

Data File : VW005919.D
Acq On : 09 Oct 2018 03:37
Operator : SY/AP
Sample : J5306-03
Misc : 6.36G/5ML/MSVOA_W/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-23-V

Quant Time: Oct 09 06:17:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	332029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	286891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	131404	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	74238	34.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.44%	
35) Dibromofluoromethane	7.88	113	71995	33.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.92%	
50) Toluene-d8	10.33	98	242865	29.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.56%	
62) 4-Bromofluorobenzene	12.62	95	88326	28.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.92%	

Target Compounds

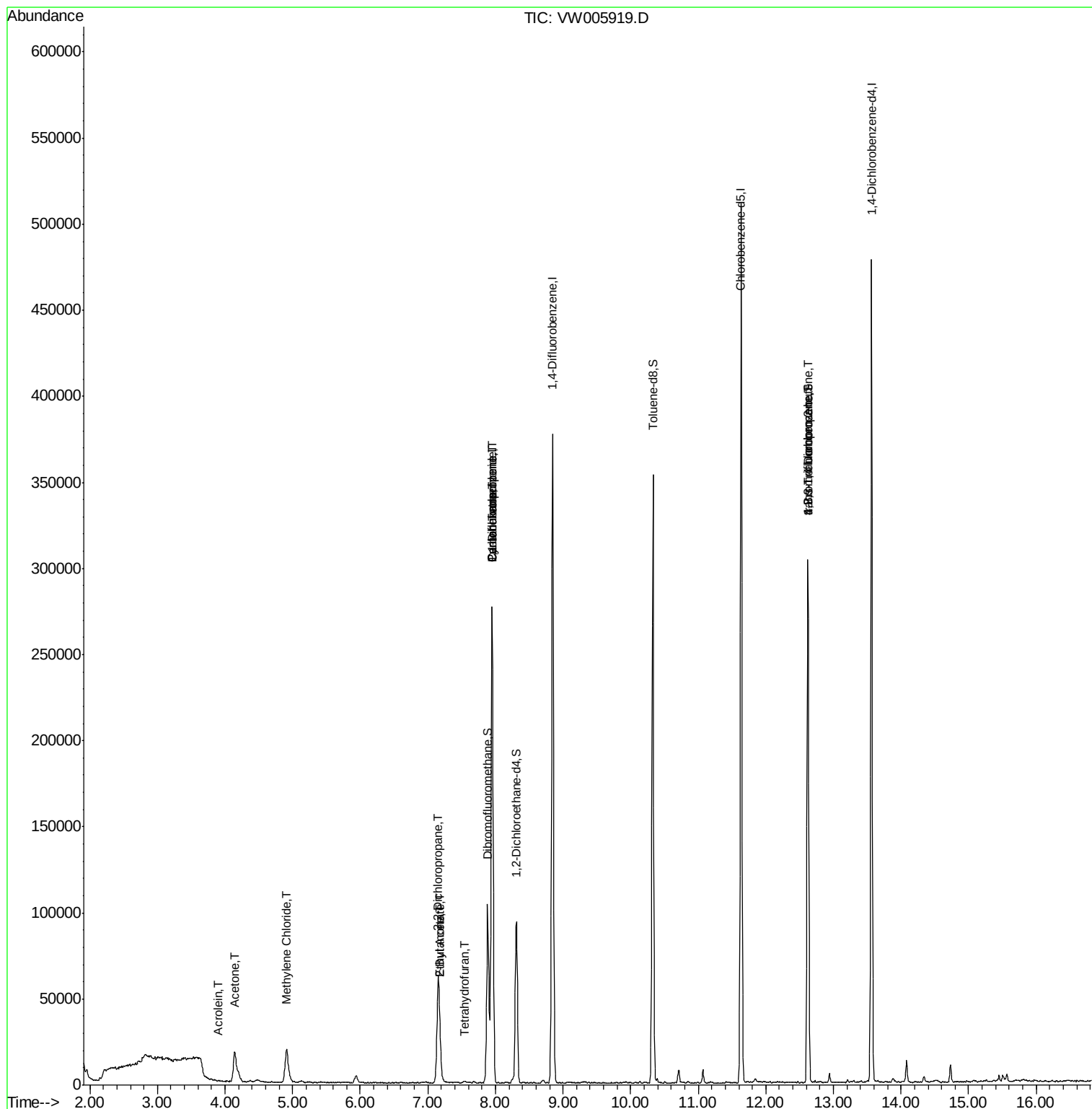
						Qvalue
13) Acrolein	3.89	56	312	2.202	ug/l #	37
16) Acetone	4.14	43	34333	79.221	ug/l	99
20) Methylene Chloride	4.91	84	16633	7.660	ug/l	94
25) 2-Butanone	7.18	43	14375	23.321	ug/l	99
26) 2,2-Dichloropropane	7.16	77	4659	1.725	ug/l #	52
29) Tetrahydrofuran	7.54	42	599	1.537	ug/l #	46
31) Cyclohexane	7.95	56	4688	1.234	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	15067	4.736	ug/l #	48
37) Ethyl Acetate	7.18	43	14375	10.670	ug/l #	69
38) Carbon Tetrachloride	7.95	117	20270	5.930	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	44878	38.233	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	44878	80.714	ug/l #	11

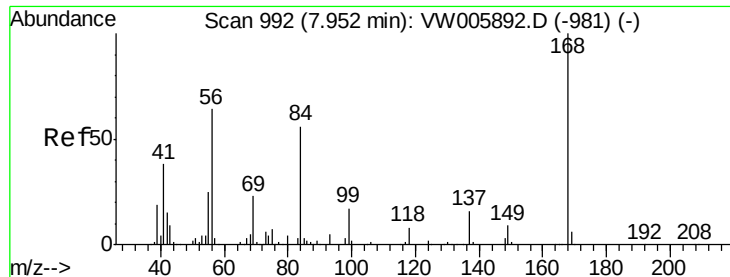
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW005919.D
Acq On : 09 Oct 2018 03:37
Operator : SY/AP
Sample : J5306-03
Misc : 6.36G/5ML/MSVOA_W/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-23-V

Quant Time: Oct 09 06:17:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 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: VW005919.D

Acq: 09 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

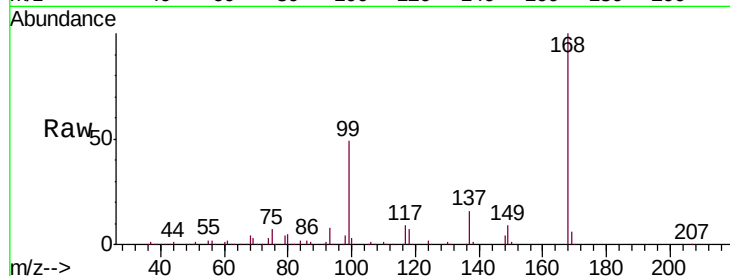
S-23-V

Tgt Ion:168 Resp: 223501

Ion Ratio Lower Upper

168 100

99 48.8 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

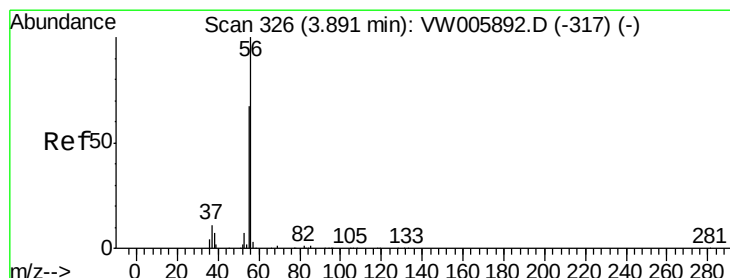
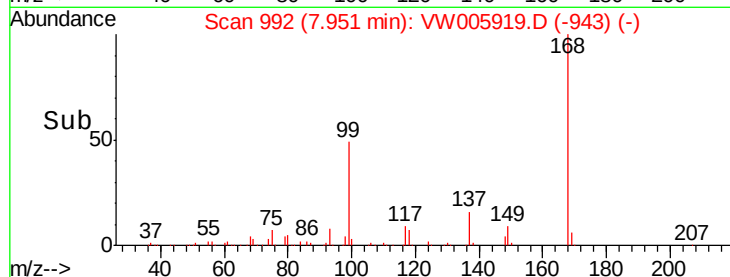
60000

40000

20000

0

Time-->



#13

Acrolein

Concen: 2.202 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW005919.D

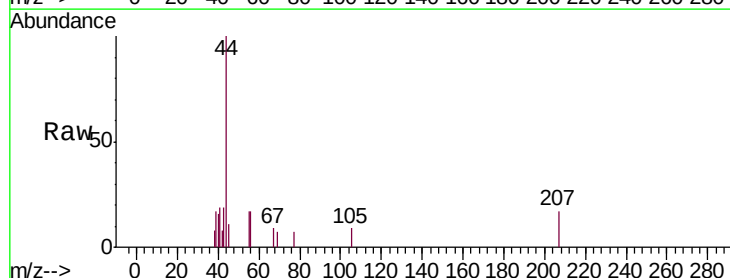
Acq: 09 Oct 2018 03:37

Tgt Ion: 56 Resp: 312

Ion Ratio Lower Upper

56 100

55 17.0 54.6 82.0#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

300

250

200

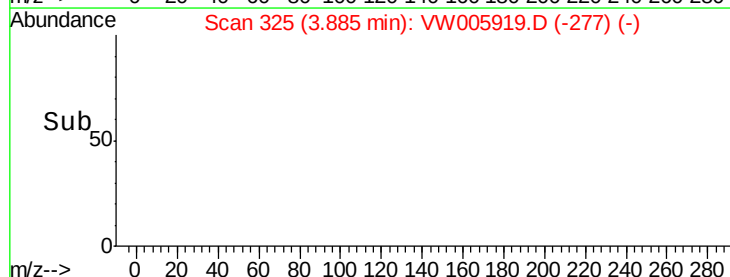
150

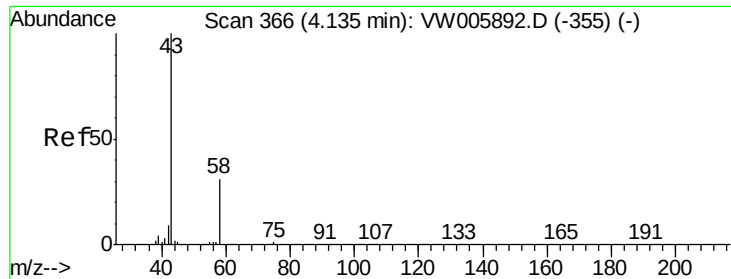
100

50

0

Time-->





#16

Acetone

Concen: 79.221 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005919.D

Acq: 09 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

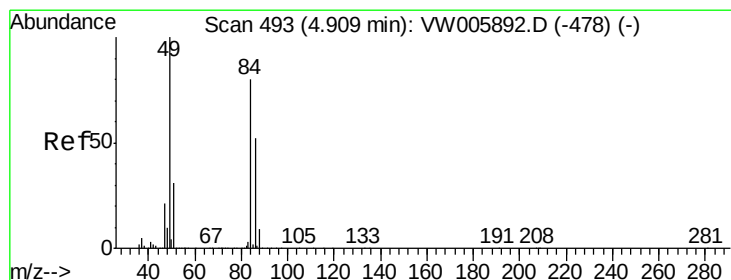
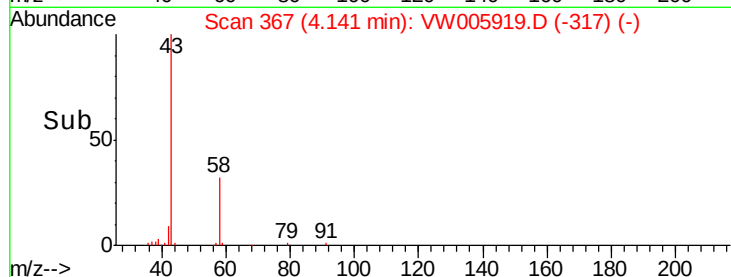
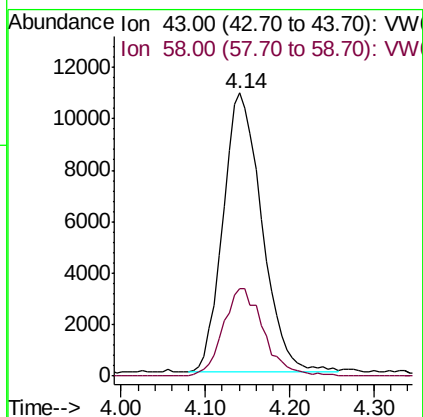
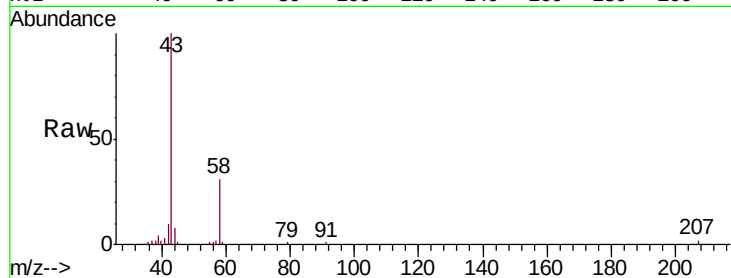
S-23-V

Tgt Ion: 43 Resp: 34333

Ion Ratio Lower Upper

43 100

58 31.5 24.7 37.1



#20

Methylene Chloride

Concen: 7.660 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW005919.D

Acq: 09 Oct 2018 03:37

Tgt Ion: 84 Resp: 16633

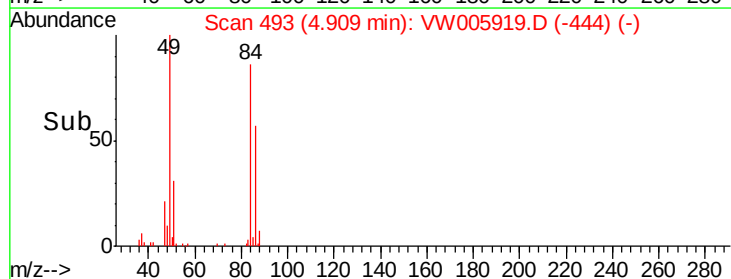
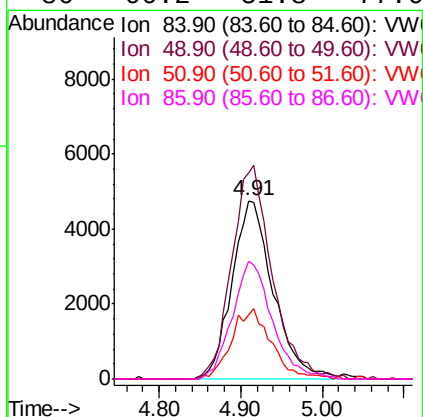
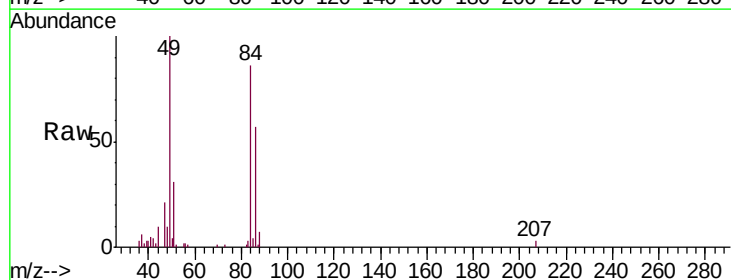
Ion Ratio Lower Upper

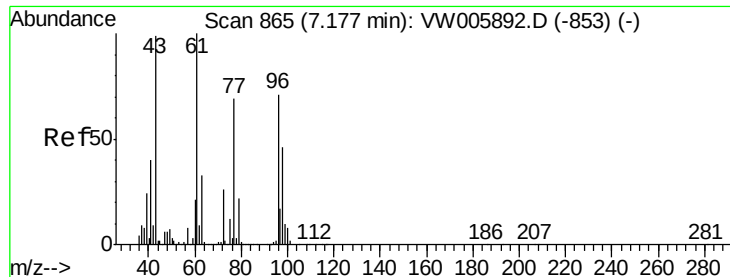
84 100

49 115.8 99.9 149.9

51 36.1 31.1 46.7

86 66.2 51.8 77.6





#25

2-Butanone

Concen: 23.321 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005919.D

Acq: 09 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

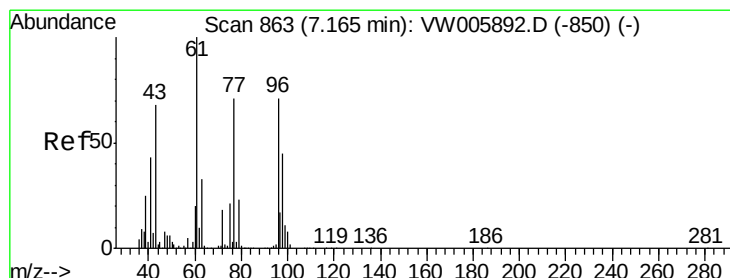
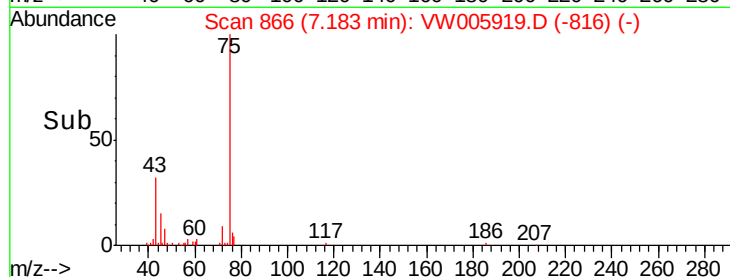
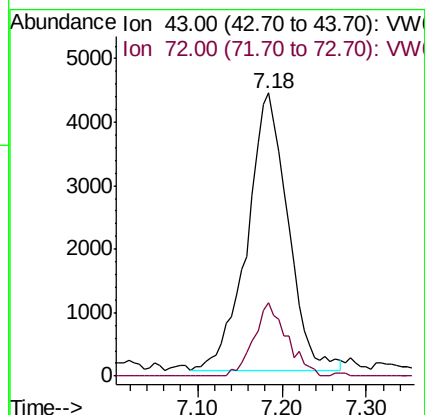
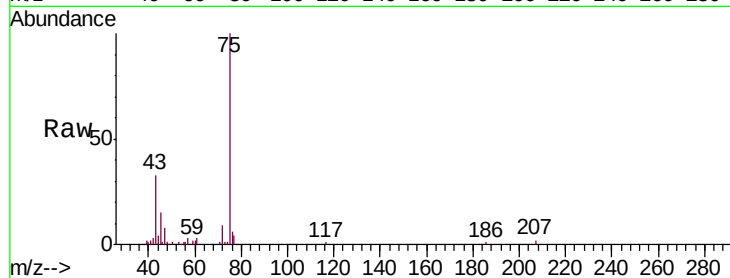
S-23-V

Tgt Ion: 43 Resp: 14375

Ion Ratio Lower Upper

43 100

72 26.5 21.0 31.4



#26

2,2-Dichloropropane

Concen: 1.725 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW005919.D

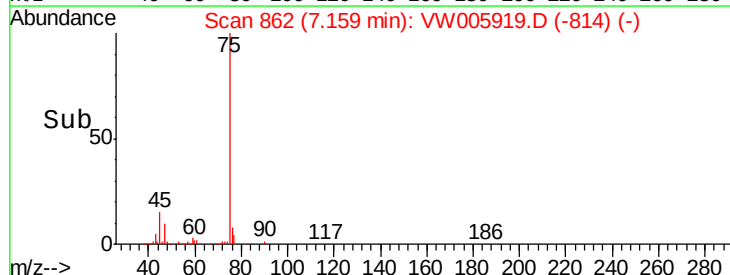
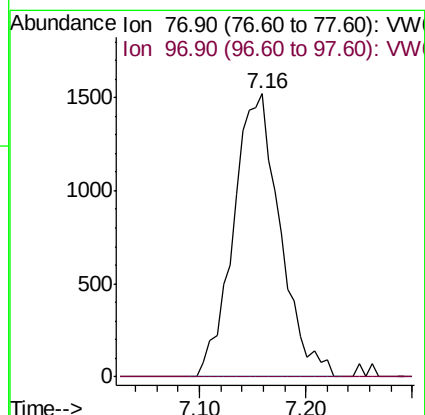
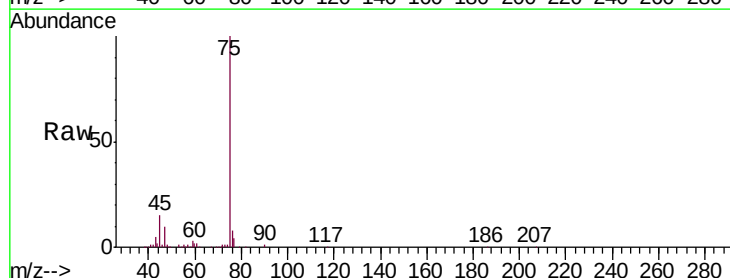
Acq: 09 Oct 2018 03:37

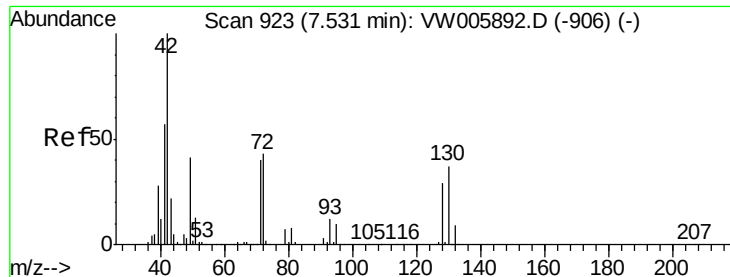
Tgt Ion: 77 Resp: 4659

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.7#





#29

Tetrahydrofuran

Concen: 1.537 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW005919.D

Acq: 09 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampled :

S-23-V

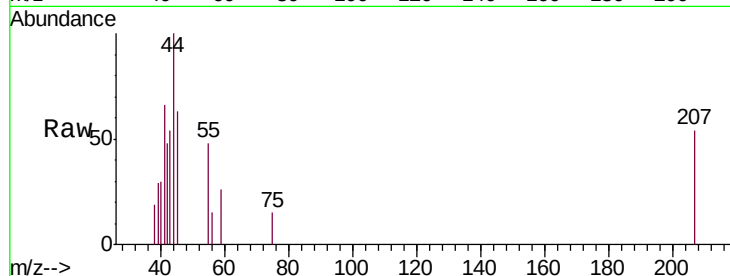
Tgt Ion: 42 Resp: 599

Ion Ratio Lower Upper

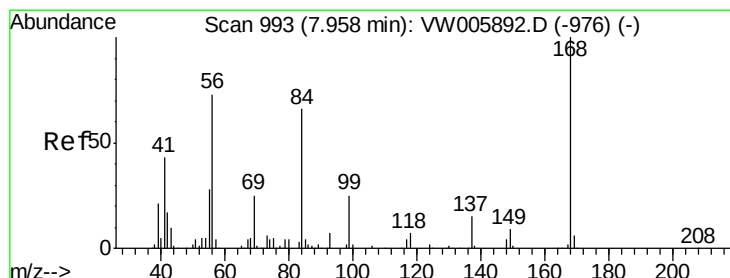
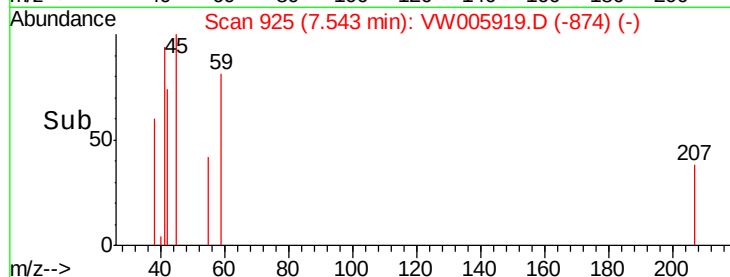
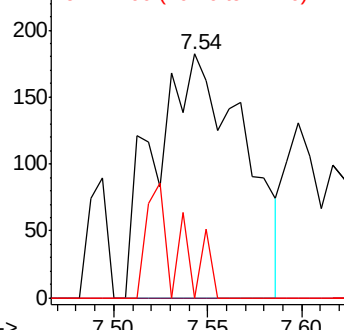
42 100

72 0.0 34.6 51.8#

71 16.5 32.6 49.0#



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: 1.234 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW005919.D

Acq: 09 Oct 2018 03:37

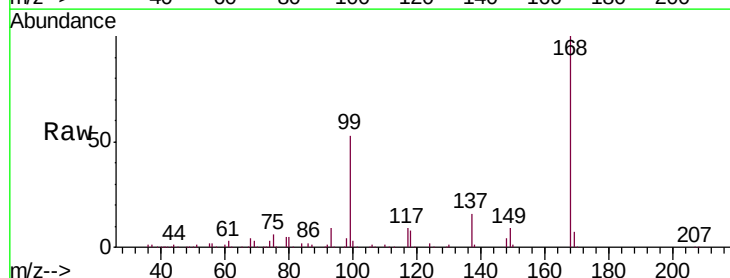
Tgt Ion: 56 Resp: 4688

Ion Ratio Lower Upper

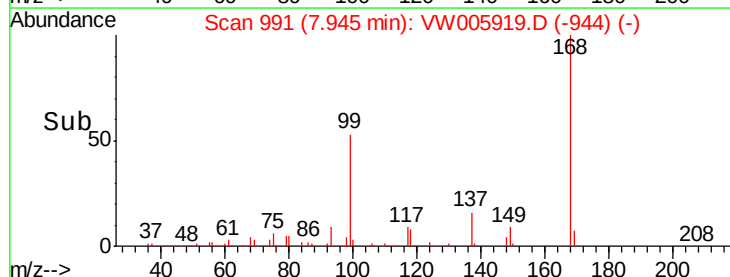
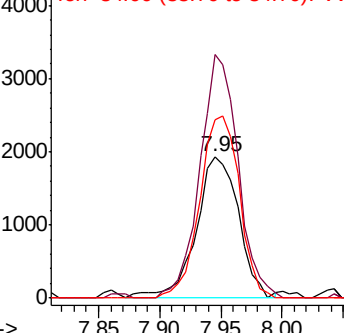
56 100

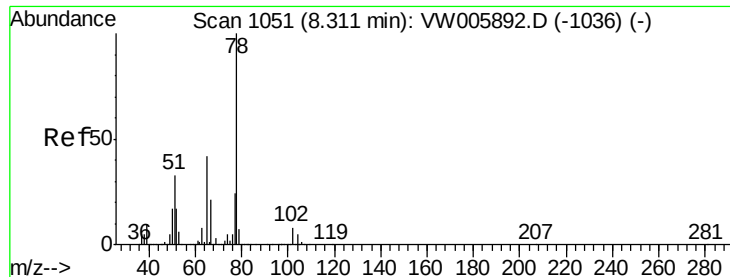
69 169.2 27.9 41.9#

84 125.8 72.3 108.5#



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

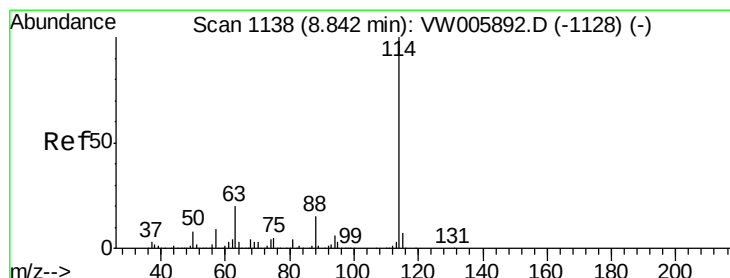
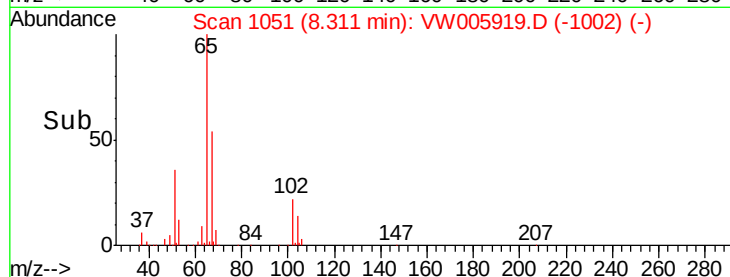
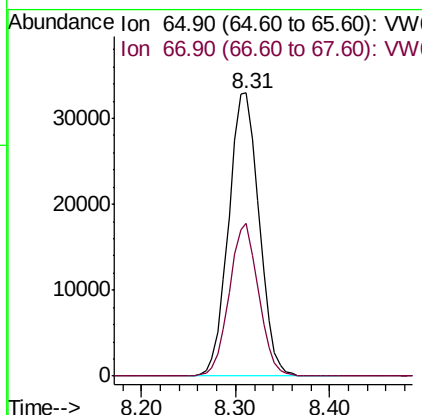
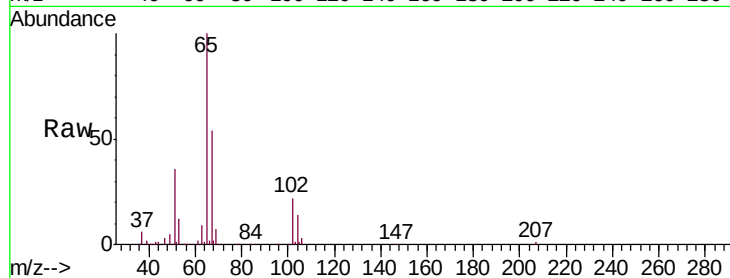




#33
 1,2-Dichloroethane-d4
 Concen: 34.216 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005919.D
 Acq: 09 Oct 2018 03:37

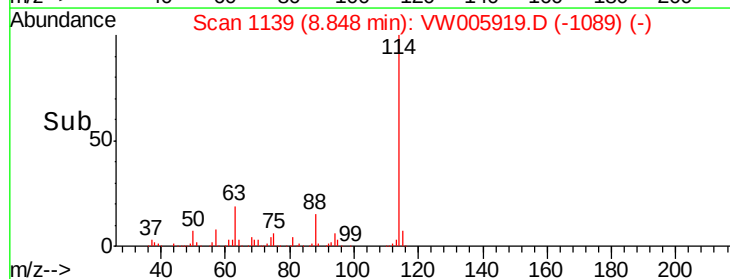
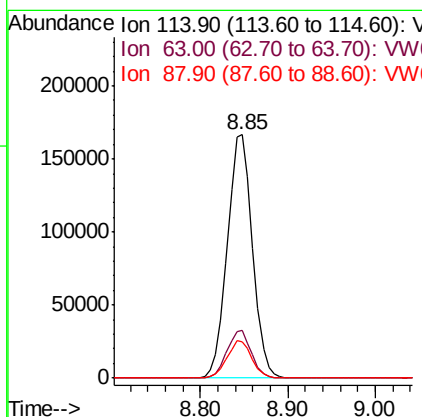
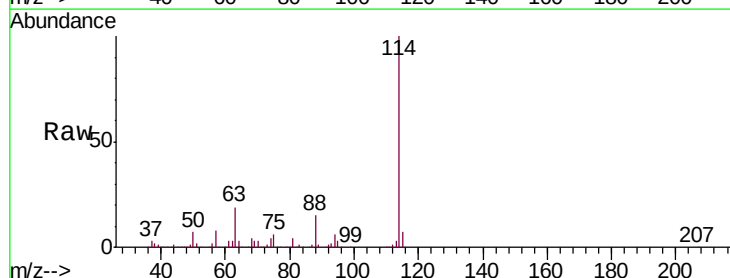
Instrument :
 MSVOA_W
 ClientSampleId :
 S-23-V

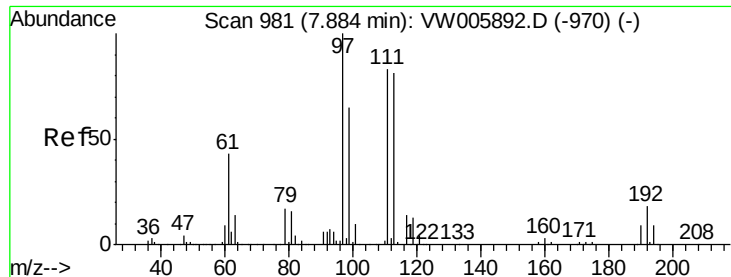
Tgt Ion: 65 Resp: 74238
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005919.D
 Acq: 09 Oct 2018 03:37

Tgt Ion: 114 Resp: 332029
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 14.8 0.0 30.8

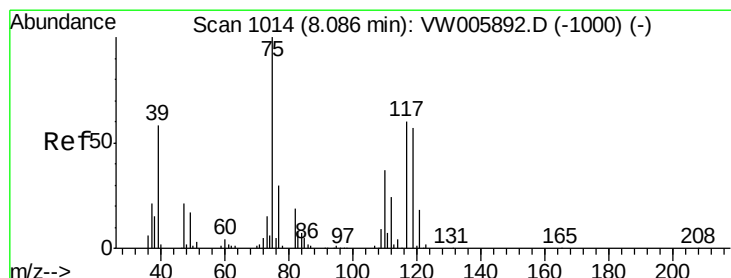
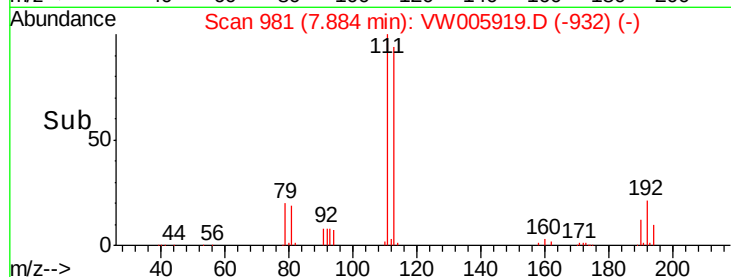
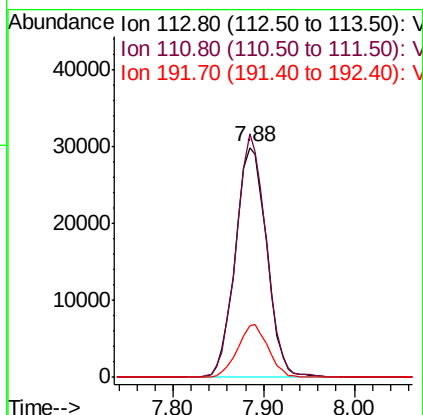
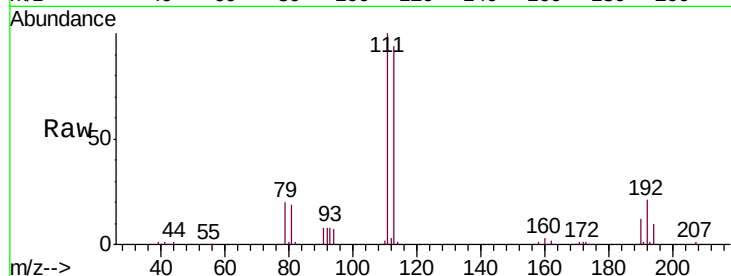




#35
 Dibromofluoromethane
 Concen: 33.962 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005919.D
 Acq: 09 Oct 2018 03:37

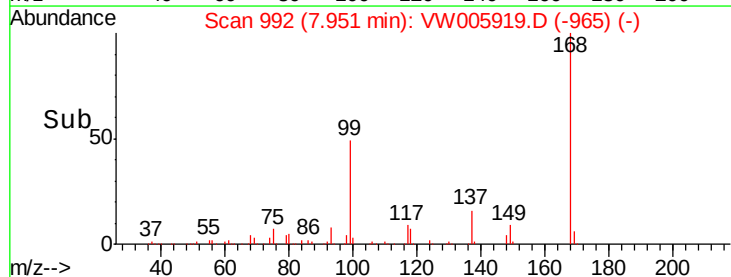
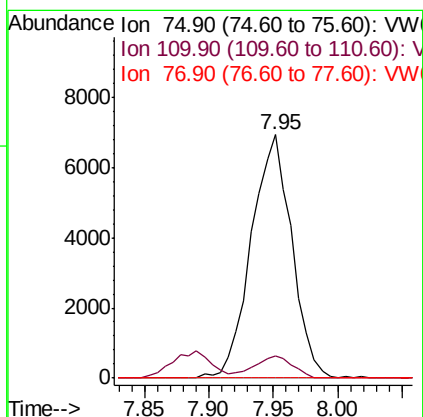
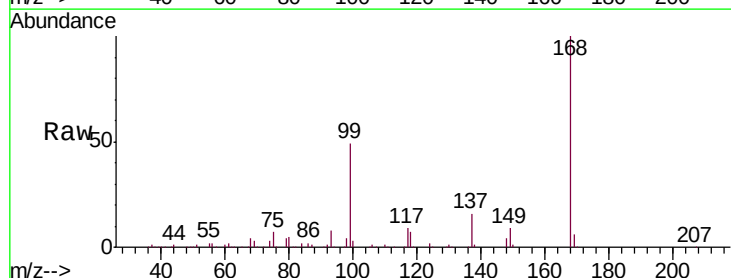
Instrument :
 MSVOA_W
 ClientSampleId :
 S-23-V

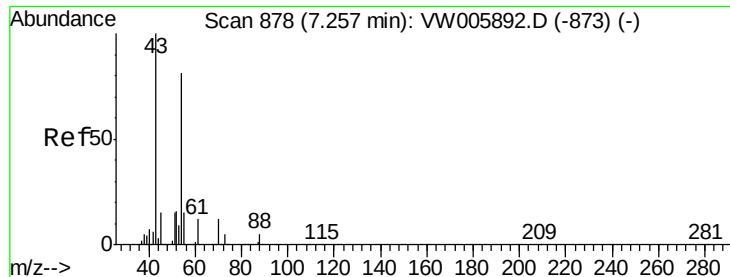
Tgt Ion: 113 Resp: 71995
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.0 123.0
 192 22.2 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 4.736 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005919.D
 Acq: 09 Oct 2018 03:37

Tgt Ion: 75 Resp: 15067
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.6 56.0#
 77 0.0 24.7 37.1#

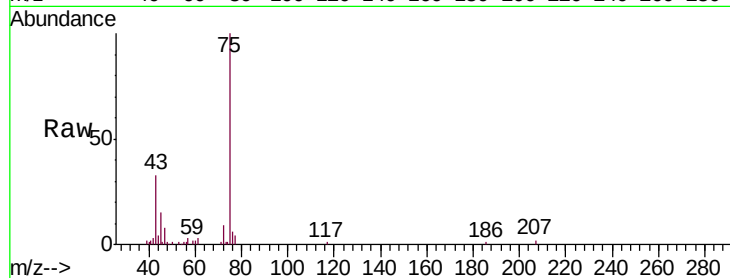




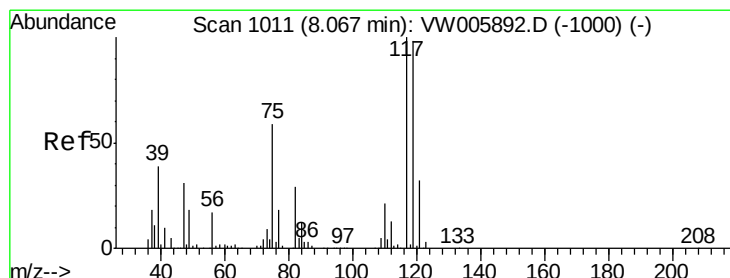
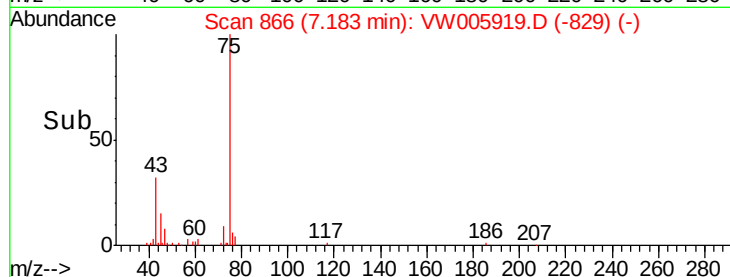
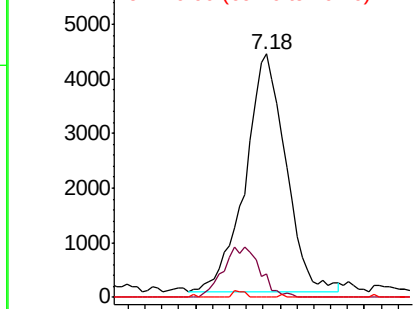
#37
Ethyl Acetate
Concen: 10.670 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.07 min
Lab File: VW005919.D
Acq: 09 Oct 2018 03:37

Instrument :
MSVOA_W
ClientSampleId :
S-23-V

Tgt Ion: 43 Resp: 14375
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.2 8.6 13.0#

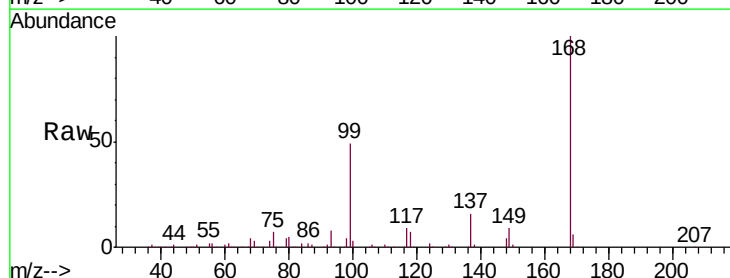


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

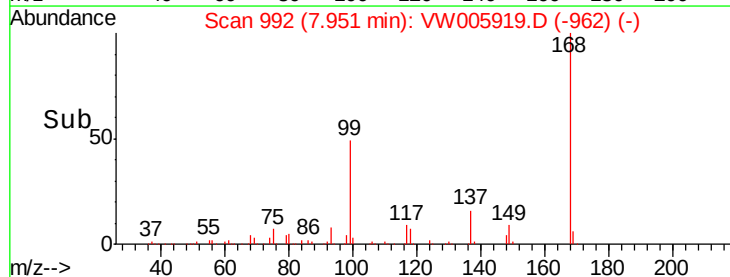
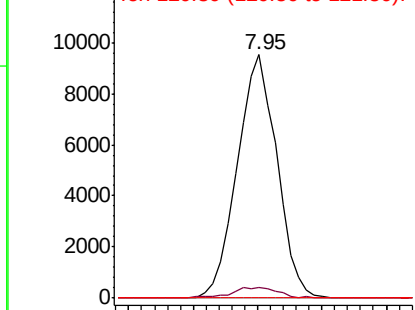


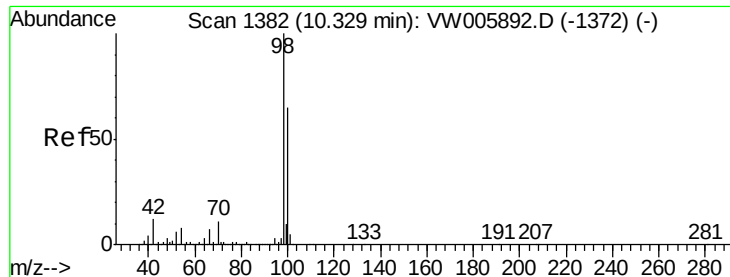
#38
Carbon Tetrachloride
Concen: 5.930 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005919.D
Acq: 09 Oct 2018 03:37

Tgt Ion: 117 Resp: 20270
Ion Ratio Lower Upper
117 100
119 4.5 78.6 117.8#
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: 29.777 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005919.D

Acq: 09 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampled :

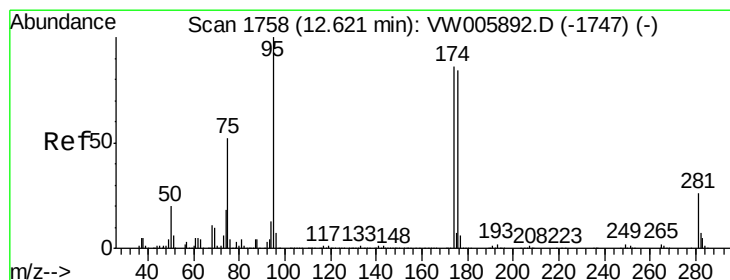
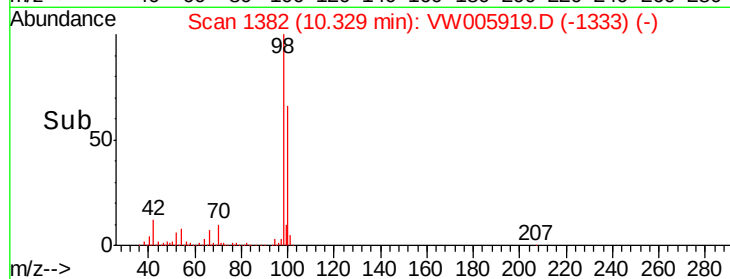
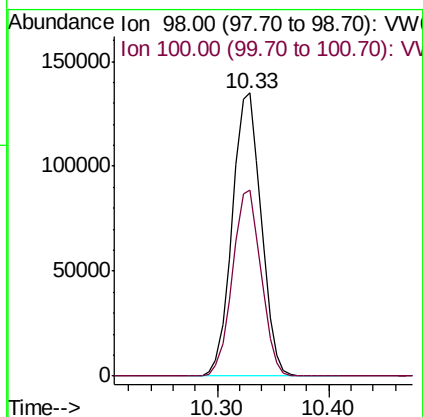
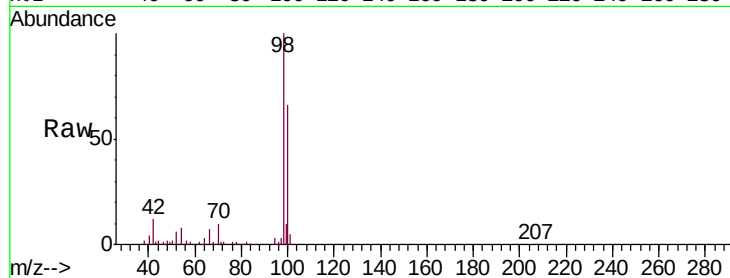
S-23-V

Tgt Ion: 98 Resp: 242865

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 28.464 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005919.D

Acq: 09 Oct 2018 03:37

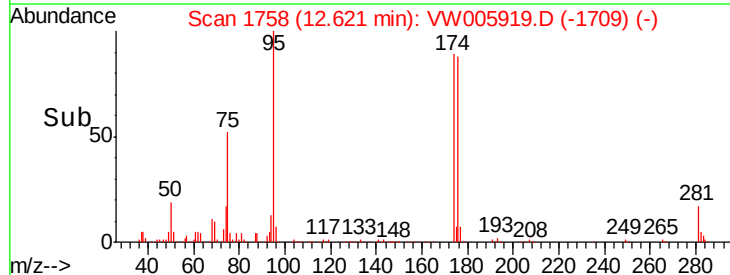
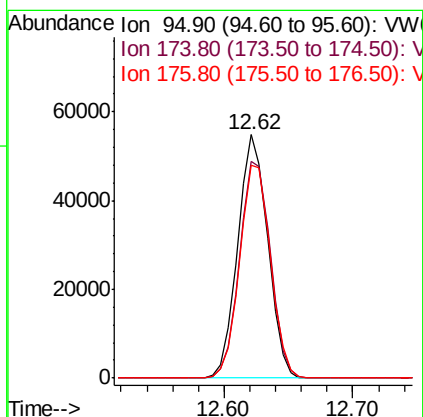
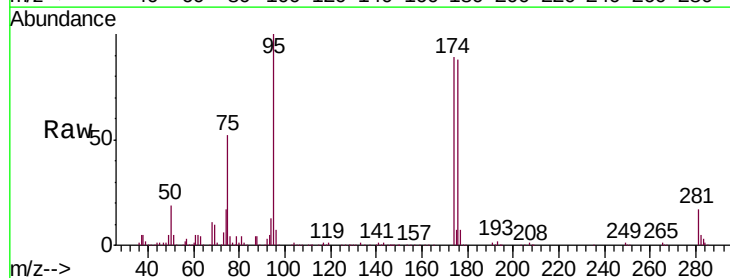
Tgt Ion: 95 Resp: 88326

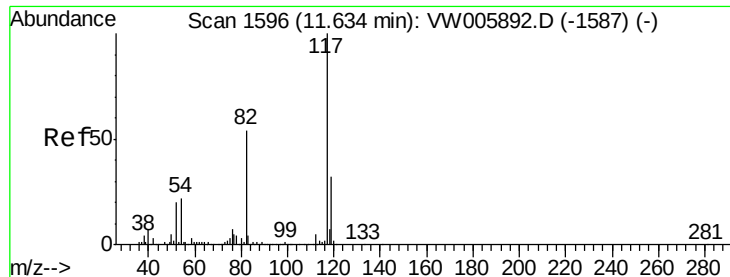
Ion Ratio Lower Upper

95 100

174 91.5 0.0 176.4

176 90.0 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW005919.D

Acq: 09 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

S-23-V

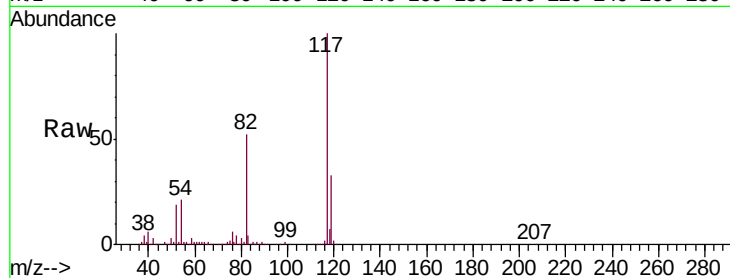
Tgt Ion:117 Resp: 286891

Ion Ratio Lower Upper

117 100

82 52.4 43.5 65.3

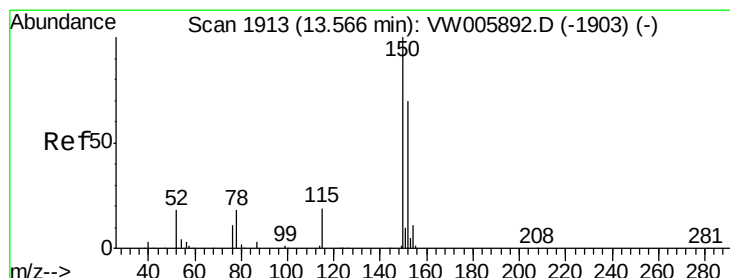
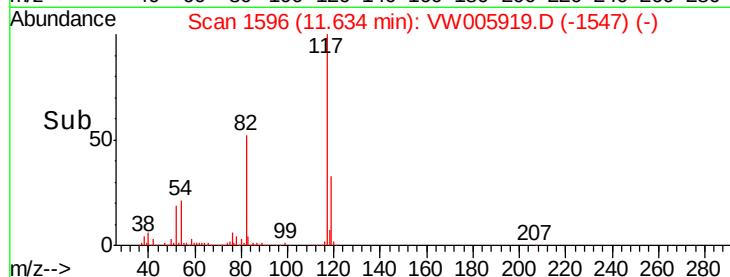
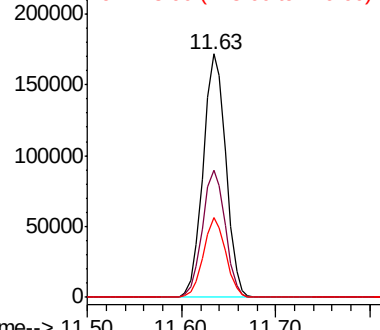
119 32.6 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

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: VW005919.D

Acq: 09 Oct 2018 03:37

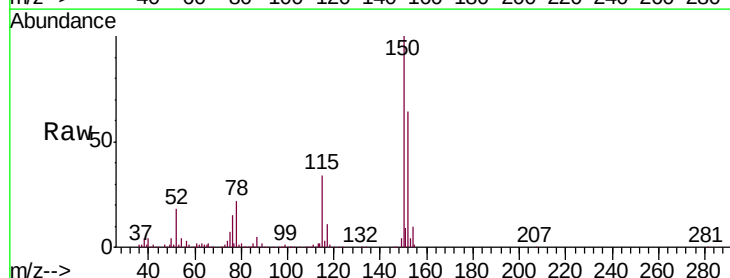
Tgt Ion:152 Resp: 131404

Ion Ratio Lower Upper

152 100

115 55.1 28.3 85.0

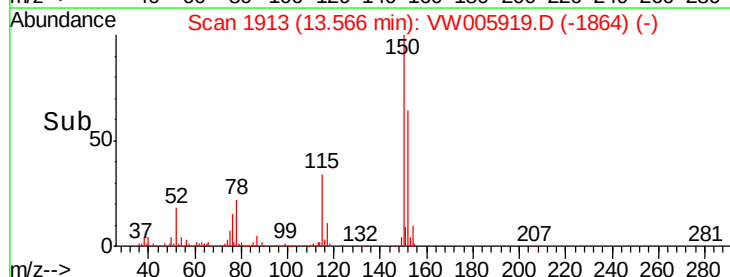
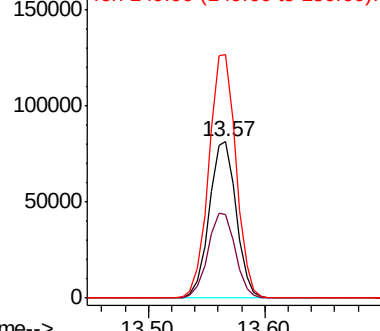
150 157.1 0.0 349.2

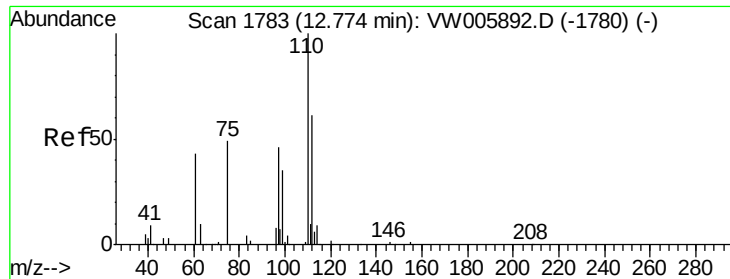


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 38.233 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005919.D

Acq: 09 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

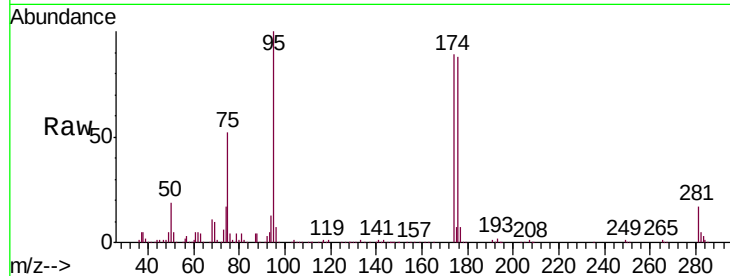
S-23-V

Tgt Ion: 75 Resp: 44878

Ion Ratio Lower Upper

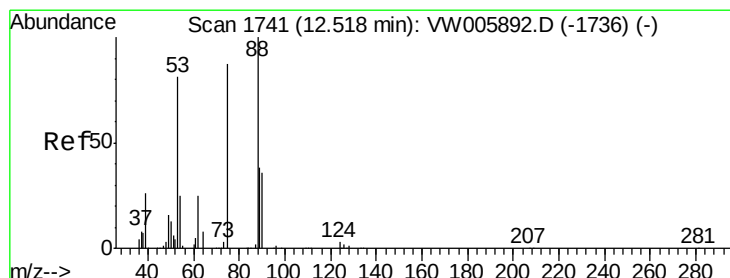
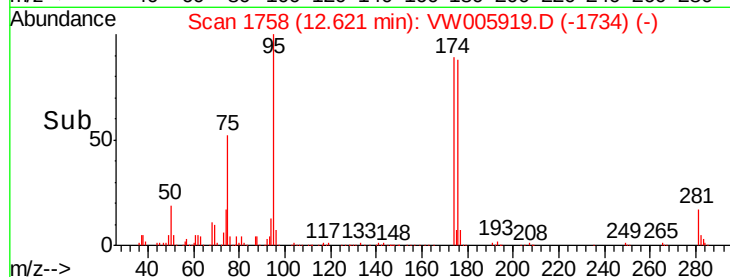
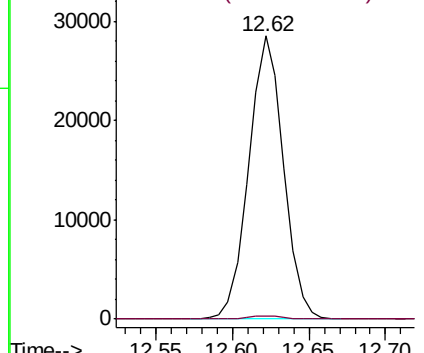
75 100

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: 80.714 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005919.D

Acq: 09 Oct 2018 03:37

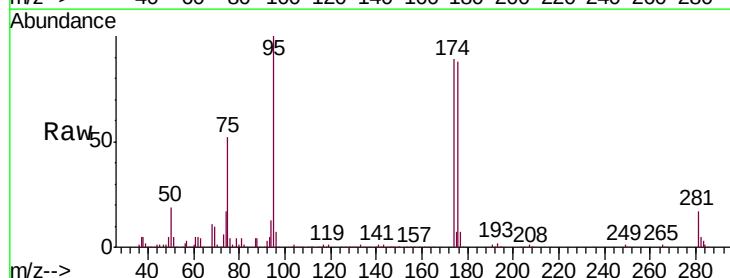
Tgt Ion: 75 Resp: 44878

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.1 37.6 56.4#



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

