
 117 100
 119 5.1 75.2 112.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 41.22 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006150.D

Acq: 18 Oct 2018 03:39

Instrument :

MSVOA_W

ClientSampleId :

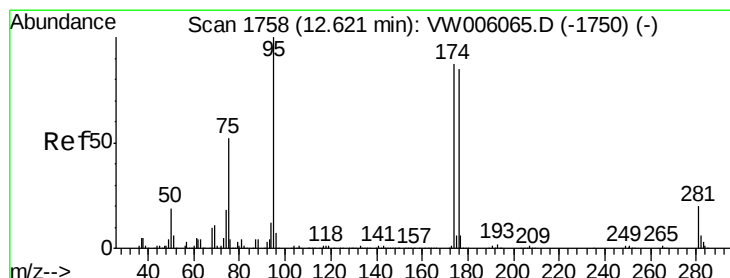
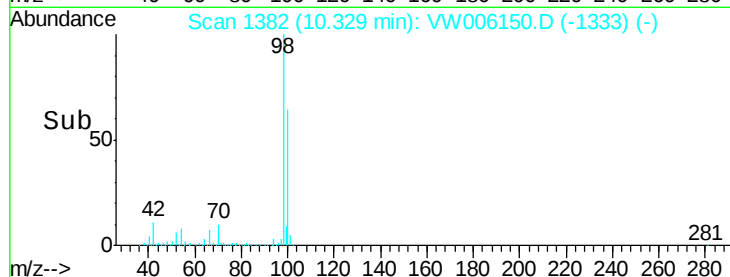
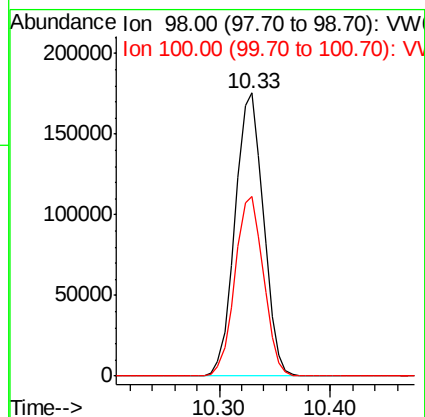
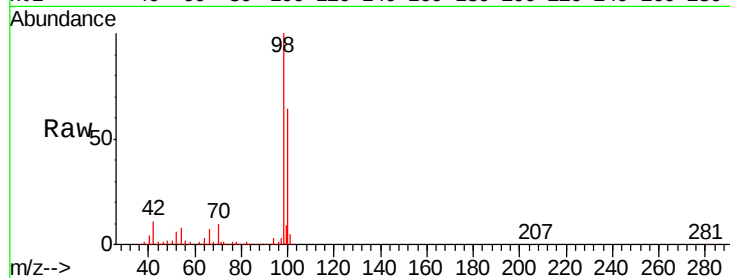
GSTS

Tgt Ion: 98 Resp: 310098

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 34.88 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006150.D

Acq: 18 Oct 2018 03:39

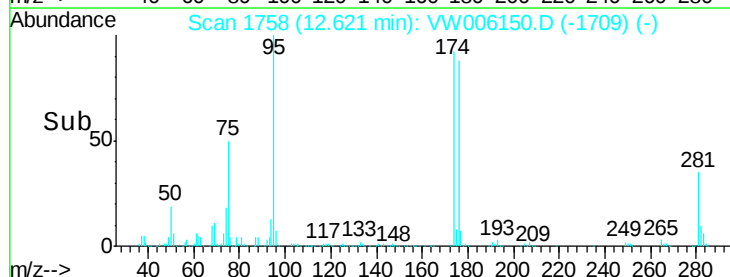
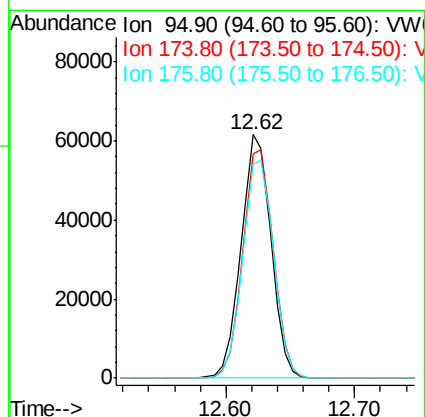
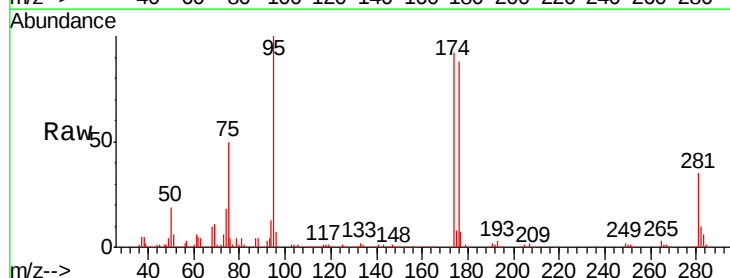
Tgt Ion: 95 Resp: 98563

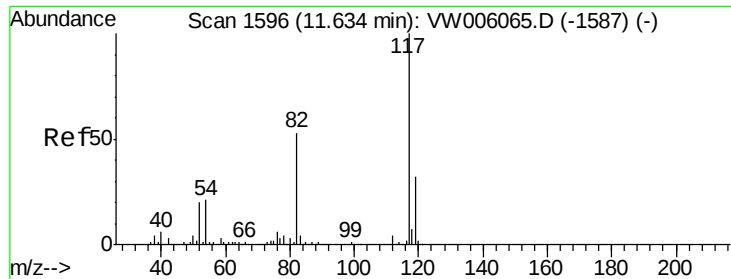
Ion Ratio Lower Upper

95 100

174 95.8 0.0 186.0

176 92.6 0.0 181.6

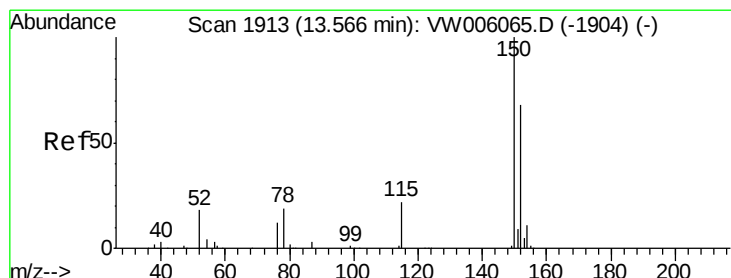
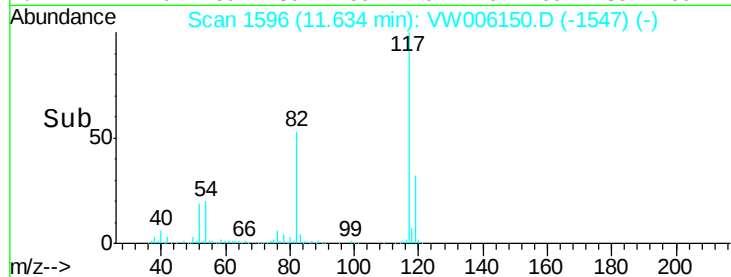
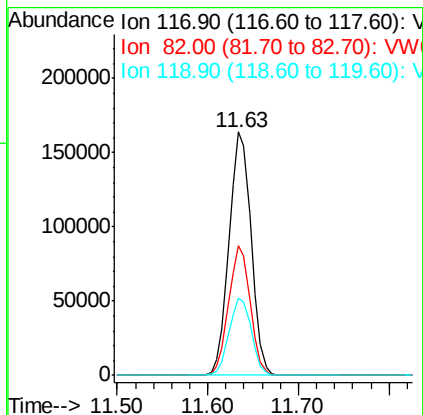
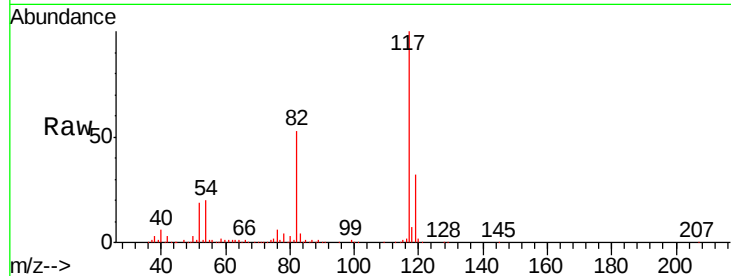




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006150.D
Acq: 18 Oct 2018 03:39

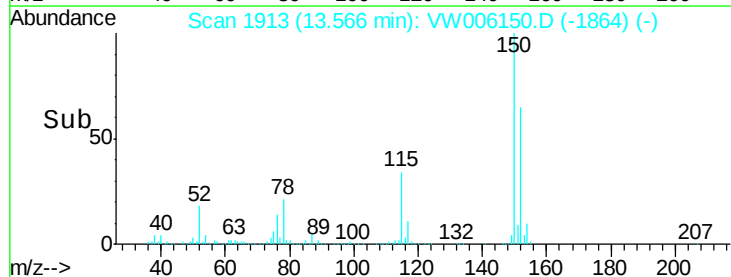
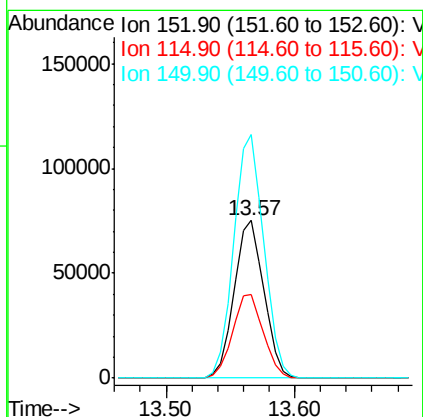
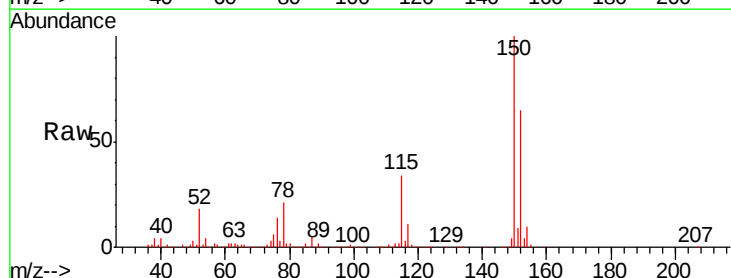
Instrument :
MSVOA_W
ClientSampled :
GSTS

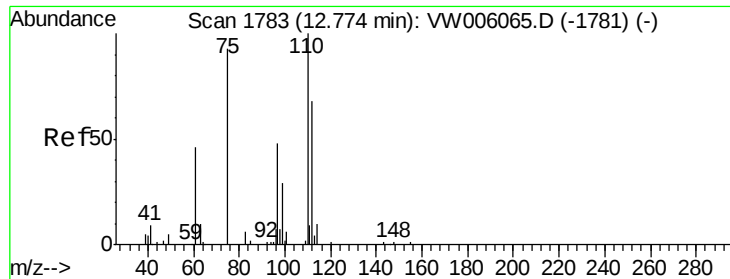
Tgt Ion:117 Resp: 276717
Ion Ratio Lower Upper
117 100
82 53.5 42.1 63.1
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006150.D
Acq: 18 Oct 2018 03:39

Tgt Ion:152 Resp: 120763
Ion Ratio Lower Upper
152 100
115 54.9 27.8 83.3
150 155.6 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 55.09 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006150.D

Acq: 18 Oct 2018 03:39

Instrument :

MSVOA_W

ClientSampleId :

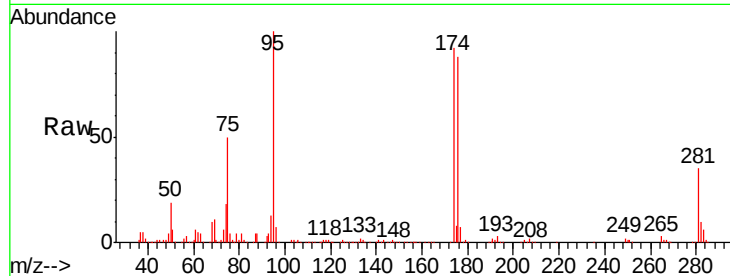
GSTS

Tgt Ion: 75 Resp: 50819

Ion Ratio Lower Upper

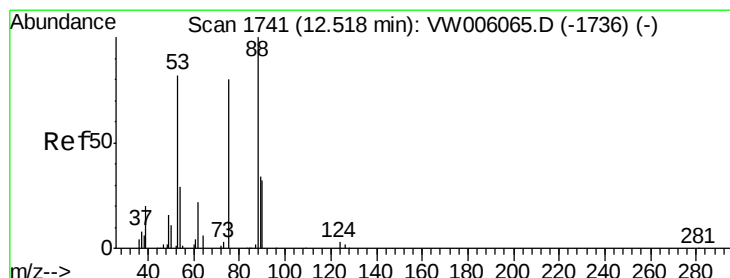
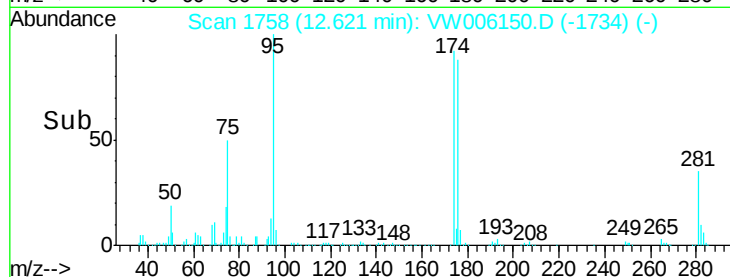
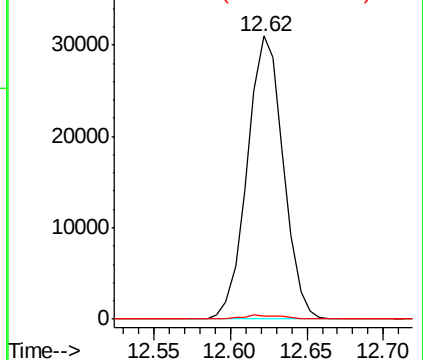
75 100

77 1.6 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: 131.70 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006150.D

Acq: 18 Oct 2018 03:39

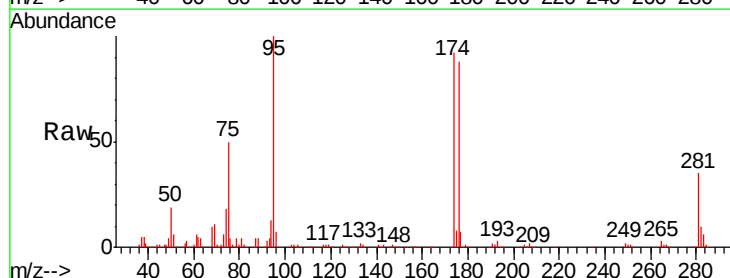
Tgt Ion: 75 Resp: 50819

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

