

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101818\
 Data File : VW006183.D
 Acq On : 18 Oct 2018 18:28
 Operator : VA/AP
 Sample : J5575-19
 Misc : 5.55G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1016-S-DH-23

Quant Time: Oct 19 06:03:16 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	263134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	384835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	348483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	185080	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	115386	52.89	ug/l	0.00
Spiked Amount						
			Recovery	=	105.78%	
35) Dibromofluoromethane	7.89	113	113021	49.70	ug/l	0.00
Spiked Amount						
			Recovery	=	99.40%	
50) Toluene-d8	10.33	98	419692	48.51	ug/l	0.00
Spiked Amount						
			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.62	95	155416	47.83	ug/l	0.00
Spiked Amount						
			Recovery	=	95.66%	

Target Compounds

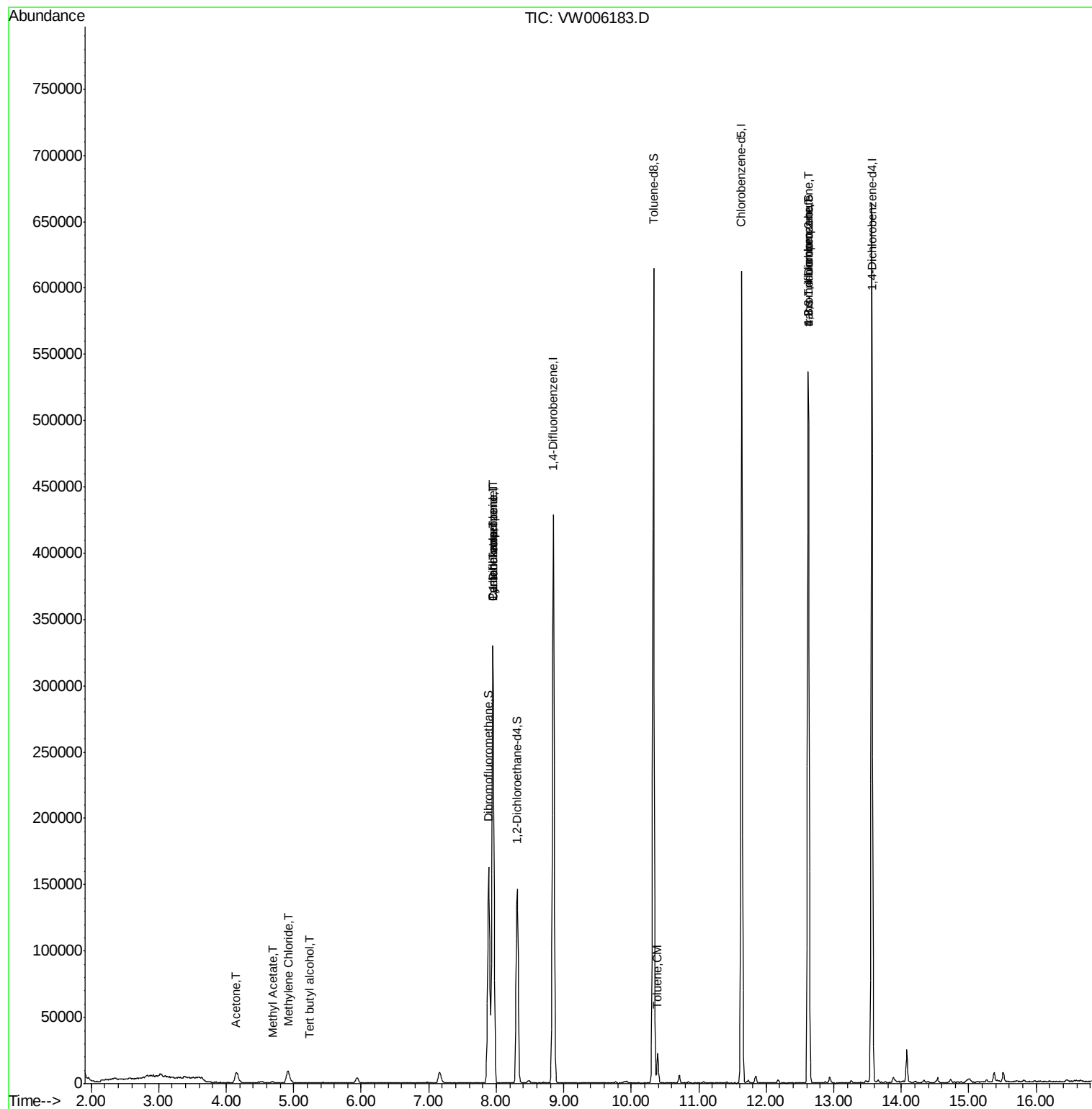
						Qvalue
11) Tert butyl alcohol	5.23	59	206	1.404	ug/l #	71
16) Acetone	4.15	43	17695	30.221	ug/l	94
18) Methyl Acetate	4.69	43	1906	1.736	ug/l #	81
20) Methylene Chloride	4.92	84	7758	1.792	ug/l	93
31) Cyclohexane	7.95	56	4659	1.167	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	17117	4.826	ug/l #	50
38) Carbon Tetrachloride	7.95	117	23481	6.039	ug/l #	15
52) Toluene	10.40	92	9693	1.486	ug/l	96
76) 1,2,3-Trichloropropane	12.62	75	79339	56.124	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	79339	134.158	ug/l #	10

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

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MSVOA_W
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SSSI-1016-S-DH-23

Quant Time: Oct 19 06:03:16 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: VW006183.D

Acq: 18 Oct 2018 18:28

Instrument :

MSVOA_W

ClientSampleId :

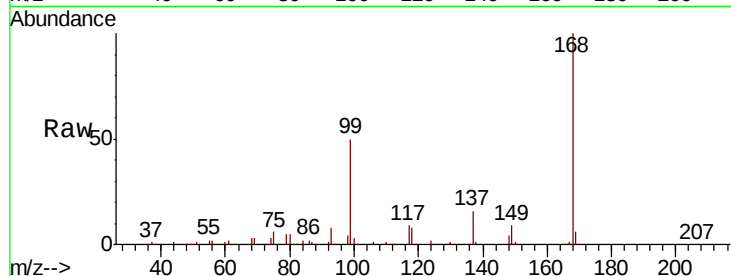
SSSI-1016-S-DH-23

Tot Ion:168 Resp: 263134

Ion Ratio Lower Upper

168 100

99 49.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

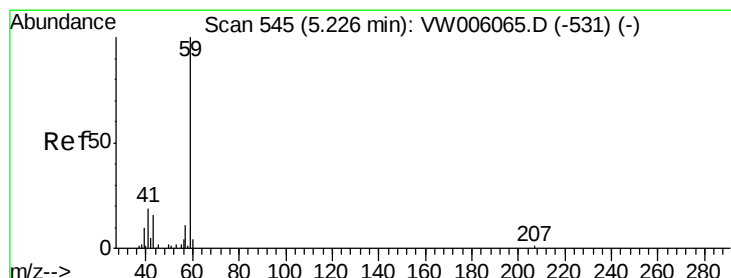
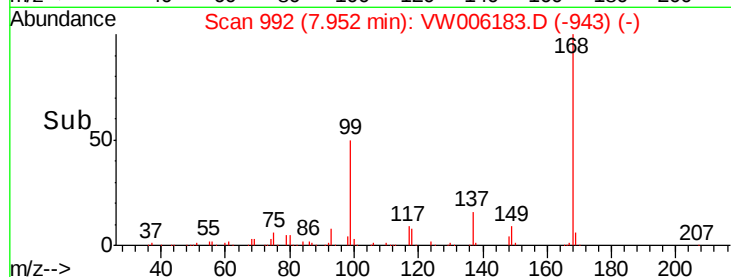
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.404 ug/l

RT: 5.23 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW006183.D

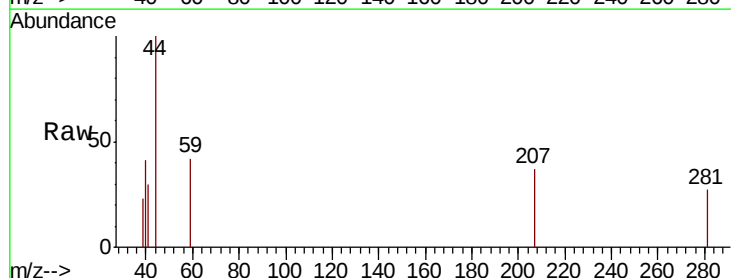
Acq: 18 Oct 2018 18:28

Tgt Ion: 59 Resp: 206

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

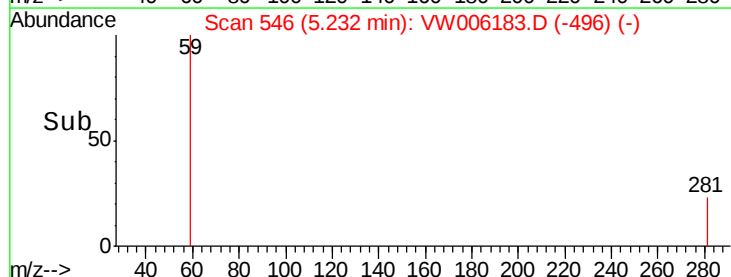
5.23

100

50

0

Time-->





#16

Acetone

Concen: 30.221 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006183.D

Acq: 18 Oct 2018 18:28

Instrument :

MSVOA_W

ClientSampleId :

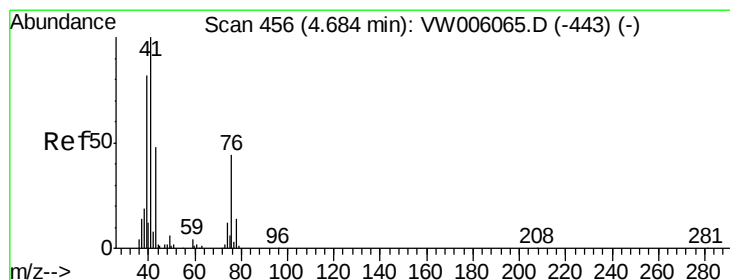
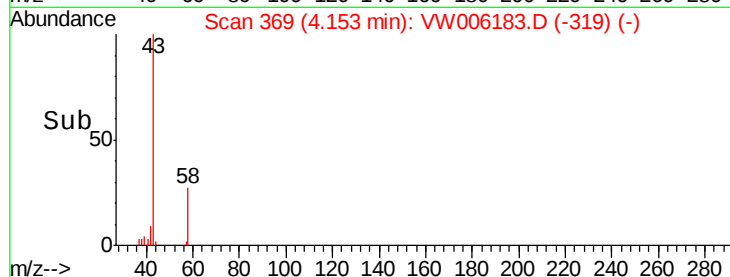
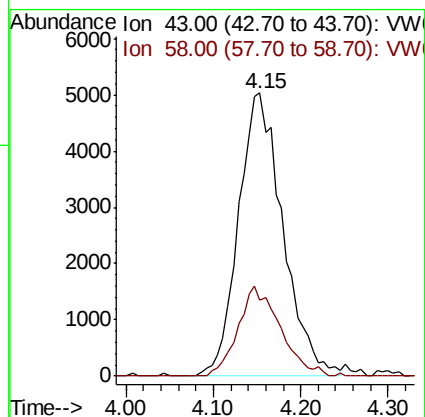
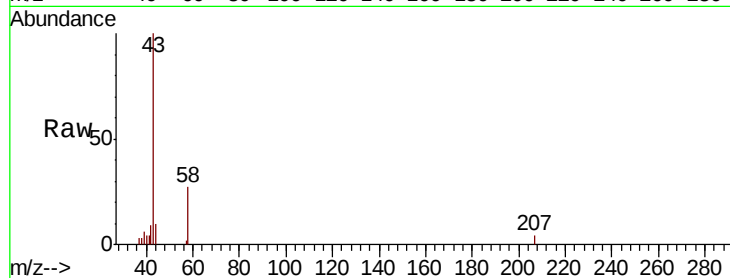
SSSI-1016-S-DH-23

Tot Ion: 43 Resp: 17695

Ion Ratio Lower Upper

43 100

58 26.6 24.0 36.0



#18

Methyl Acetate

Concen: 1.736 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW006183.D

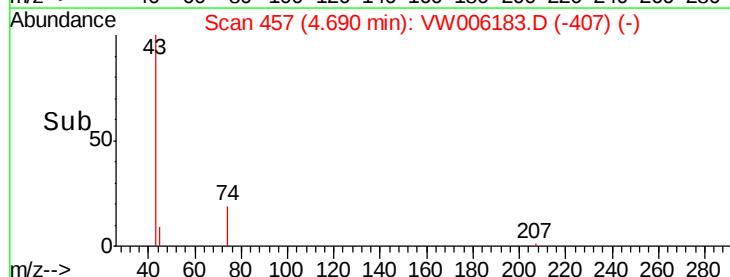
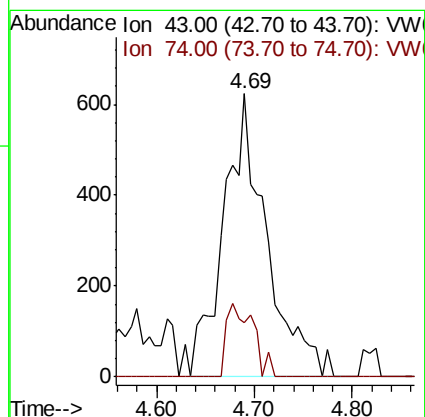
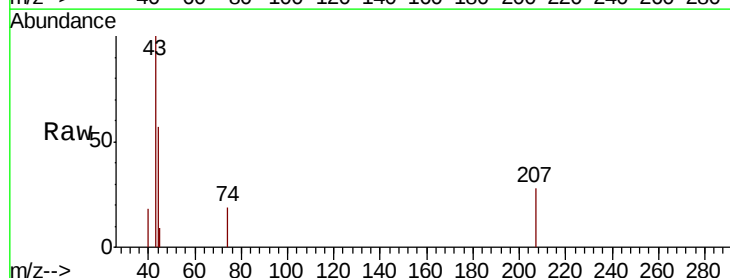
Acq: 18 Oct 2018 18:28

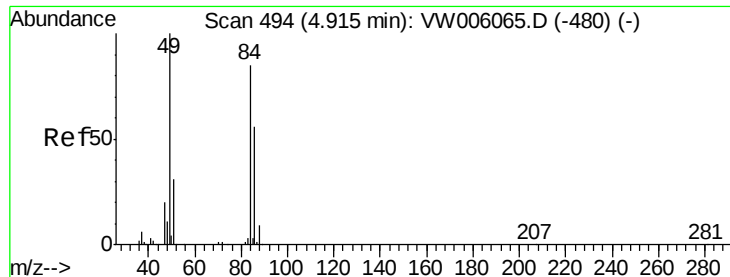
Tgt Ion: 43 Resp: 1906

Ion Ratio Lower Upper

43 100

74 15.8 20.5 30.7#





#20

Methylene Chloride

Concen: 1.792 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006183.D

Acq: 18 Oct 2018 18:28

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1016-S-DH-23

Tot Ion: 84 Resp: 7758

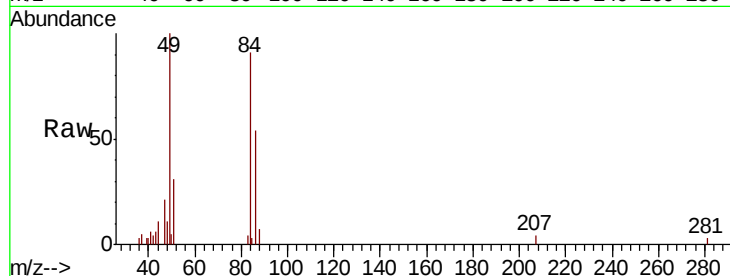
Ion Ratio Lower Upper

84 100

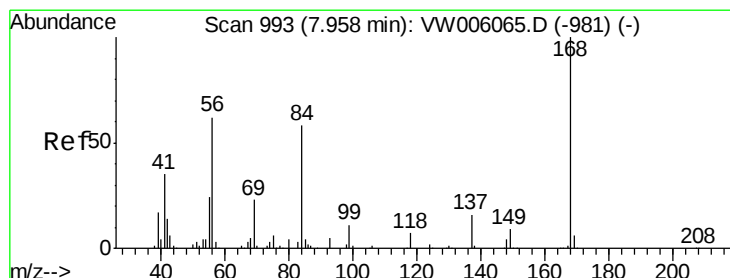
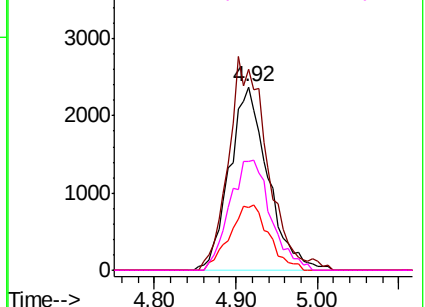
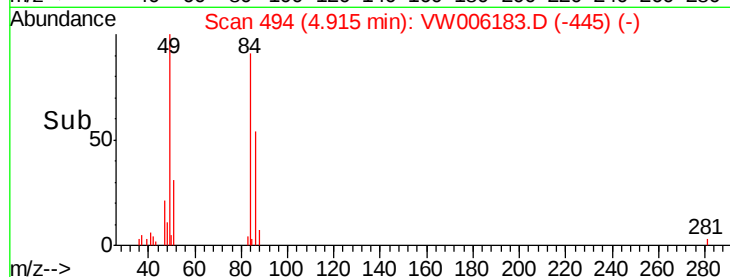
49 109.9 93.6 140.4

51 34.2 29.0 43.4

86 59.1 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: 1.167 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006183.D

Acq: 18 Oct 2018 18:28

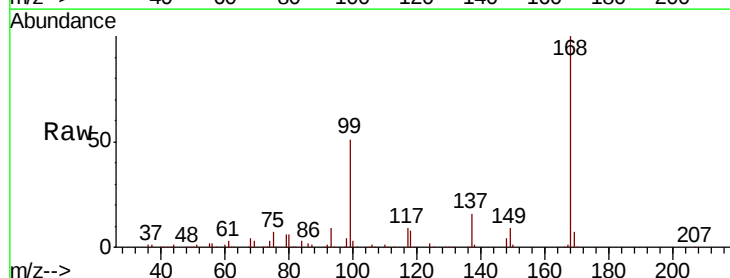
Tgt Ion: 56 Resp: 4659

Ion Ratio Lower Upper

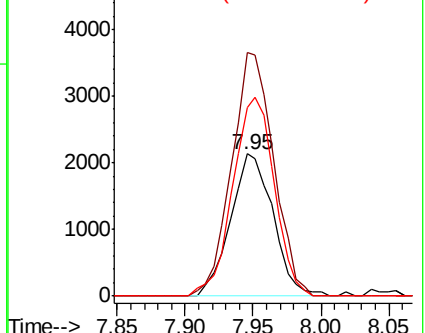
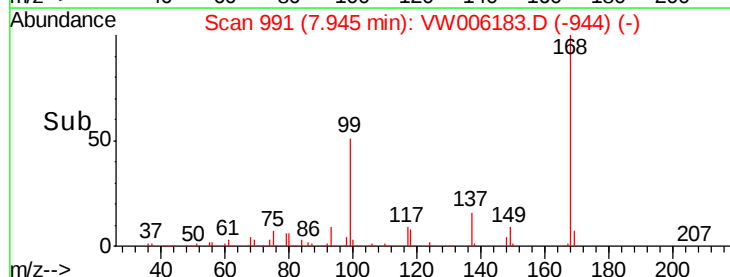
56 100

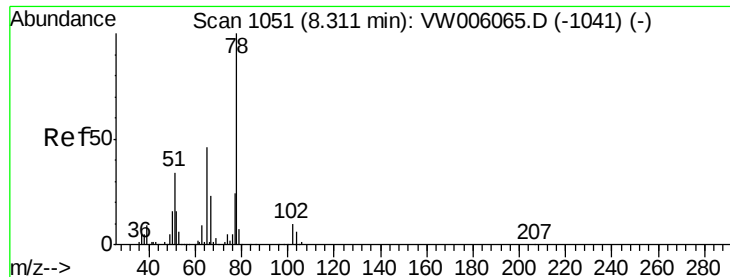
69 171.6 29.4 44.0#

84 133.4 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

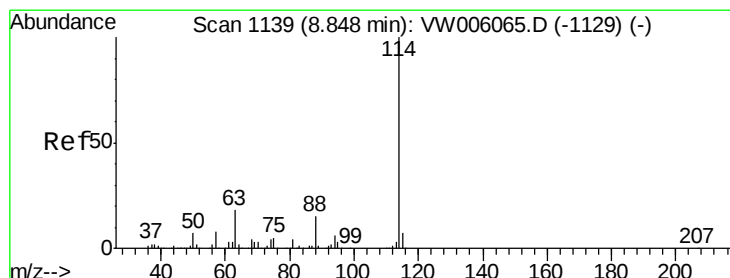
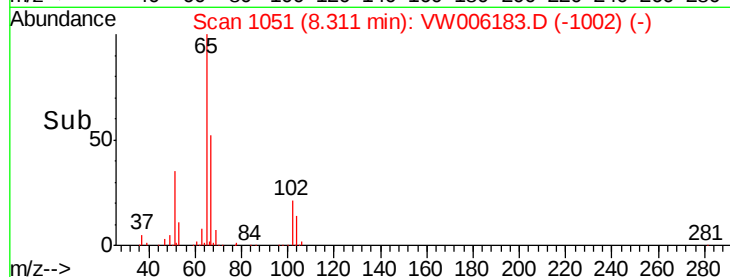
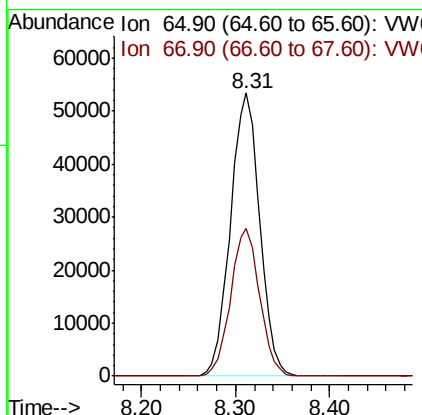
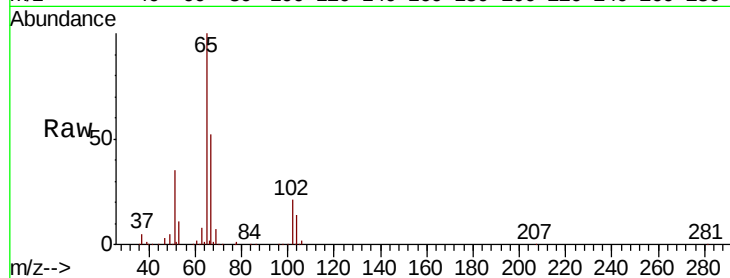




#33
 1,2-Dichloroethane-d4
 Concen: 52.892 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006183.D
 Acq: 18 Oct 2018 18:28

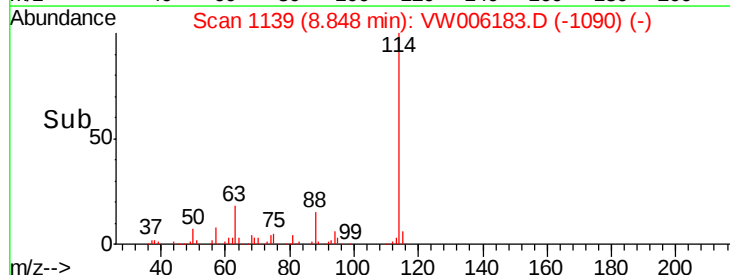
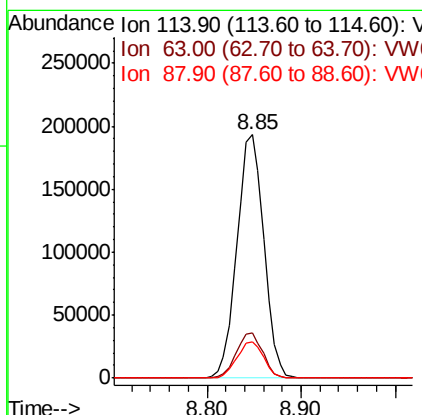
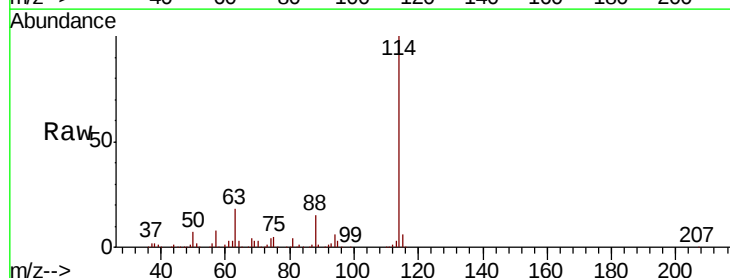
Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1016-S-DH-23

Tot Ion: 65 Resp: 115386
 Ion Ratio Lower Upper
 65 100
 67 51.6 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: VW006183.D
 Acq: 18 Oct 2018 18:28

Tgt Ion: 114 Resp: 384835
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 14.7 0.0 29.0

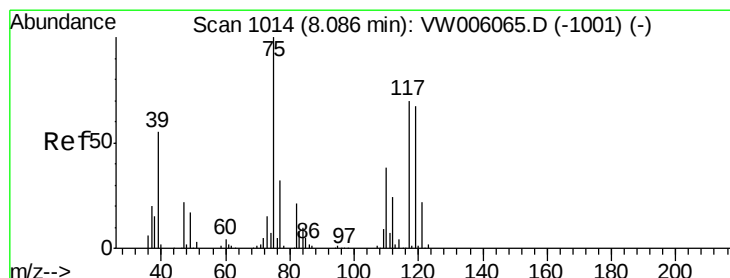
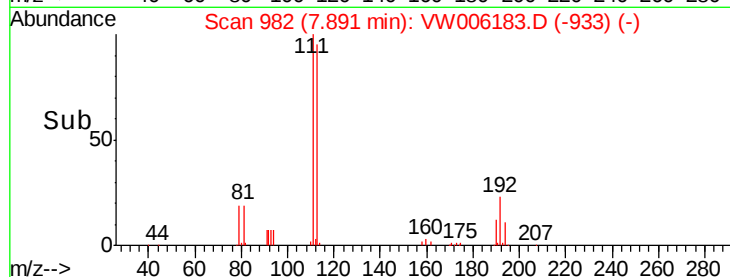
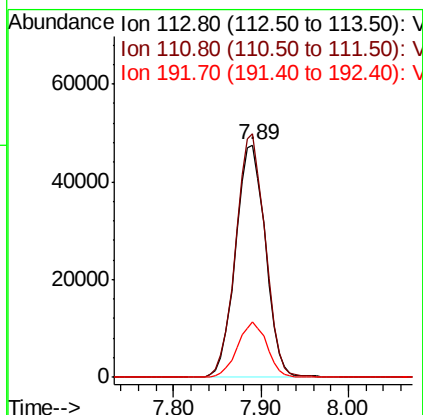
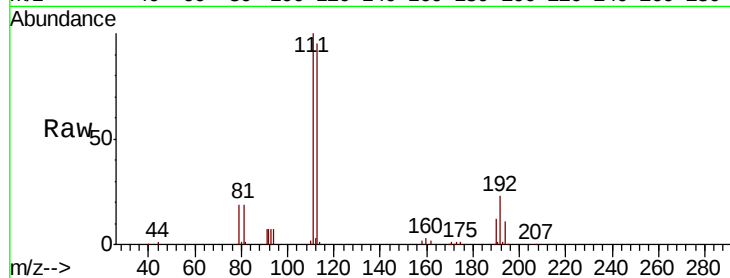




#35
 Dibromofluoromethane
 Concen: 49.702 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006183.D
 Acq: 18 Oct 2018 18:28

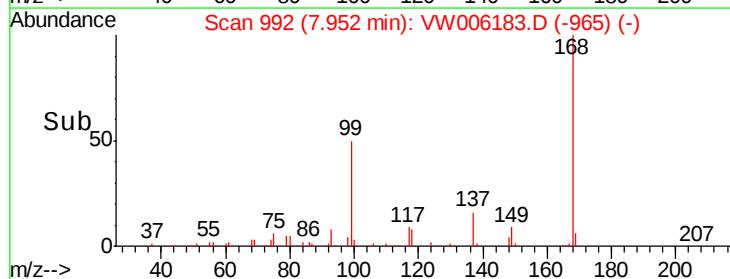
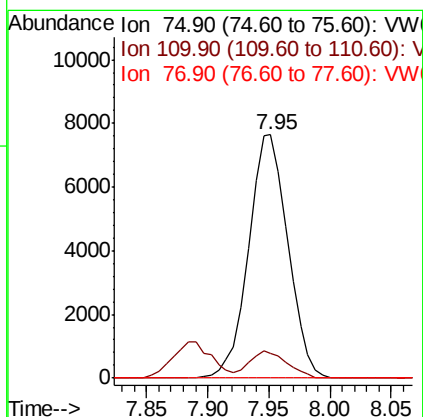
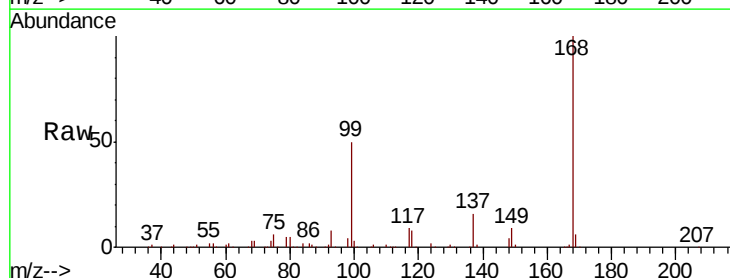
Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1016-S-DH-23

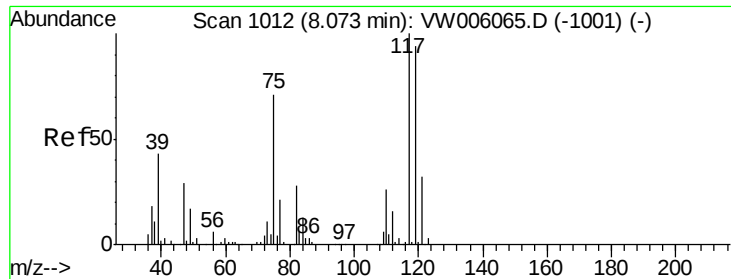
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.4	122.0
192	23.3	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 4.826 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006183.D
 Acq: 18 Oct 2018 18:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.6	19.1	57.1#
77	0.0	25.0	37.4#

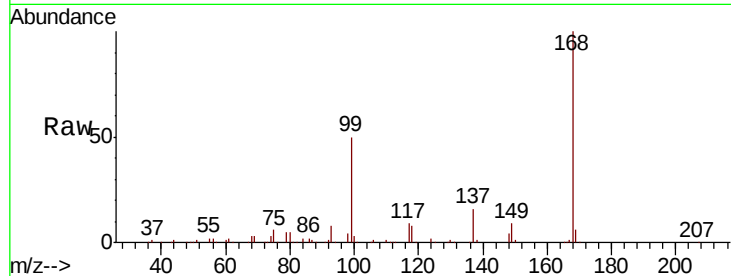




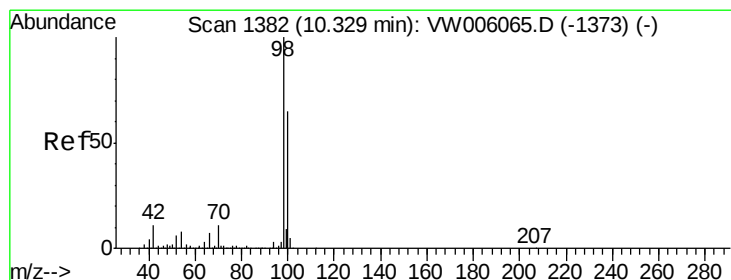
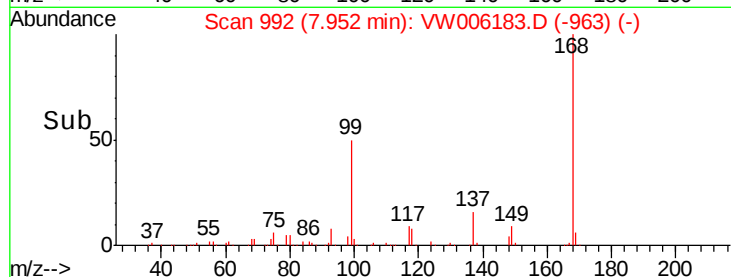
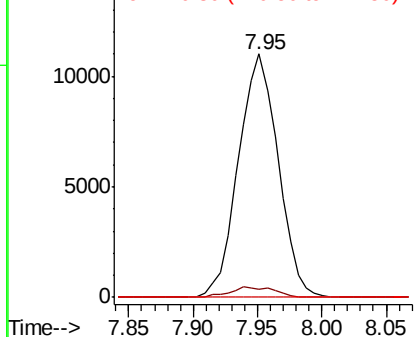
#38
Carbon Tetrachloride
Concen: 6.039 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006183.D
Acq: 18 Oct 2018 18:28

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1016-S-DH-23

Tot Ion:117 Resp: 23481
Ion Ratio Lower Upper
117 100
119 3.4 75.2 112.8#
121 0.0 25.3 37.9#

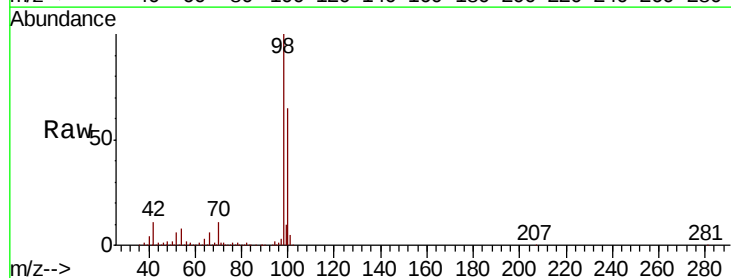


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

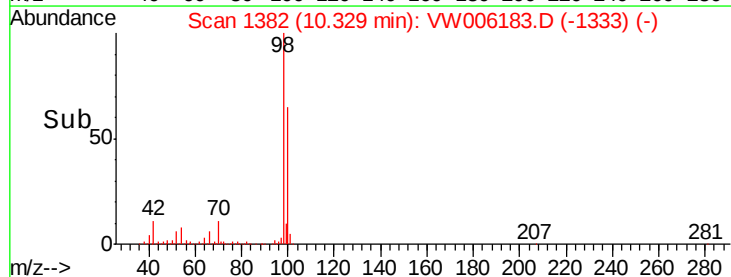
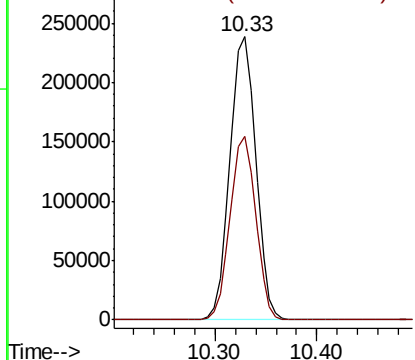


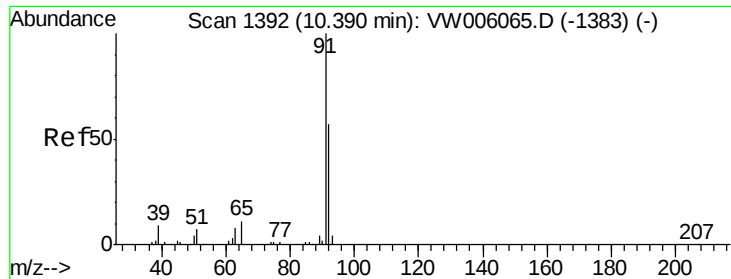
#50
Toluene-d8
Concen: 48.512 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006183.D
Acq: 18 Oct 2018 18:28

Tgt Ion: 98 Resp: 419692
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.486 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW006183.D

Acq: 18 Oct 2018 18:28

Instrument :

MSVOA_W

ClientSampleId :

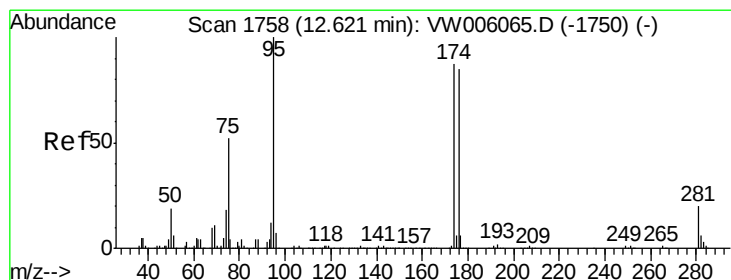
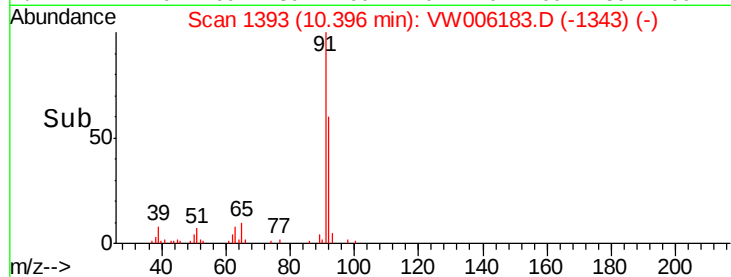
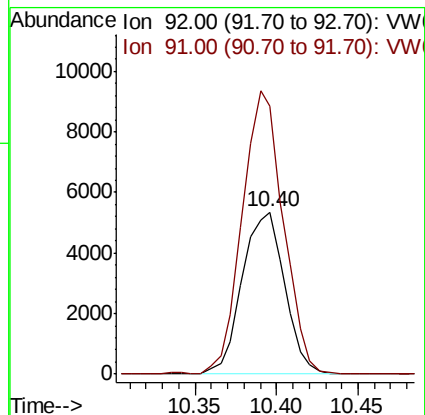
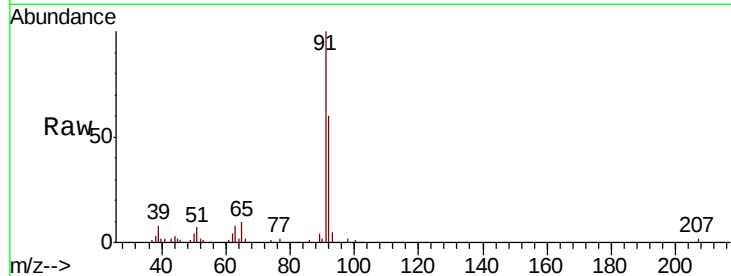
SSSI-1016-S-DH-23

Tot Ion: 92 Resp: 9693

Ion Ratio Lower Upper

92 100

91 169.6 140.0 210.0



#62

4-Bromofluorobenzene

Concen: 47.830 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006183.D

Acq: 18 Oct 2018 18:28

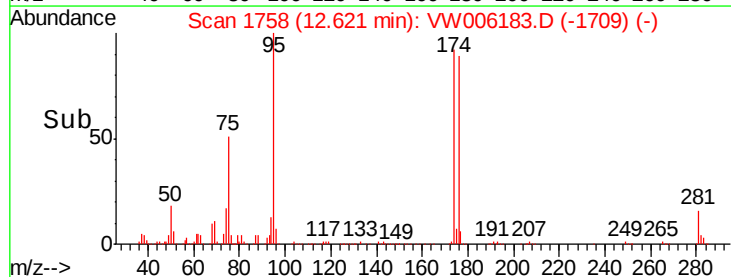
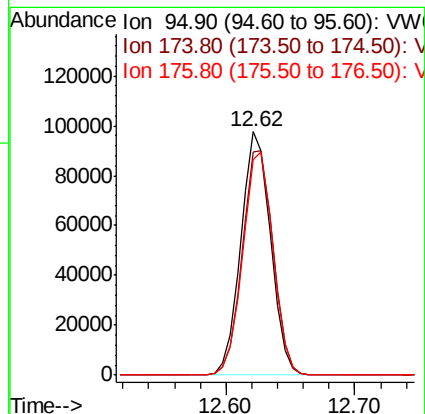
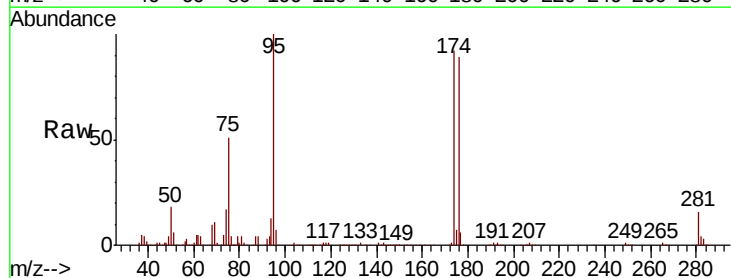
Tgt Ion: 95 Resp: 155416

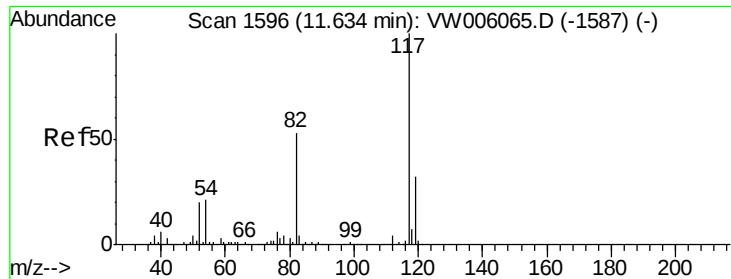
Ion Ratio Lower Upper

95 100

174 95.5 0.0 186.0

176 93.2 0.0 181.6

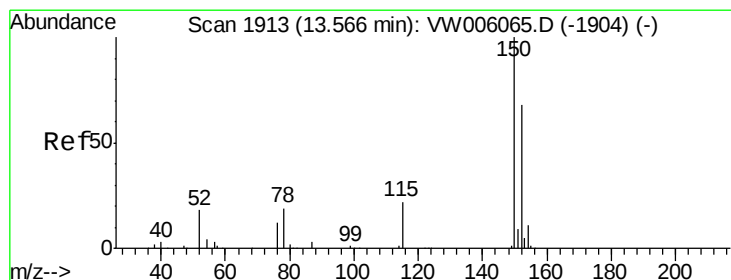
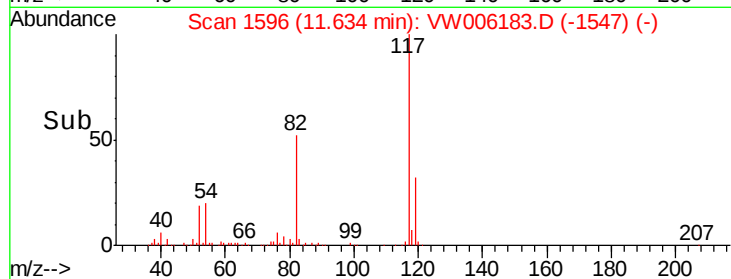
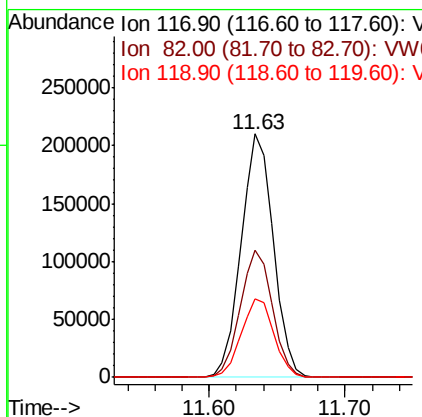
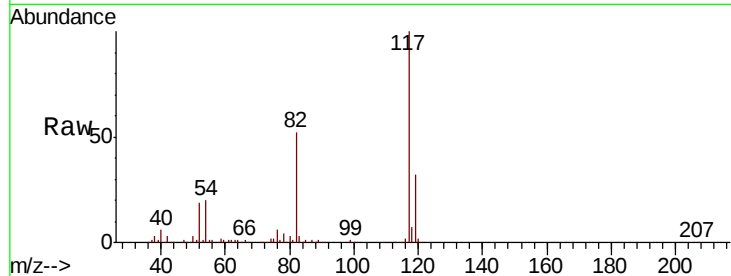




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006183.D
Acq: 18 Oct 2018 18:28

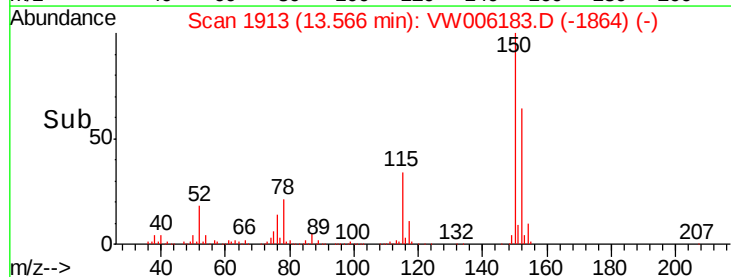
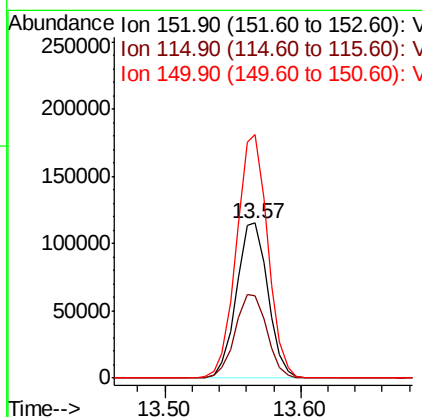
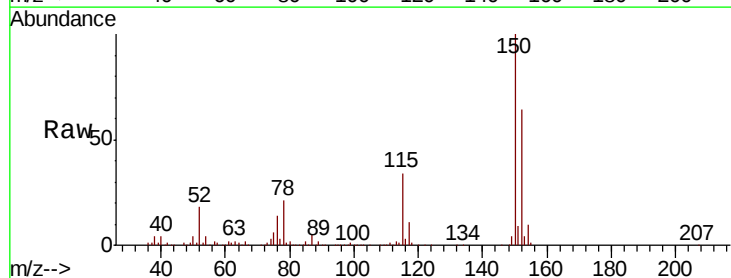
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1016-S-DH-23

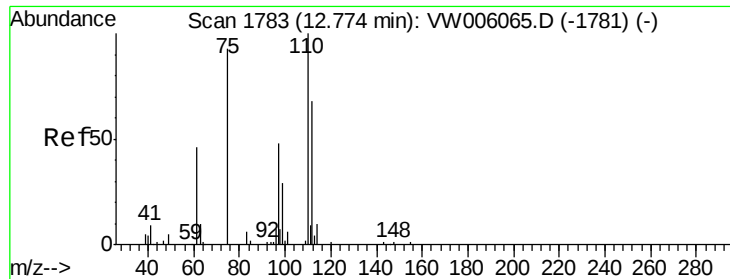
Tot Ion:117 Resp: 348483
Ion Ratio Lower Upper
117 100
82 52.4 42.1 63.1
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006183.D
Acq: 18 Oct 2018 18:28

Tgt Ion:152 Resp: 185080
Ion Ratio Lower Upper
152 100
115 54.7 27.8 83.3
150 156.2 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 56.124 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006183.D

Acq: 18 Oct 2018 18:28

Instrument :

MSVOA_W

ClientSampleId :

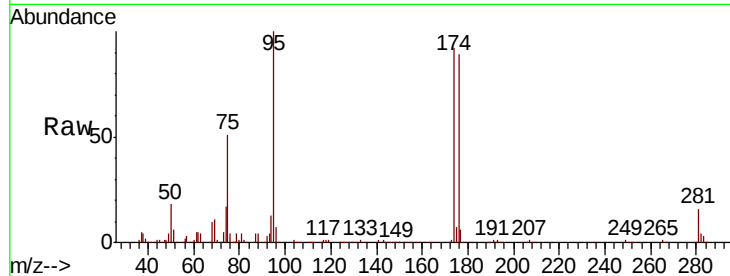
SSSI-1016-S-DH-23

Tot Ion: 75 Resp: 79339

Ion Ratio Lower Upper

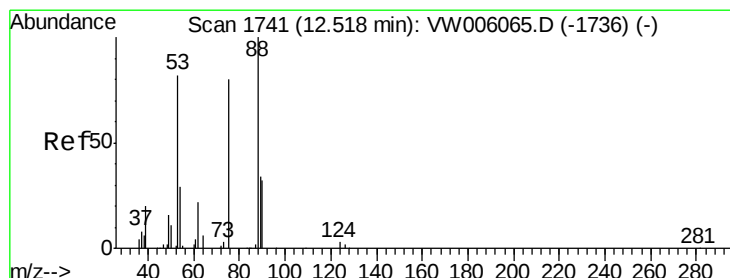
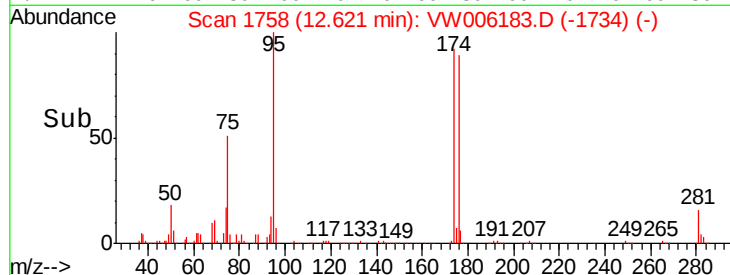
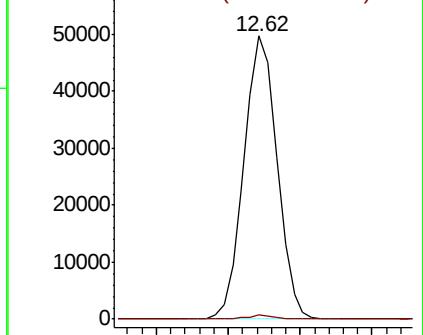
75 100

77 1.1 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: 134.158 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006183.D

Acq: 18 Oct 2018 18:28

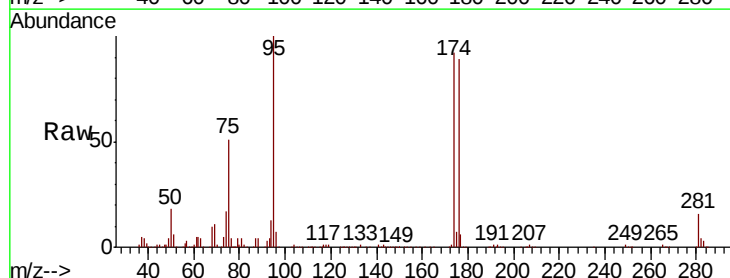
Tgt Ion: 75 Resp: 79339

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

