

Data File : VW005923.D
Acq On : 09 Oct 2018 05:20
Operator : SY/AP
Sample : J5306-07
Misc : 5.73G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-18-V

Quant Time: Oct 09 08:15:56 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	246394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	380769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	149602	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	80087	33.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.96%	
35) Dibromofluoromethane	7.89	113	82011	33.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.46%	
50) Toluene-d8	10.33	98	271180	28.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.98%	
62) 4-Bromofluorobenzene	12.62	95	98241	27.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.22%	

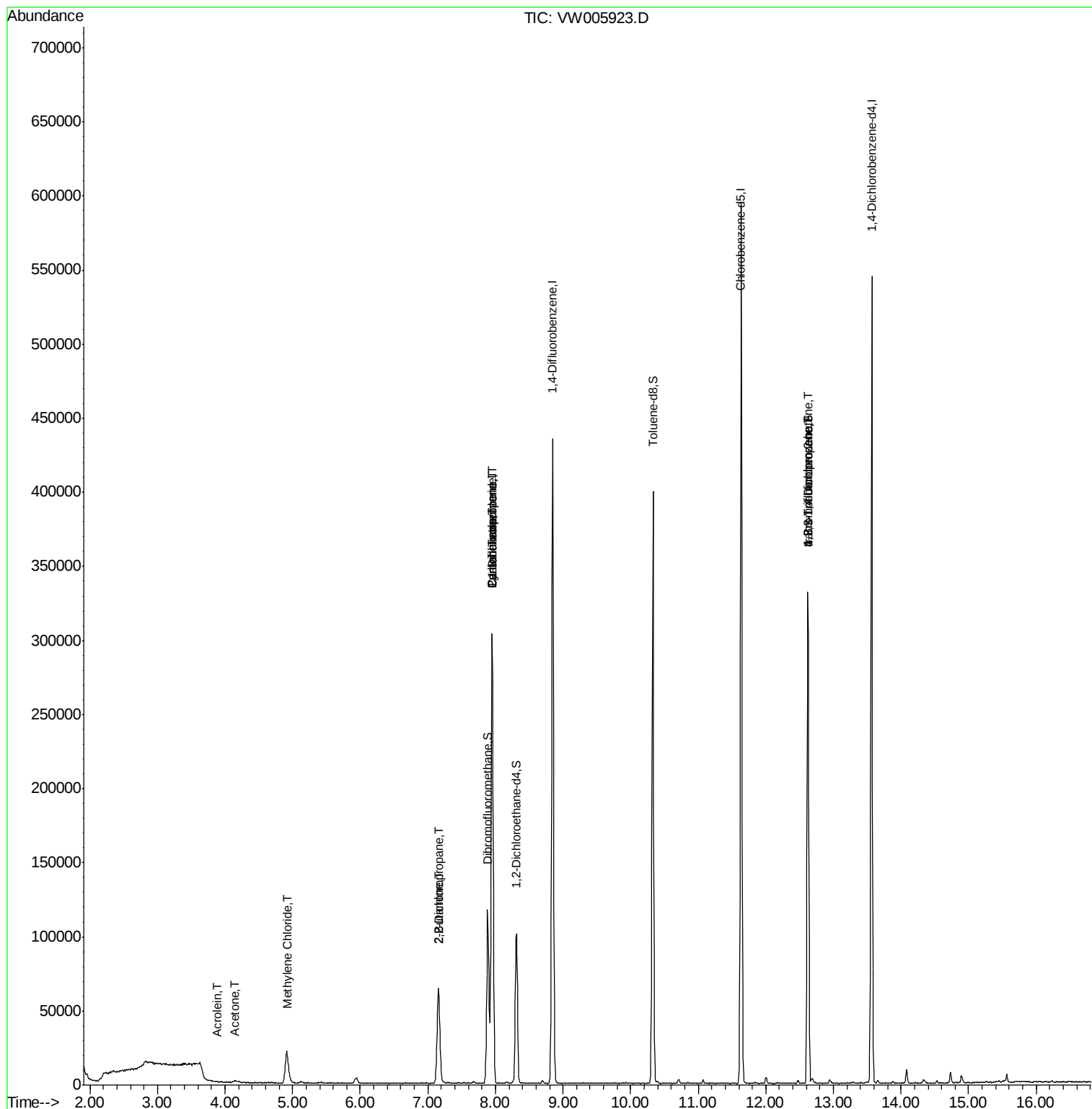
Target Compounds				Qvalue		
13) Acrolein	3.89	56	190	1.216	ug/l #	16
16) Acetone	4.15	43	2873	6.013	ug/l	95
20) Methylene Chloride	4.92	84	17703	7.396	ug/l	94
25) 2-Butanone	7.15	43	3607	5.308	ug/l #	81
26) 2,2-Dichloropropane	7.15	77	4562	1.532	ug/l #	52
31) Cyclohexane	7.95	56	5169	1.234	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	16140	4.424	ug/l #	49
38) Carbon Tetrachloride	7.95	117	22188	5.660	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	50395	37.711	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	50395	79.612	ug/l #	11

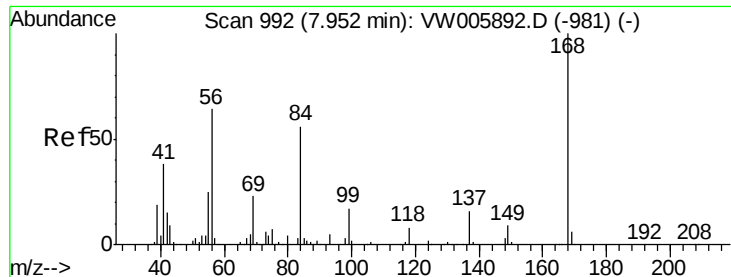
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW005923.D
Acq On : 09 Oct 2018 05:20
Operator : SY/AP
Sample : J5306-07
Misc : 5.73G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-18-V

Quant Time: Oct 09 08:15:56 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: VW005923.D

Acq: 09 Oct 2018 05:20

Instrument :

MSVOA_W

ClientSampleId :

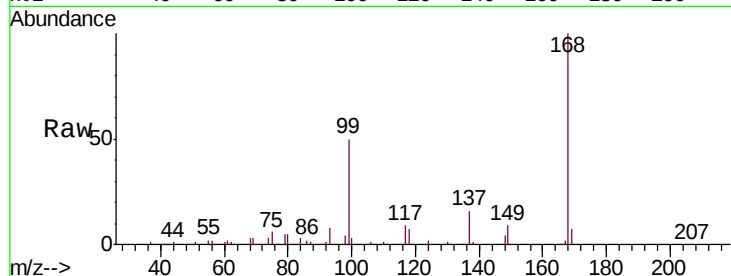
S-18-V

Tgt Ion:168 Resp: 246394

Ion Ratio Lower Upper

168 100

99 50.4 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

120000

100000

80000

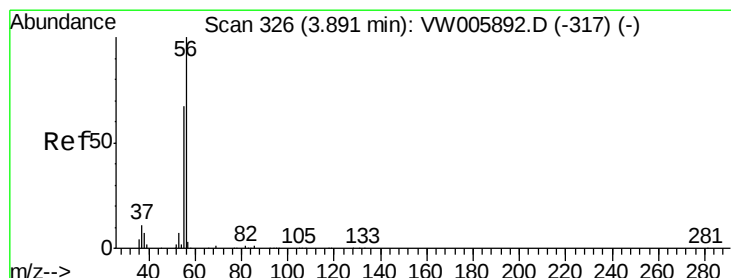
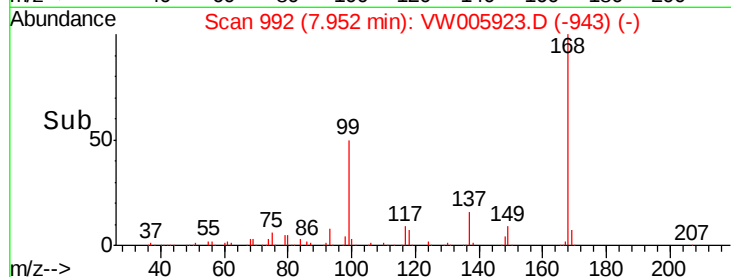
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#13

Acrolein

Concen: 1.216 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW005923.D

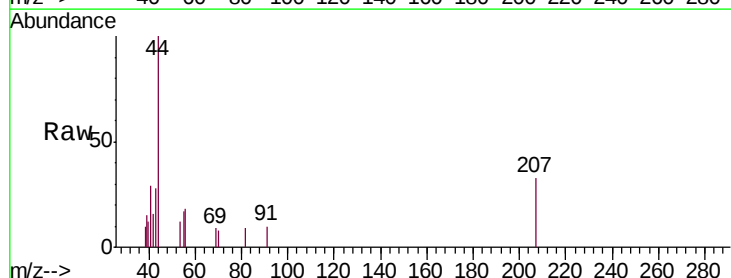
Acq: 09 Oct 2018 05:20

Tgt Ion: 56 Resp: 190

Ion Ratio Lower Upper

56 100

55 0.0 54.6 82.0#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

200

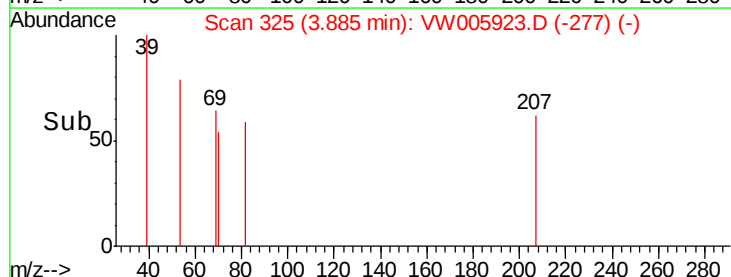
150

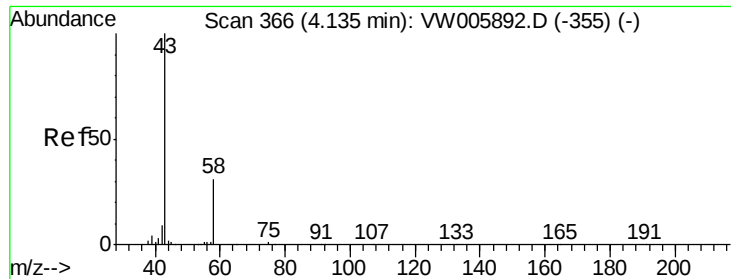
100

50

0

Time--> 3.86 3.88 3.90





#16

Acetone

Concen: 6.013 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW005923.D

Acq: 09 Oct 2018 05:20

Instrument :

MSVOA_W

ClientSampled :

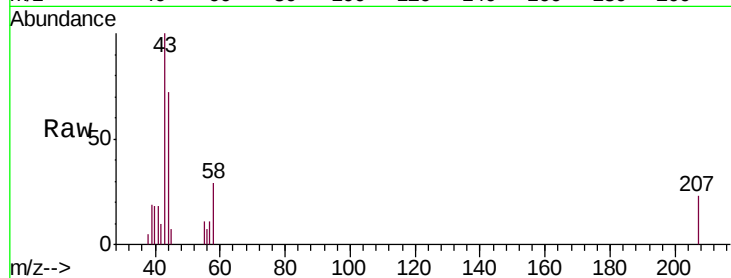
S-18-V

Tgt Ion: 43 Resp: 2873

Ion Ratio Lower Upper

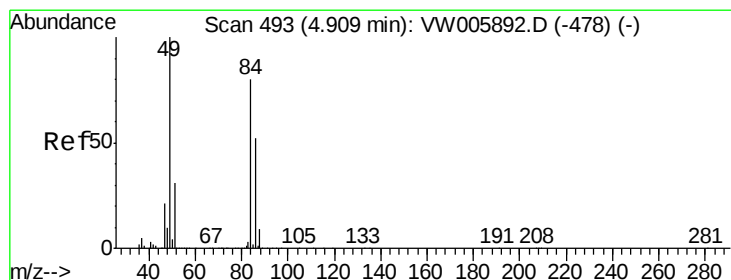
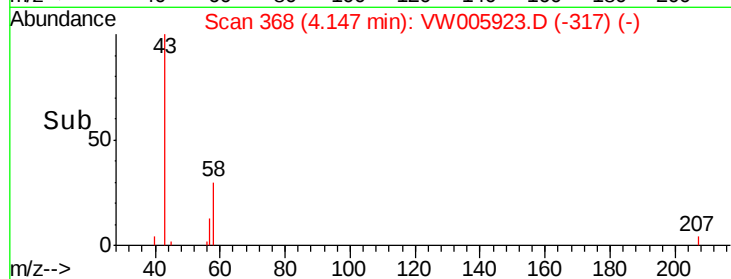
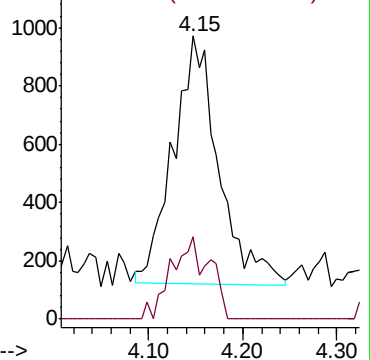
43 100

58 33.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 7.396 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW005923.D

Acq: 09 Oct 2018 05:20

Tgt Ion: 84 Resp: 17703

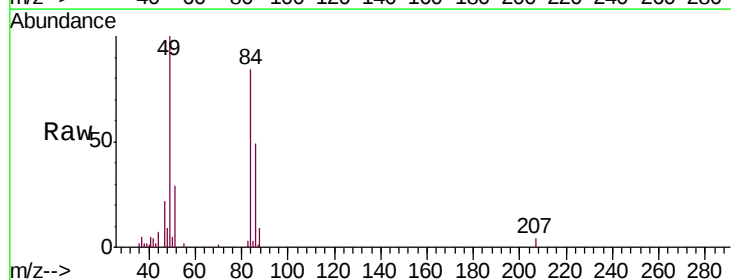
Ion Ratio Lower Upper

84 100

49 118.8 99.9 149.9

51 34.3 31.1 46.7

86 58.8 51.8 77.6

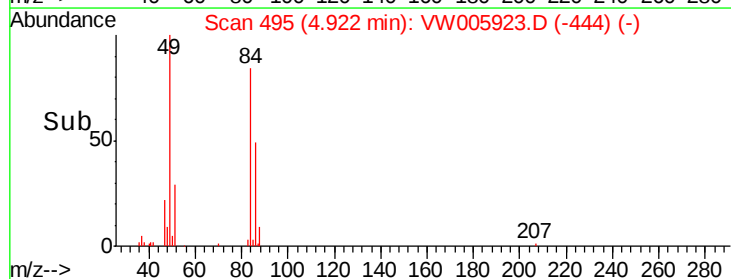
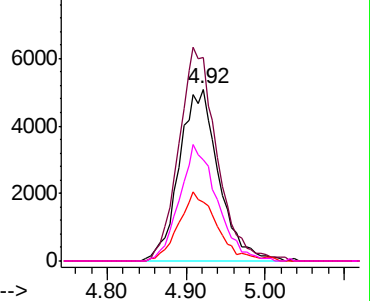


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 5.308 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW005923.D

Acq: 09 Oct 2018 05:20

Instrument :

MSVOA_W

ClientSampled :

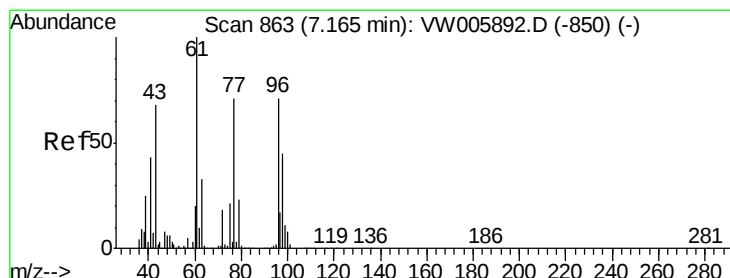
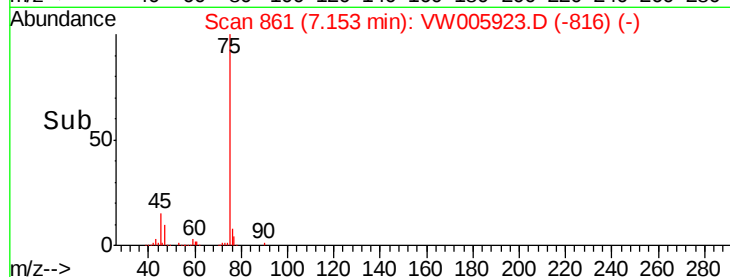
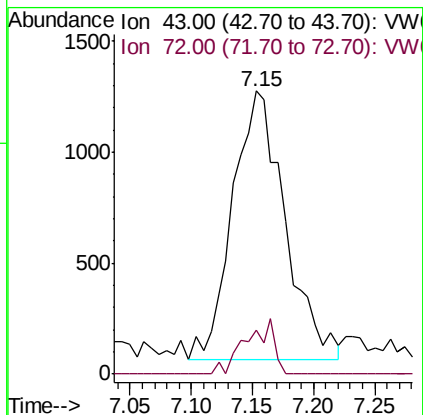
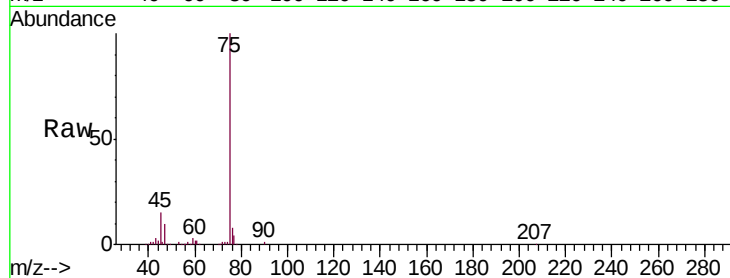
S-18-V

Tgt Ion: 43 Resp: 3607

Ion Ratio Lower Upper

43 100

72 16.6 21.0 31.4#



#26

2,2-Dichloropropane

Concen: 1.532 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW005923.D

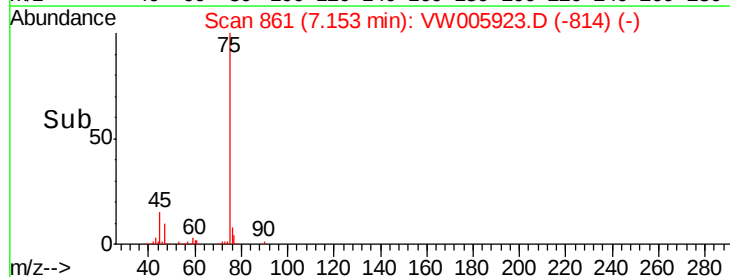
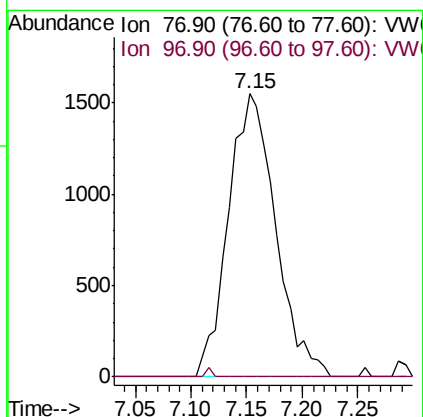
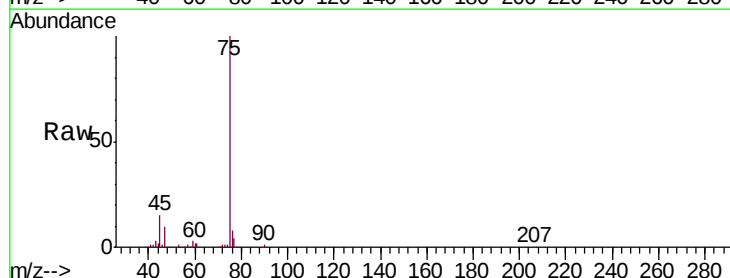
Acq: 09 Oct 2018 05:20

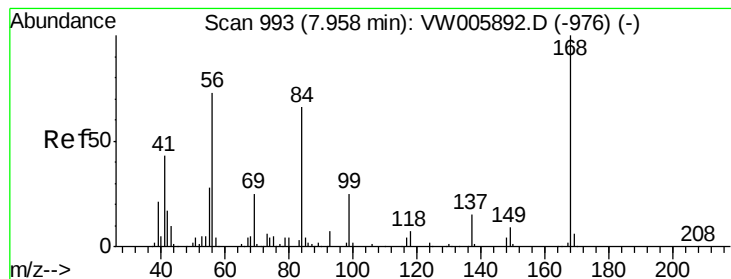
Tgt Ion: 77 Resp: 4562

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.7#





#31

Cyclohexane

Concen: 1.234 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005923.D

Acq: 09 Oct 2018 05:20

Instrument :

MSVOA_W

ClientSampled :

S-18-V

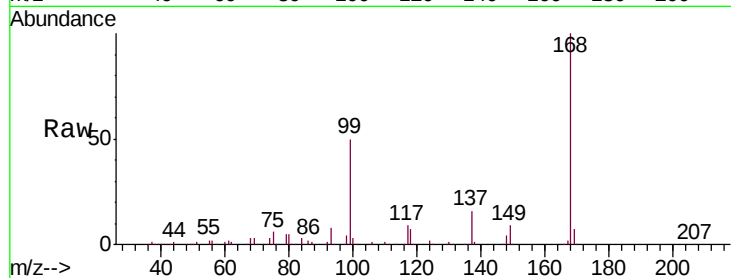
Tgt Ion: 56 Resp: 5169

Ion Ratio Lower Upper

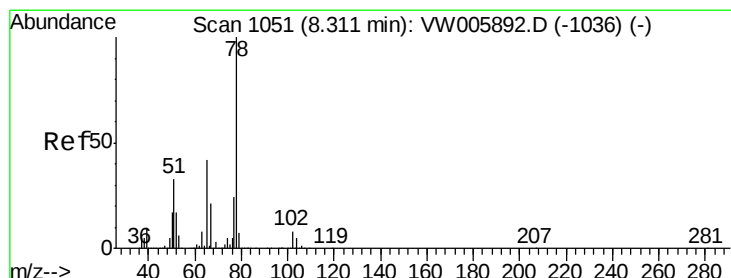
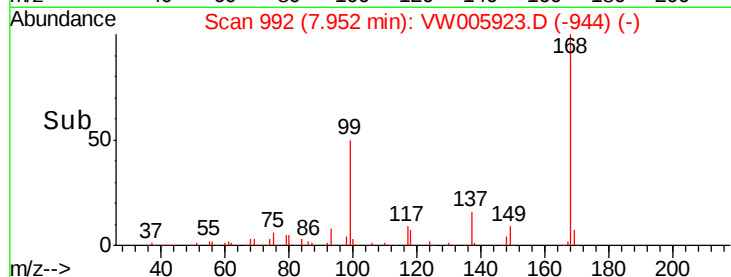
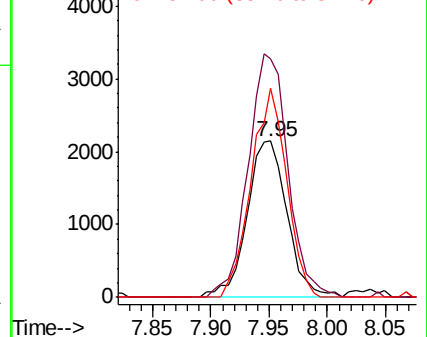
56 100

69 152.5 27.9 41.9#

84 133.5 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: 33.482 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005923.D

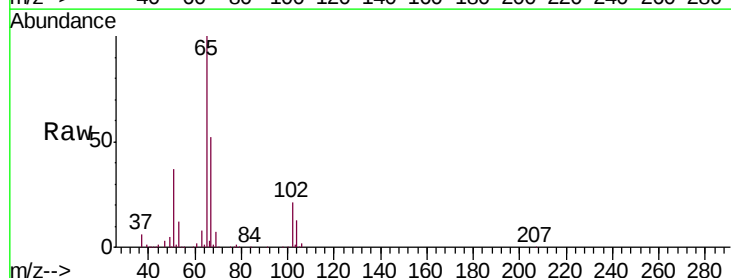
Acq: 09 Oct 2018 05:20

Tgt Ion: 65 Resp: 80087

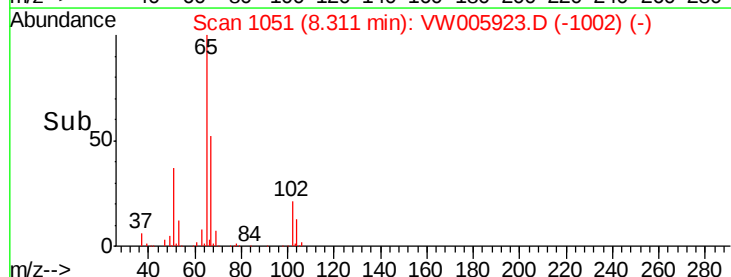
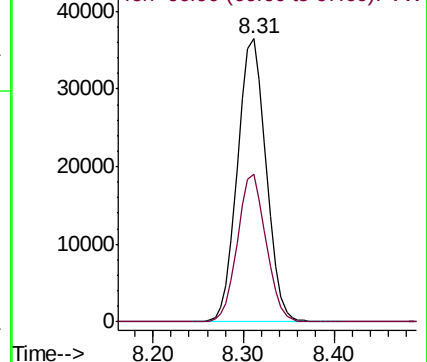
Ion Ratio Lower Upper

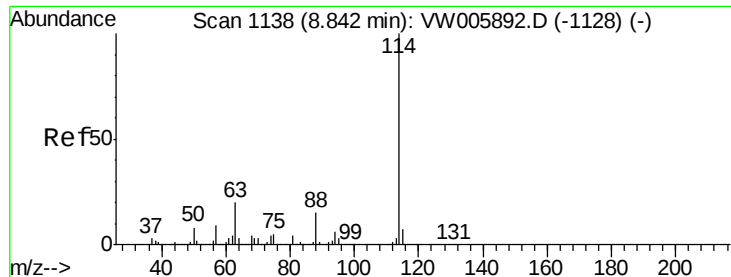
65 100

67 52.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

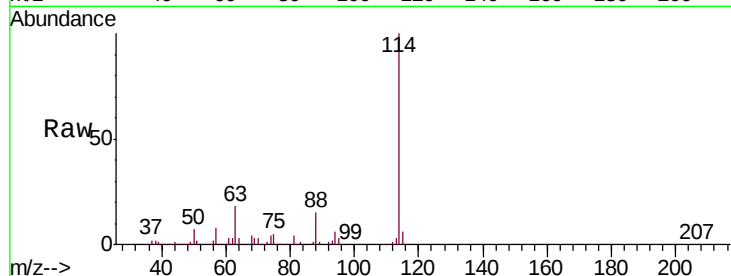




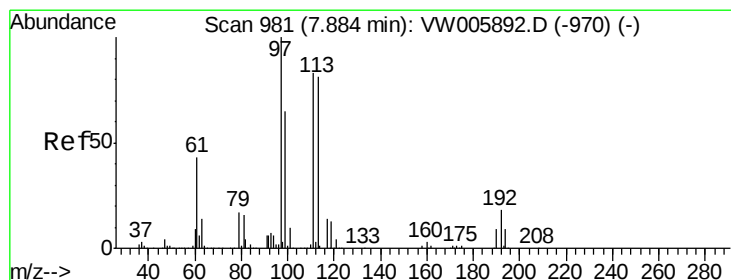
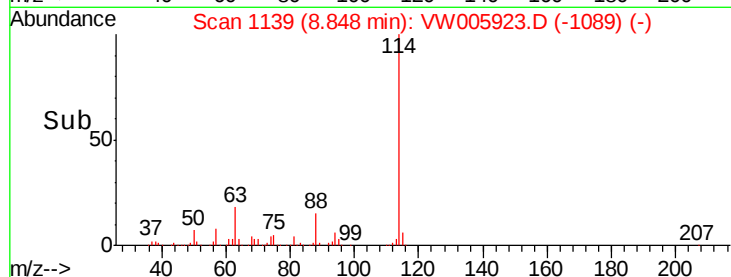
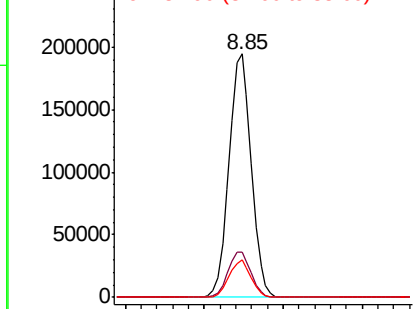
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005923.D
 Acq: 09 Oct 2018 05:20

Instrument :
 MSVOA_W
 ClientSampled :
 S-18-V

Tgt Ion:114 Resp: 380769
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.2
 88 15.2 0.0 30.8

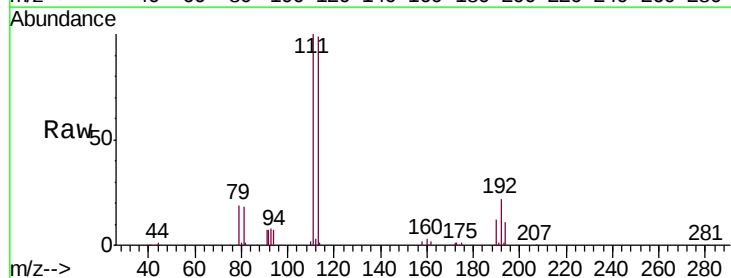


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

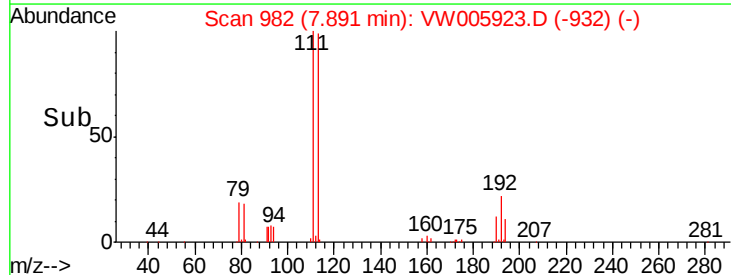
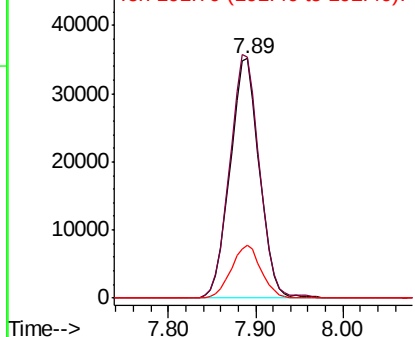


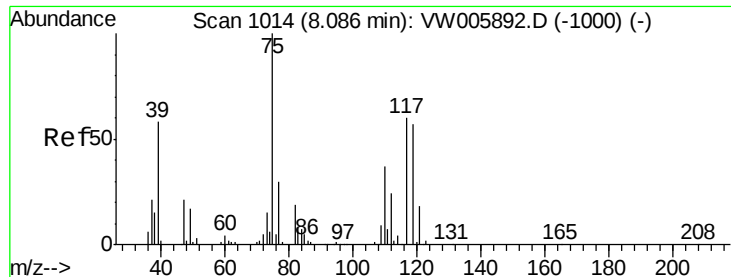
#35
 Dibromofluoromethane
 Concen: 33.735 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005923.D
 Acq: 09 Oct 2018 05:20

Tgt Ion:113 Resp: 82011
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.0 123.0
 192 22.4 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

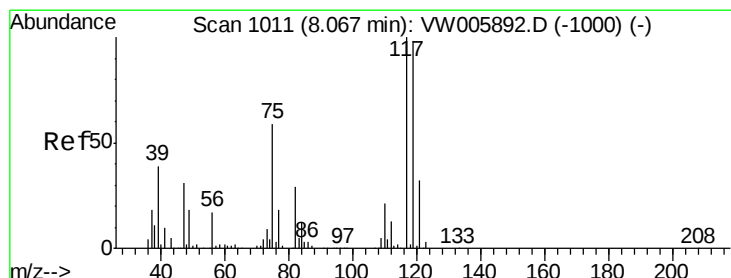
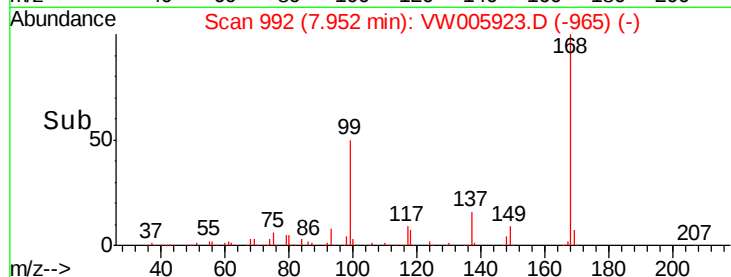
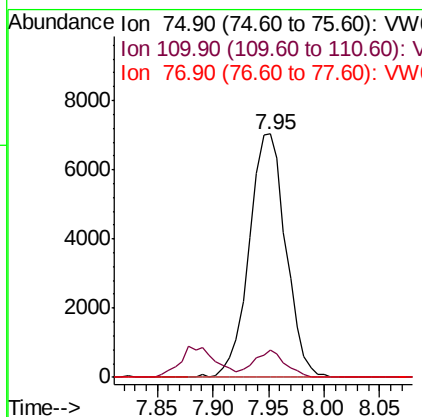
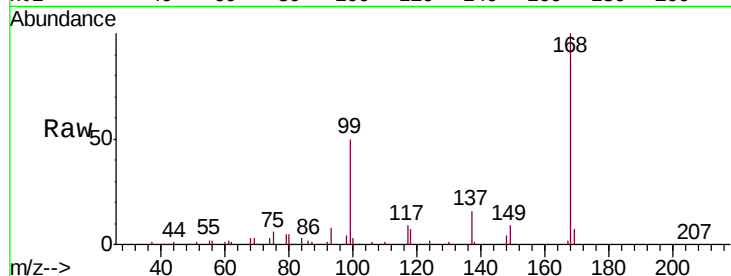




#36
 1,1-Dichloropropene
 Concen: 4.424 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005923.D
 Acq: 09 Oct 2018 05:20

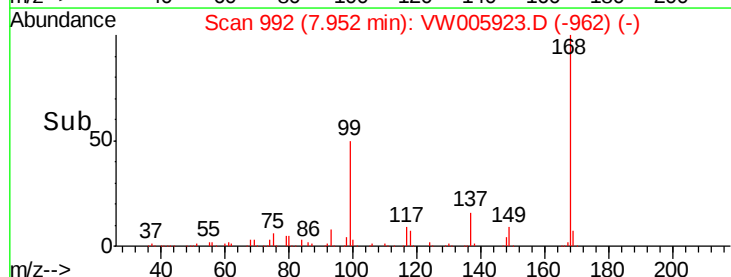
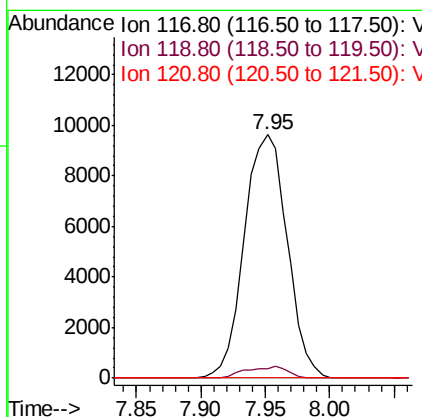
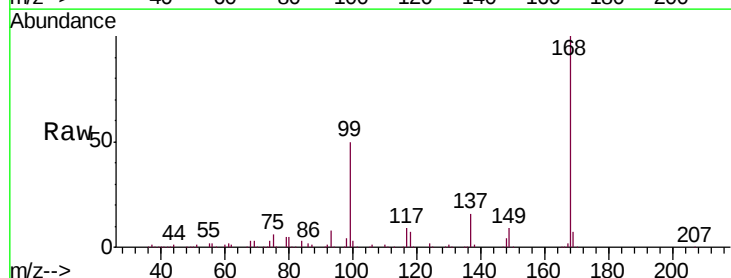
Instrument :
 MSVOA_W
 ClientSampled :
 S-18-V

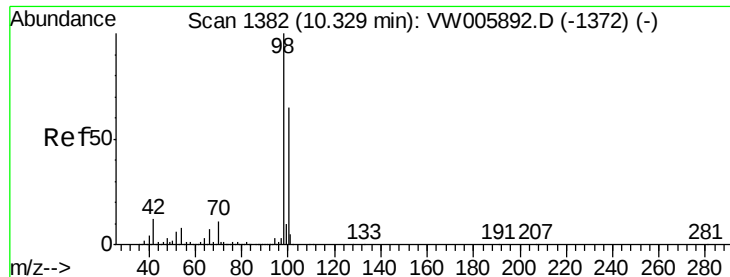
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.6	56.0#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.660 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005923.D
 Acq: 09 Oct 2018 05:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.7	78.6	117.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 28.993 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005923.D

Acq: 09 Oct 2018 05:20

Instrument :

MSVOA_W

ClientSampleId :

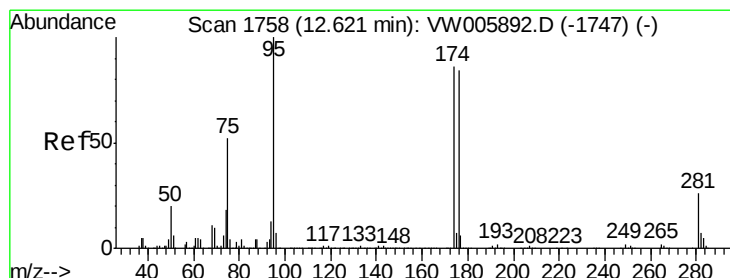
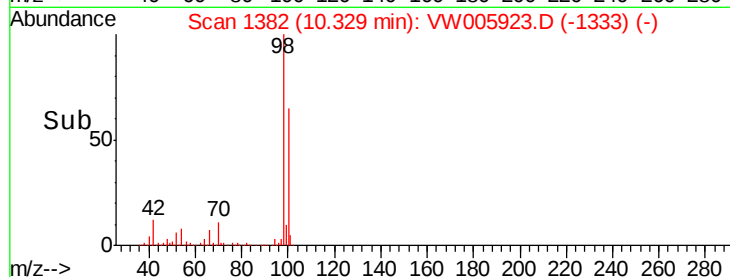
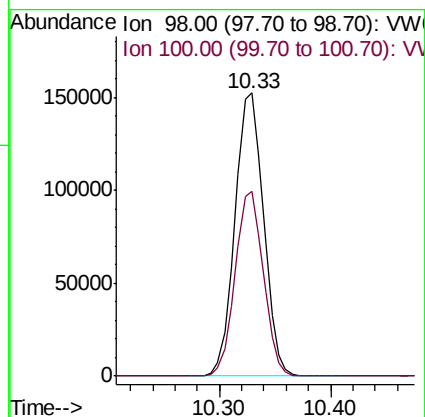
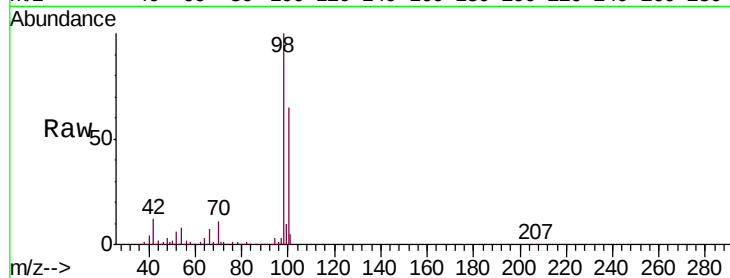
S-18-V

Tgt Ion: 98 Resp: 271180

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 27.607 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005923.D

Acq: 09 Oct 2018 05:20

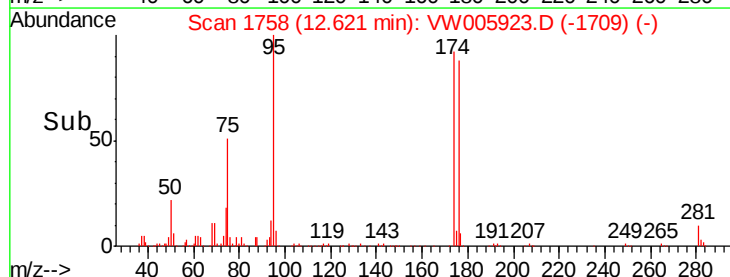
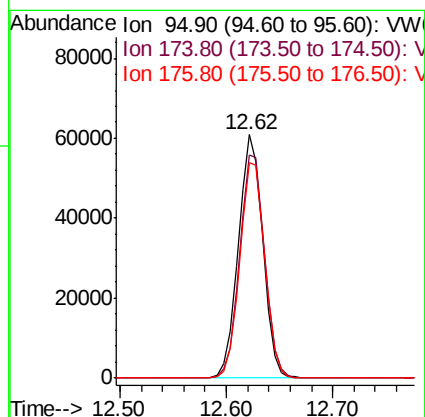
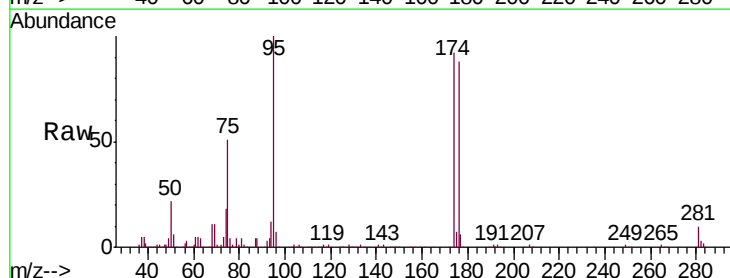
Tgt Ion: 95 Resp: 98241

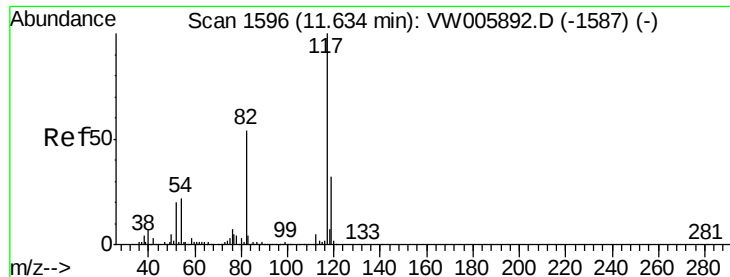
Ion Ratio Lower Upper

95 100

174 93.9 0.0 176.4

176 90.5 0.0 173.0

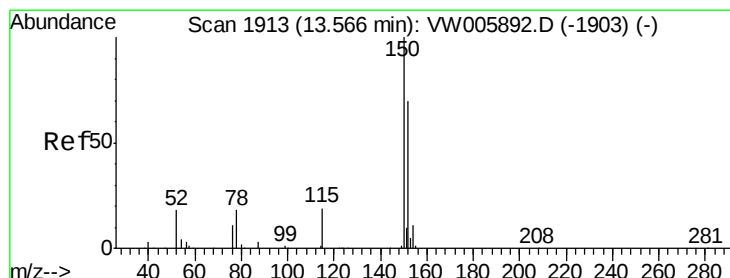
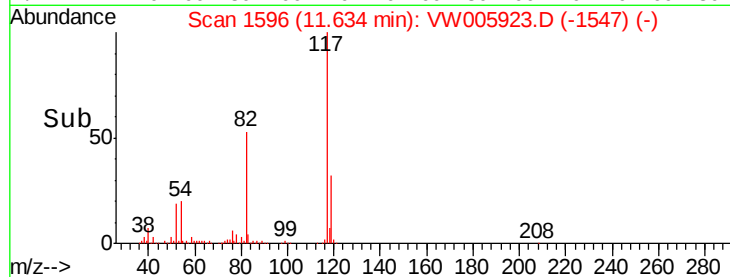
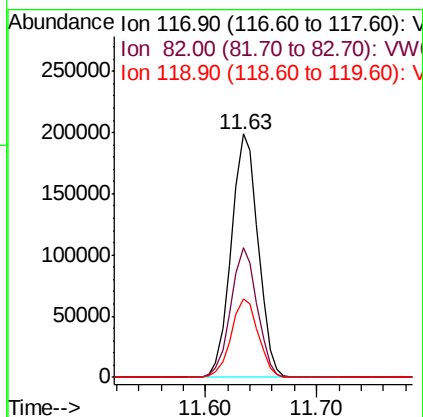
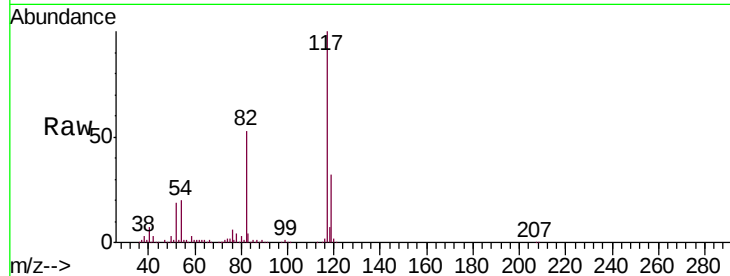




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005923.D
Acq: 09 Oct 2018 05:20

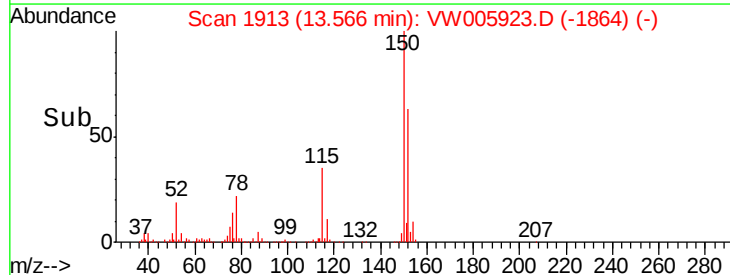
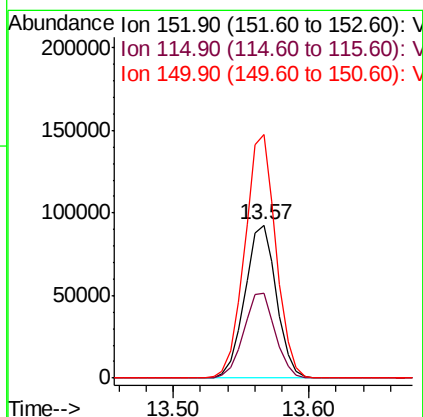
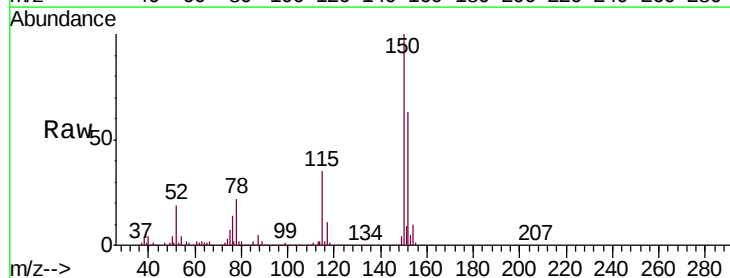
Instrument :
MSVOA_W
ClientSampled :
S-18-V

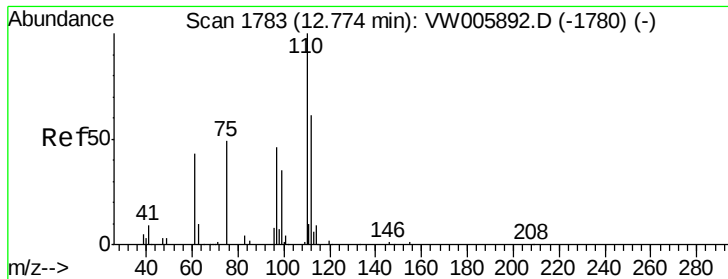
Tgt Ion:117 Resp: 332017
Ion Ratio Lower Upper
117 100
82 53.4 43.5 65.3
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005923.D
Acq: 09 Oct 2018 05:20

Tgt Ion:152 Resp: 149602
Ion Ratio Lower Upper
152 100
115 55.6 28.3 85.0
150 157.5 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 37.711 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005923.D

Acq: 09 Oct 2018 05:20

Instrument :

MSVOA_W

ClientSampleId :

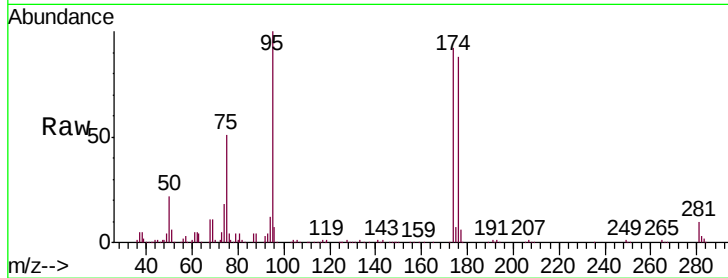
S-18-V

Tgt Ion: 75 Resp: 50395

Ion Ratio Lower Upper

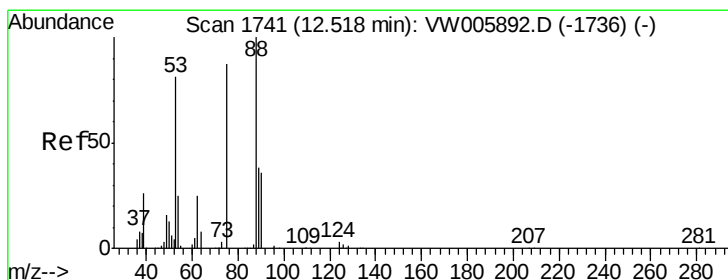
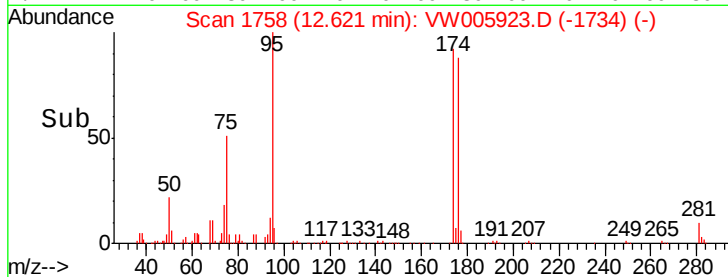
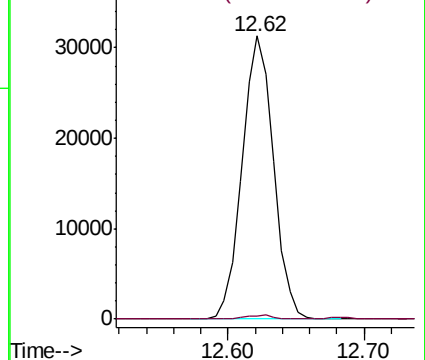
75 100

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: 79.612 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005923.D

Acq: 09 Oct 2018 05:20

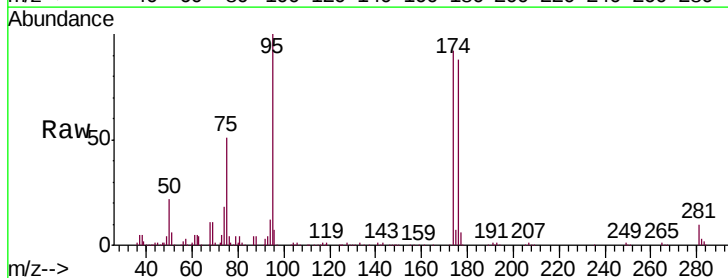
Tgt Ion: 75 Resp: 50395

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 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

