

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006261.D
 Acq On : 22 Oct 2018 19:27
 Operator : VA/AP
 Sample : J5618-05
 Misc : 6.76G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1018-S-DH-15

Quant Time: Oct 23 04:08:00 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	323284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	454916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	370006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	143721	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	91152	34.01	ug/l	0.00
Spiked Amount			Recovery	=	68.02%	
35) Dibromofluoromethane	7.88	113	93594	34.82	ug/l	0.00
Spiked Amount			Recovery	=	69.64%	
50) Toluene-d8	10.33	98	305319	29.85	ug/l	0.00
Spiked Amount			Recovery	=	59.70%	
62) 4-Bromofluorobenzene	12.62	95	93275	24.28	ug/l	0.00
Spiked Amount			Recovery	=	48.56%	

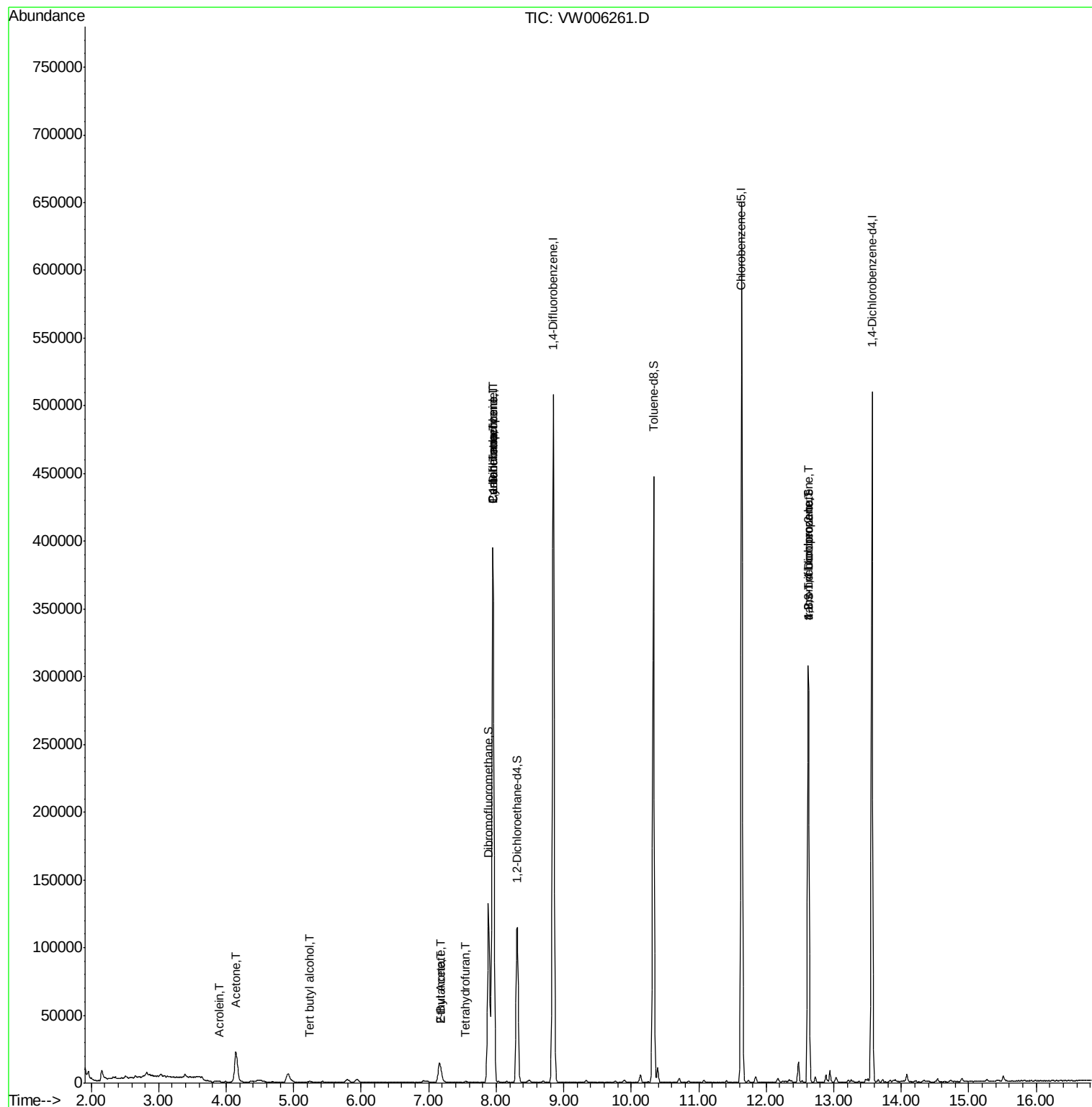
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	943	5.231	ug/l #	87
13) Acrolein	3.90	56	335	1.921	ug/l #	16
16) Acetone	4.14	43	45629	80.722	ug/l	99
25) 2-Butanone	7.18	43	6885	9.509	ug/l	89
29) Tetrahydrofuran	7.54	42	501	1.126	ug/l #	60
31) Cyclohexane	7.95	56	5876	1.198	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	20723	4.942	ug/l #	48
37) Ethyl Acetate	7.18	43	6885	4.419	ug/l #	67
38) Carbon Tetrachloride	7.95	117	28468	6.193	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	47915	43.649	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	47915	104.337	ug/l #	10

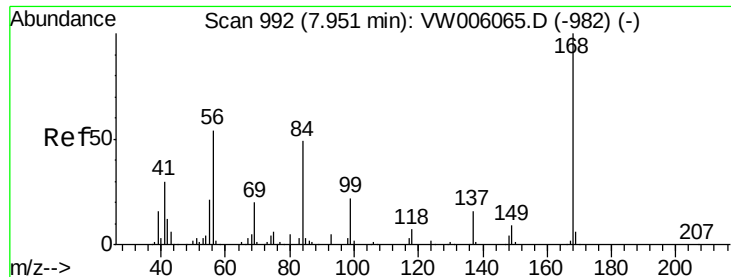
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 23 04:08:00 2018
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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: VW006261.D

Acq: 22 Oct 2018 19:27

Instrument :

MSVOA_W

ClientSampleId :

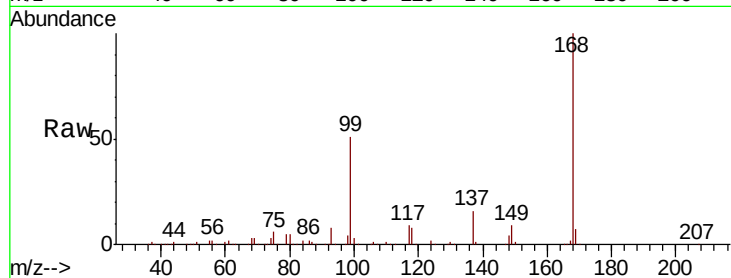
SSSI-1018-S-DH-15

Tot Ion:168 Resp: 323284

Ion Ratio Lower Upper

168 100

99 50.5 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

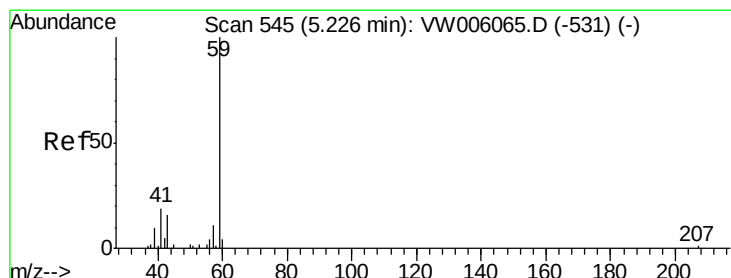
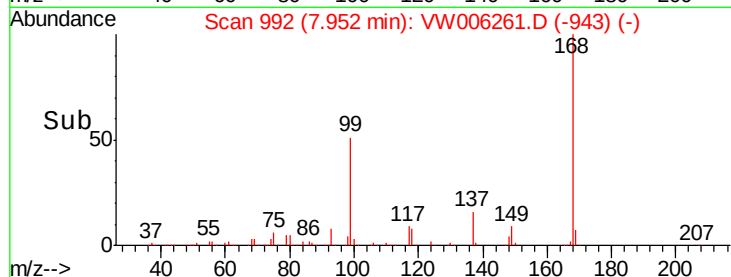
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 5.231 ug/l

RT: 5.23 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW006261.D

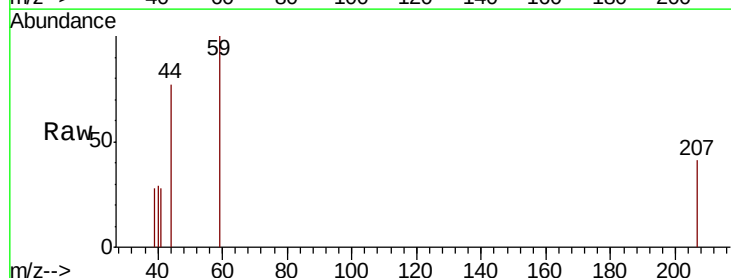
Acq: 22 Oct 2018 19:27

Tgt Ion: 59 Resp: 943

Ion Ratio Lower Upper

59 100

57 6.0 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

400

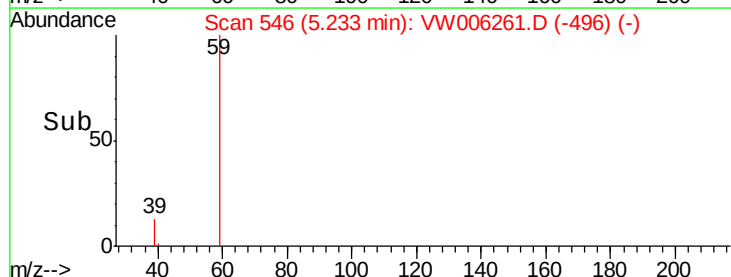
300

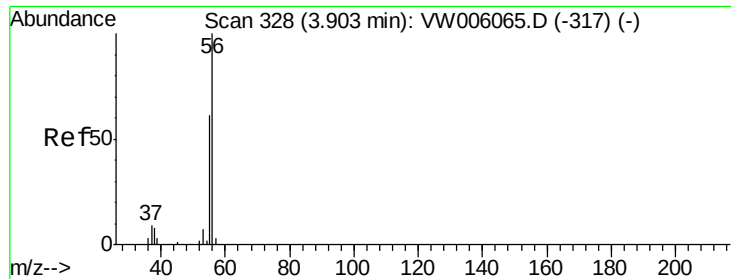
200

100

0

Time-->





#13

Acrolein

Concen: 1.921 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006261.D

Acq: 22 Oct 2018 19:27

Instrument :

MSVOA_W

ClientSampleId :

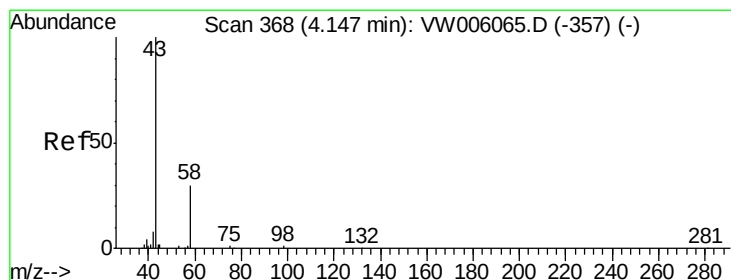
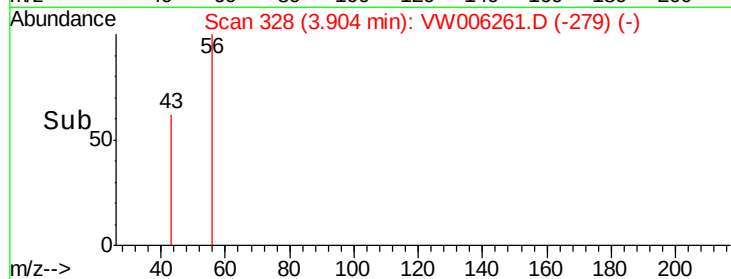
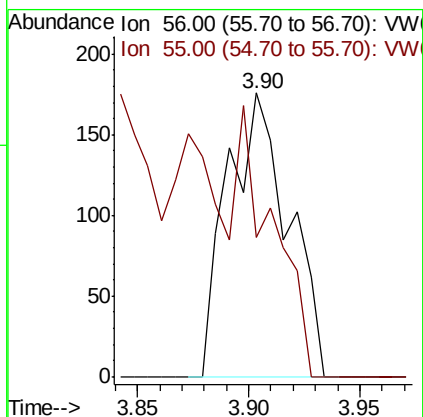
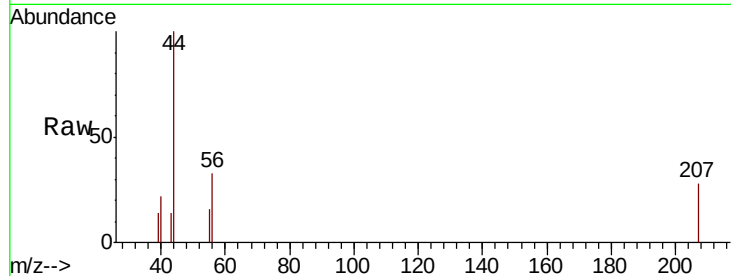
SSSI-1018-S-DH-15

Tot Ion: 56 Resp: 335

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#



#16

Acetone

Concen: 80.722 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006261.D

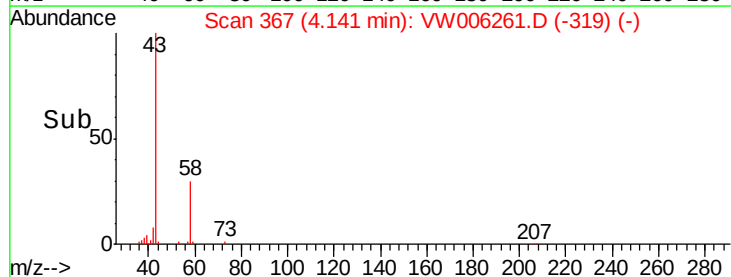
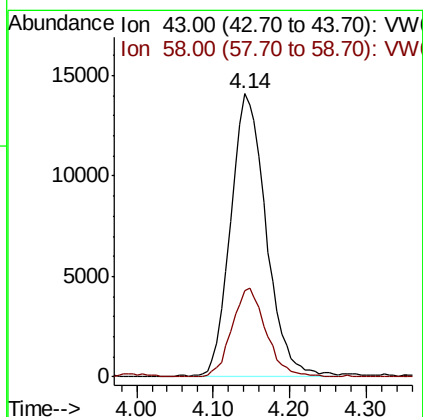
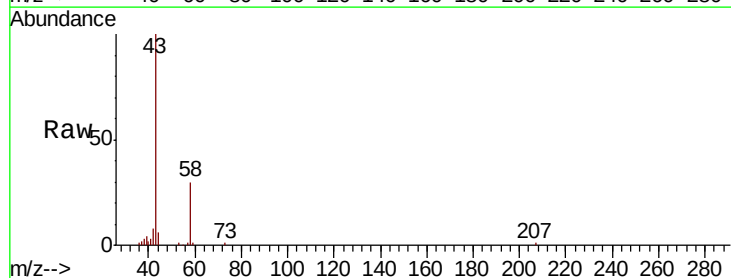
Acq: 22 Oct 2018 19:27

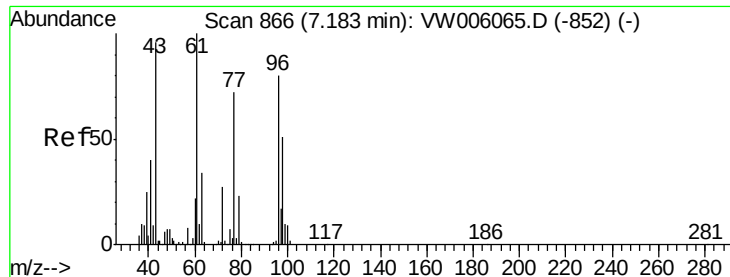
Tgt Ion: 43 Resp: 45629

Ion Ratio Lower Upper

43 100

58 30.3 24.0 36.0





#25

2-Butanone

Concen: 9.509 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006261.D

Acq: 22 Oct 2018 19:27

Instrument :

MSVOA_W

ClientSampleId :

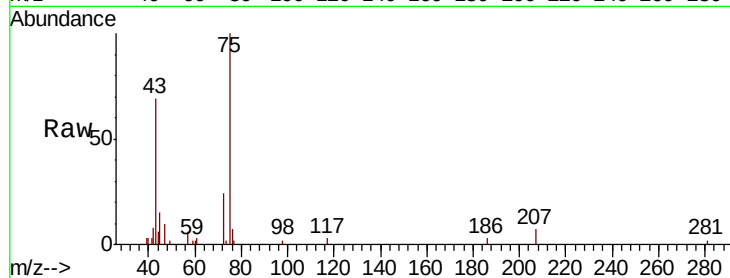
SSSI-1018-S-DH-15

Tot Ion: 43 Resp: 6885

Ion Ratio Lower Upper

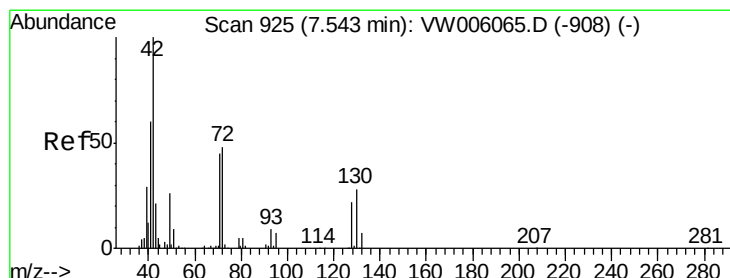
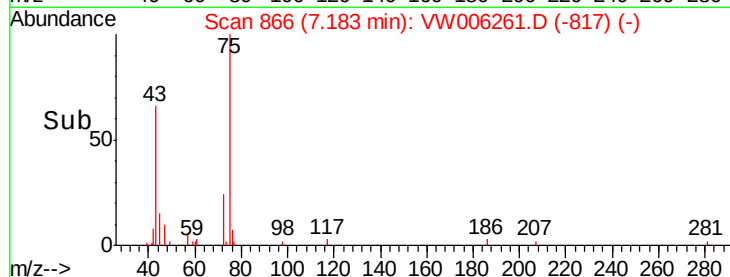
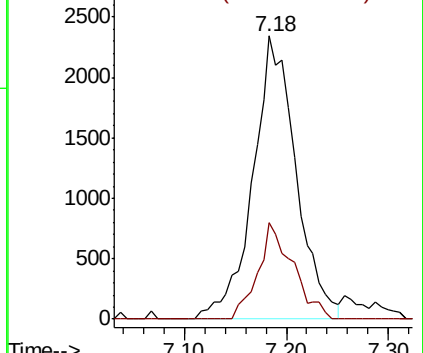
43 100

72 34.1 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 1.126 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: VW006261.D

Acq: 22 Oct 2018 19:27

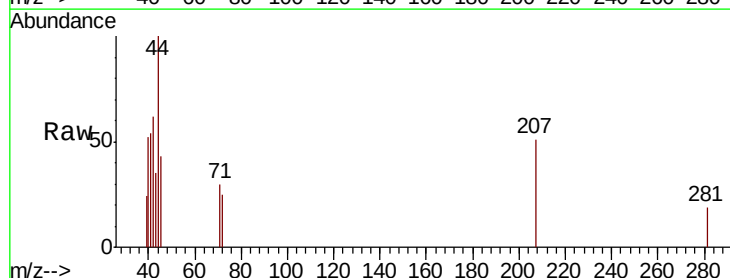
Tgt Ion: 42 Resp: 501

Ion Ratio Lower Upper

42 100

72 15.0 38.0 57.0#

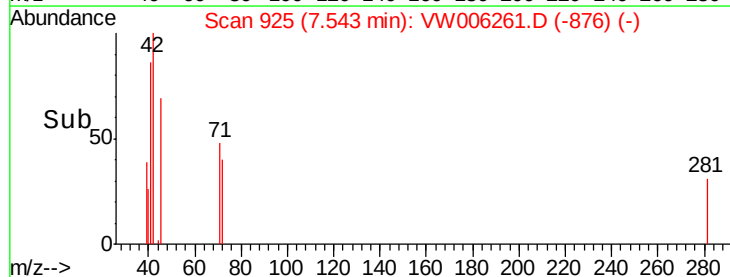
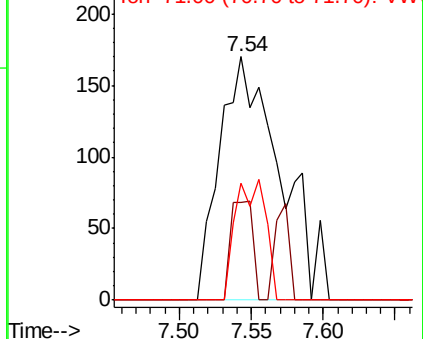
71 24.8 35.3 52.9#

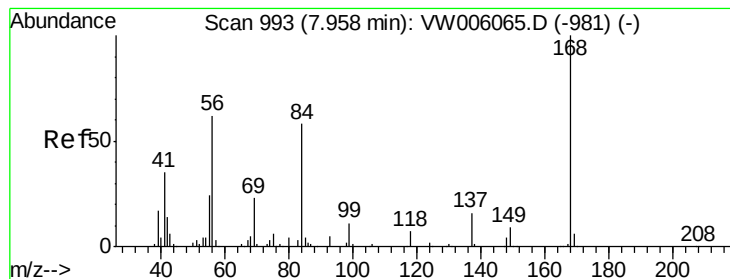


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.198 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006261.D

Acq: 22 Oct 2018 19:27

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1018-S-DH-15

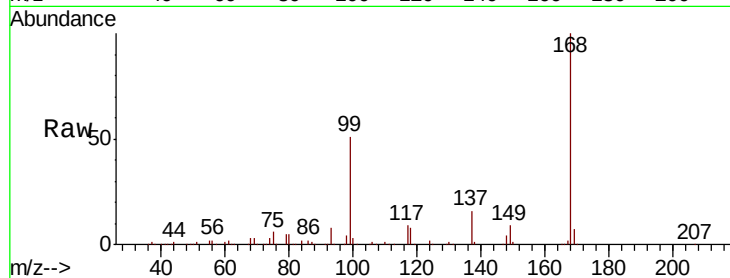
Tot Ion: 56 Resp: 5876

Ion Ratio Lower Upper

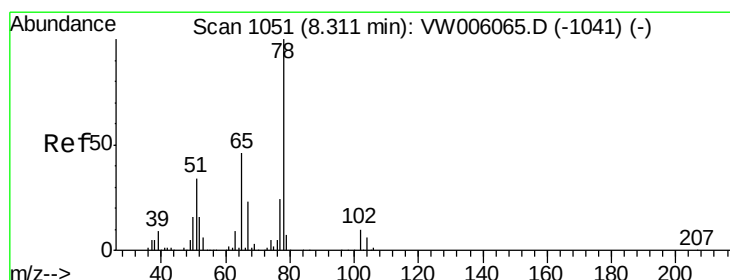
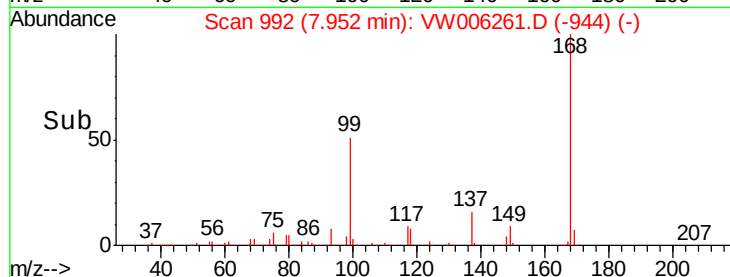
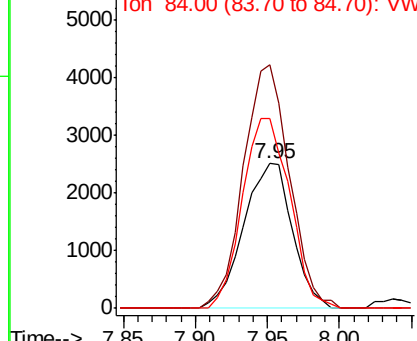
56 100

69 168.3 29.4 44.0#

84 131.3 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: 34.009 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006261.D

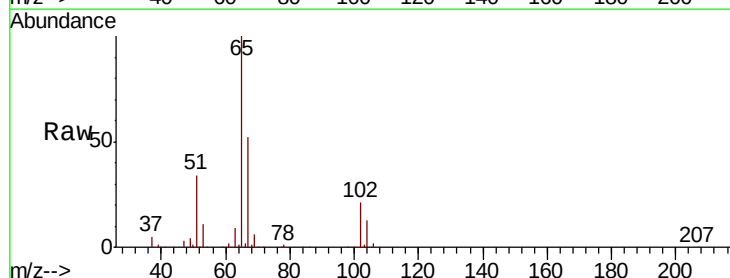
Acq: 22 Oct 2018 19:27

Tgt Ion: 65 Resp: 91152

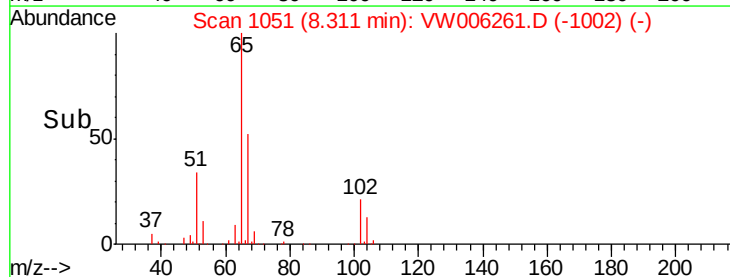
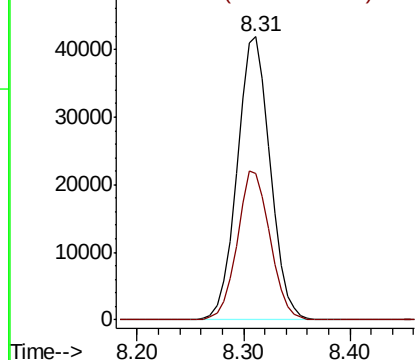
Ion Ratio Lower Upper

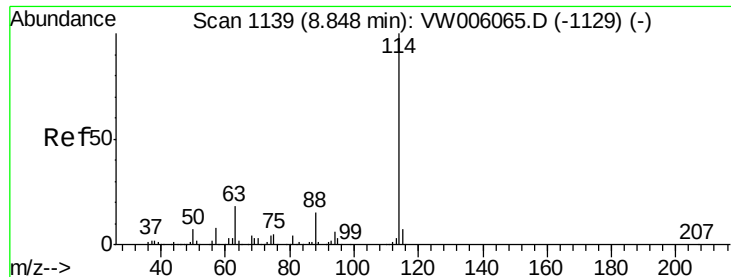
65 100

67 52.2 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: VW006261.D

Acq: 22 Oct 2018 19:27

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1018-S-DH-15

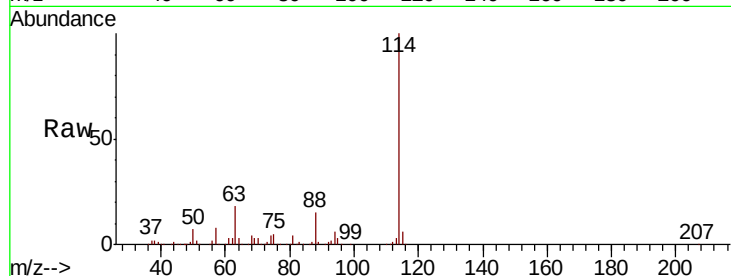
Tot Ion:114 Resp: 454916

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

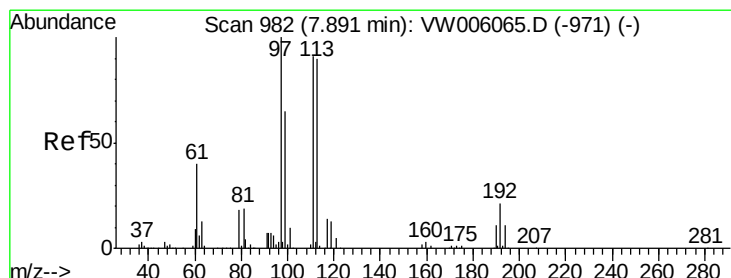
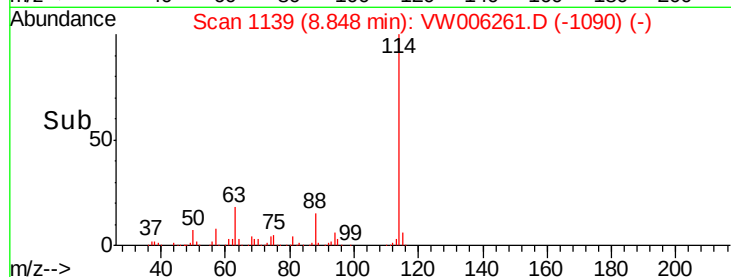
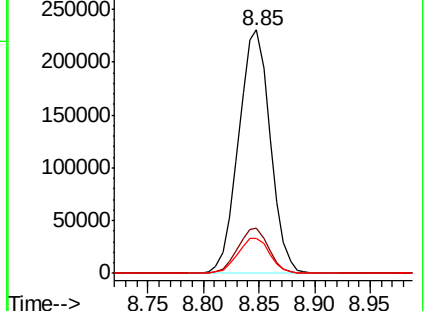
88 14.6 0.0 29.0



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: 34.818 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006261.D

Acq: 22 Oct 2018 19:27

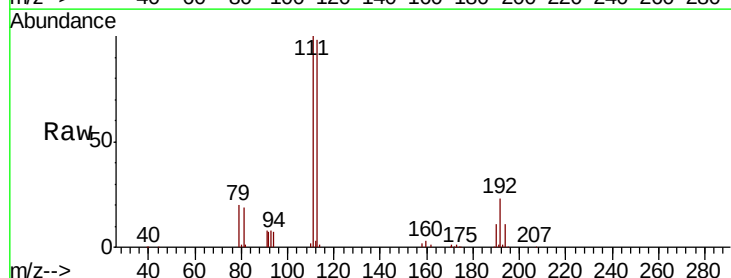
Tgt Ion:113 Resp: 93594

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

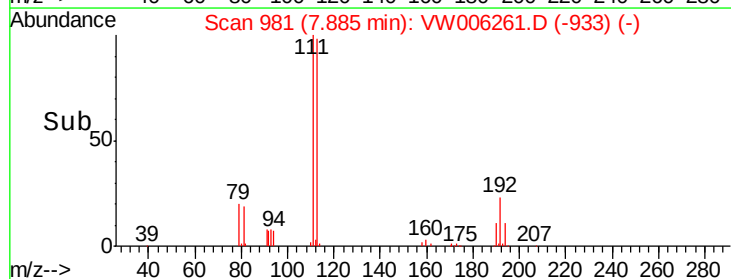
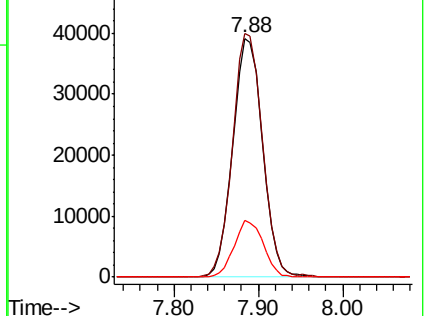
192 23.1 18.7 28.1

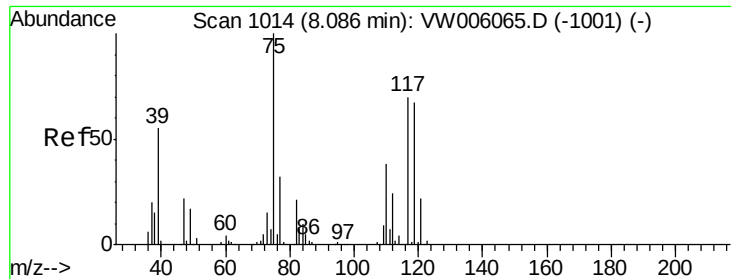


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

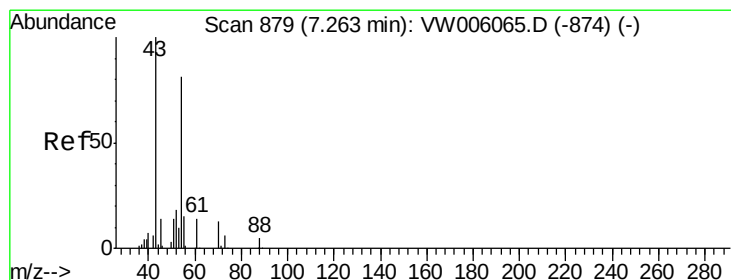
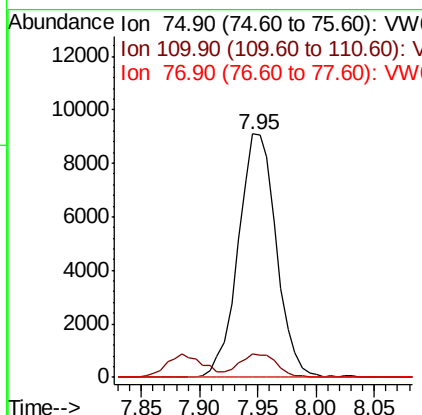
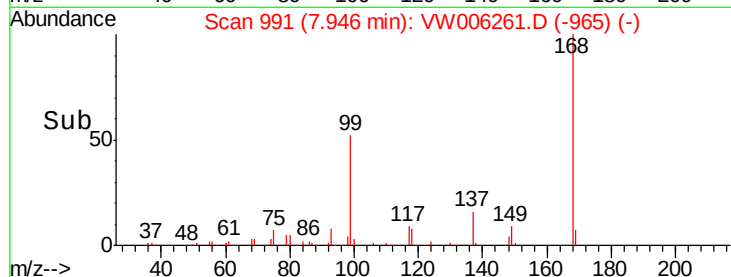
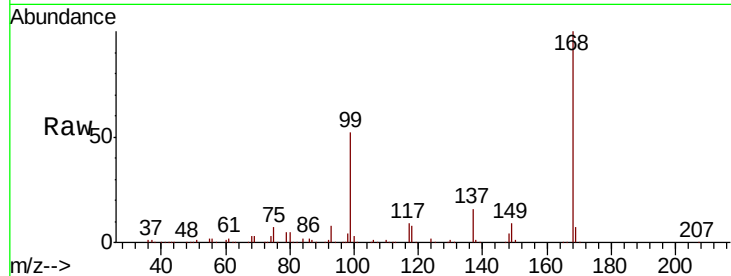




#36
 1,1-Dichloropropene
 Concen: 4.942 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006261.D
 Acq: 22 Oct 2018 19:27

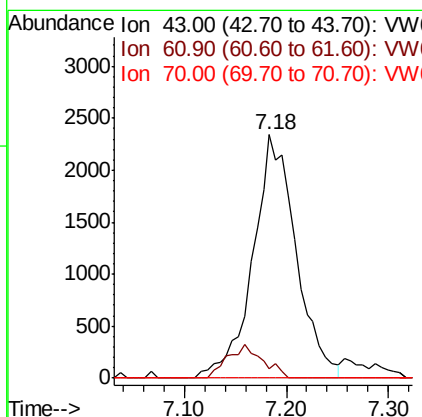
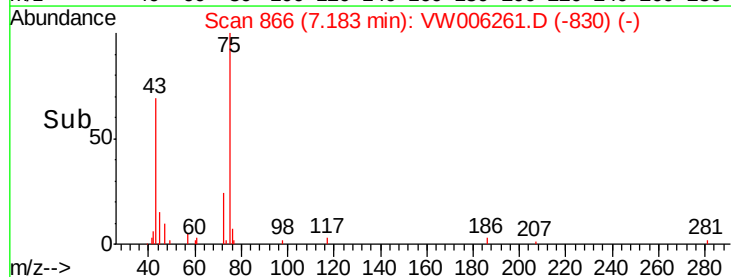
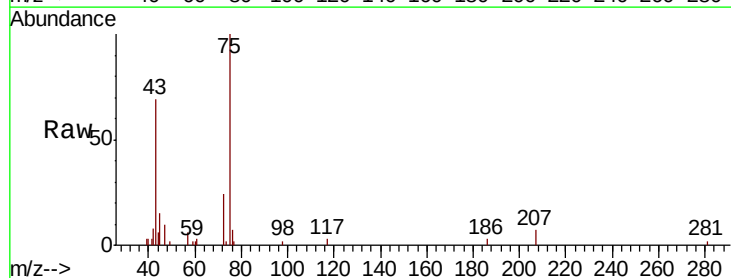
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 SSSI-1018-S-DH-15

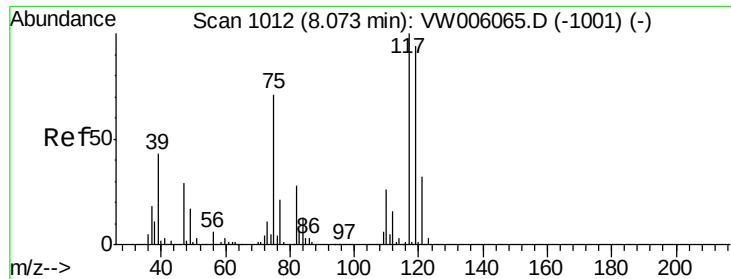
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.4	19.1	57.1#
77	0.0	25.0	37.4#



#37
 Ethyl Acetate
 Concen: 4.419 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. -0.08 min
 Lab File: VW006261.D
 Acq: 22 Oct 2018 19:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	9.2	13.8#





#38

Carbon Tetrachloride

Concen: 6.193 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006261.D

Acq: 22 Oct 2018 19:27

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1018-S-DH-15

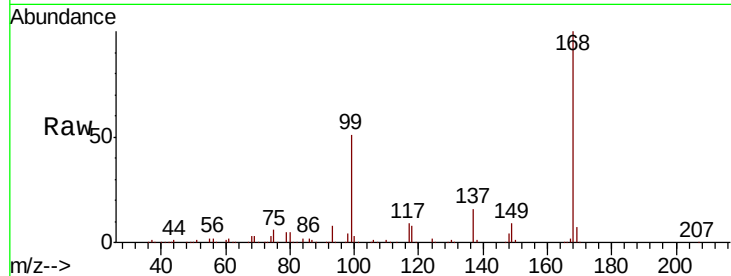
Tot Ion:117 Resp: 28468

Ion Ratio Lower Upper

117 100

119 4.9 75.2 112.8#

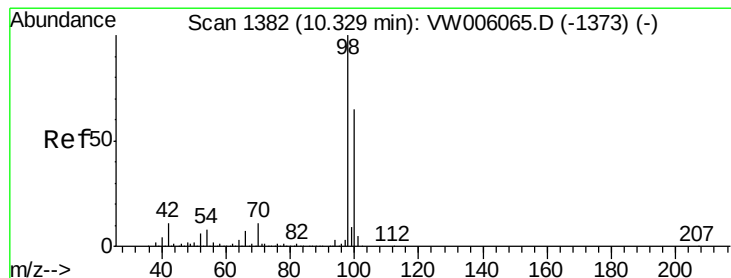
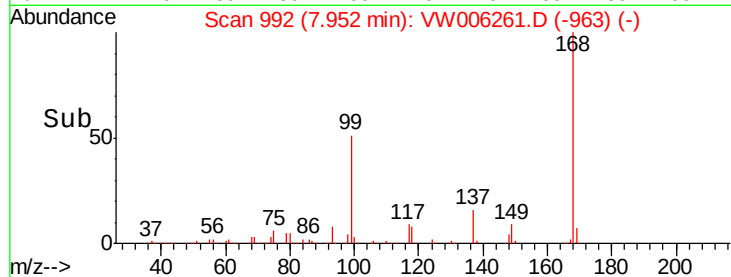
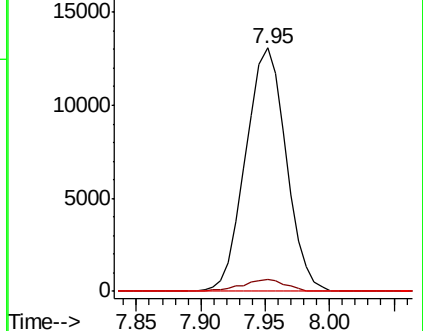
121 0.0 25.3 37.9#



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: 29.855 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006261.D

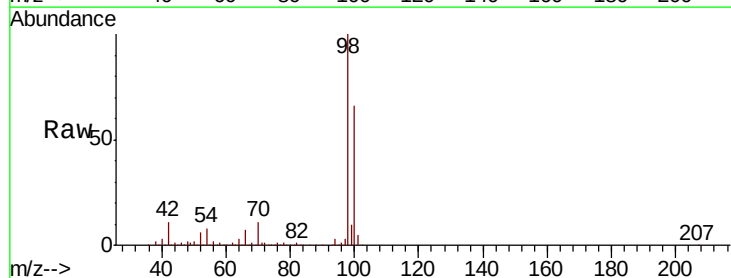
Acq: 22 Oct 2018 19:27

Tgt Ion: 98 Resp: 305319

Ion Ratio Lower Upper

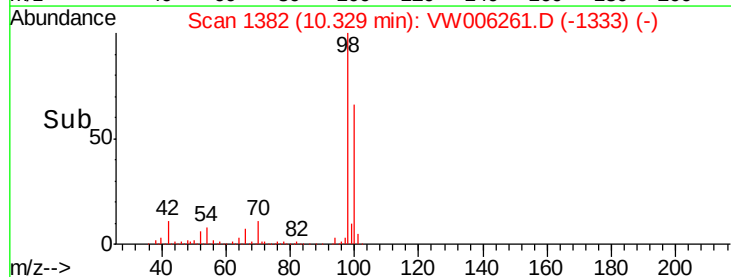
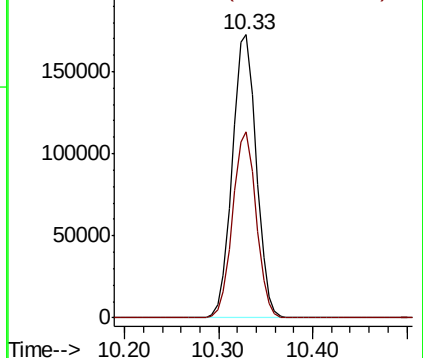
98 100

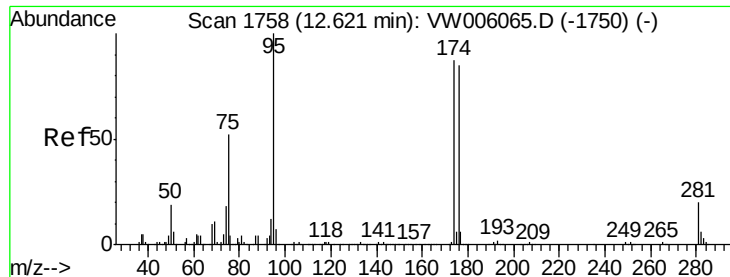
100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 24.284 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006261.D

Acq: 22 Oct 2018 19:27

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1018-S-DH-15

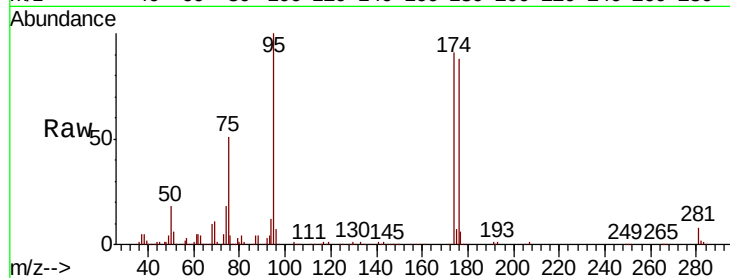
Tot Ion: 95 Resp: 93275

Ion Ratio Lower Upper

95 100

174 94.9 0.0 186.0

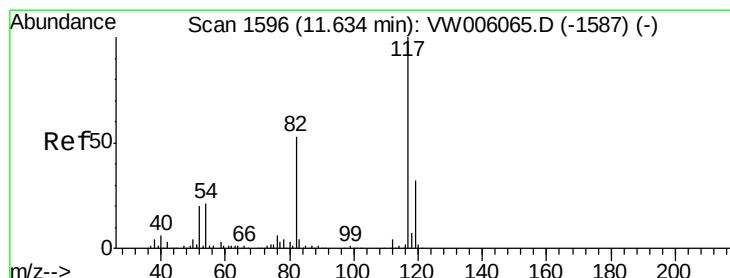
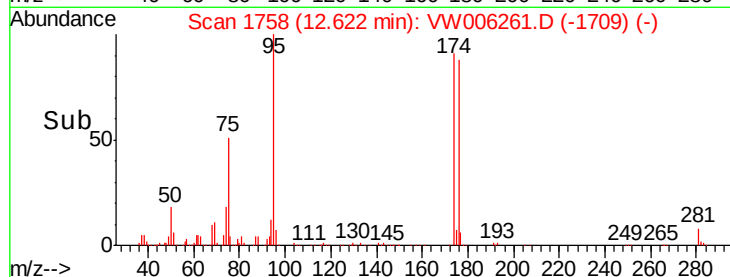
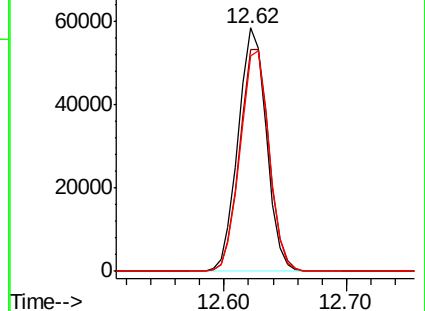
176 92.9 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006261.D

Acq: 22 Oct 2018 19:27

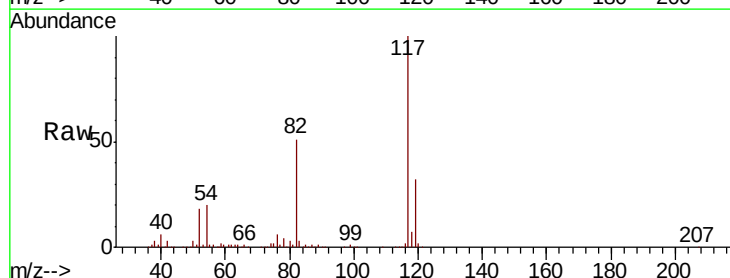
Tgt Ion: 117 Resp: 370006

Ion Ratio Lower Upper

117 100

82 50.8 42.1 63.1

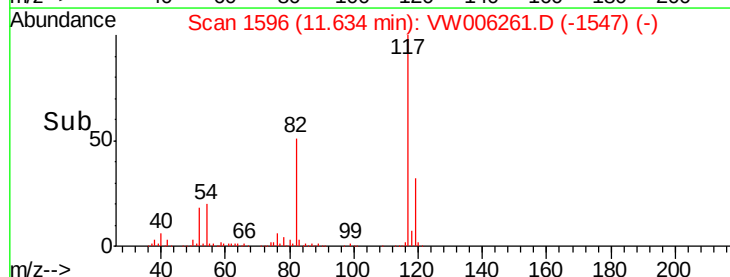
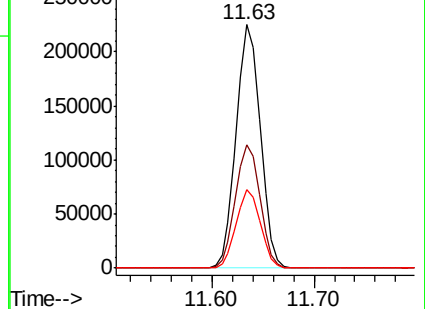
119 32.2 25.8 38.6

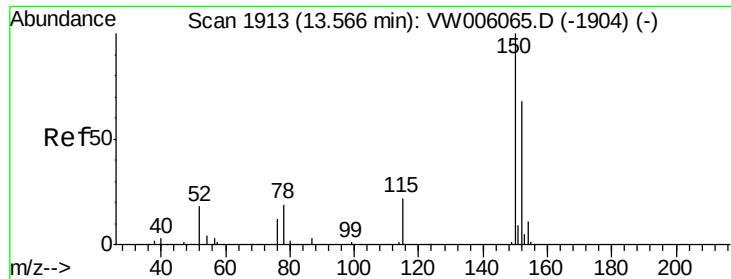


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

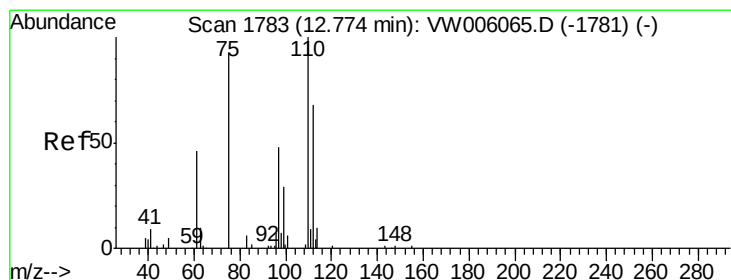
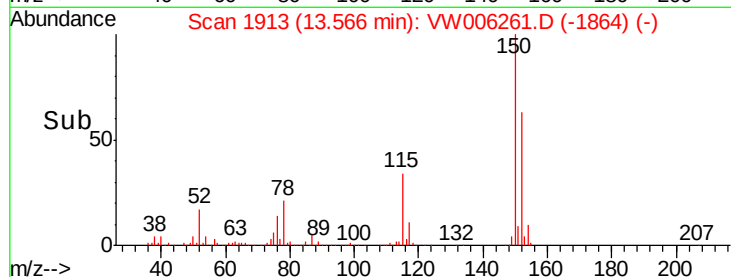
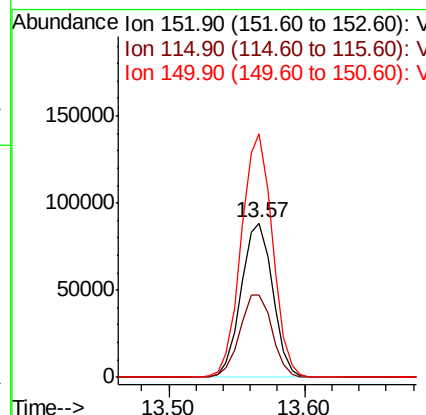
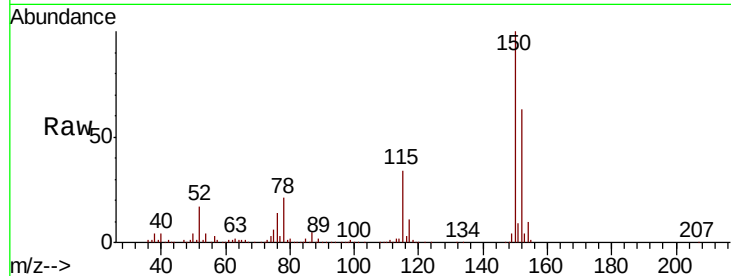




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VW006261.D
 Acq: 22 Oct 2018 19:27

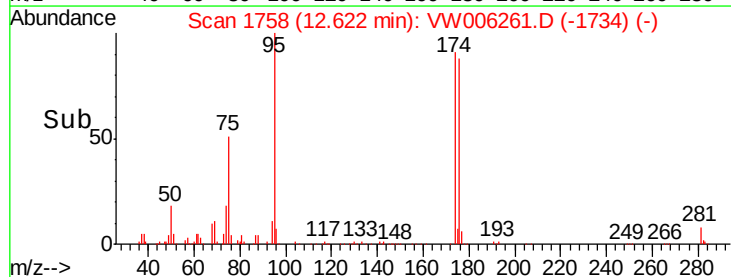
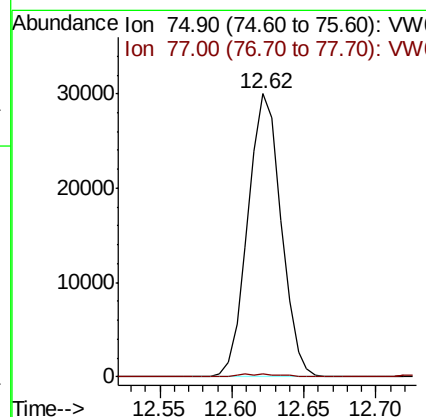
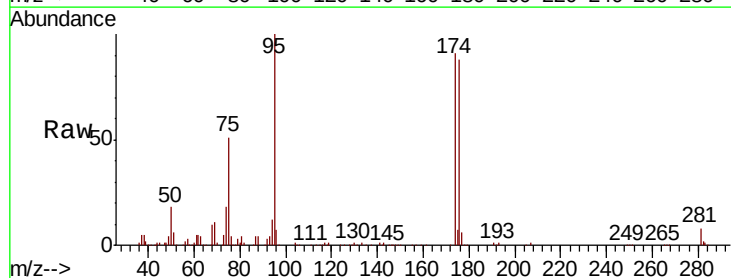
Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1018-S-DH-15

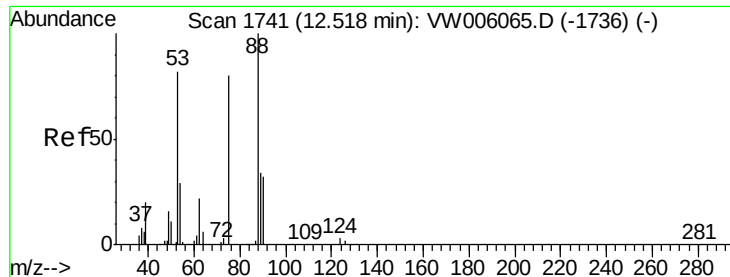
Tot Ion:152 Resp: 143721
 Ion Ratio Lower Upper
 152 100
 115 54.6 27.8 83.3
 150 155.7 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 43.649 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006261.D
 Acq: 22 Oct 2018 19:27

Tgt Ion: 75 Resp: 47915
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 104.337 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006261.D

Acq: 22 Oct 2018 19:27

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1018-S-DH-15

Tot Ion: 75 Resp: 47915

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 37.5 56.3#

