

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102718\
 Data File : VW006396.D
 Acq On : 26 Oct 2018 08:11
 Operator : SY/AP
 Sample : J5618-03RE
 Misc : 5.39G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1018-S-DH-14

Quant Time: Oct 26 08:35:08 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	248190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	384604	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	344730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160333	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	121225	58.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.82%	
35) Dibromofluoromethane	7.88	113	119291	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
50) Toluene-d8	10.33	98	443161	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.62	95	139980	43.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.22%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	8718	8.270	ug/l	89
20) Methylene Chloride	4.91	84	7063	1.671	ug/l	92
31) Cyclohexane	7.95	56	4139	1.099	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	15472	4.364	ug/l #	49
38) Carbon Tetrachloride	7.95	117	21579	5.553	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	1734	1.285	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	70365	57.458	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	70365	137.348	ug/l #	10

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006396.D

Acq: 26 Oct 2018 08:11

Instrument :

MSVOA_W

ClientSampleId :

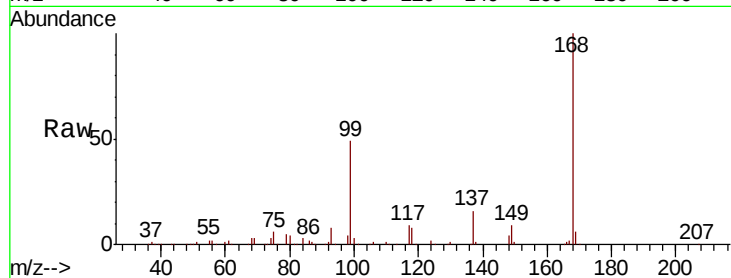
SSSI-1018-S-DH-14

Tot Ion:168 Resp: 248190

Ion Ratio Lower Upper

168 100

99 48.5 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

120000

100000

80000

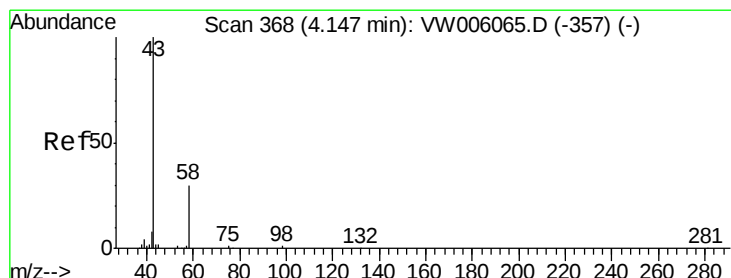
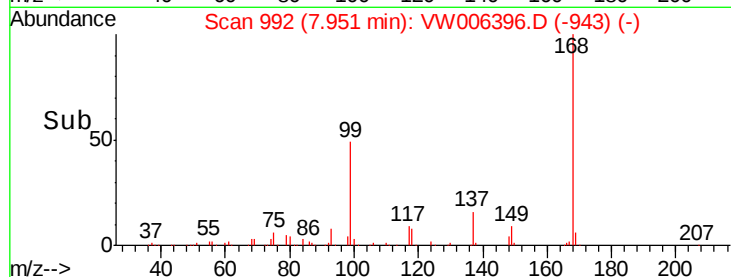
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 8.270 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006396.D

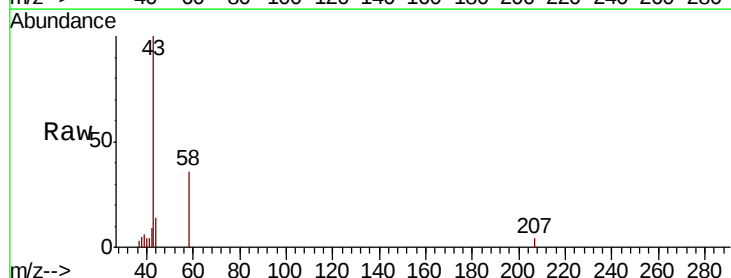
Acq: 26 Oct 2018 08:11

Tgt Ion: 43 Resp: 8718

Ion Ratio Lower Upper

43 100

58 35.9 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

3000

2500

2000

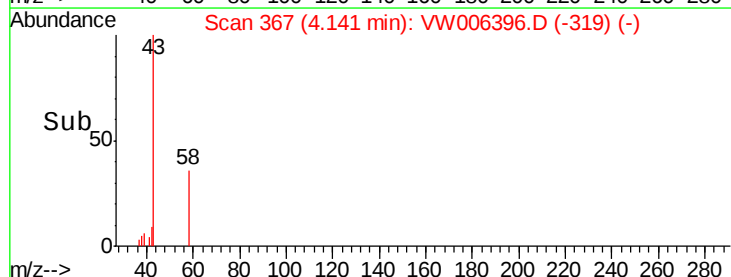
1500

1000

500

0

Time-->





#20

Methylene Chloride

Concen: 1.671 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006396.D

Acq: 26 Oct 2018 08:11

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1018-S-DH-14

Tot Ion: 84 Resp: 7063

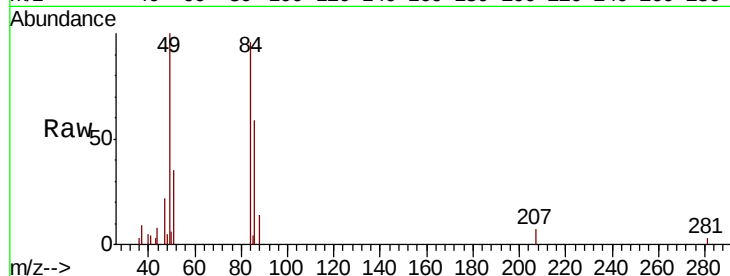
Ion Ratio Lower Upper

84 100

49 104.2 93.6 140.4

51 36.7 29.0 43.4

86 61.8 52.6 79.0

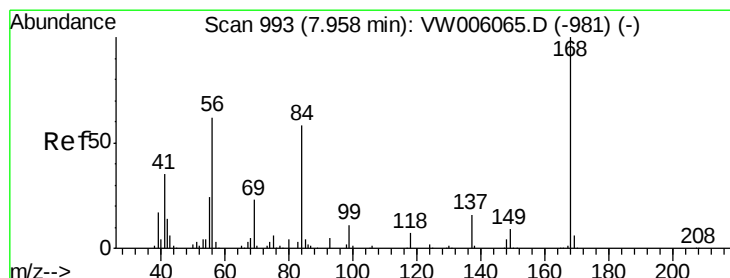
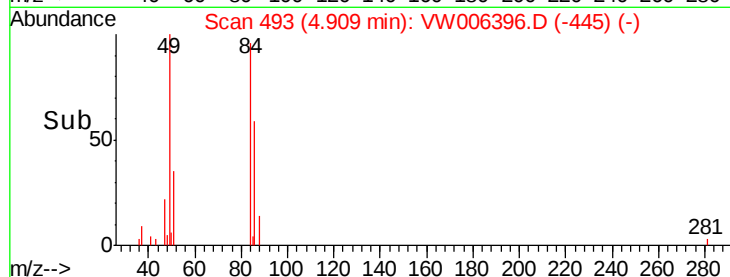
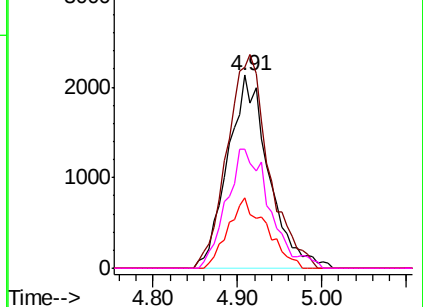


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.099 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006396.D

Acq: 26 Oct 2018 08:11

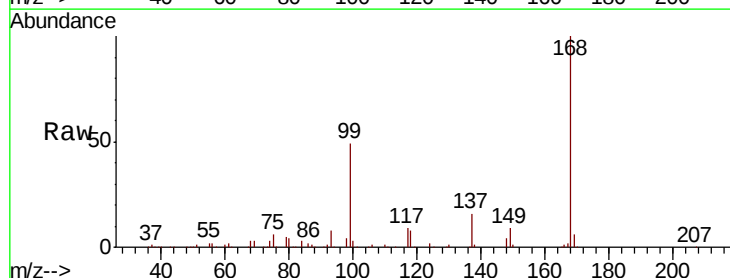
Tgt Ion: 56 Resp: 4139

Ion Ratio Lower Upper

56 100

69 146.9 29.4 44.0#

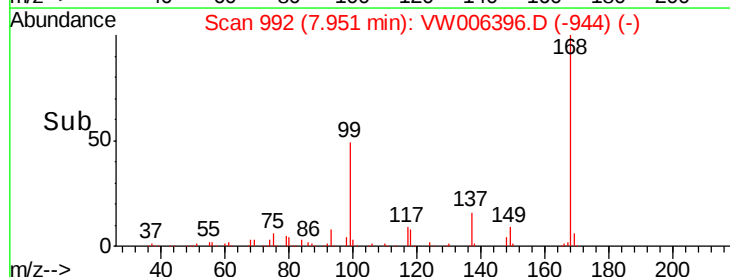
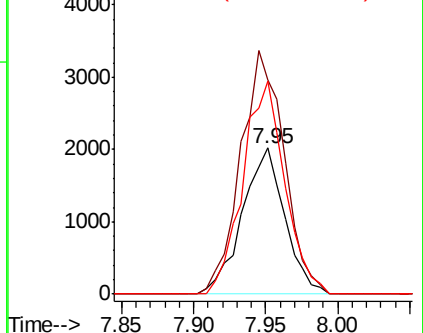
84 145.4 74.0 111.0#

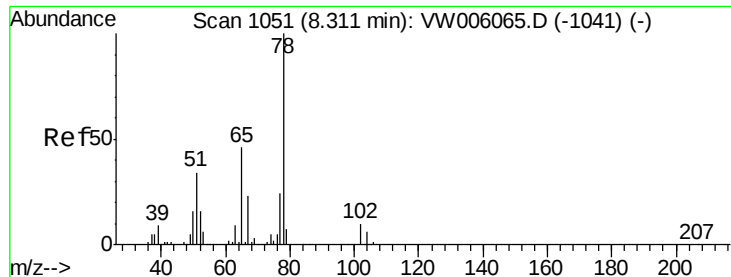


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

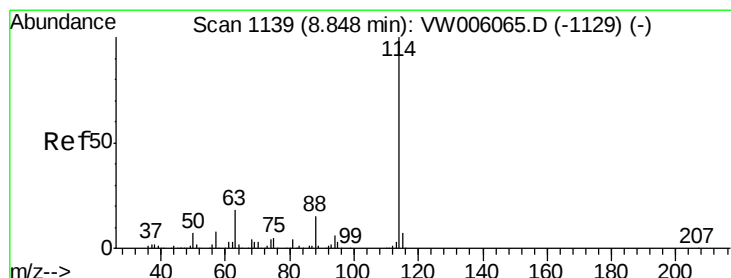
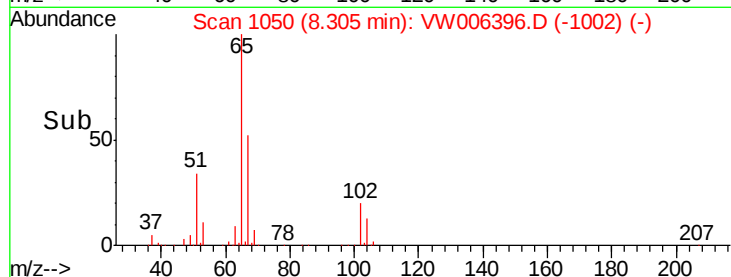
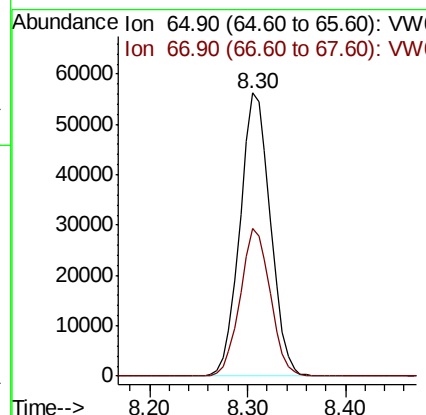
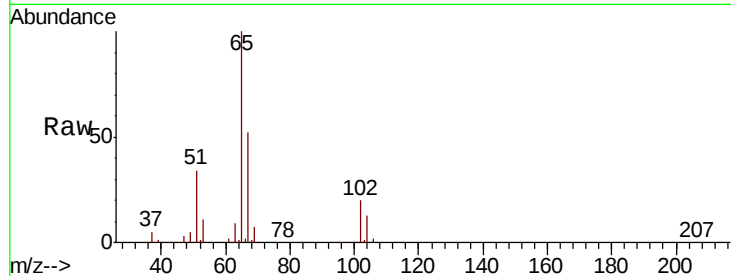




#33
 1,2-Dichloroethane-d4
 Concen: 58.915 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006396.D
 Acq: 26 Oct 2018 08:11

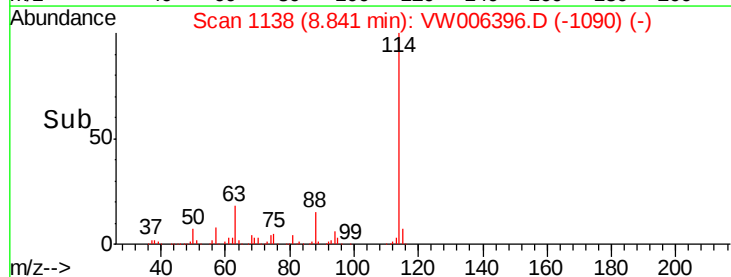
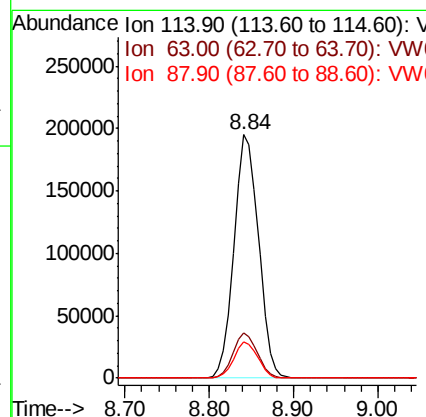
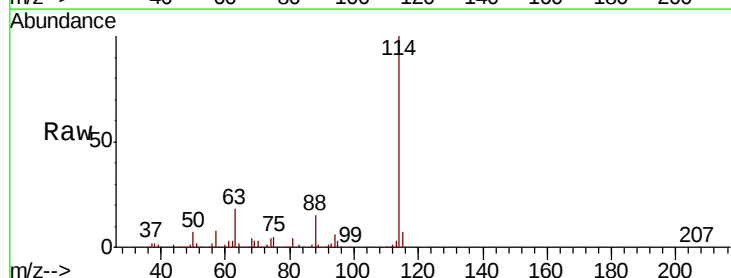
Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1018-S-DH-14

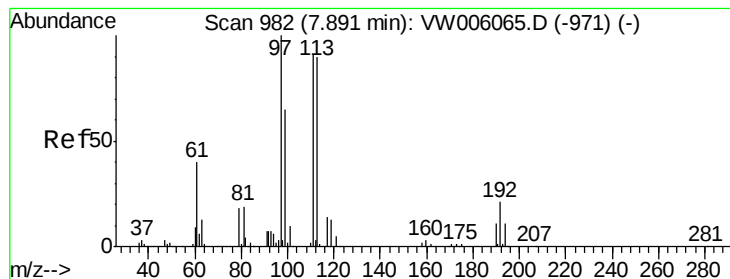
Tot Ion: 65 Resp: 121225
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006396.D
 Acq: 26 Oct 2018 08:11

Tgt Ion: 114 Resp: 384604
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.8
 88 14.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.491 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006396.D

Acq: 26 Oct 2018 08:11

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1018-S-DH-14

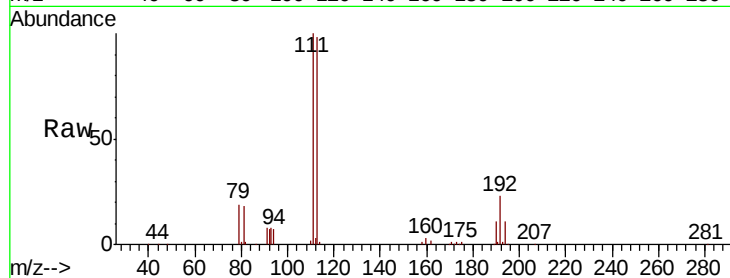
Tot Ion:113 Resp: 119291

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

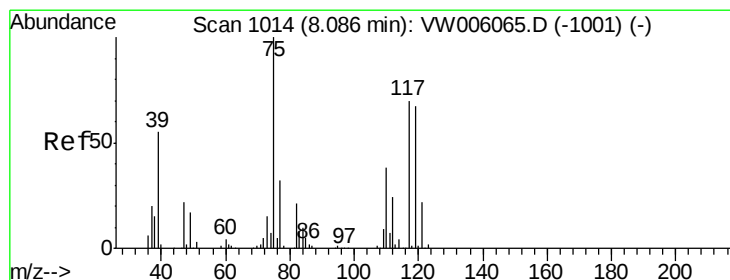
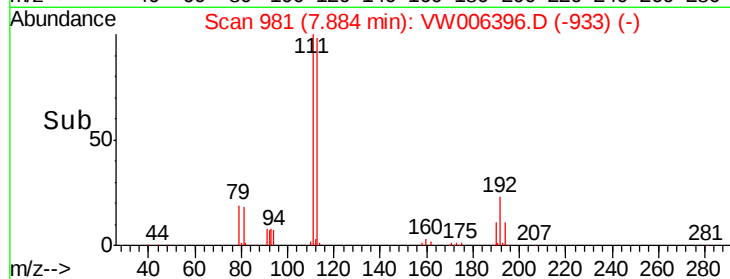
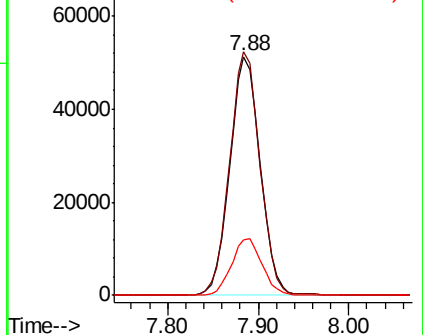
192 23.7 18.7 28.1



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: 4.364 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006396.D

Acq: 26 Oct 2018 08:11

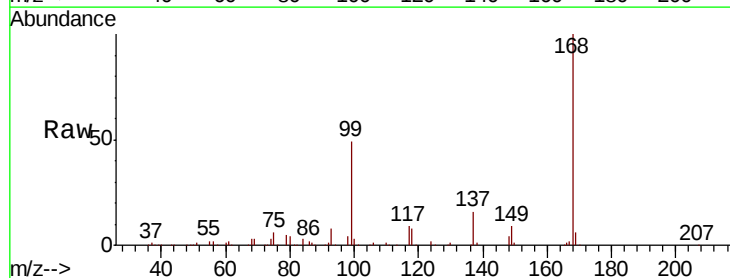
Tgt Ion: 75 Resp: 15472

Ion Ratio Lower Upper

75 100

110 10.2 19.1 57.1#

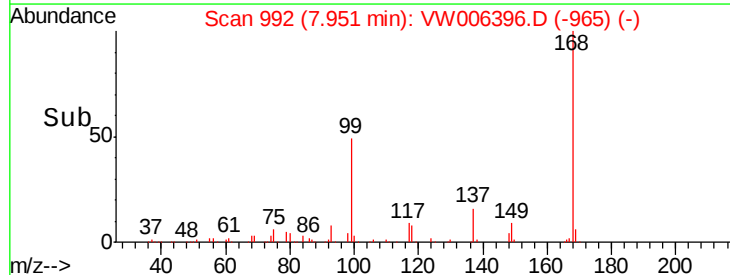
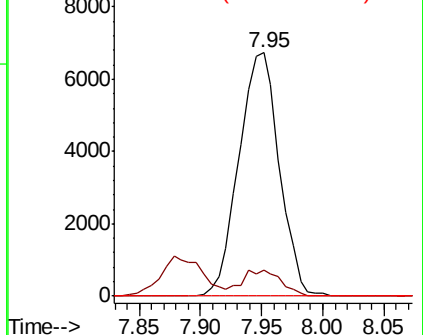
77 0.0 25.0 37.4#

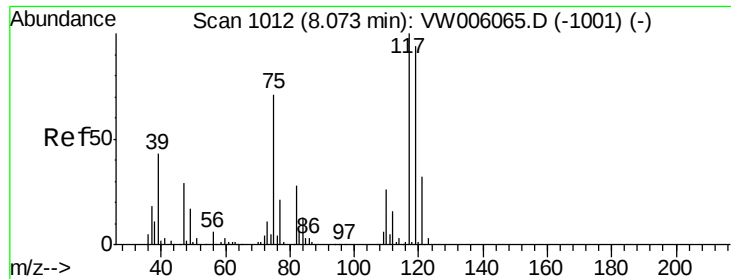


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

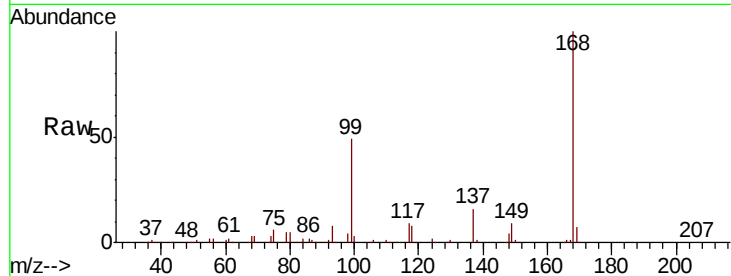




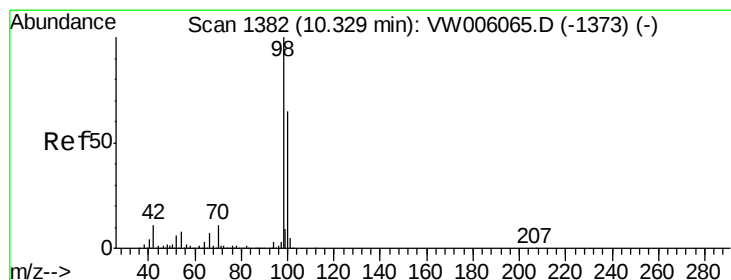
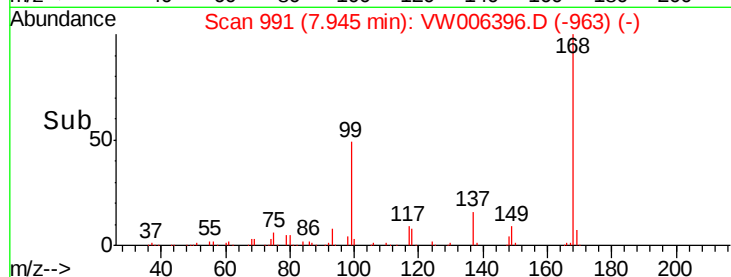
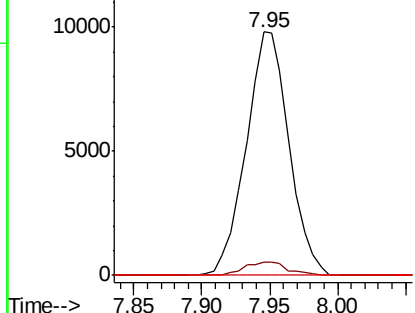
#38
Carbon Tetrachloride
Concen: 5.553 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW006396.D
Acq: 26 Oct 2018 08:11

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1018-S-DH-14

Tot Ion:117 Resp: 21579
Ion Ratio Lower Upper
117 100
119 5.2 75.2 112.8#
121 0.0 25.3 37.9#

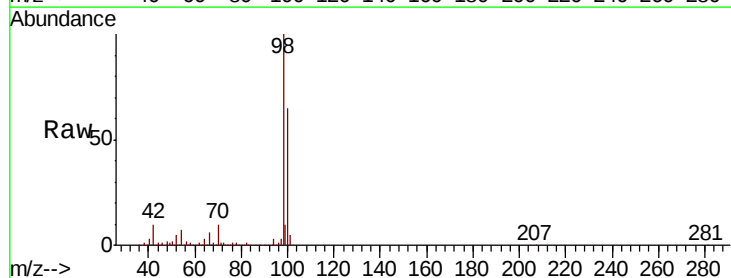


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

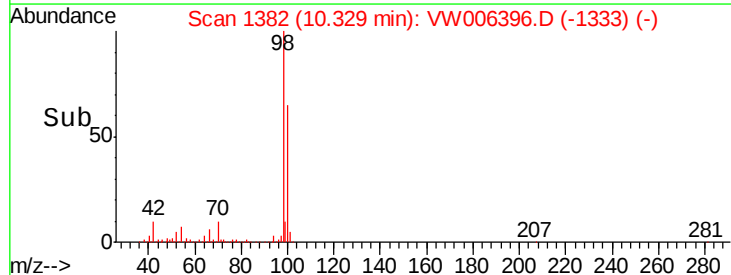
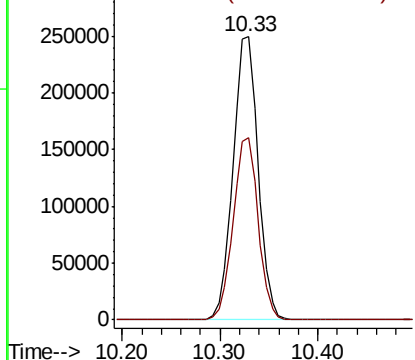


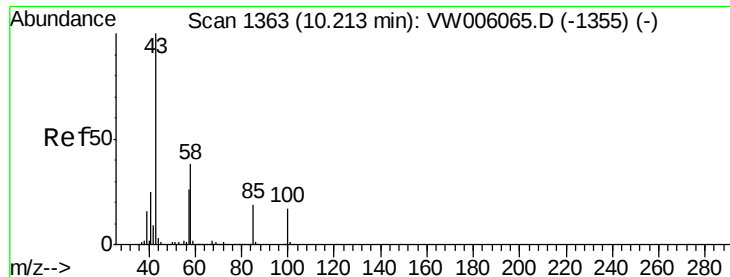
#50
Toluene-d8
Concen: 51.255 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006396.D
Acq: 26 Oct 2018 08:11

Tgt Ion: 98 Resp: 443161
Ion Ratio Lower Upper
98 100
100 64.1 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: 1.285 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006396.D

Acq: 26 Oct 2018 08:11

Instrument :

MSVOA_W

ClientSampleId :

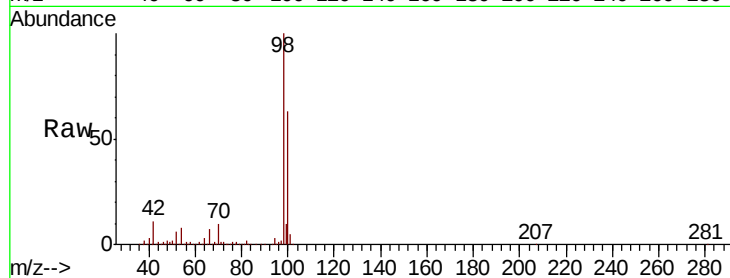
SSSI-1018-S-DH-14

Tot Ion: 43 Resp: 1734

Ion Ratio Lower Upper

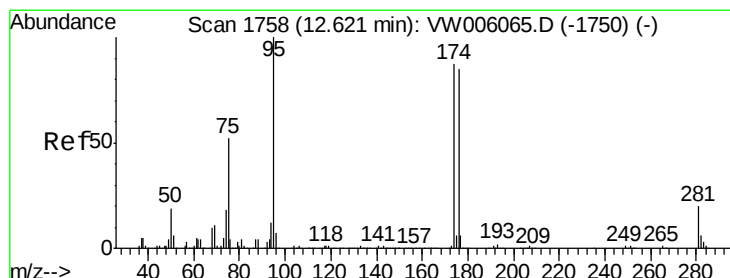
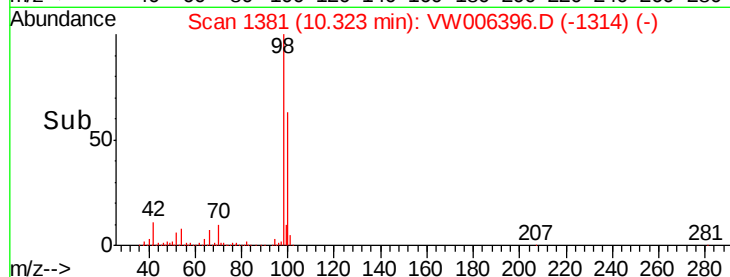
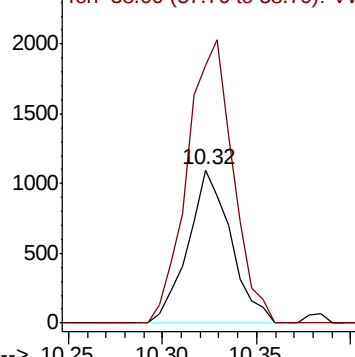
43 100

58 197.1 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: 43.105 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006396.D

Acq: 26 Oct 2018 08:11

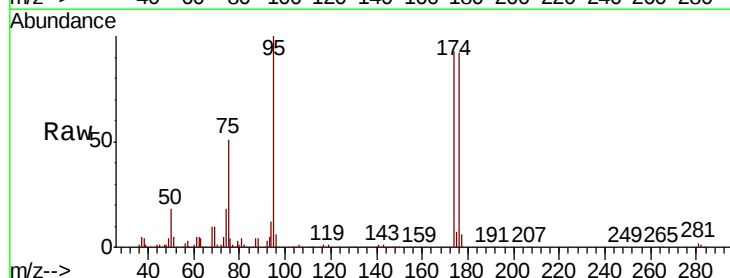
Tgt Ion: 95 Resp: 139980

Ion Ratio Lower Upper

95 100

174 97.0 0.0 186.0

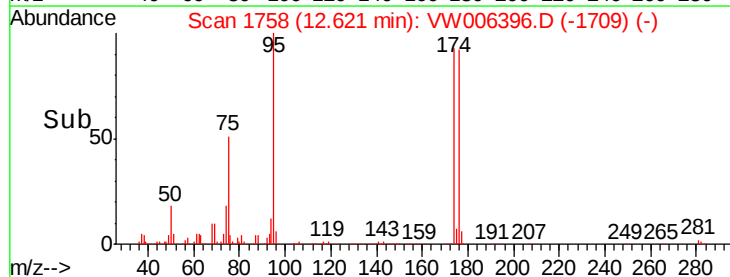
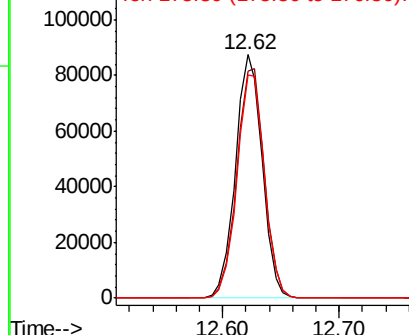
176 94.1 0.0 181.6

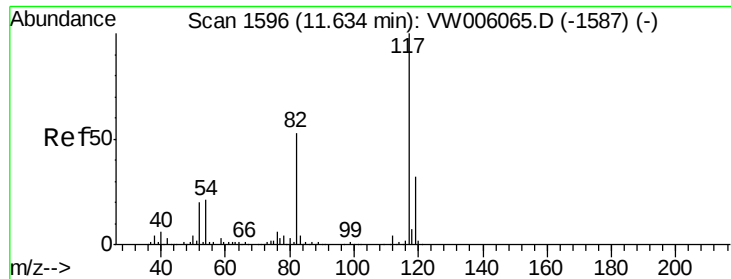


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

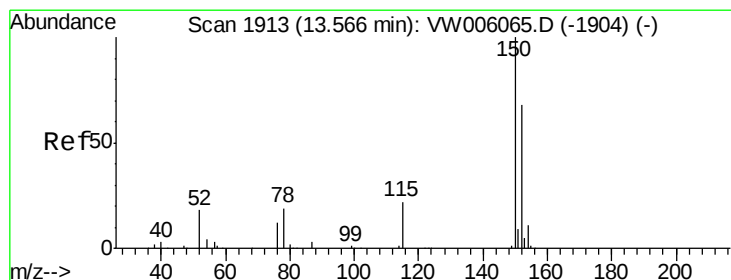
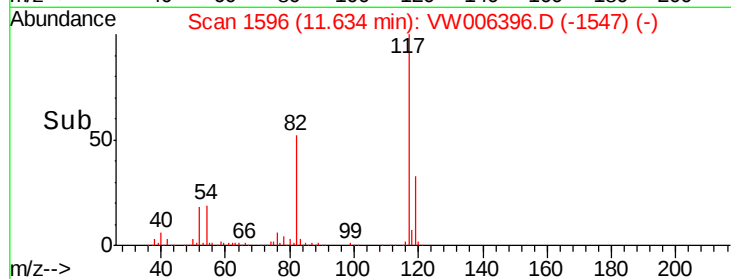
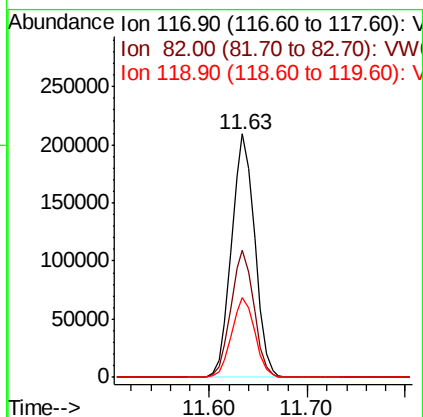
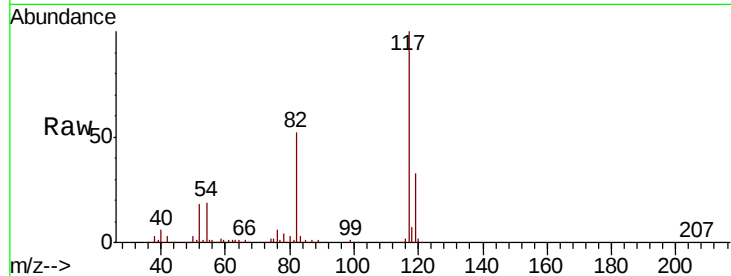




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006396.D
Acq: 26 Oct 2018 08:11

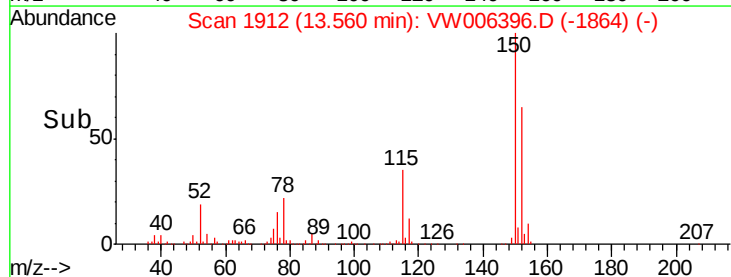
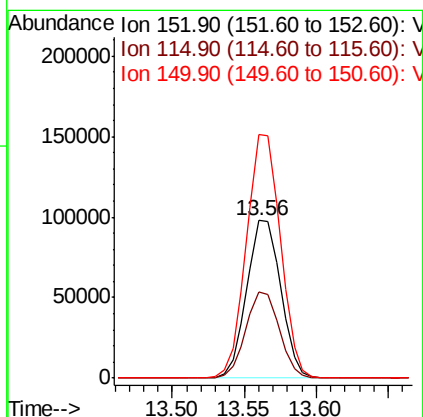
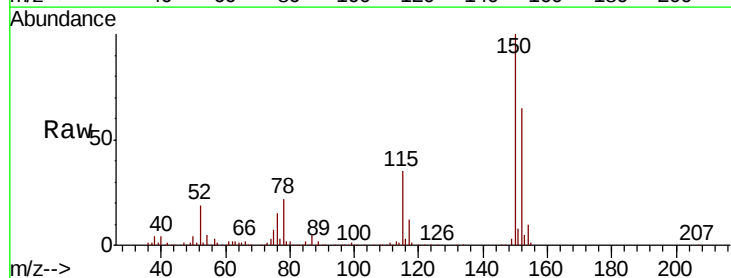
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1018-S-DH-14

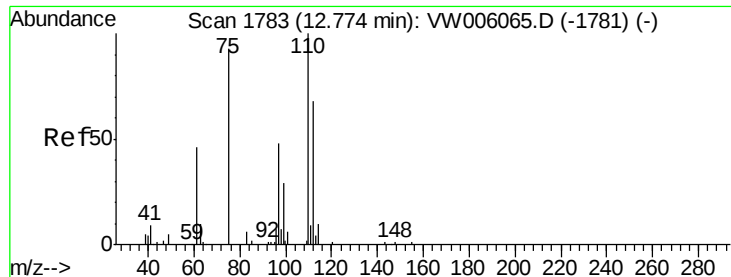
Tot Ion:117 Resp: 344730
Ion Ratio Lower Upper
117 100
82 52.4 42.1 63.1
119 32.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006396.D
Acq: 26 Oct 2018 08:11

Tgt Ion:152 Resp: 160333
Ion Ratio Lower Upper
152 100
115 53.8 27.8 83.3
150 154.2 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 57.458 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006396.D

Acq: 26 Oct 2018 08:11

Instrument :

MSVOA_W

ClientSampleId :

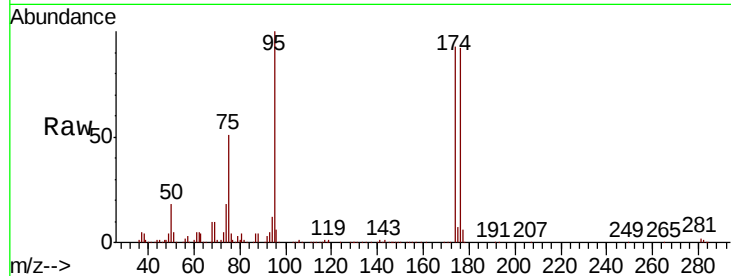
SSSI-1018-S-DH-14

Tot Ion: 75 Resp: 70365

Ion Ratio Lower Upper

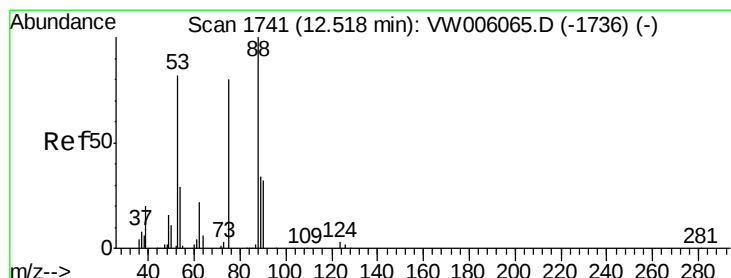
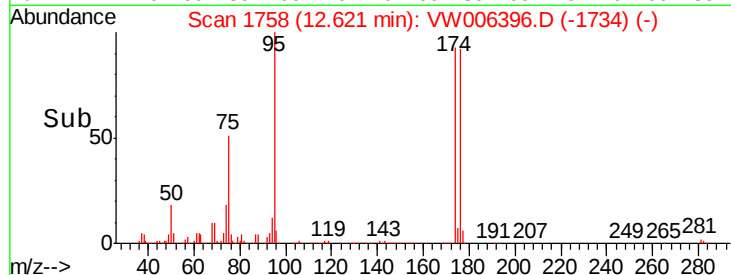
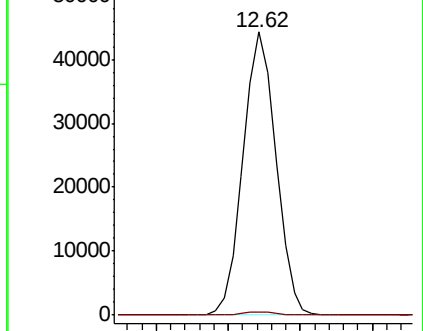
75 100

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: 137.348 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006396.D

Acq: 26 Oct 2018 08:11

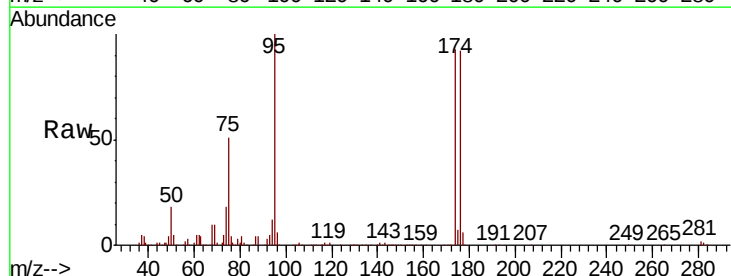
Tgt Ion: 75 Resp: 70365

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

