

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101818\
 Data File : VW006181.D
 Acq On : 18 Oct 2018 17:36
 Operator : VA/AP
 Sample : J5575-15
 Misc : 5.49G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-24-T

Quant Time: Oct 19 06:02:56 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	267887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	388905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	148586	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	107048	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
35) Dibromofluoromethane	7.88	113	101735	44.27	ug/l	0.00
Spiked Amount			Recovery	=	88.54%	
50) Toluene-d8	10.33	98	361832	41.39	ug/l	0.00
Spiked Amount			Recovery	=	82.78%	
62) 4-Bromofluorobenzene	12.62	95	119761	36.47	ug/l	0.00
Spiked Amount			Recovery	=	72.94%	

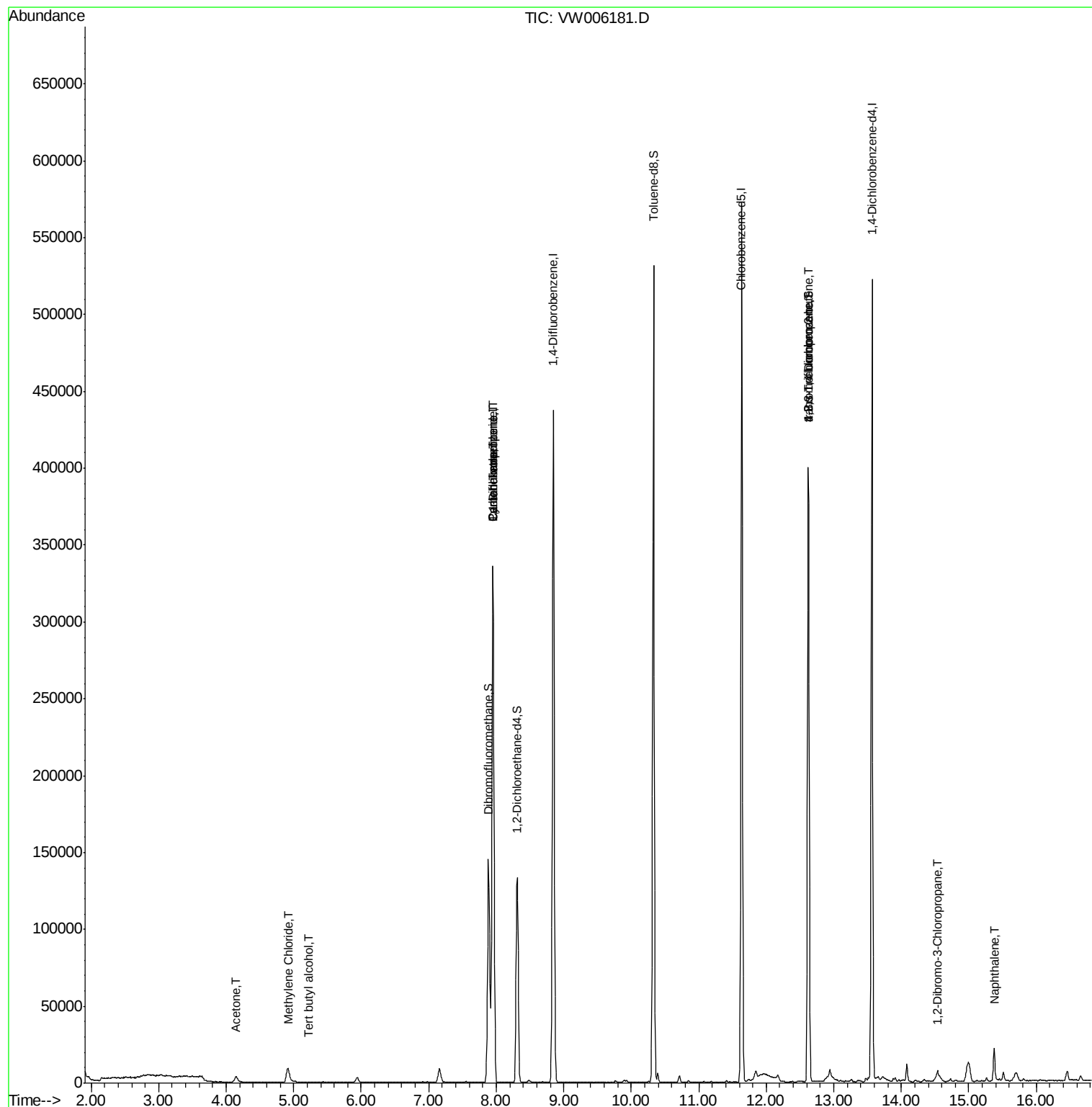
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.22	59	261	1.747	ug/l #	71
16) Acetone	4.15	43	7524	3.459	ug/l	94
20) Methylene Chloride	4.92	84	7947	1.813	ug/l	91
31) Cyclohexane	7.95	56	4670	1.149	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17440	4.865	ug/l #	48
38) Carbon Tetrachloride	7.95	117	24274	6.177	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	61766	54.424	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	61766	130.095	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.54	75	286	1.001	ug/l #	1
95) Naphthalene	15.38	128	19478	3.334	ug/l	99

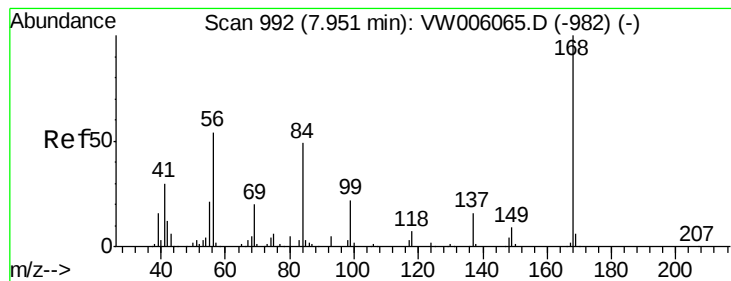
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SSSI-1015-S-DH-24-T

Quant Time: Oct 19 06:02:56 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: VW006181.D

Acq: 18 Oct 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

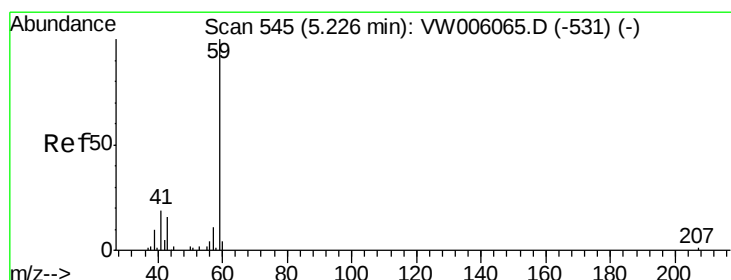
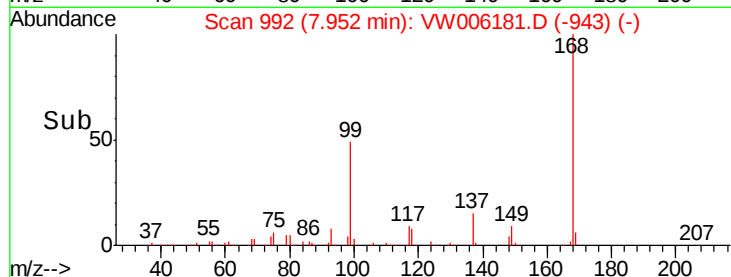
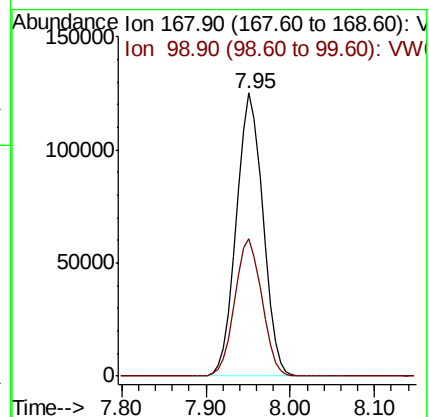
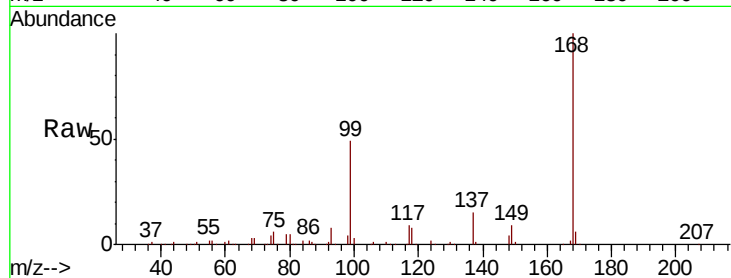
SSSI-1015-S-DH-24-T

Tot Ion:168 Resp: 267887

Ion Ratio Lower Upper

168 100

99 48.7 39.9 59.9



#11

Tert butyl alcohol

Concen: 1.747 ug/l

RT: 5.22 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW006181.D

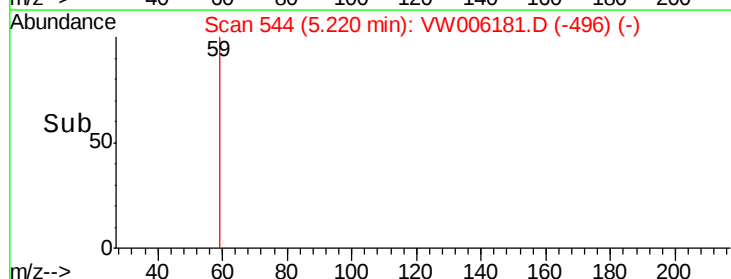
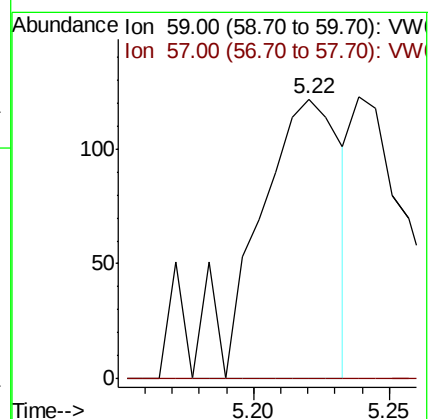
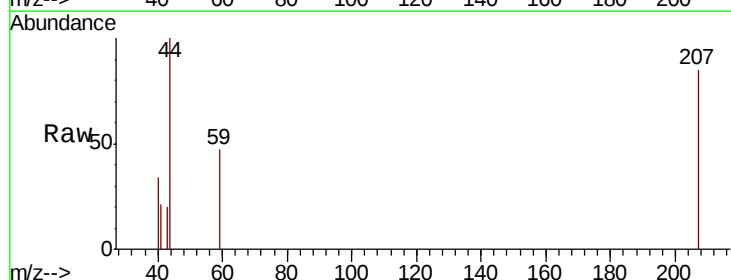
Acq: 18 Oct 2018 17:36

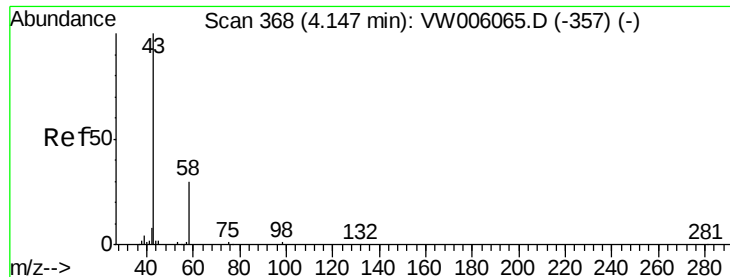
Tgt Ion: 59 Resp: 261

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#





#16

Acetone

Concen: 3.459 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006181.D

Acq: 18 Oct 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

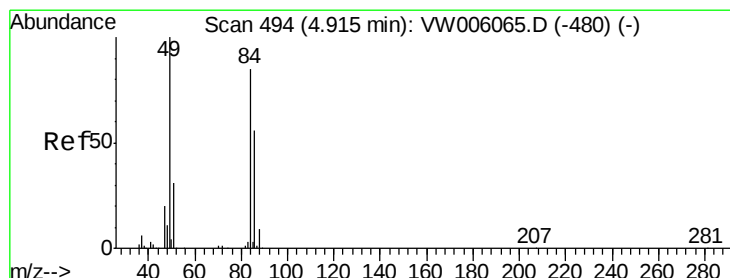
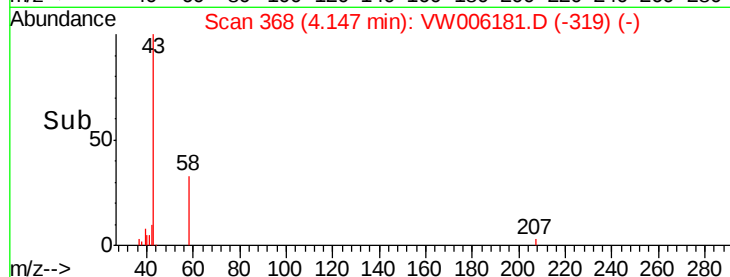
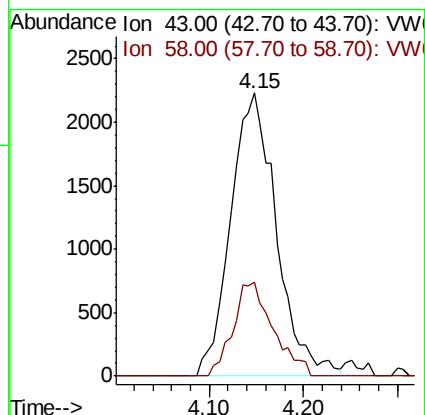
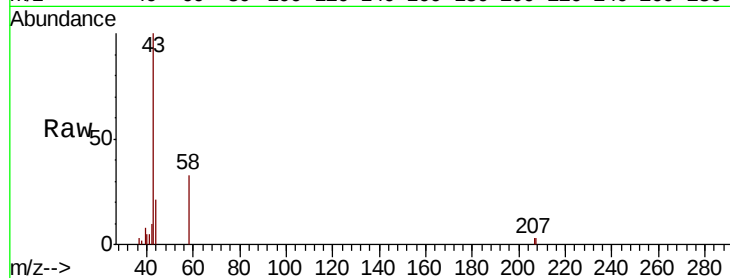
SSSI-1015-S-DH-24-T

Tot Ion: 43 Resp: 7524

Ion Ratio Lower Upper

43 100

58 33.0 24.0 36.0



#20

Methylene Chloride

Concen: 1.813 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006181.D

Acq: 18 Oct 2018 17:36

Tgt Ion: 84 Resp: 7947

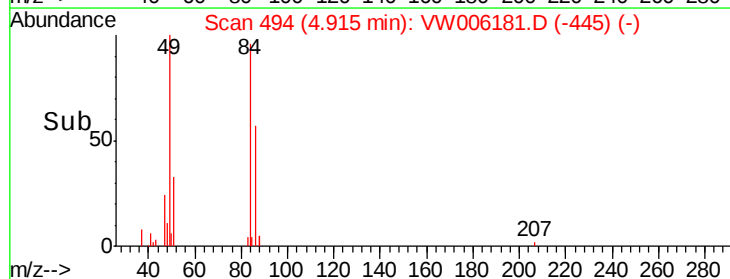
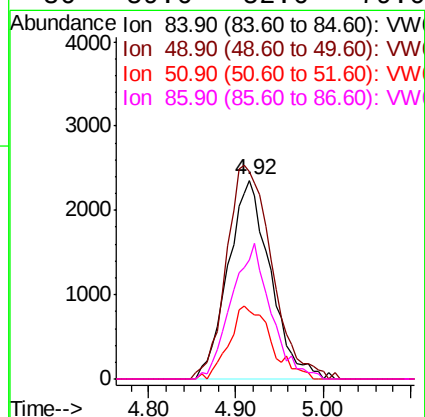
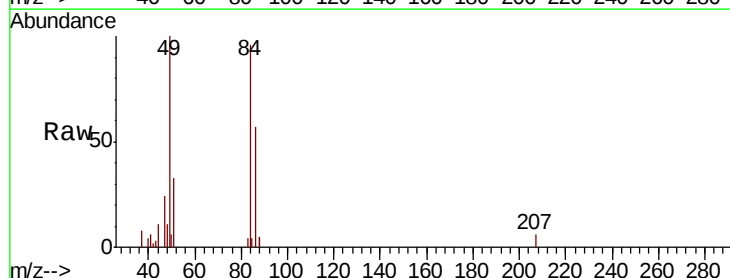
Ion Ratio Lower Upper

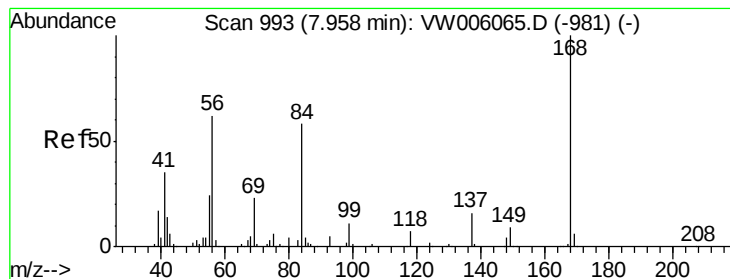
84 100

49 104.2 93.6 140.4

51 34.3 29.0 43.4

86 59.6 52.6 79.0





#31

Cyclohexane

Concen: 1.149 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006181.D

Acq: 18 Oct 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1015-S-DH-24-T

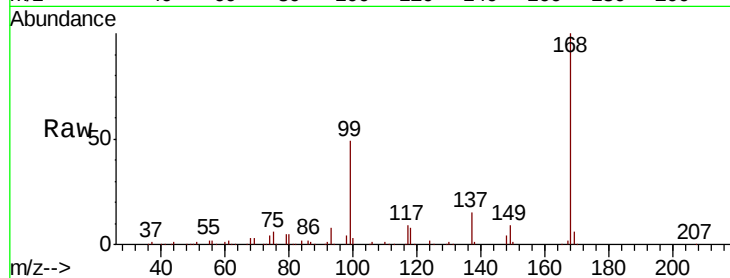
Tot Ion: 56 Resp: 4670

Ion Ratio Lower Upper

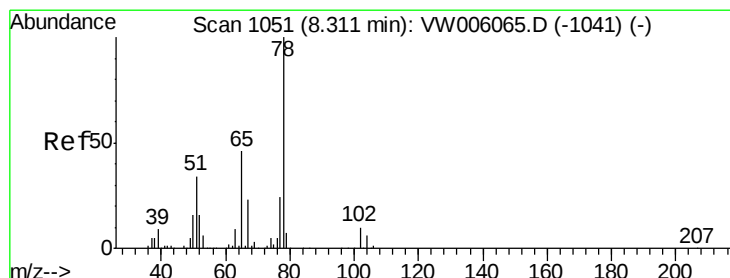
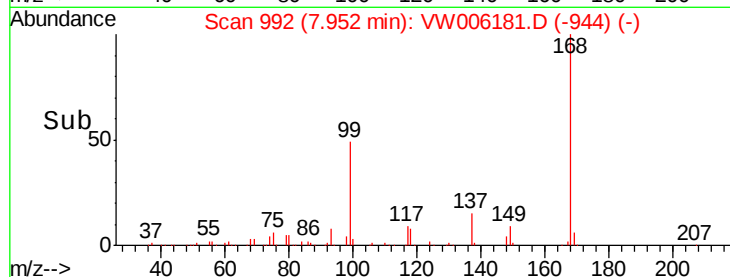
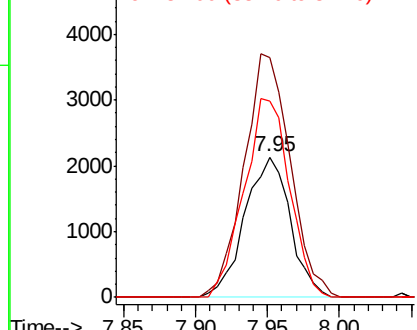
56 100

69 171.4 29.4 44.0#

84 139.6 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: 48.200 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006181.D

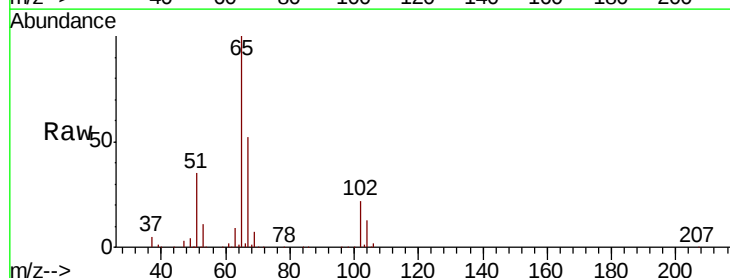
Acq: 18 Oct 2018 17:36

Tgt Ion: 65 Resp: 107048

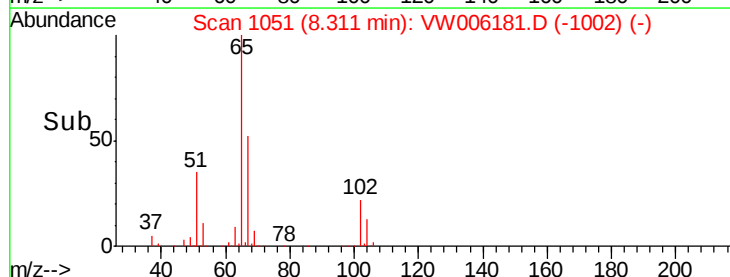
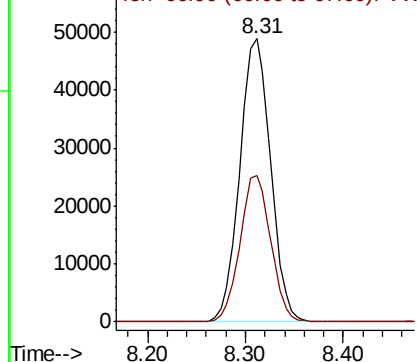
Ion Ratio Lower Upper

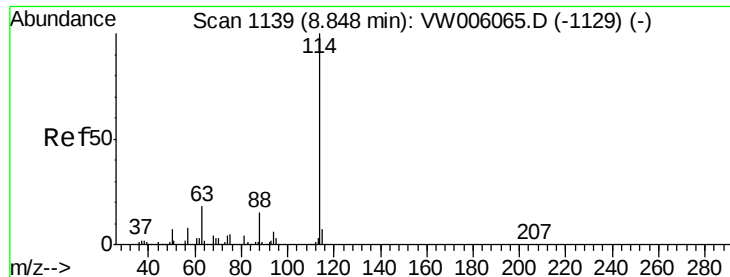
65 100

67 51.5 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

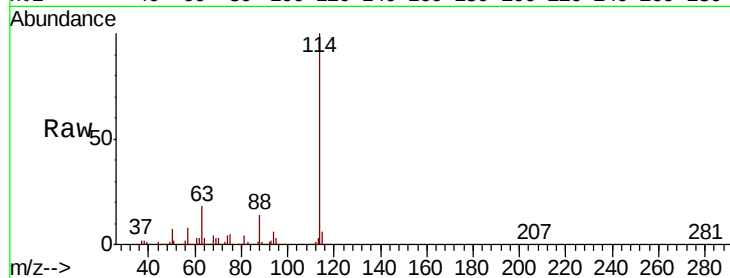




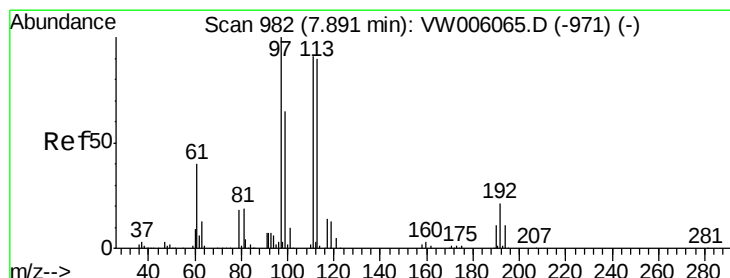
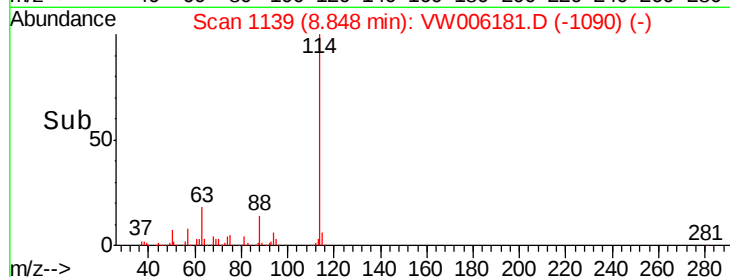
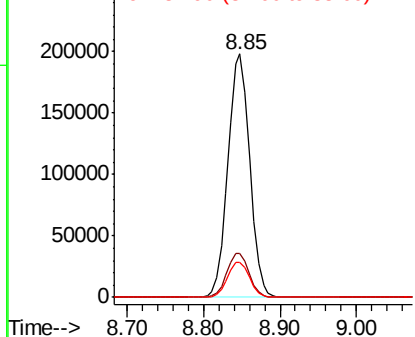
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006181.D
 Acq: 18 Oct 2018 17:36

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-24-T

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	36.8
88	14.4	0.0	29.0

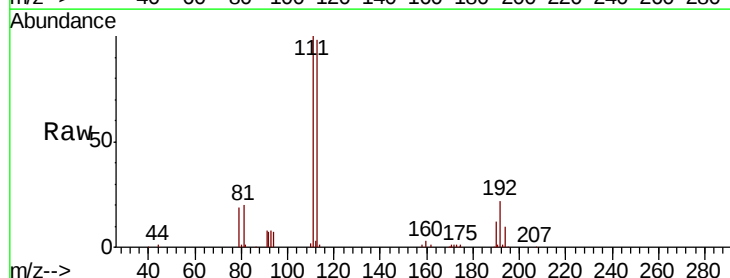


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

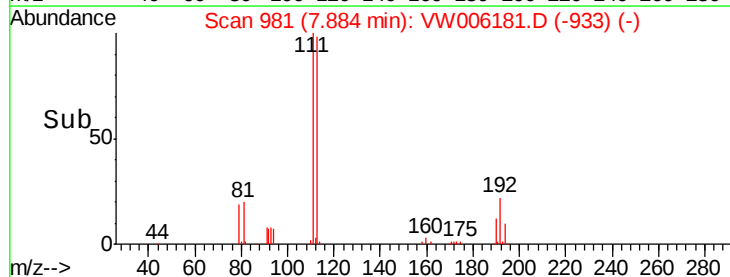
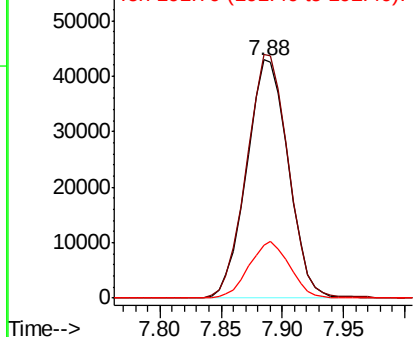


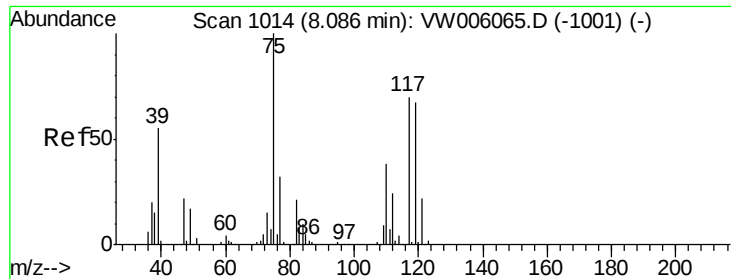
#35
 Dibromofluoromethane
 Concen: 44.271 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006181.D
 Acq: 18 Oct 2018 17:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.0
192	23.2	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

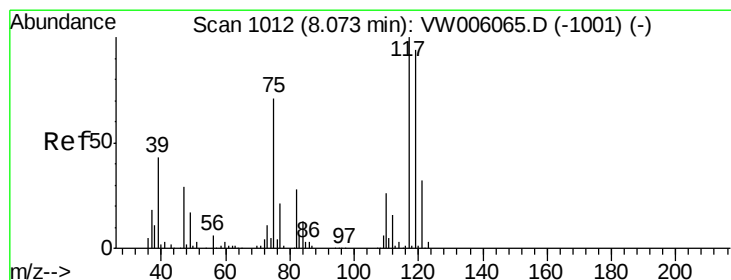
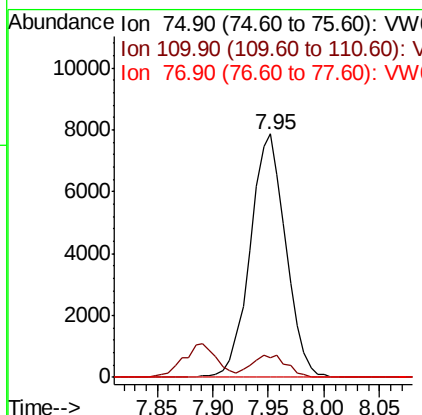
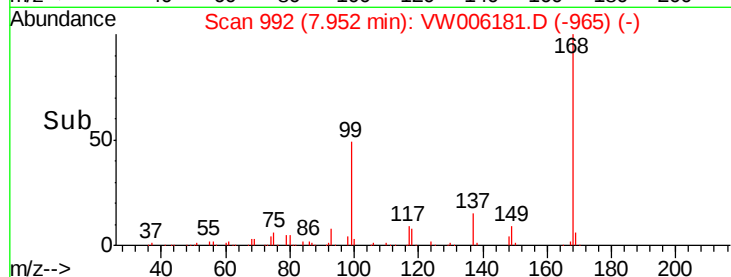
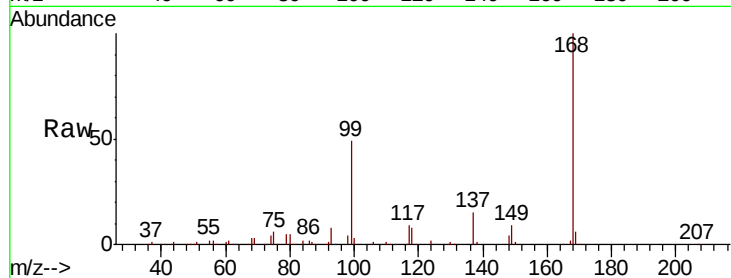




#36
 1,1-Dichloropropene
 Concen: 4.865 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006181.D
 Acq: 18 Oct 2018 17:36

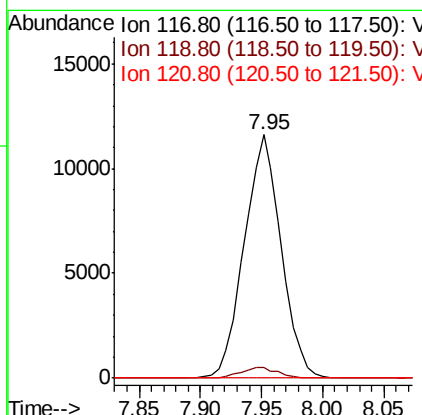
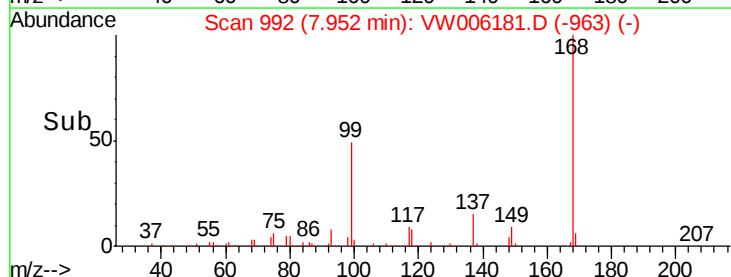
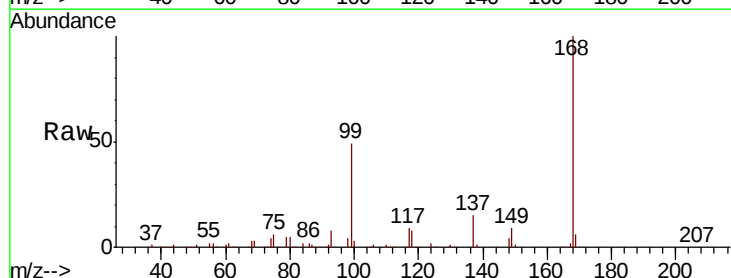
Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-24-T

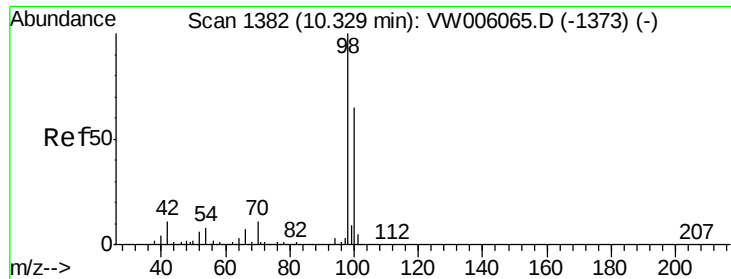
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.177 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006181.D
 Acq: 18 Oct 2018 17:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 41.386 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006181.D

Acq: 18 Oct 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

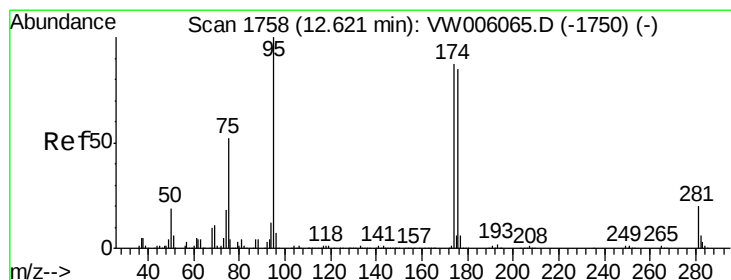
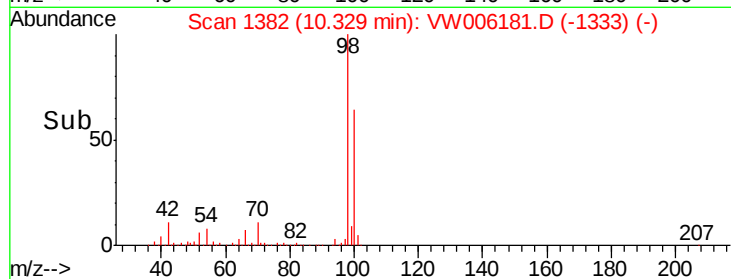
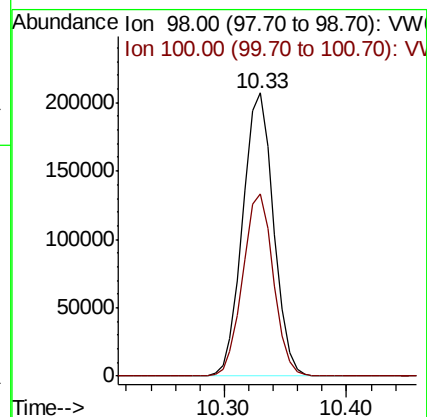
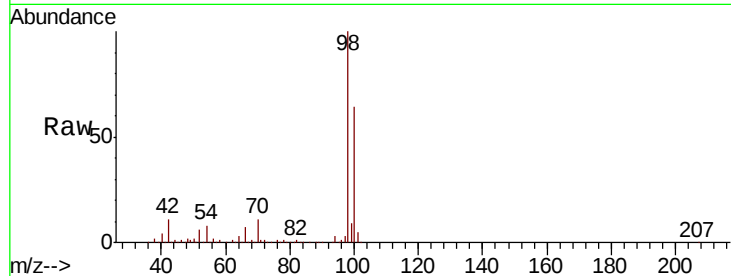
SSSI-1015-S-DH-24-T

Tot Ion: 98 Resp: 361832

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 36.471 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006181.D

Acq: 18 Oct 2018 17:36

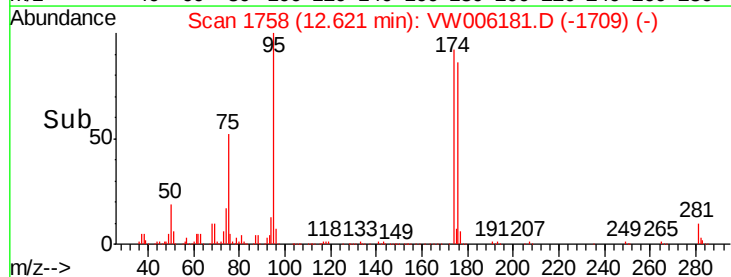
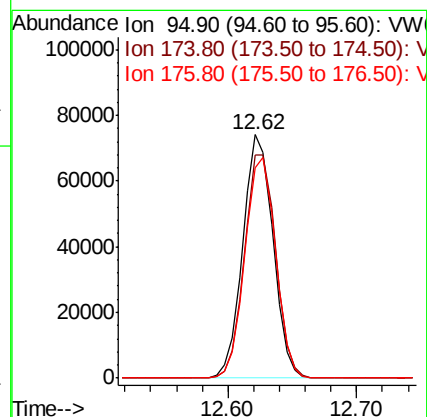
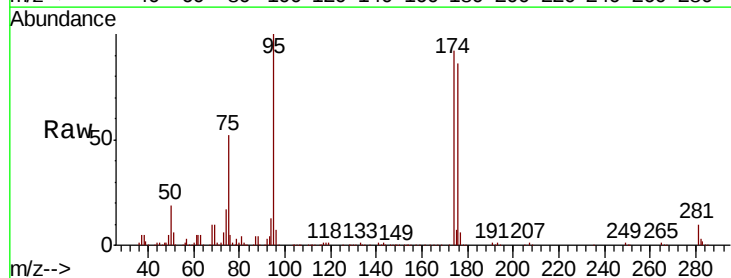
Tgt Ion: 95 Resp: 119761

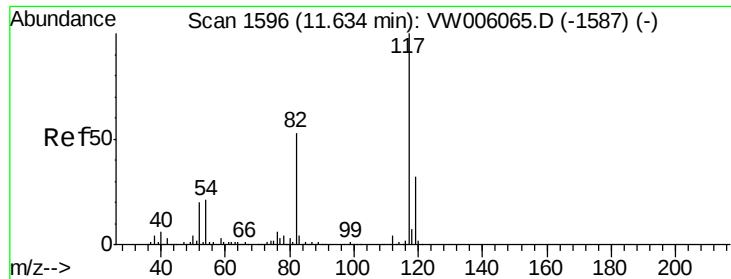
Ion Ratio Lower Upper

95 100

174 95.1 0.0 186.0

176 92.4 0.0 181.6

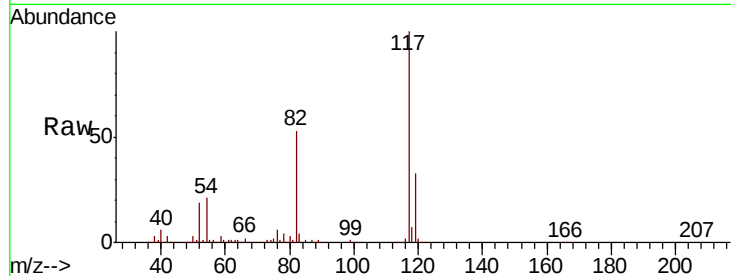




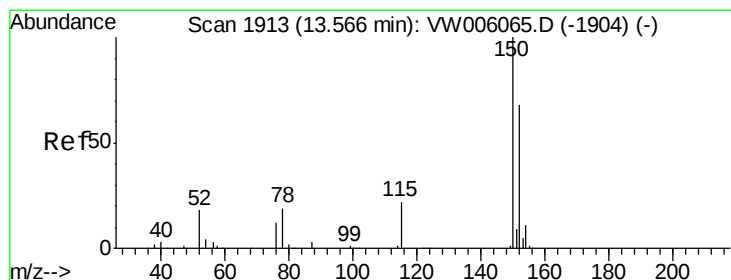
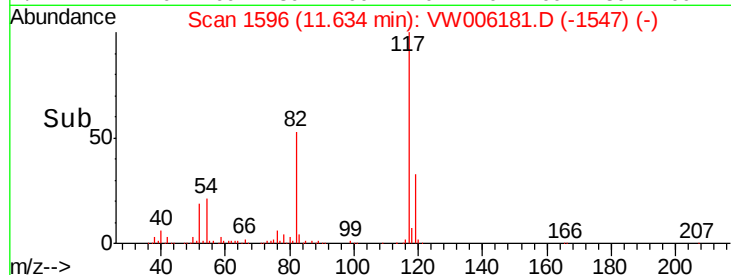
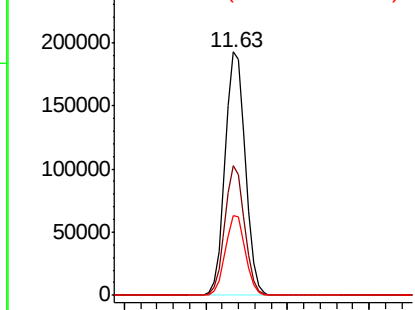
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006181.D
Acq: 18 Oct 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1015-S-DH-24-T

Tot Ion:117 Resp: 327296
Ion Ratio Lower Upper
117 100
82 53.1 42.1 63.1
119 32.8 25.8 38.6

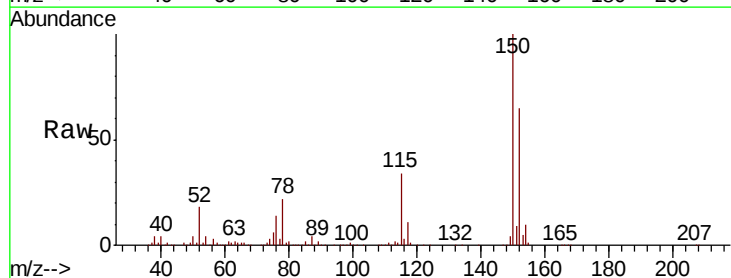


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

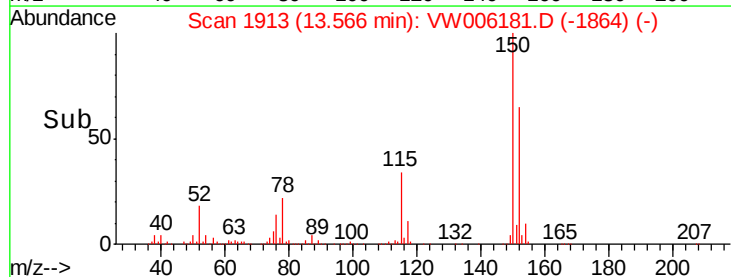
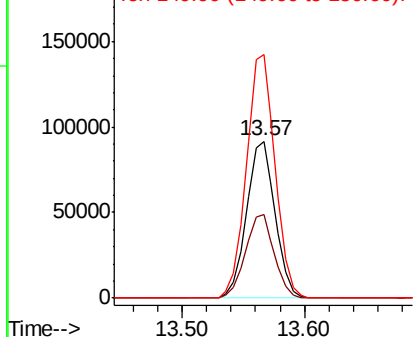


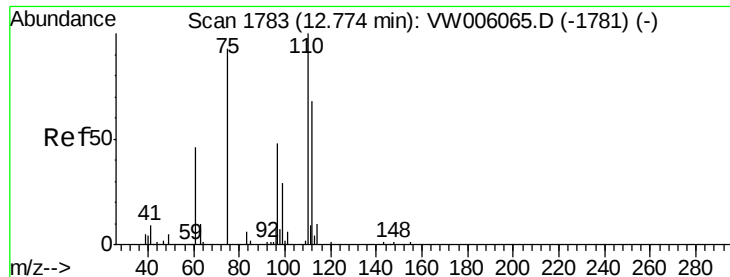
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006181.D
Acq: 18 Oct 2018 17:36

Tgt Ion:152 Resp: 148586
Ion Ratio Lower Upper
152 100
115 53.7 27.8 83.3
150 155.5 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: 54.424 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006181.D

Acq: 18 Oct 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

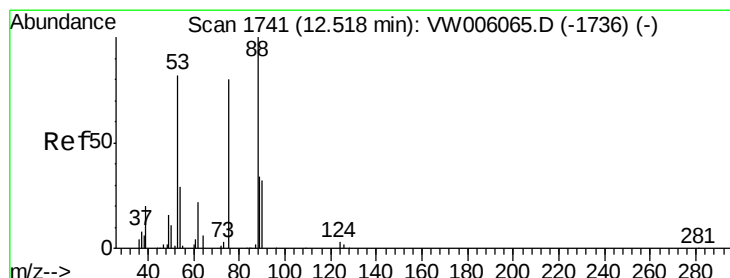
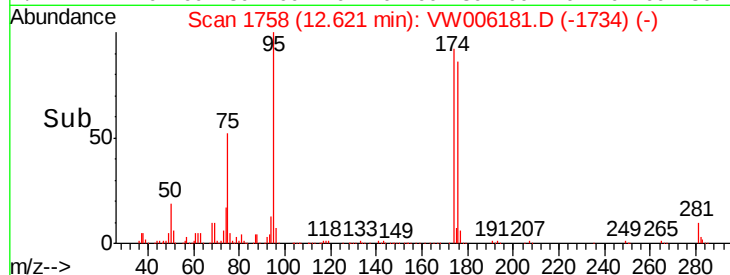
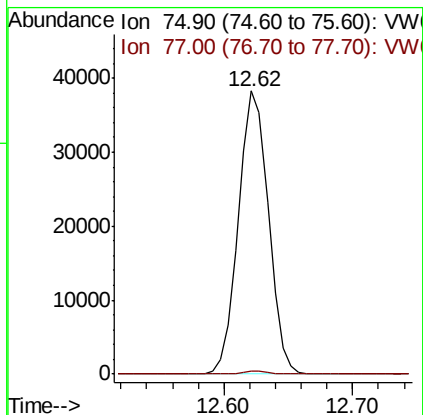
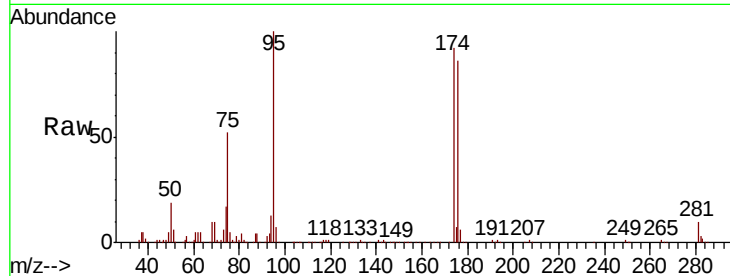
SSSI-1015-S-DH-24-T

Tot Ion: 75 Resp: 61766

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 130.095 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006181.D

Acq: 18 Oct 2018 17:36

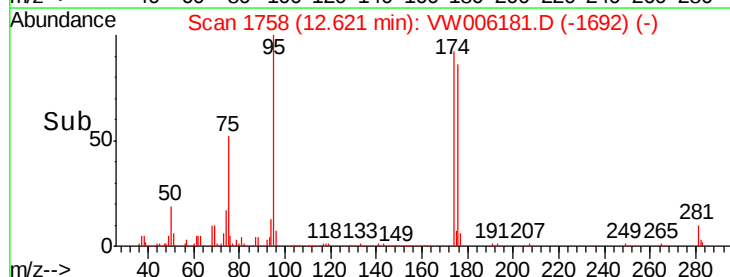
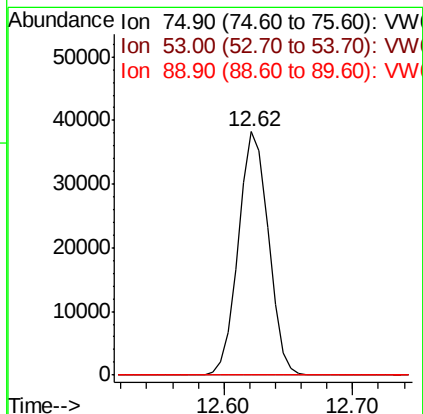
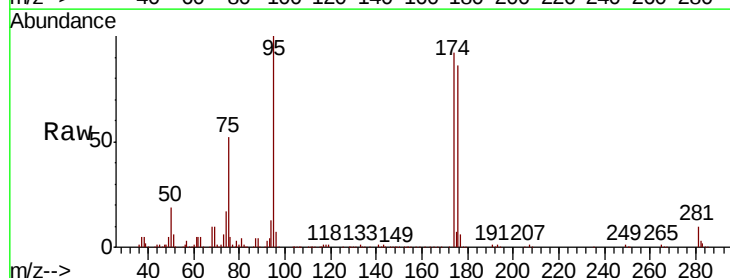
Tgt Ion: 75 Resp: 61766

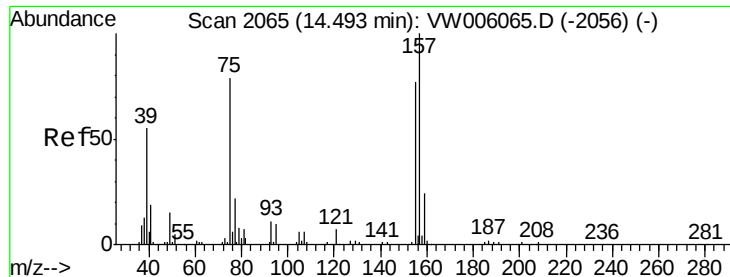
Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#

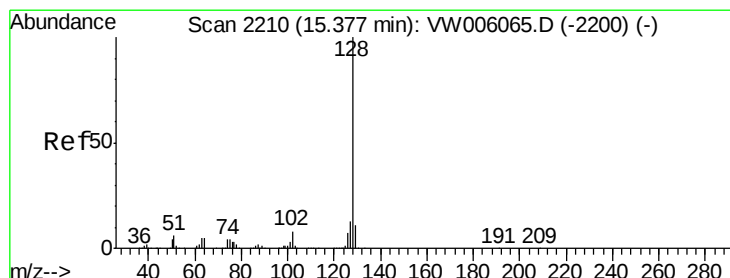
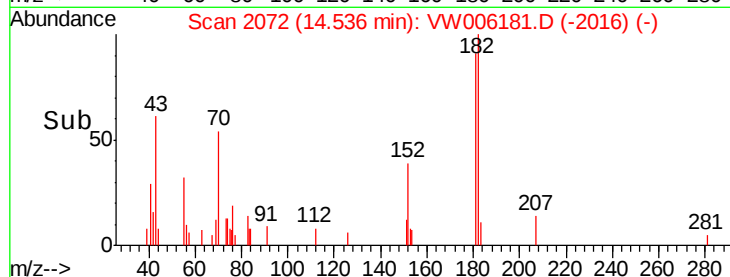
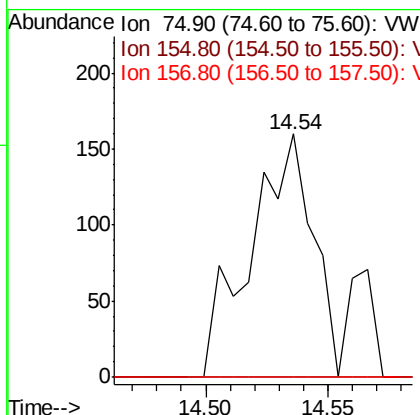
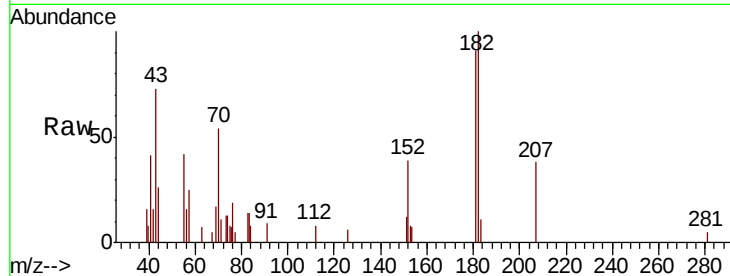




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.001 ug/l
 RT: 14.54 min Scan# 2072
 Delta R.T. 0.04 min
 Lab File: VW006181.D
 Acq: 18 Oct 2018 17:36

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-24-T

Tot Ion: 75 Resp: 286
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.5 139.5#
 157 0.0 59.8 179.4#



#95
 Naphthalene
 Concen: 3.334 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW006181.D
 Acq: 18 Oct 2018 17:36

Tgt Ion: 128 Resp: 19478
 Ion Ratio Lower Upper
 128 100
 127 12.5 10.3 15.5
 129 11.0 8.7 13.1

