

Data File : VW006831.D
Acq On : 13 Nov 2018 03:35
Operator : SY/AP
Sample : J5910-03
Misc : 5.16G/5ML/MSVOA_W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-17-S

Quant Time: Nov 13 07:15:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	369655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	501756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	454026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	203329	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132498	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	7.88	113	136150	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	
50) Toluene-d8	10.33	98	534250	43.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.28%	
62) 4-Bromofluorobenzene	12.62	95	167678	36.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.52%	

Target Compounds

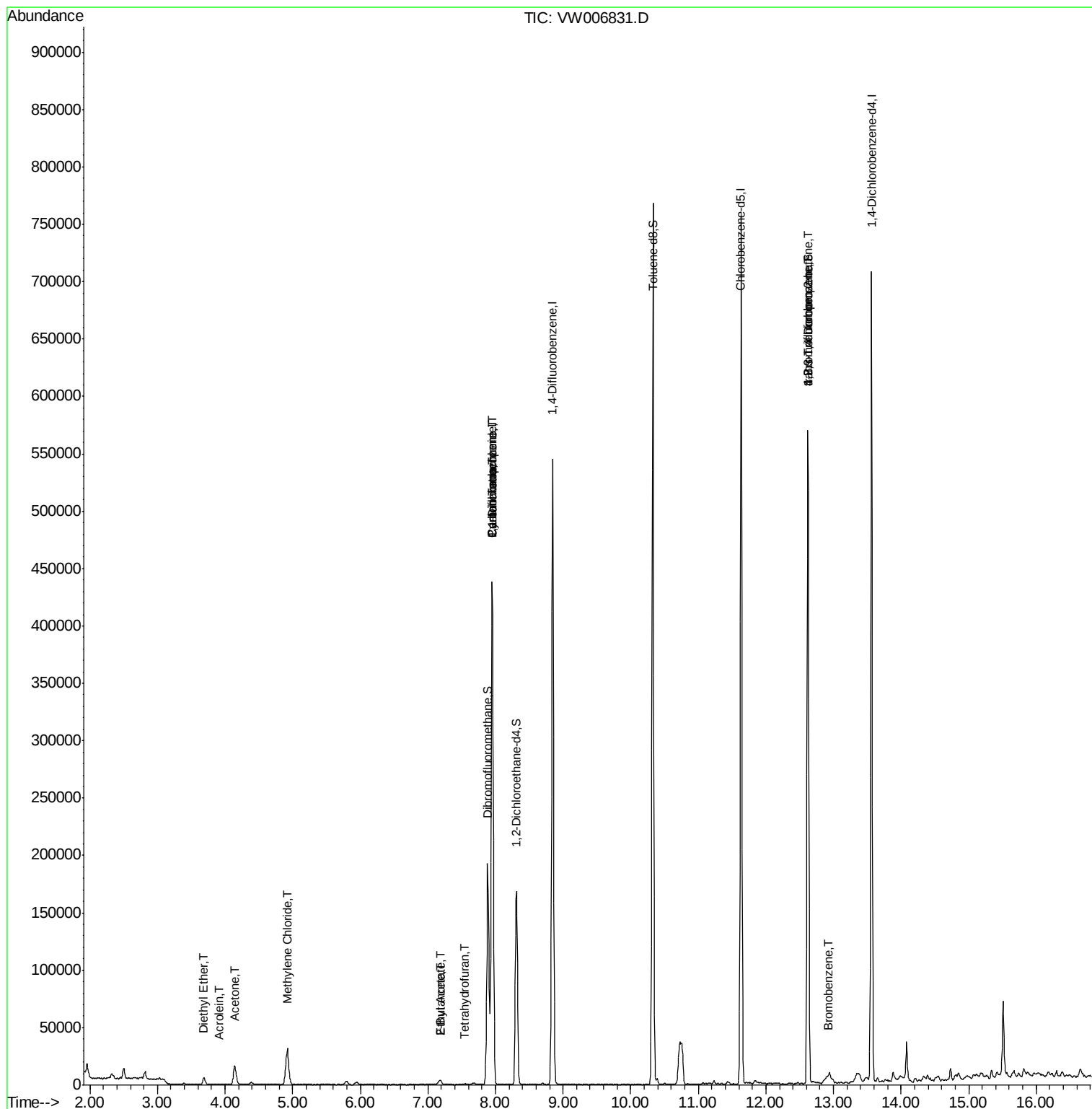
						Qvalue
8) Diethyl Ether	3.69	74	3223	2.253	ug/l	86
13) Acrolein	3.91	56	473	2.550	ug/l #	79
16) Acetone	4.14	43	29830	76.864	ug/l	95
20) Methylene Chloride	4.92	84	25732	2.327	ug/l	95
25) 2-Butanone	7.18	43	6130	9.340	ug/l #	85
29) Tetrahydrofuran	7.54	42	597	1.421	ug/l #	80
31) Cyclohexane	7.95	56	5794	1.119	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	21754	4.633	ug/l #	48
37) Ethyl Acetate	7.18	43	6130	3.992	ug/l #	66
38) Carbon Tetrachloride	7.95	117	31227	6.119	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	79774	54.441	ug/l #	100
77) Bromobenzene	12.92	156	9206	2.587	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	79774	134.665	ug/l #	13

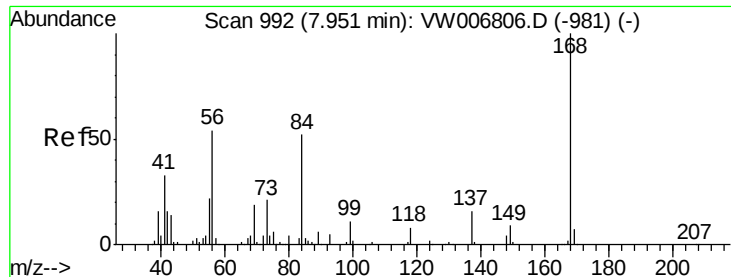
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW006831.D
Acq On : 13 Nov 2018 03:35
Operator : SY/AP
Sample : J5910-03
Misc : 5.16G/5ML/MSVOA_W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-17-S

Quant Time: Nov 13 07:15:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 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: VW006831.D

Acq: 13 Nov 2018 03:35

Instrument :

MSVOA_W

ClientSampled :

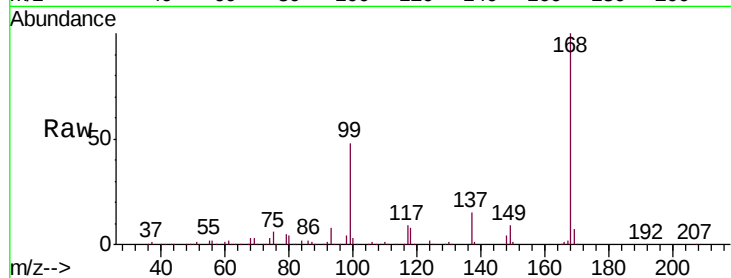
SB-17-S

Tgt Ion:168 Resp: 369655

Ion Ratio Lower Upper

168 100

99 47.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

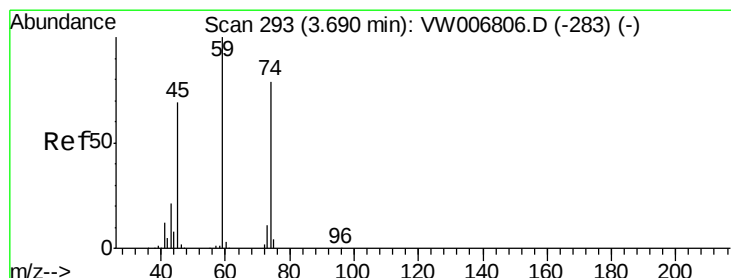
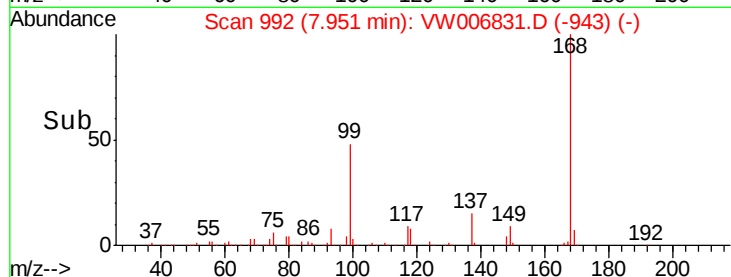
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.253 ug/l

RT: 3.69 min Scan# 293

Delta R.T. -0.00 min

Lab File: VW006831.D

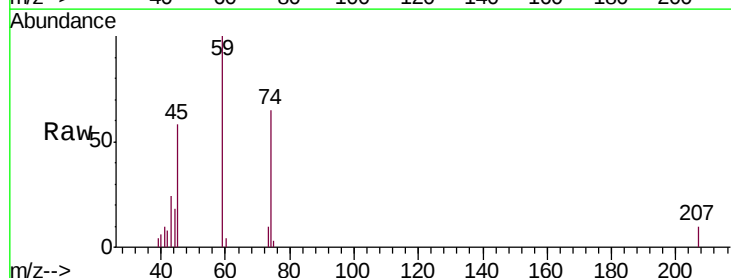
Acq: 13 Nov 2018 03:35

Tgt Ion: 74 Resp: 3223

Ion Ratio Lower Upper

74 100

45 99.4 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

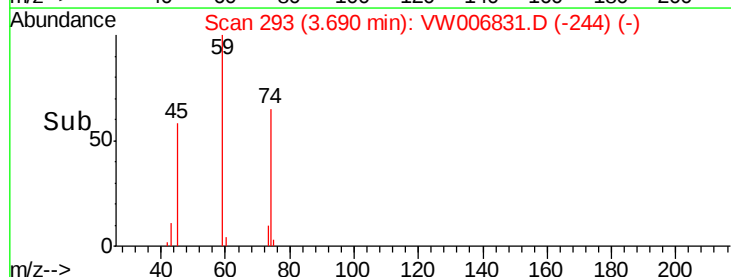
1500

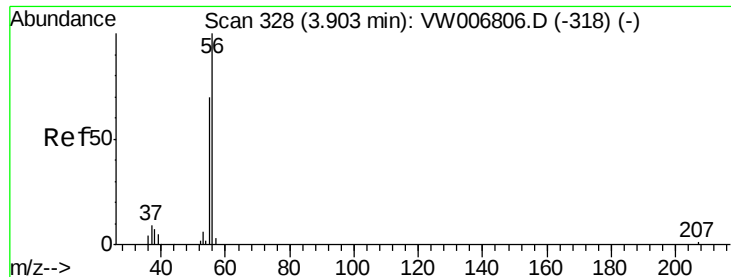
1000

500

0

Time-->





#13

Acrolein

Concen: 2.550 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.01 min

Lab File: VW006831.D

Acq: 13 Nov 2018 03:35

Instrument :

MSVOA_W

ClientSampled :

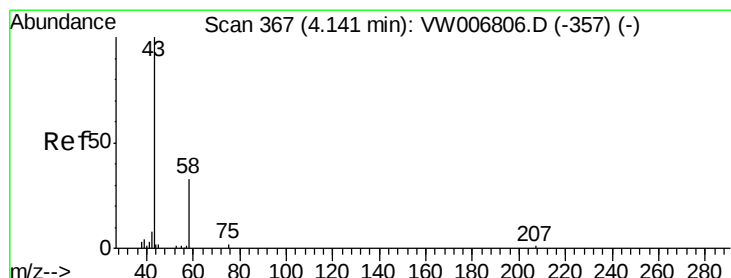
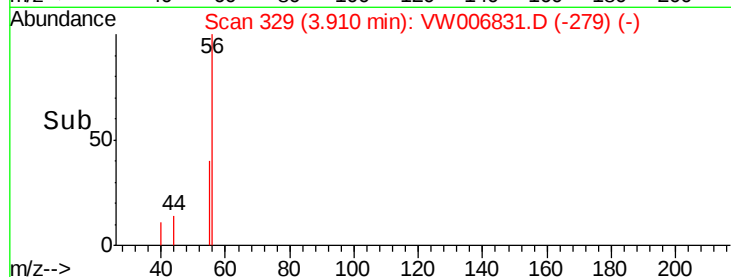
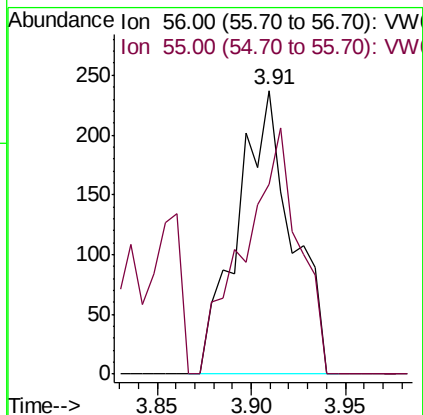
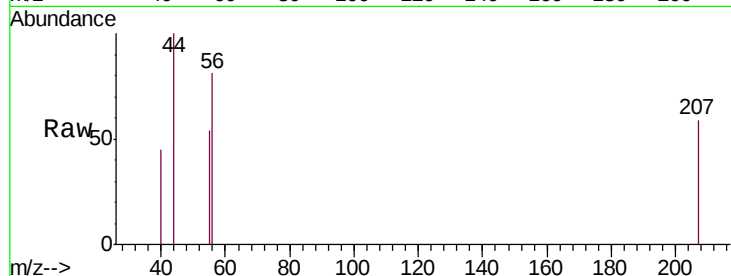
SB-17-S

Tgt Ion: 56 Resp: 473

Ion Ratio Lower Upper

56 100

55 87.5 56.1 84.1#



#16

Acetone

Concen: 76.864 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW006831.D

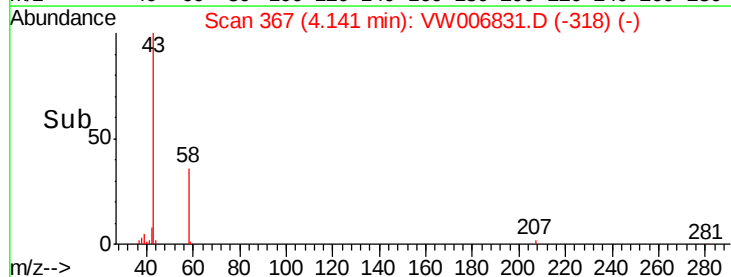
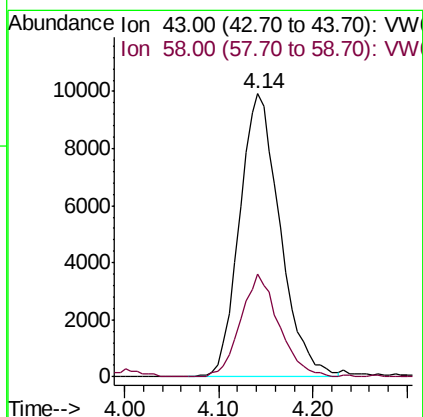
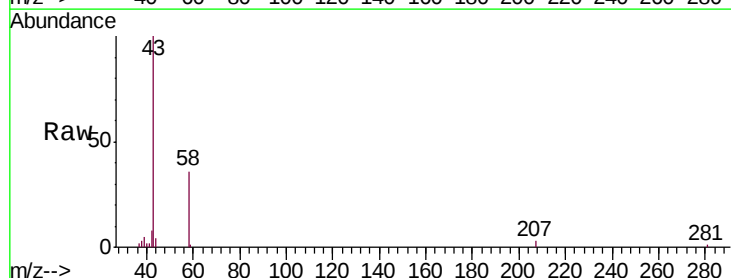
Acq: 13 Nov 2018 03:35

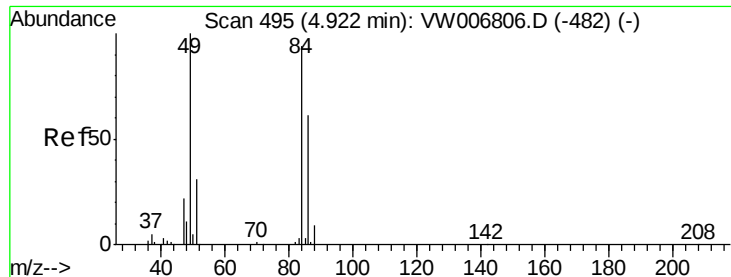
Tgt Ion: 43 Resp: 29830

Ion Ratio Lower Upper

43 100

58 36.2 26.5 39.7

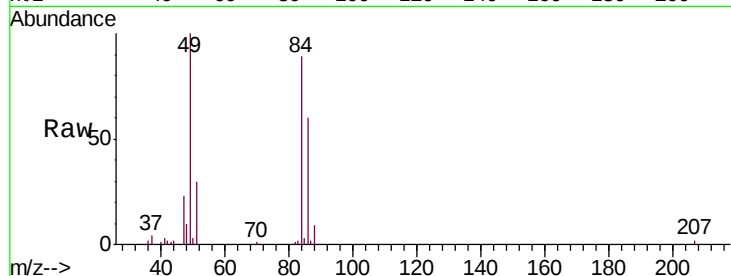




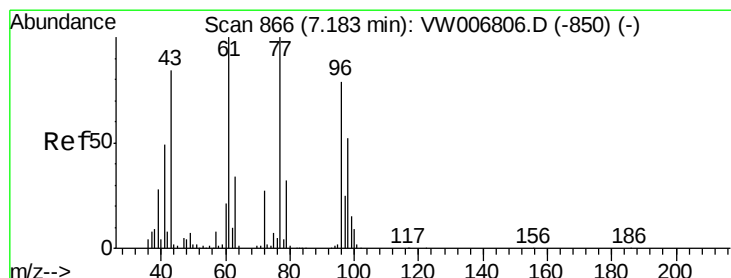
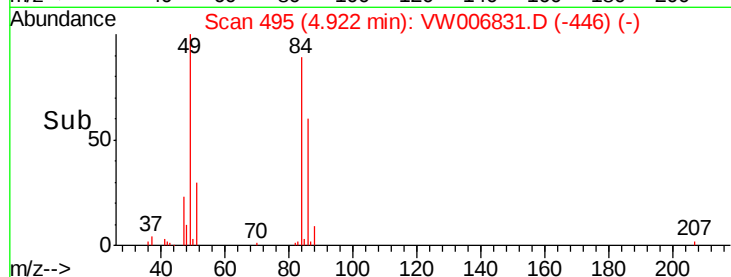
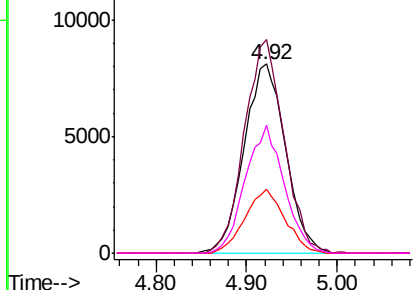
#20
Methylene Chloride
Concen: 2.327 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006831.D
Acq: 13 Nov 2018 03:35

Instrument :
MSVOA_W
ClientSampled :
SB-17-S

Tgt Ion: 84 Resp: 25732
Ion Ratio Lower Upper
84 100
49 113.0 84.8 127.2
51 34.1 26.2 39.4
86 67.9 51.8 77.8

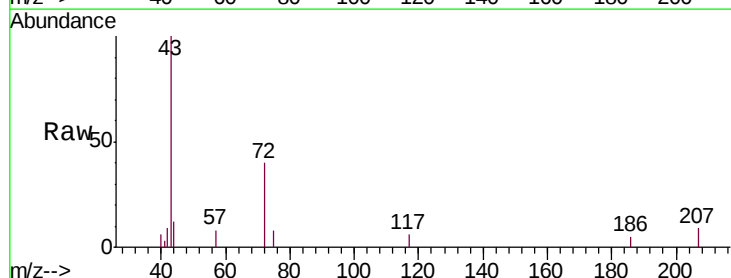


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

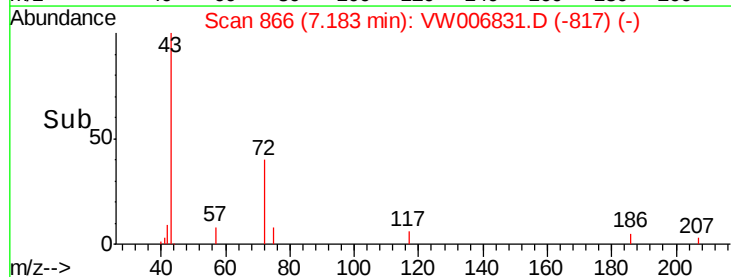
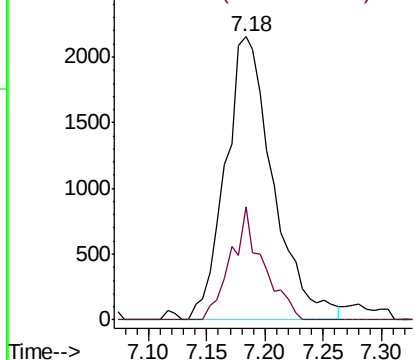


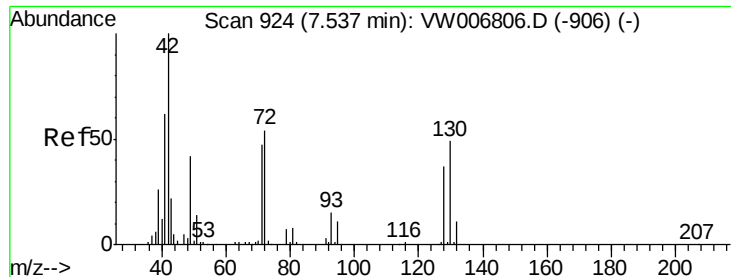
#25
2-Butanone
Concen: 9.340 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: VW006831.D
Acq: 13 Nov 2018 03:35

Tgt Ion: 43 Resp: 6130
Ion Ratio Lower Upper
43 100
72 40.2 25.3 37.9#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

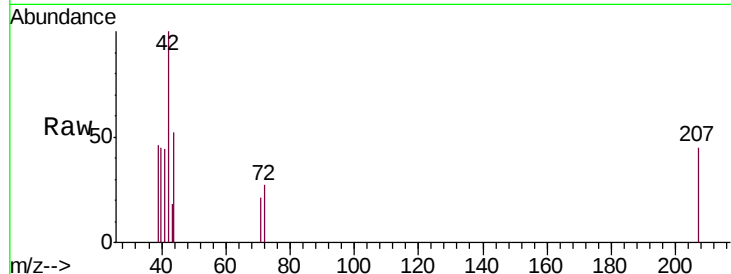




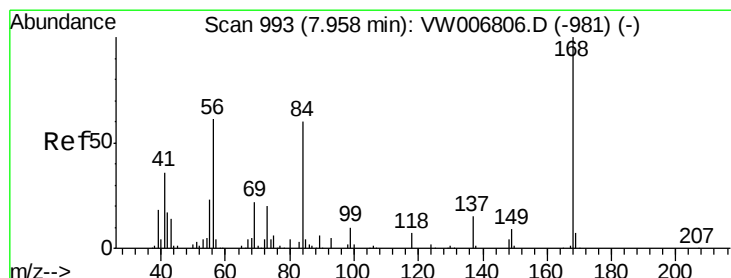
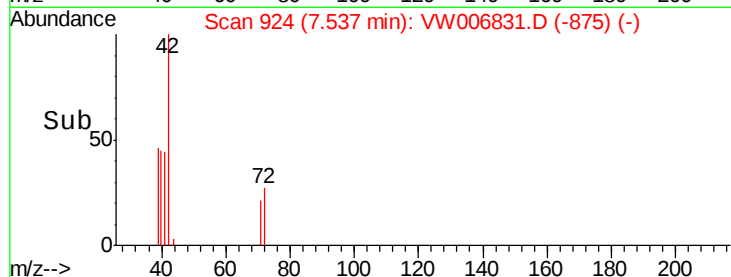
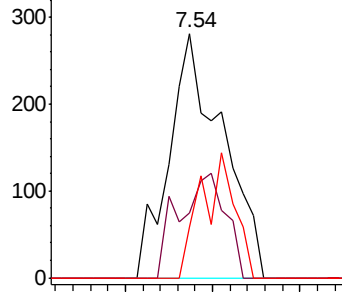
#29
Tetrahydrofuran
Concen: 1.421 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006831.D
Acq: 13 Nov 2018 03:35

Instrument :
MSVOA_W
ClientSampleId :
SB-17-S

Tgt Ion: 42 Resp: 597
Ion Ratio Lower Upper
42 100
72 37.4 40.9 61.3#
71 32.2 36.9 55.3#

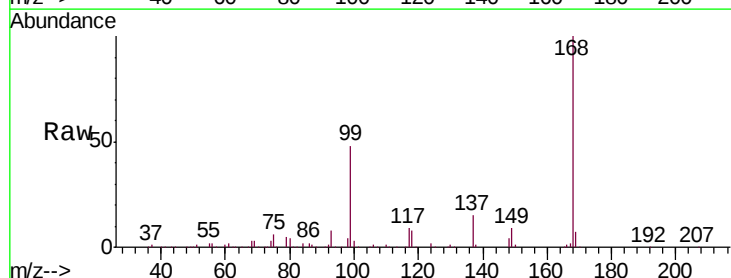


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

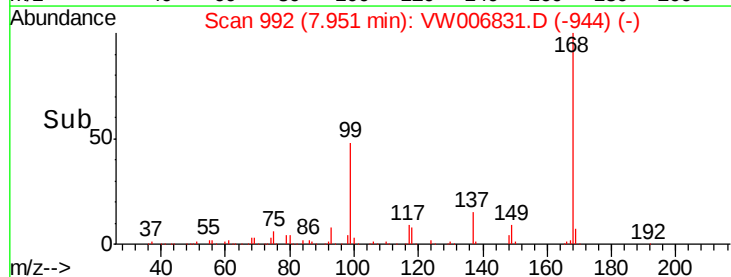
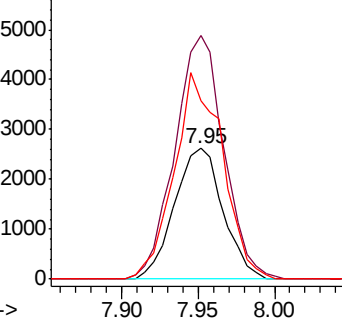


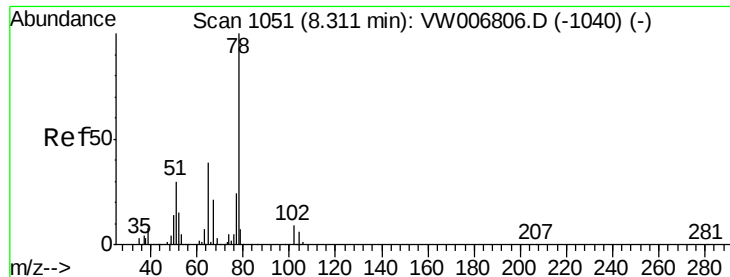
#31
Cyclohexane
Concen: 1.119 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006831.D
Acq: 13 Nov 2018 03:35

Tgt Ion: 56 Resp: 5794
Ion Ratio Lower Upper
56 100
69 186.1 28.9 43.3#
84 135.9 79.0 118.4#



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: 49.032 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006831.D

Acq: 13 Nov 2018 03:35

Instrument :

MSVOA_W

ClientSampleId :

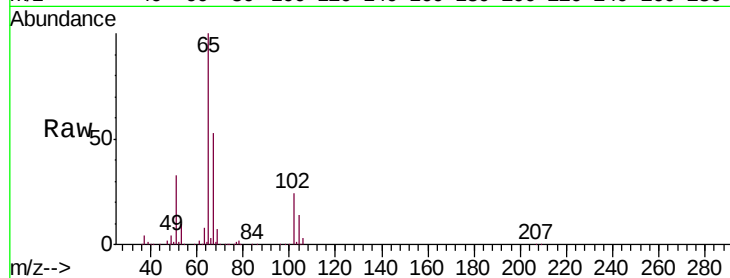
SB-17-S

Tgt Ion: 65 Resp: 132498

Ion Ratio Lower Upper

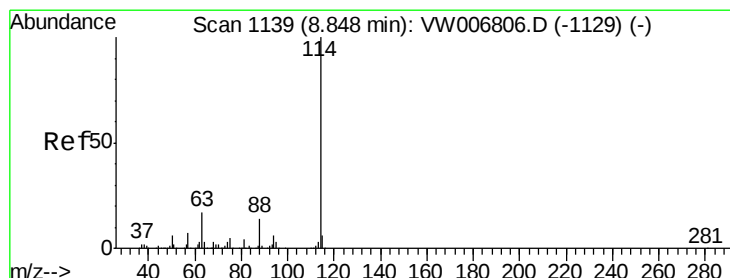
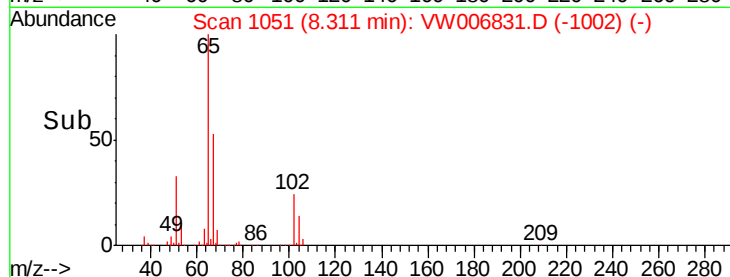
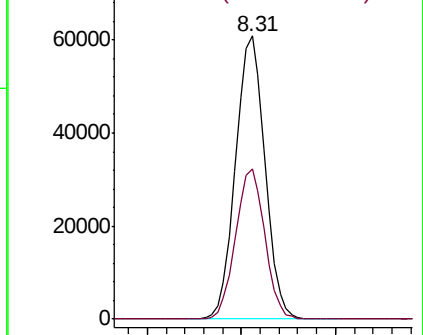
65 100

67 52.7 0.0 104.4



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: VW006831.D

Acq: 13 Nov 2018 03:35

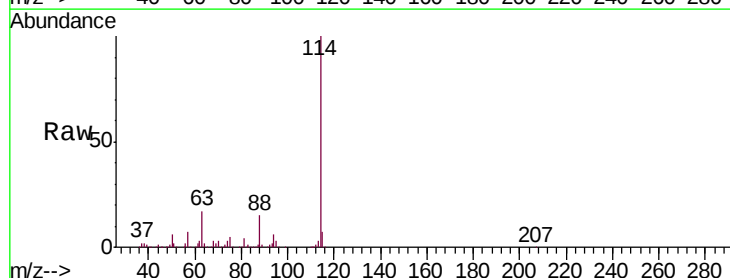
Tgt Ion: 114 Resp: 501756

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.6

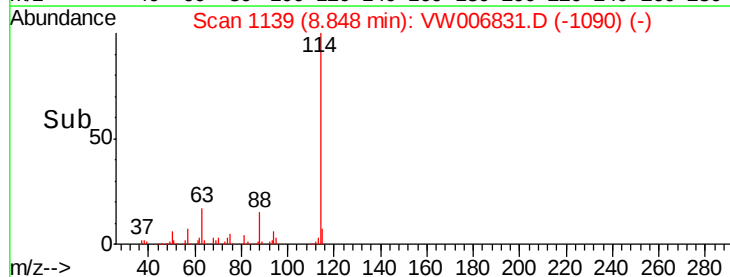
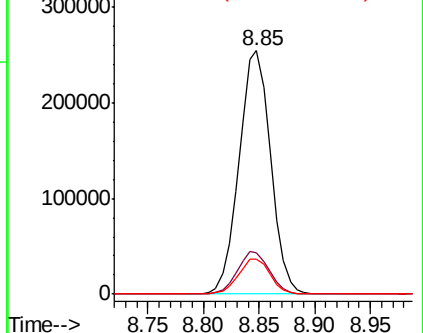
88 14.6 0.0 28.4

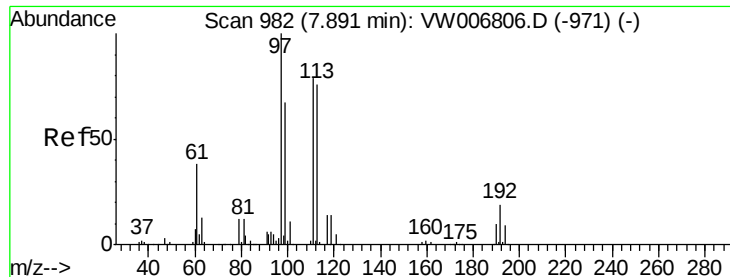


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 45.568 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006831.D

Acq: 13 Nov 2018 03:35

Instrument :

MSVOA_W

ClientSampleId :

SB-17-S

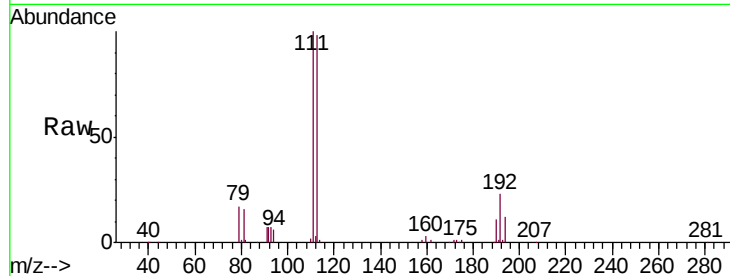
Tgt Ion:113 Resp: 136150

Ion Ratio Lower Upper

113 100

111 102.5 81.0 121.6

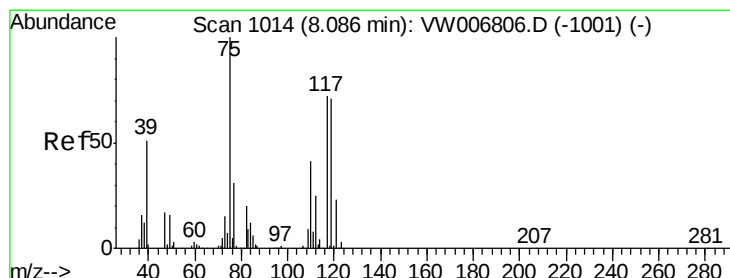
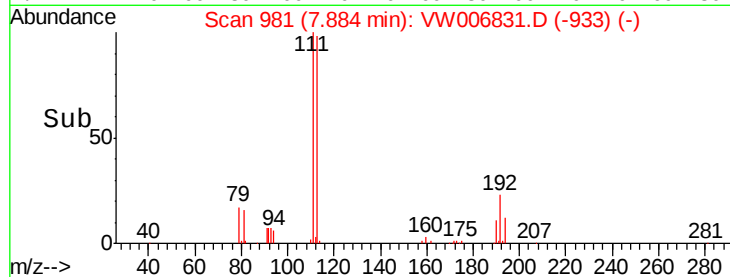
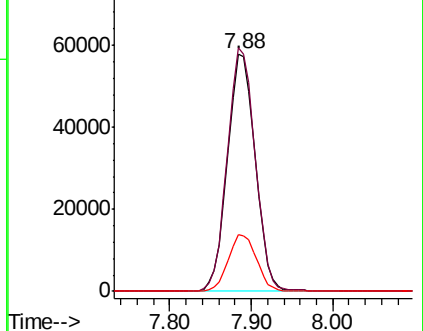
192 24.1 19.0 28.6



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: 4.633 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006831.D

Acq: 13 Nov 2018 03:35

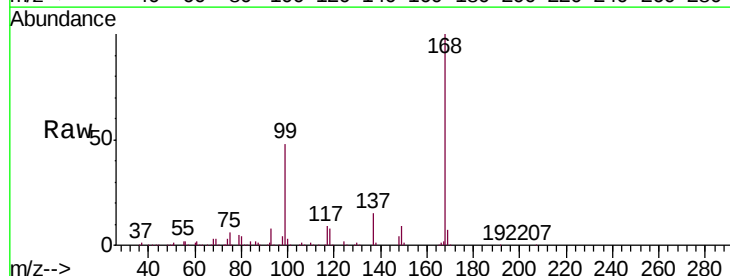
Tgt Ion: 75 Resp: 21754

Ion Ratio Lower Upper

75 100

110 10.0 19.9 59.6#

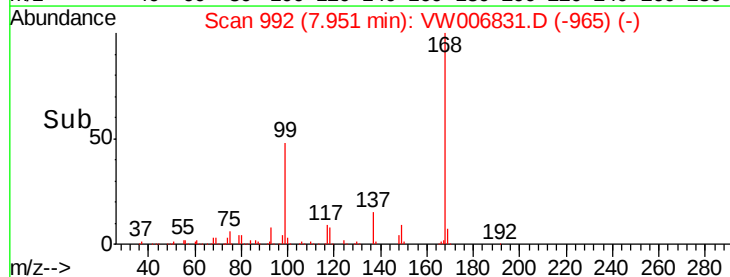
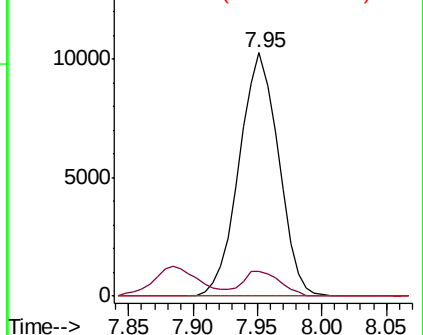
77 0.0 25.4 38.2#

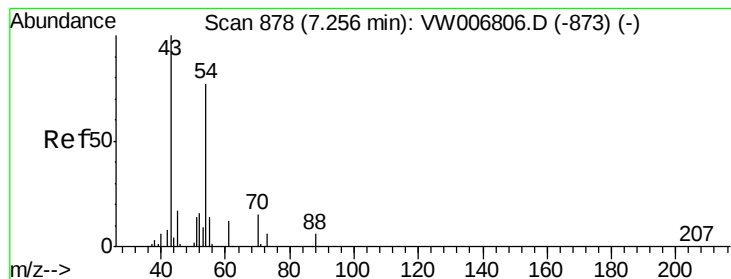


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 3.992 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.07 min

Lab File: VW006831.D

Acq: 13 Nov 2018 03:35

Instrument :

MSVOA_W

ClientSampleId :

SB-17-S

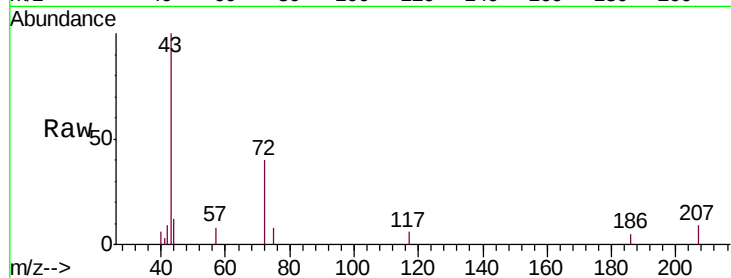
Tgt Ion: 43 Resp: 6130

Ion Ratio Lower Upper

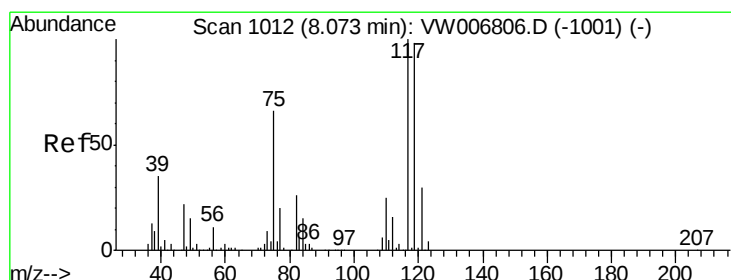
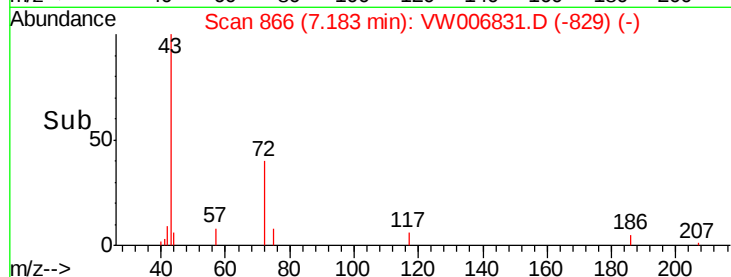
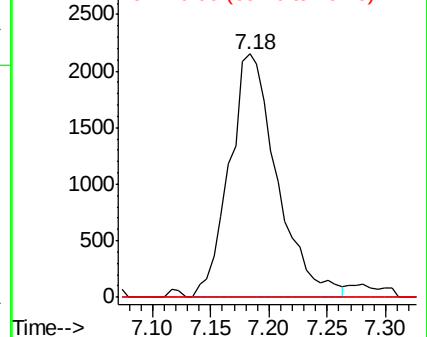
43 100

61 0.0 11.7 17.5#

70 0.0 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 6.119 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006831.D

Acq: 13 Nov 2018 03:35

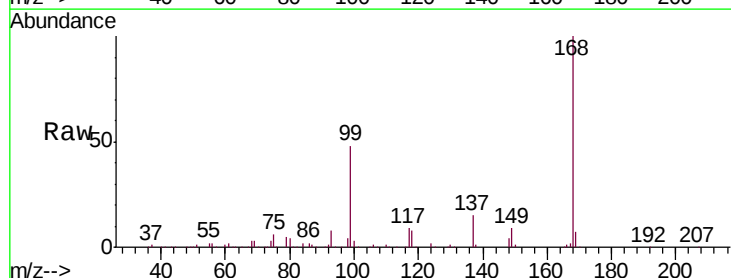
Tgt Ion: 117 Resp: 31227

Ion Ratio Lower Upper

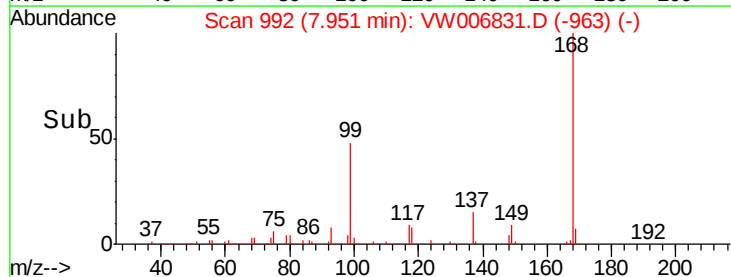
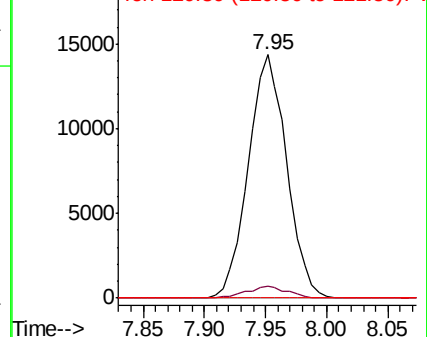
117 100

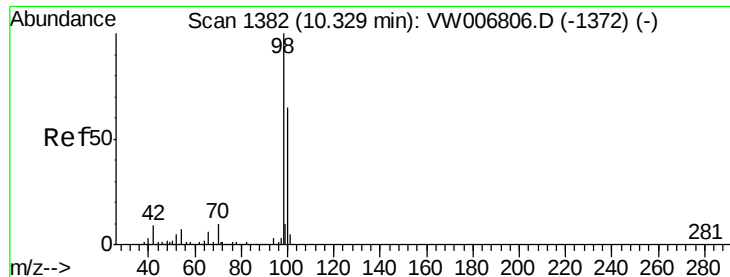
119 5.1 78.5 117.7#

121 0.0 24.2 36.2#



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: 43.140 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006831.D

Acq: 13 Nov 2018 03:35

Instrument :

MSVOA_W

ClientSampleId :

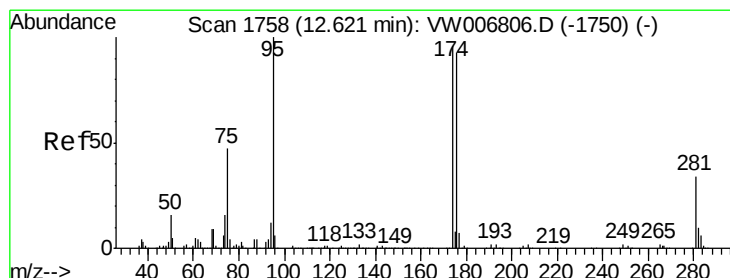
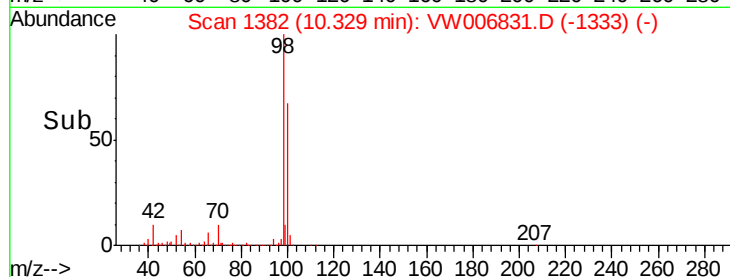
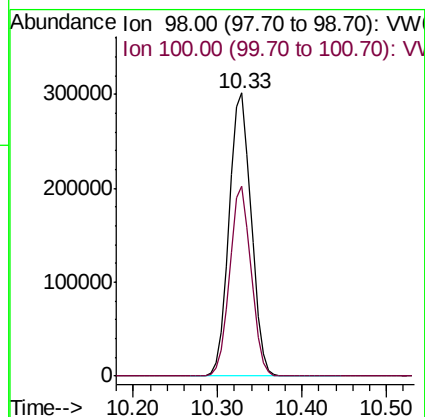
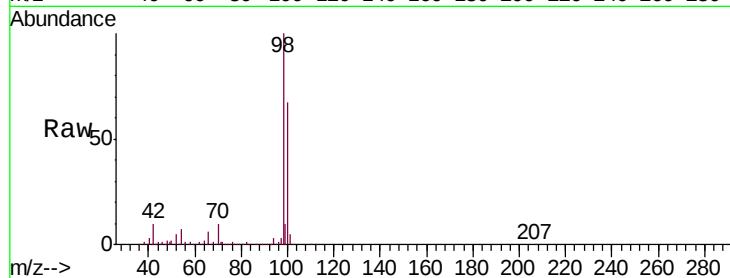
SB-17-S

Tgt Ion: 98 Resp: 534250

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 36.762 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006831.D

Acq: 13 Nov 2018 03:35

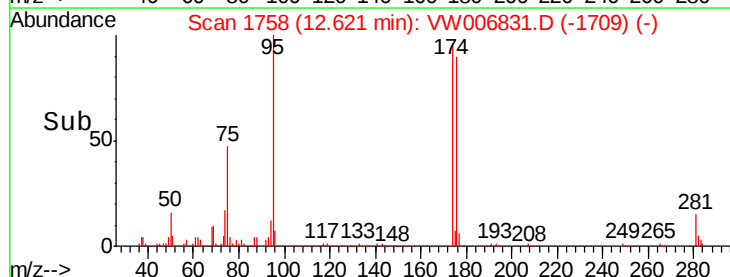
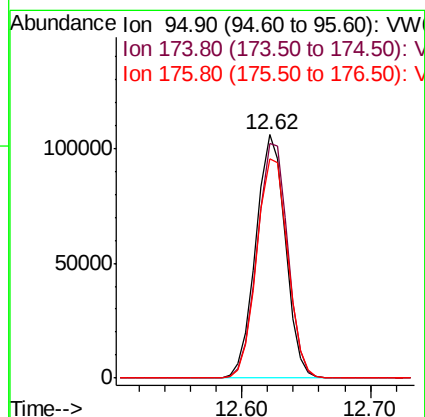
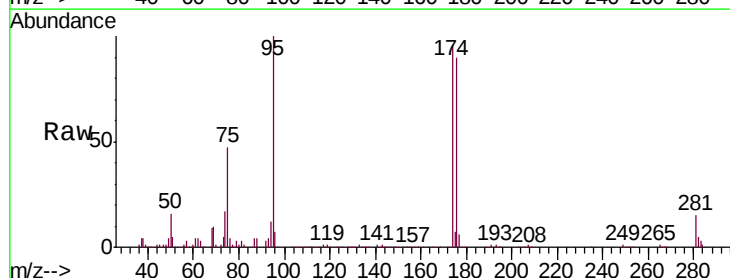
Tgt Ion: 95 Resp: 167678

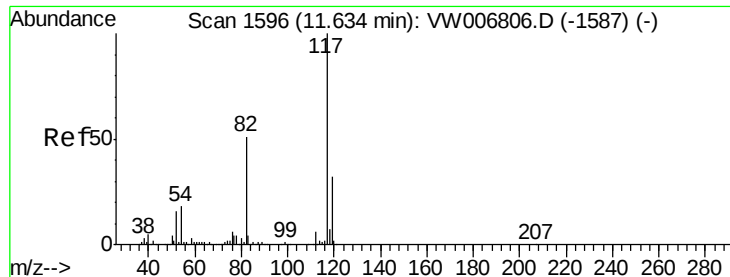
Ion Ratio Lower Upper

95 100

174 99.5 0.0 196.6

176 94.7 0.0 191.6

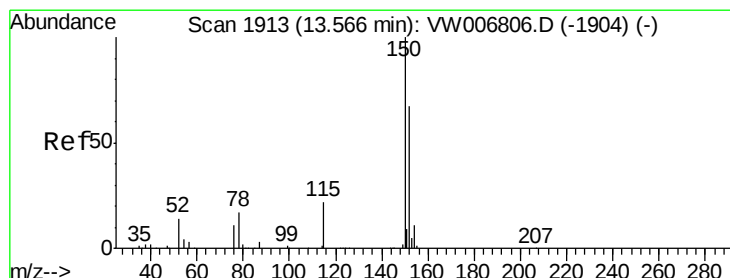
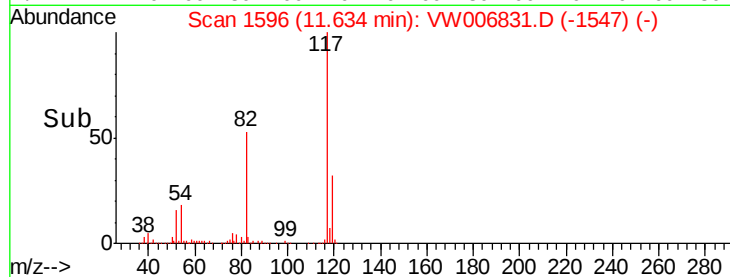
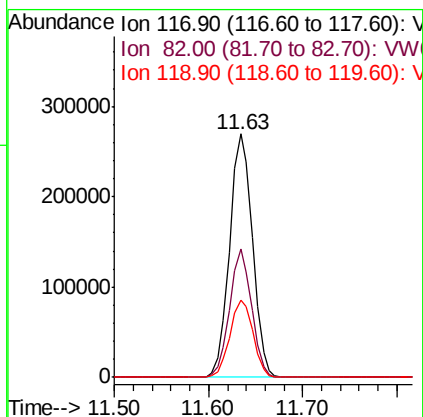
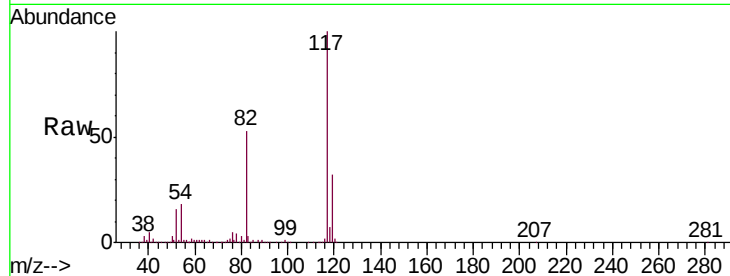




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006831.D
Acq: 13 Nov 2018 03:35

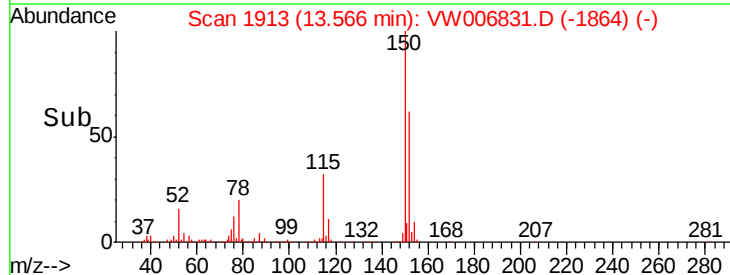
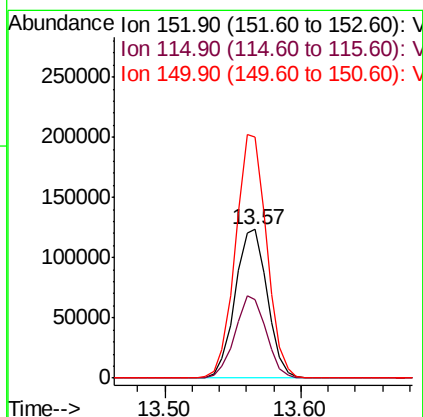
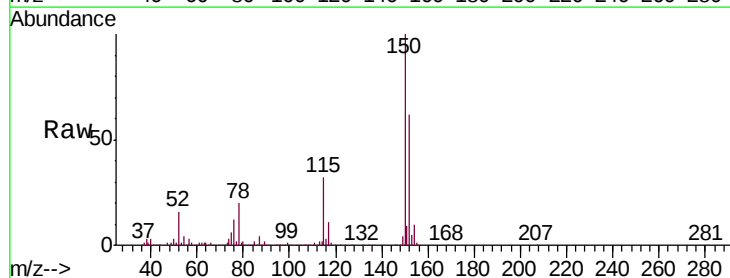
Instrument :
MSVOA_W
ClientSampleId :
SB-17-S

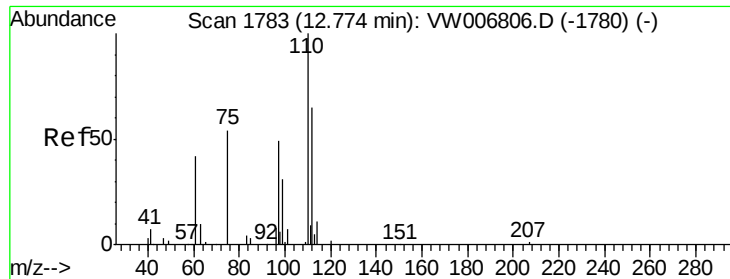
Tgt Ion:117 Resp: 454026
Ion Ratio Lower Upper
117 100
82 52.8 40.6 61.0
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006831.D
Acq: 13 Nov 2018 03:35

Tgt Ion:152 Resp: 203329
Ion Ratio Lower Upper
152 100
115 53.7 27.3 81.8
150 158.4 0.0 353.0

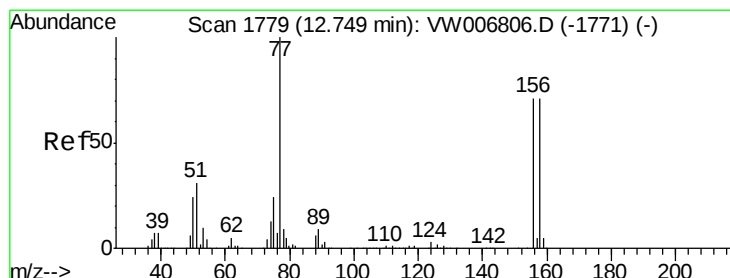
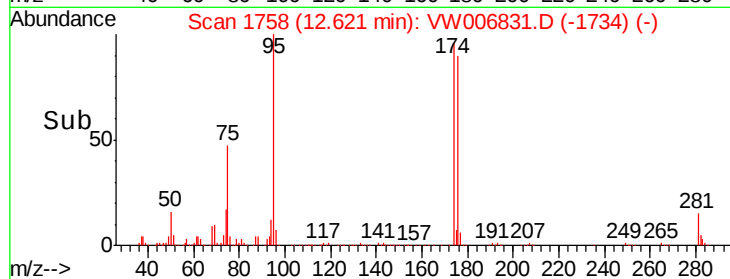
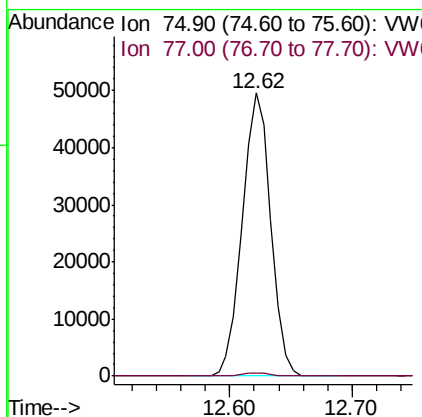
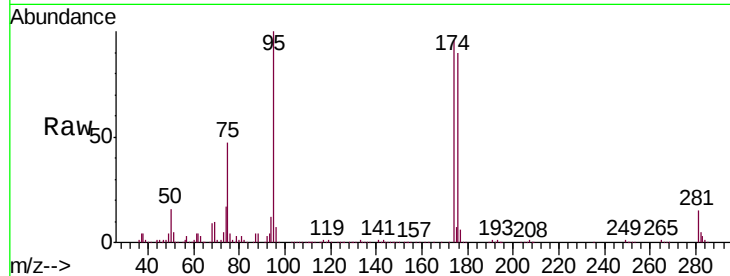




#76
 1,2,3-Trichloropropane
 Concen: 54.441 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006831.D
 Acq: 13 Nov 2018 03:35

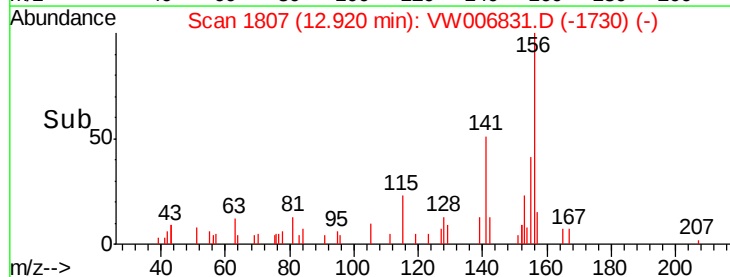
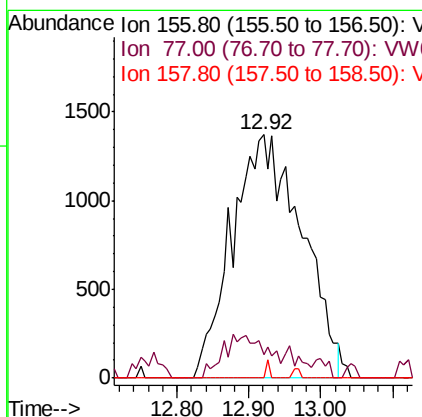
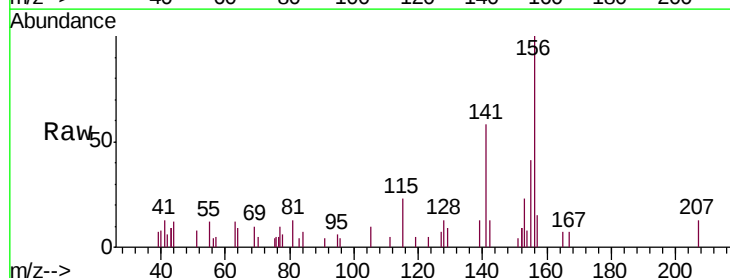
Instrument :
 MSVOA_W
 ClientSampled :
 SB-17-S

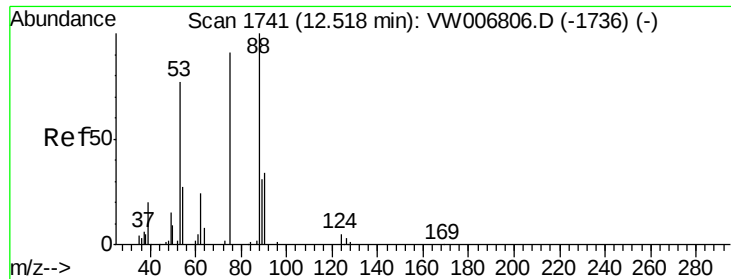
Tgt Ion: 75 Resp: 79774
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#77
 Bromobenzene
 Concen: 2.587 ug/l
 RT: 12.92 min Scan# 1807
 Delta R.T. 0.17 min
 Lab File: VW006831.D
 Acq: 13 Nov 2018 03:35

Tgt Ion: 156 Resp: 9206
 Ion Ratio Lower Upper
 156 100
 77 0.0 75.3 225.7#
 158 0.4 49.2 147.6#





#81

trans-1,4-Dichloro-2-butene

Concen: 134.665 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006831.D

Acq: 13 Nov 2018 03:35

Instrument :

MSVOA_W

ClientSampleId :

SB-17-S

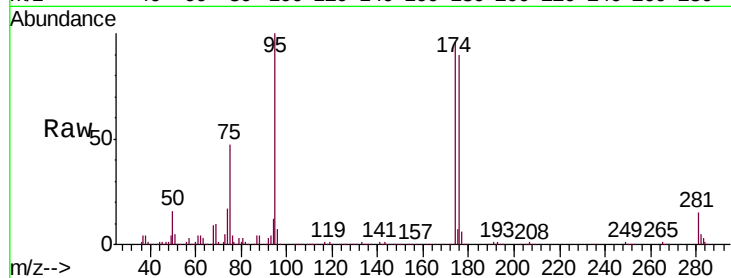
Tgt Ion: 75 Resp: 79774

Ion Ratio Lower Upper

75 100

53 0.2 72.9 109.3#

89 0.0 38.7 58.1#



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

