

Data File : VW005895.D
Acq On : 08 Oct 2018 14:58
Operator : SY/AP
Sample : VW1008SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBL01

Quant Time: Oct 09 06:06:31 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	319839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	462186	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	422377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	224515	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	143565	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
35) Dibromofluoromethane	7.88	113	144936	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	10.32	98	570397	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.62	95	206926	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	

Target Compounds

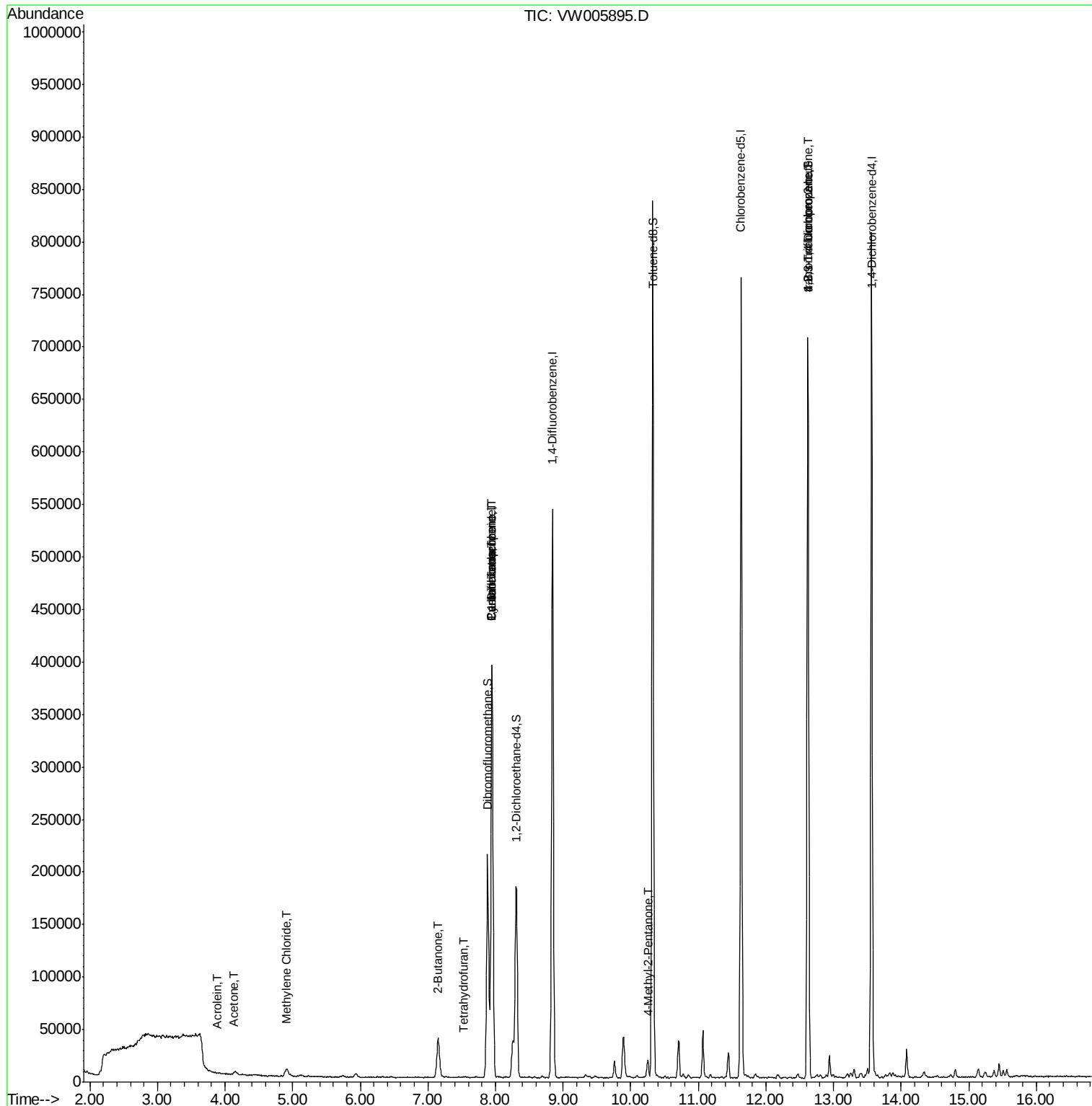
						Qvalue
13) Acrolein	3.89	56	253	1.248	ug/l #	59
16) Acetone	4.14	43	6687	10.782	ug/l #	87
20) Methylene Chloride	4.91	84	6224	2.003	ug/l	92
25) 2-Butanone	7.15	43	2326	2.637	ug/l #	77
29) Tetrahydrofuran	7.53	42	794	1.424	ug/l #	34
31) Cyclohexane	7.95	56	6343	1.167	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	21345	4.820	ug/l #	49
38) Carbon Tetrachloride	7.95	117	28714	6.035	ug/l #	15
51) 4-Methyl-2-Pentanone	10.26	43	2146	1.125	ug/l	92
76) 1,2,3-Trichloropropane	12.62	75	106661	53.183	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	106661	112.276	ug/l #	11

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

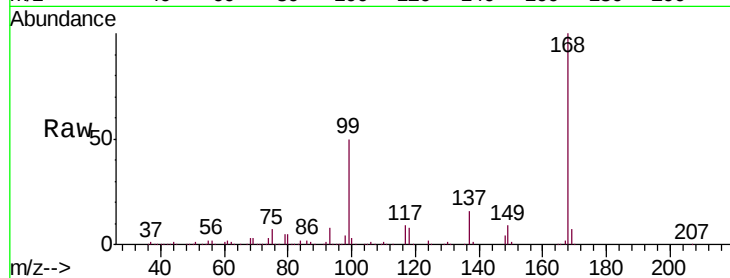
VW1008SBL01

Tgt Ion:168 Resp: 319839

Ion Ratio Lower Upper

168 100

99 49.5 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

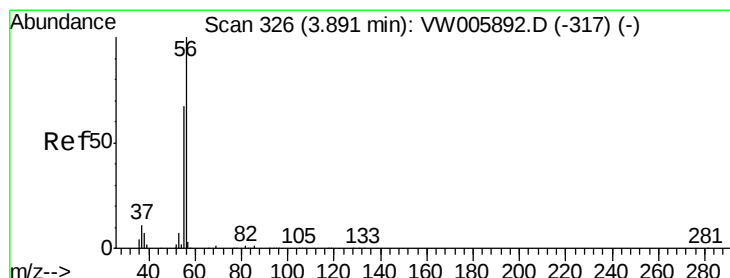
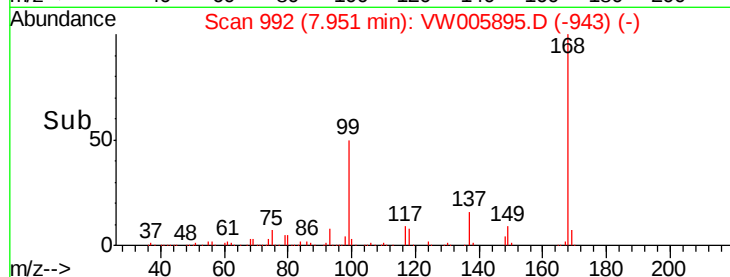
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 1.248 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW005895.D

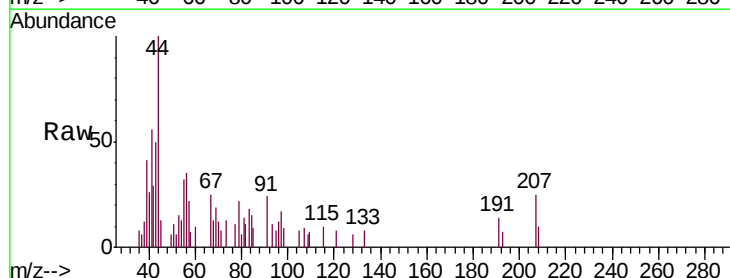
Acq: 08 Oct 2018 14:58

Tgt Ion: 56 Resp: 253

Ion Ratio Lower Upper

56 100

55 35.2 54.6 82.0#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

600

500

400

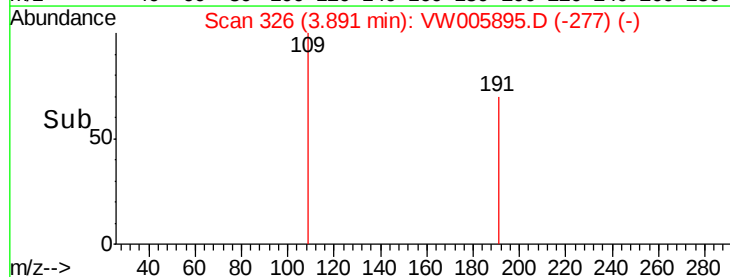
300

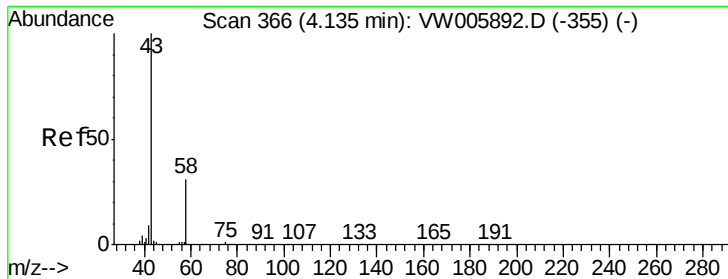
200

100

0

Time-->





#16

Acetone

Concen: 10.782 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005895.D

Acq: 08 Oct 2018 14:58

Instrument :

MSVOA_W

ClientSampleId :

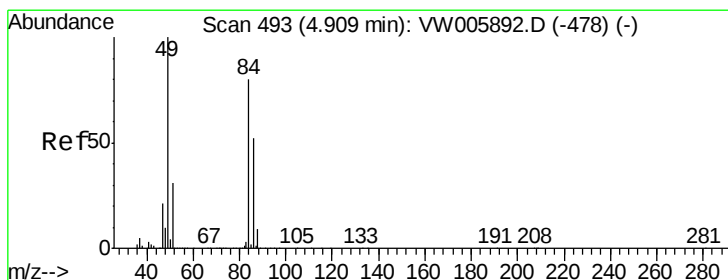
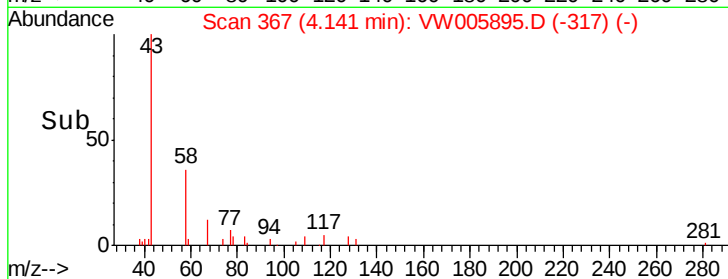
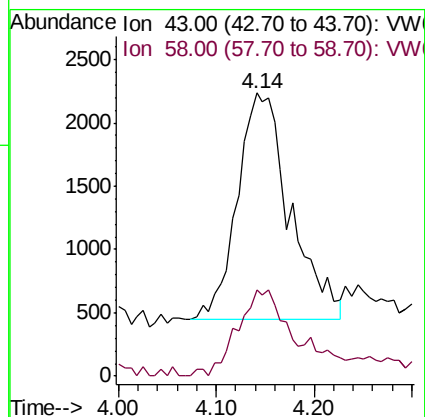
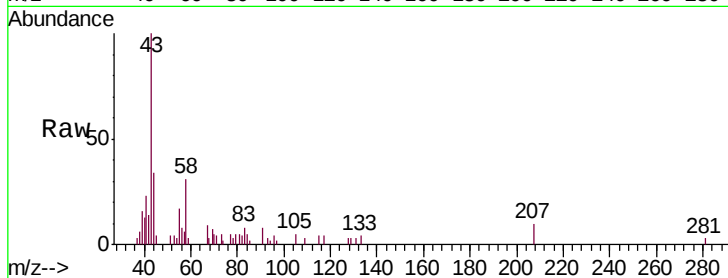
VW1008SBL01

Tgt Ion: 43 Resp: 6687

Ion Ratio Lower Upper

43 100

58 38.2 24.7 37.1#



#20

Methylene Chloride

Concen: 2.003 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW005895.D

Acq: 08 Oct 2018 14:58

Tgt Ion: 84 Resp: 6224

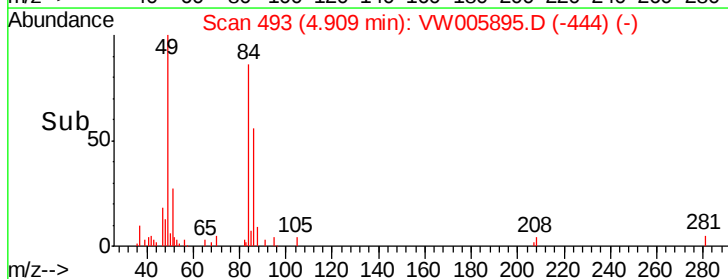
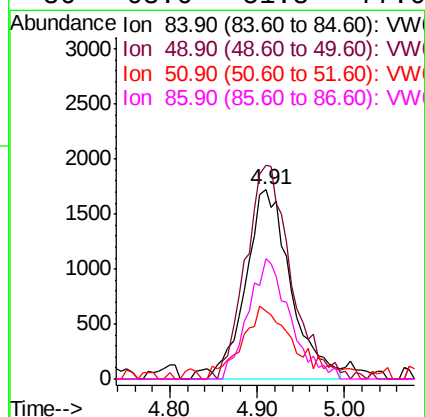
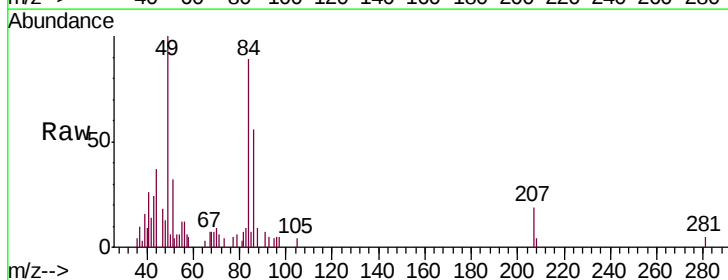
Ion Ratio Lower Upper

84 100

49 113.0 99.9 149.9

51 31.1 31.1 46.7

86 63.6 51.8 77.6





#25

2-Butanone

Concen: 2.637 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW005895.D

Acq: 08 Oct 2018 14:58

Instrument :

MSVOA_W

ClientSampleId :

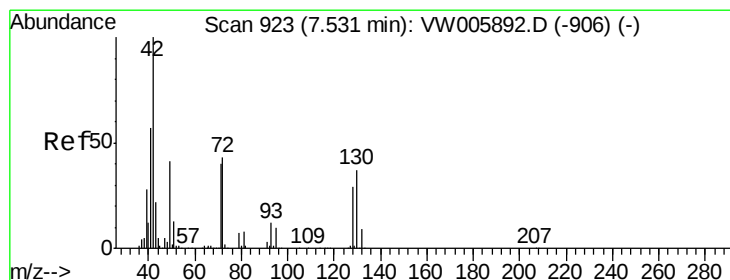
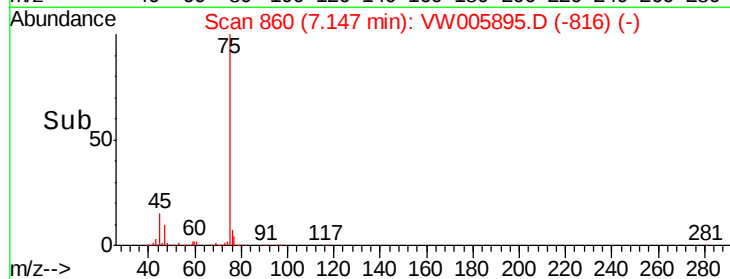
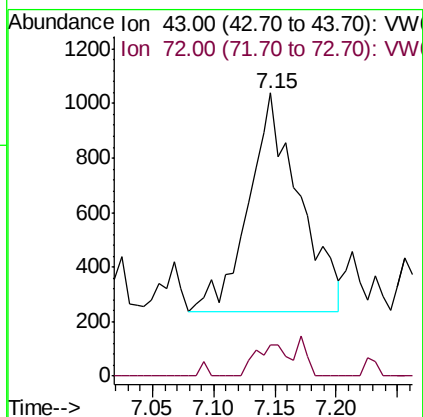
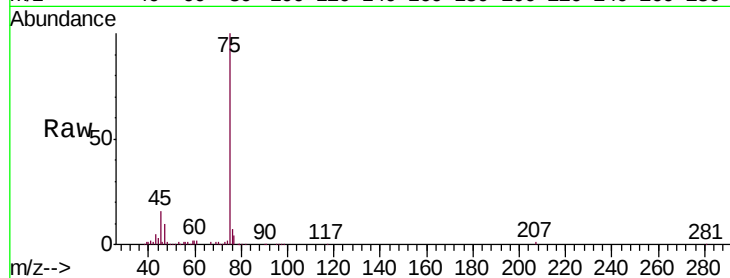
VW1008SBL01

Tgt Ion: 43 Resp: 2326

Ion Ratio Lower Upper

43 100

72 14.2 21.0 31.4#



#29

Tetrahydrofuran

Concen: 1.424 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW005895.D

Acq: 08 Oct 2018 14:58

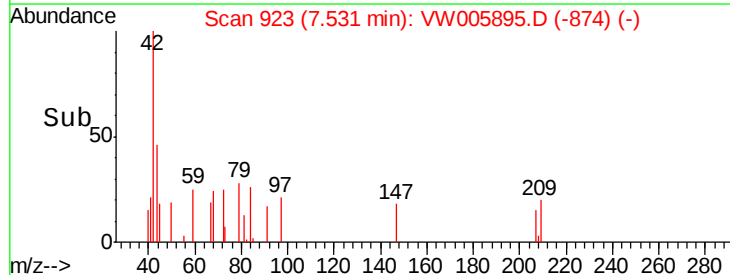
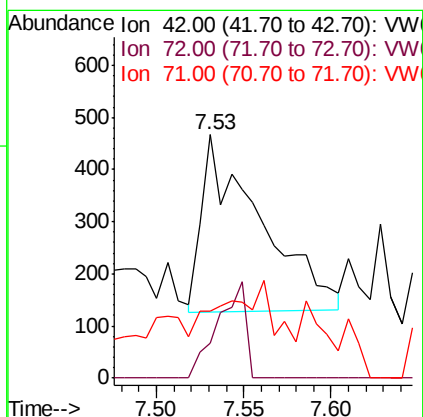
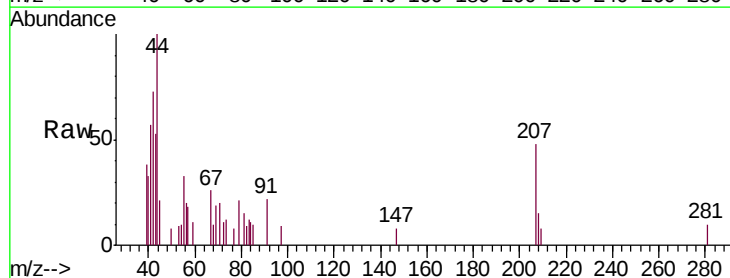
Tgt Ion: 42 Resp: 794

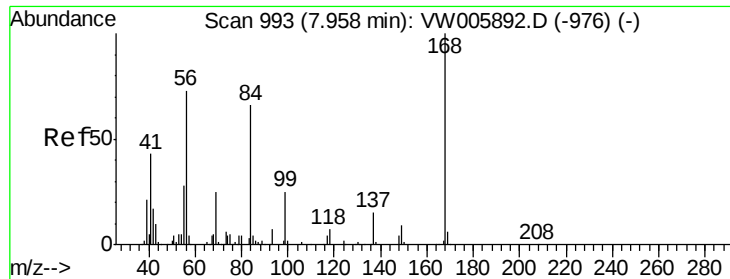
Ion Ratio Lower Upper

42 100

72 0.0 34.6 51.8#

71 0.0 32.6 49.0#

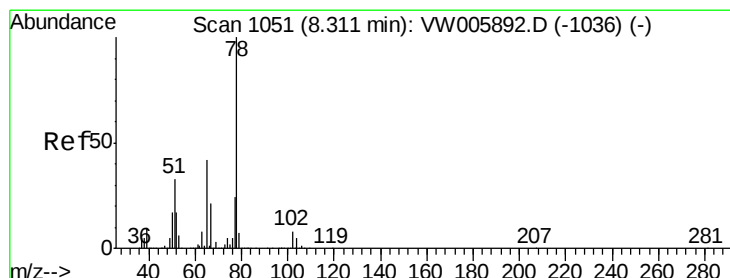
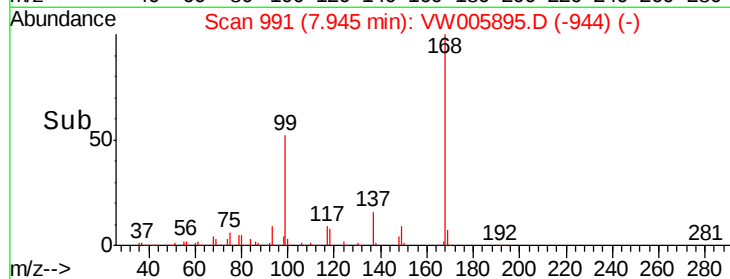
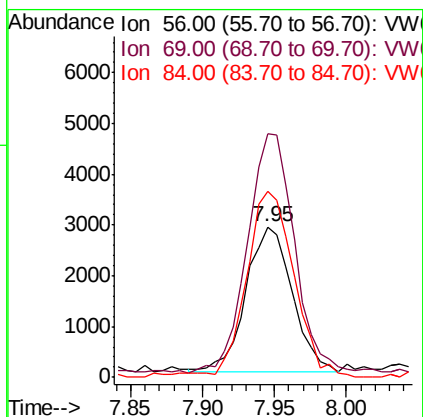
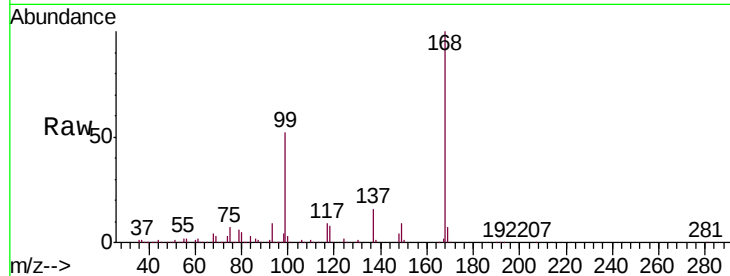




#31
Cyclohexane
Concen: 1.167 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW005895.D
Acq: 08 Oct 2018 14:58

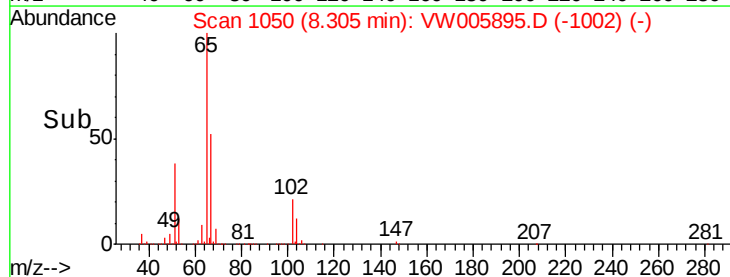
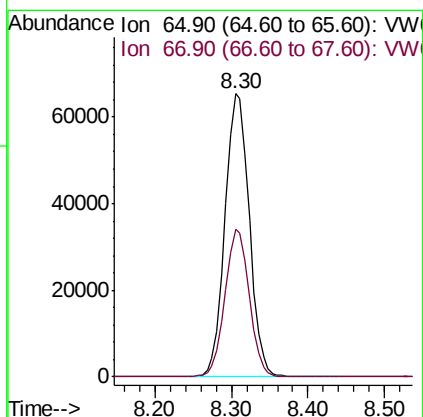
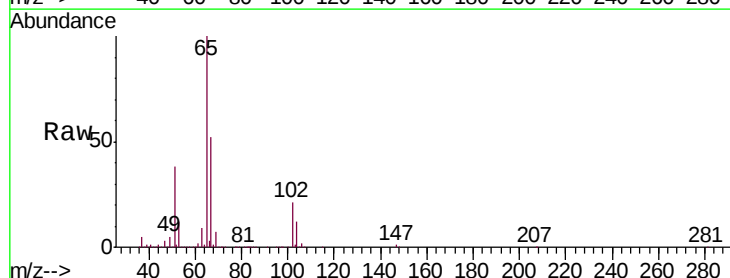
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBL01

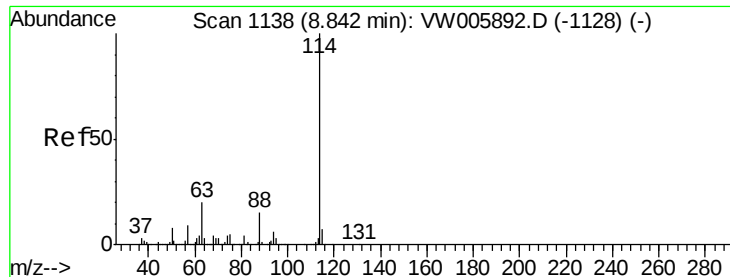
Tgt Ion: 56 Resp: 6343
Ion Ratio Lower Upper
56 100
69 165.2 27.9 41.9#
84 125.5 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 46.238 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW005895.D
Acq: 08 Oct 2018 14:58

Tgt Ion: 65 Resp: 143565
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.6

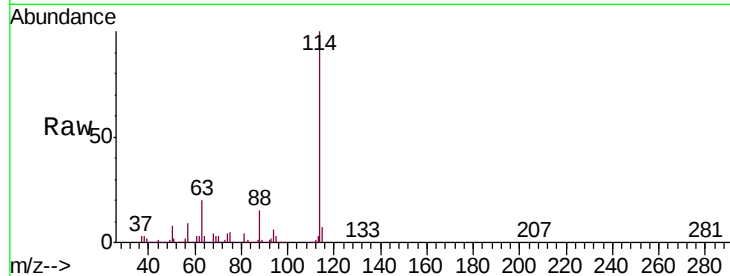




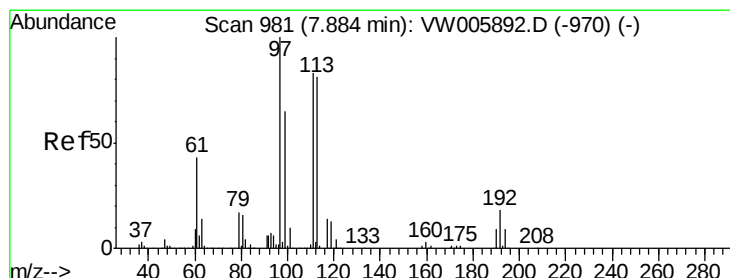
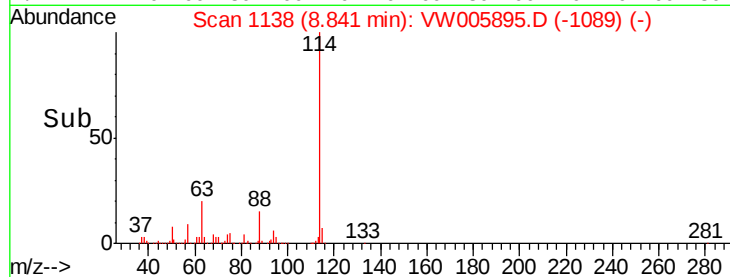
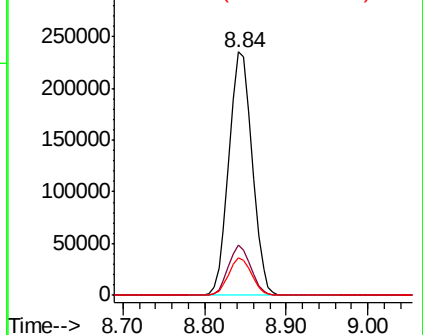
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW005895.D
 Acq: 08 Oct 2018 14:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBL01

Tgt Ion:114 Resp: 462186
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.2
 88 15.3 0.0 30.8

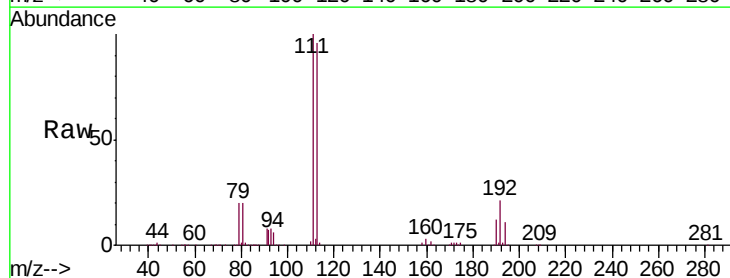


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

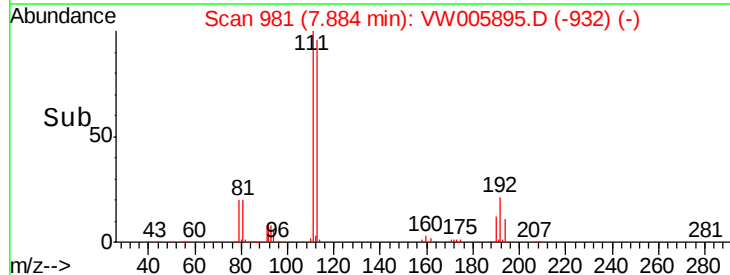
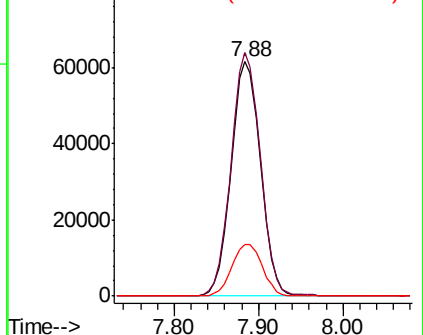


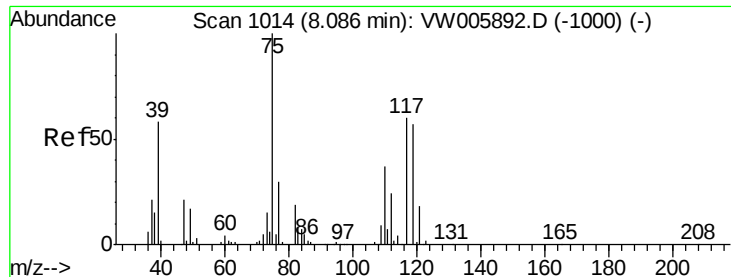
#35
 Dibromofluoromethane
 Concen: 49.117 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005895.D
 Acq: 08 Oct 2018 14:58

Tgt Ion:113 Resp: 144936
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.0 123.0
 192 23.0 18.3 27.5



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

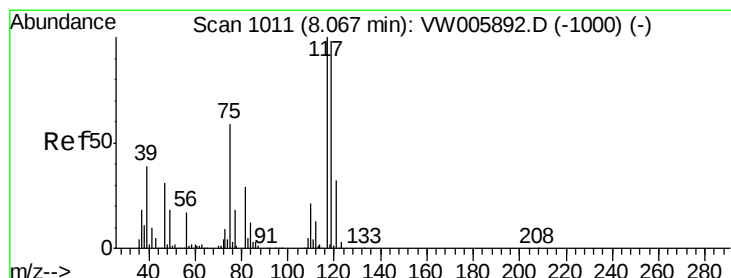
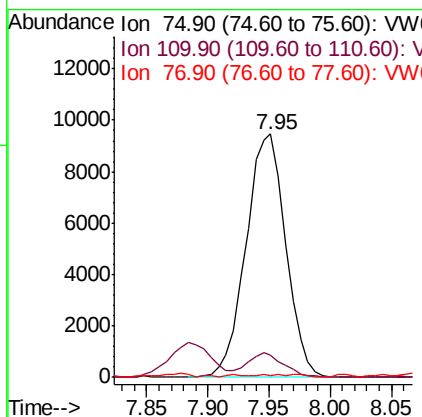
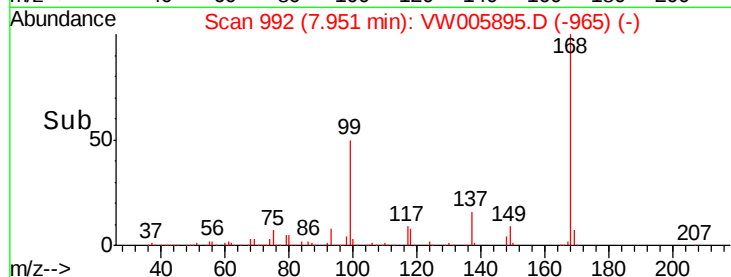
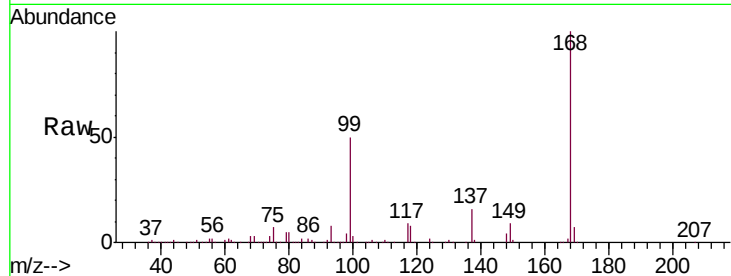




#36
 1,1-Dichloropropene
 Concen: 4.820 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005895.D
 Acq: 08 Oct 2018 14:58

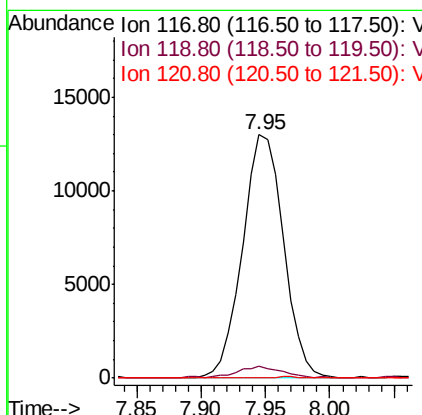
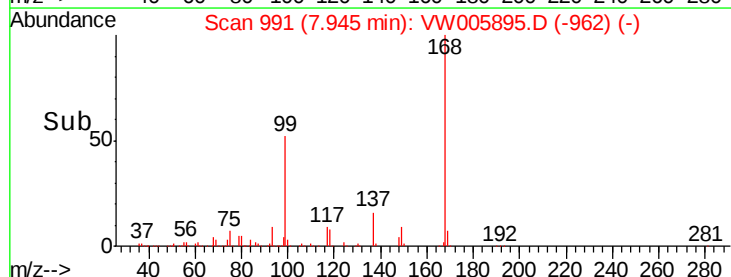
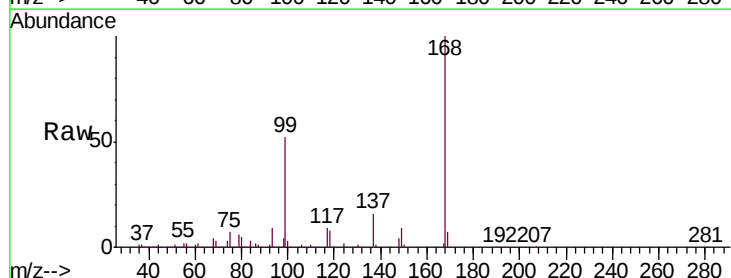
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBL01

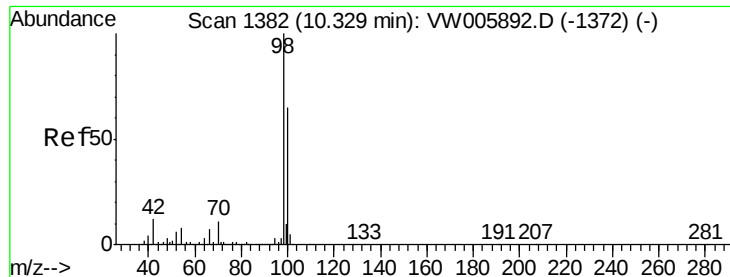
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.6	56.0#
77	0.2	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.035 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW005895.D
 Acq: 08 Oct 2018 14:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	78.6	117.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 50.241 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW005895.D

Acq: 08 Oct 2018 14:58

Instrument :

MSVOA_W

ClientSampleId :

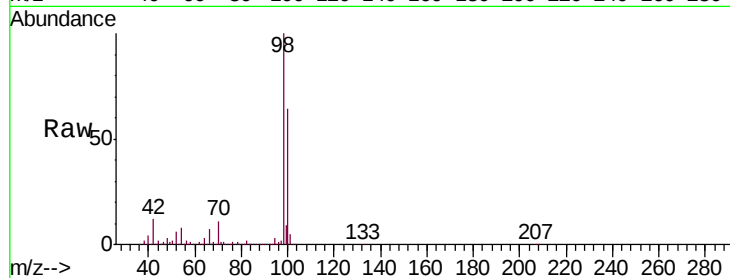
VW1008SBL01

Tgt Ion: 98 Resp: 570397

Ion Ratio Lower Upper

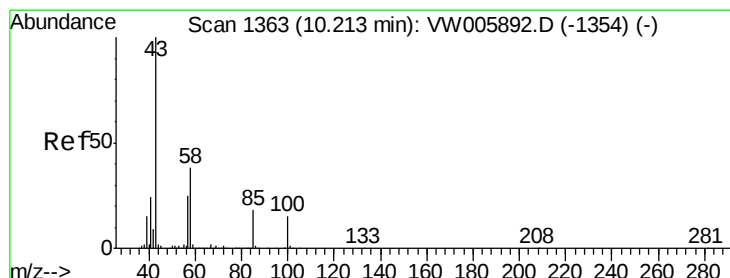
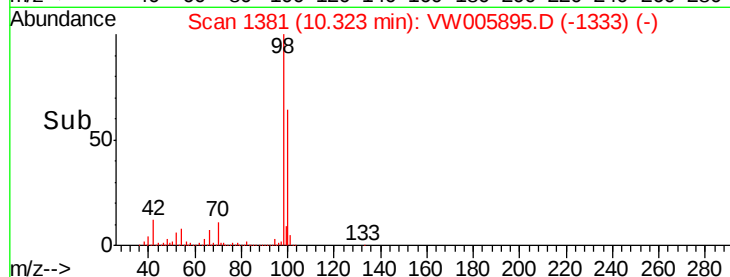
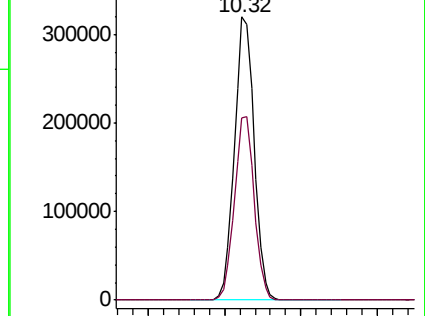
98 100

100 64.9 51.9 77.9



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: 1.125 ug/l

RT: 10.26 min Scan# 1370

Delta R.T. 0.04 min

Lab File: VW005895.D

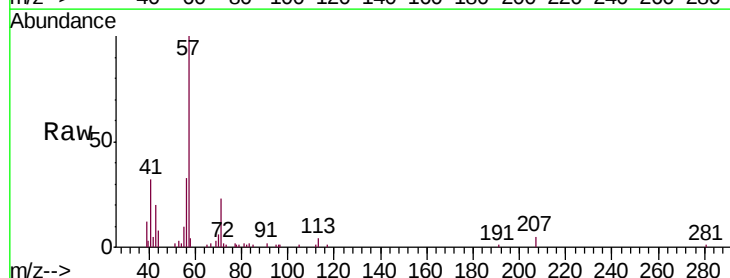
Acq: 08 Oct 2018 14:58

Tgt Ion: 43 Resp: 2146

Ion Ratio Lower Upper

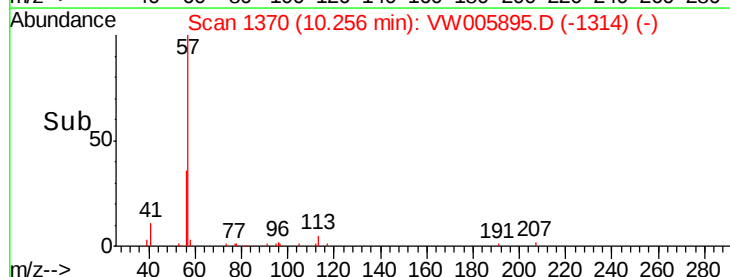
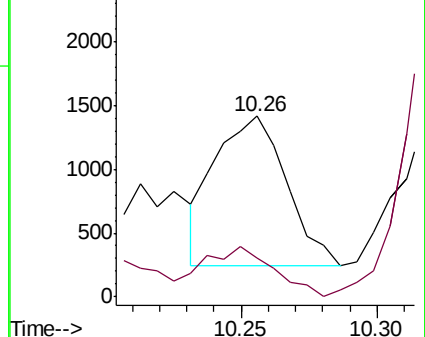
43 100

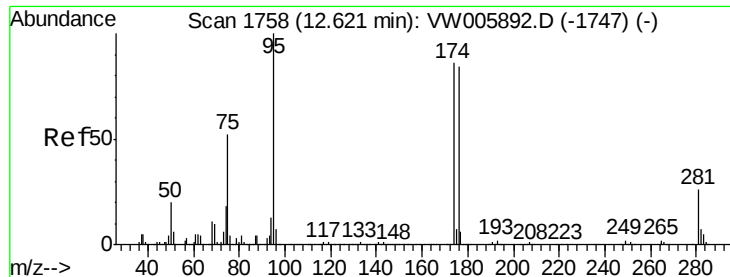
58 33.1 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#62

4-Bromofluorobenzene

Concen: 47.905 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005895.D

Acq: 08 Oct 2018 14:58

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBL01

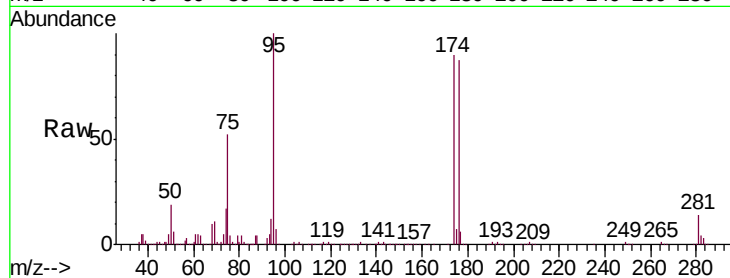
Tgt Ion: 95 Resp: 206926

Ion Ratio Lower Upper

95 100

174 91.7 0.0 176.4

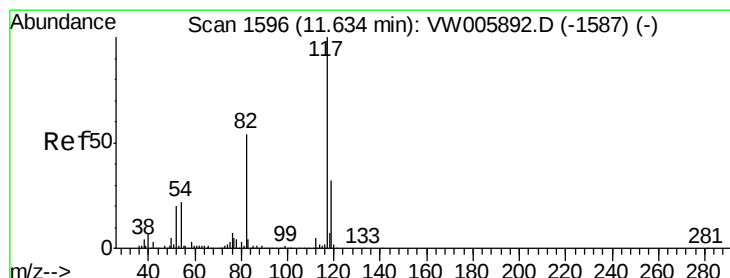
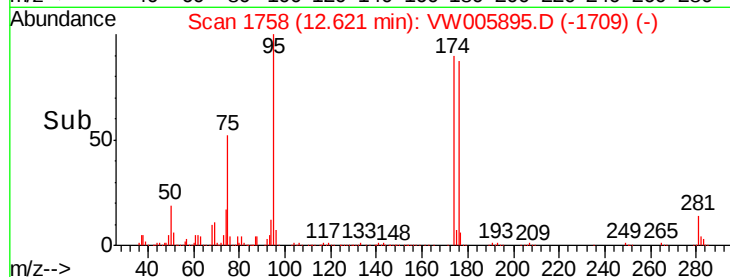
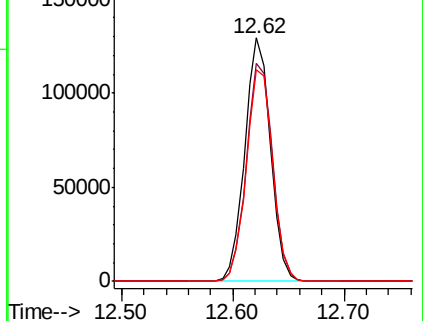
176 89.1 0.0 173.0



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: VW005895.D

Acq: 08 Oct 2018 14:58

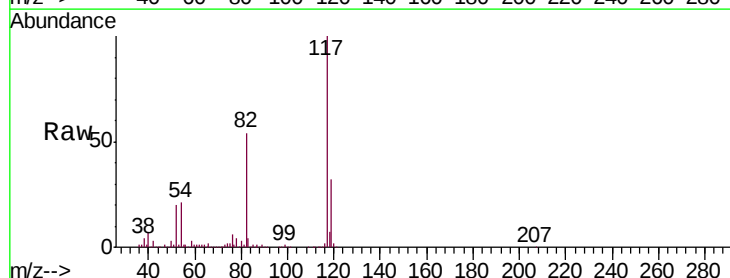
Tgt Ion: 117 Resp: 422377

Ion Ratio Lower Upper

117 100

82 54.1 43.5 65.3

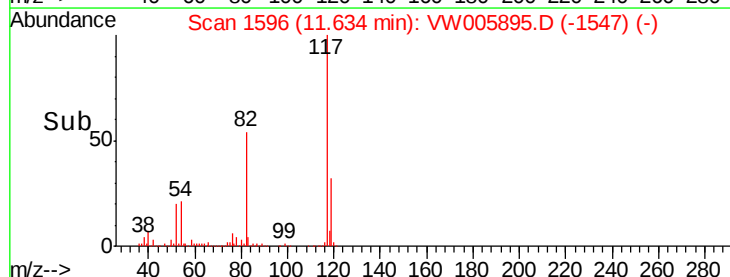
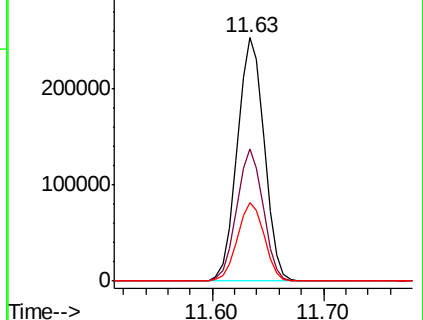
119 32.5 25.4 38.2

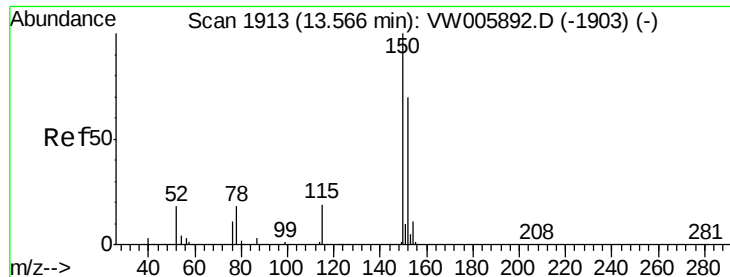


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



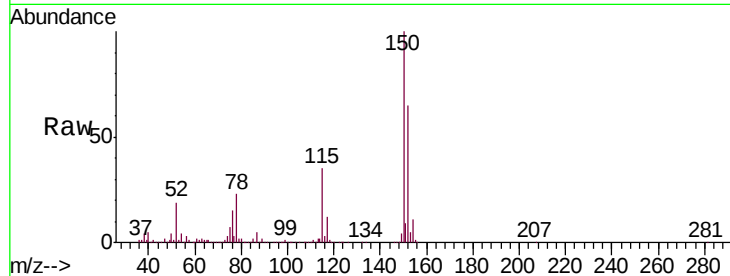


#72

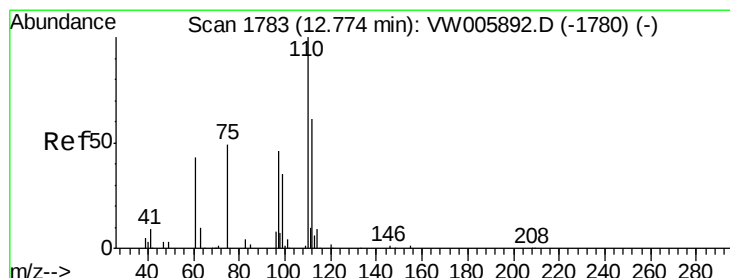
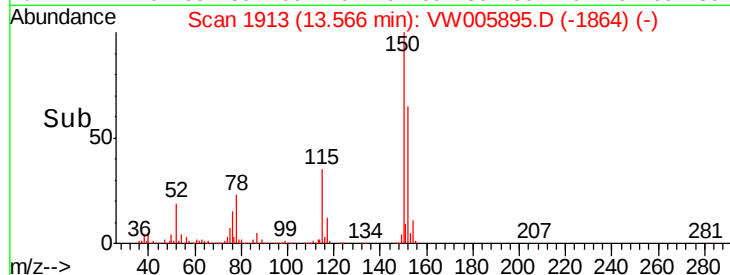
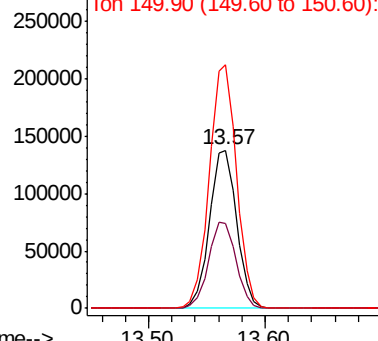
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005895.D
Acq: 08 Oct 2018 14:58

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBL01

Tgt Ion: 152 Resp: 224515
Ion Ratio Lower Upper
152 100
115 55.0 28.3 85.0
150 154.0 0.0 349.2



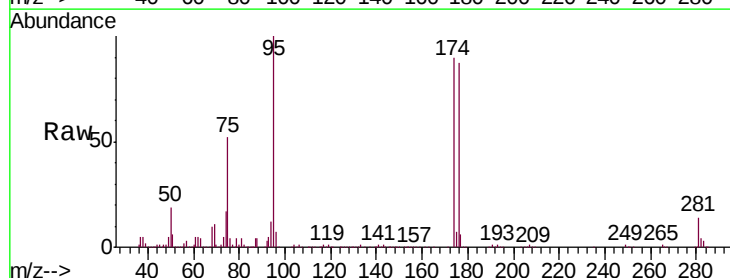
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane
Concen: 53.183 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005895.D
Acq: 08 Oct 2018 14:58

Tgt Ion: 75 Resp: 106661
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW

