

Data File : VW005916.D
Acq On : 09 Oct 2018 02:20
Operator : SY/AP
Sample : J5302-06
Misc : 4.51G/5ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-6-(2-2.5)

Quant Time: Oct 09 06:16:29 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	194410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	303117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	225037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	75560	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	74721	39.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.18%	
35) Dibromofluoromethane	7.88	113	71237	36.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.62%	
50) Toluene-d8	10.33	98	198317	26.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	53.26%	
62) 4-Bromofluorobenzene	12.62	95	59664	21.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.12%	

Target Compounds

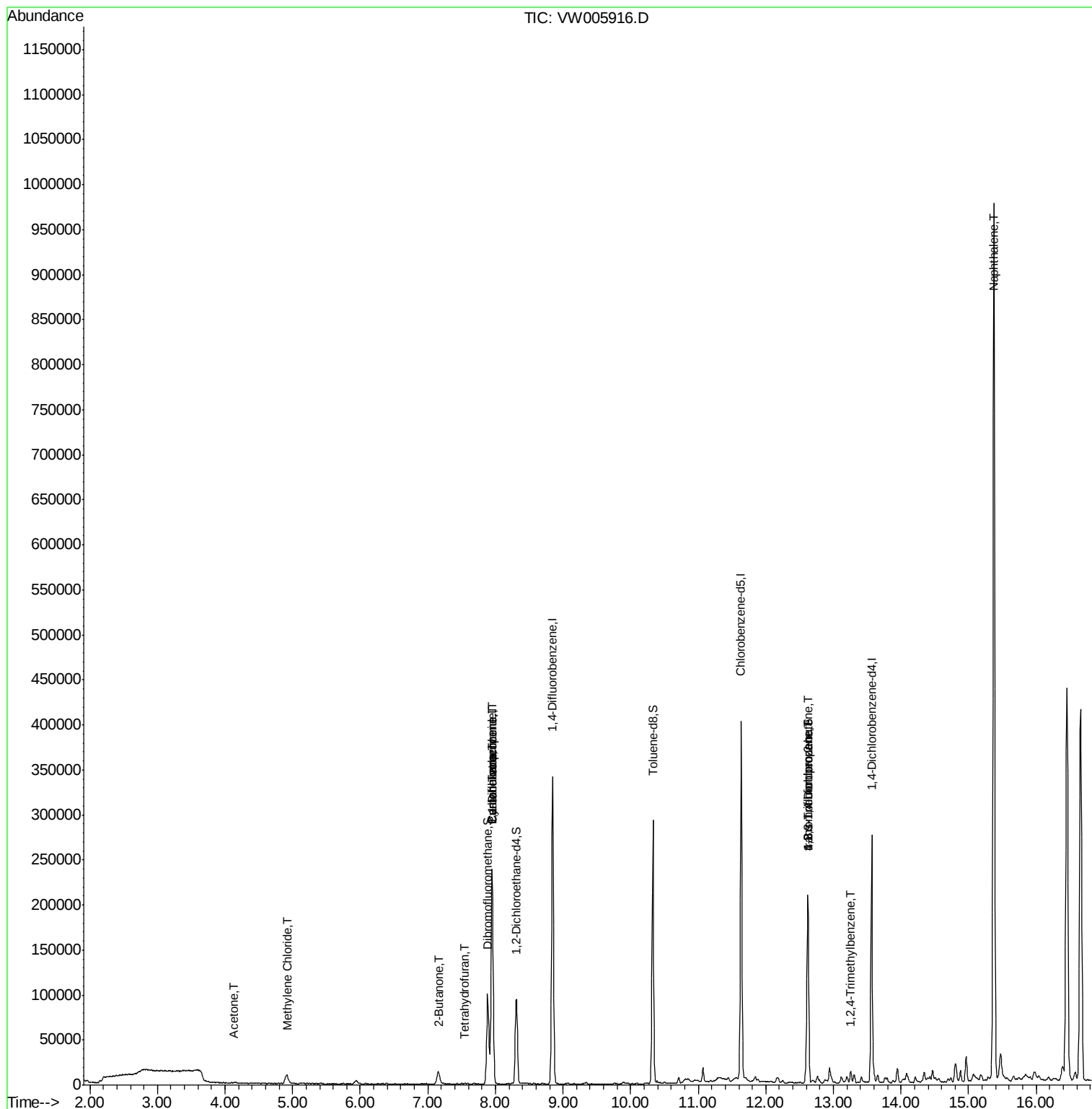
						Qvalue
16) Acetone	4.14	43	2250	5.969	ug/l	95
20) Methylene Chloride	4.91	84	8221	4.353	ug/l	97
25) 2-Butanone	7.17	43	1015	1.893	ug/l #	49
29) Tetrahydrofuran	7.54	42	371	1.095	ug/l #	70
31) Cyclohexane	7.95	56	4116	1.246	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	13171	4.535	ug/l #	48
38) Carbon Tetrachloride	7.95	117	17338	5.556	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	30766	45.582	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	30766	96.229	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.26	105	7720	1.643	ug/l	97
95) Naphthalene	15.38	128	883877	286.789	ug/l	100

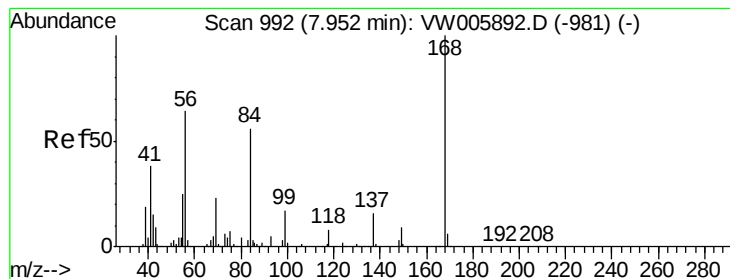
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005916.D

Acq: 09 Oct 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

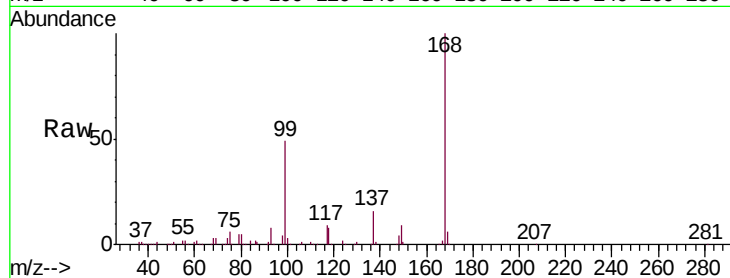
SB-6-(2-2.5)

Tgt Ion:168 Resp: 194410

Ion Ratio Lower Upper

168 100

99 49.5 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

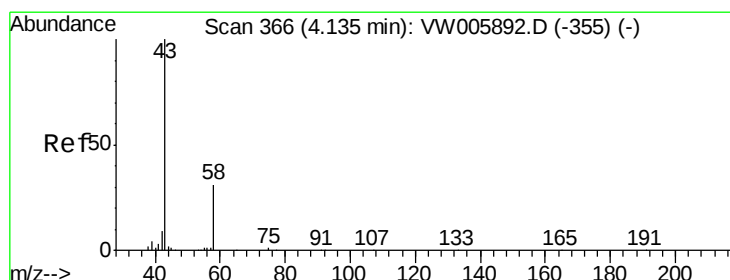
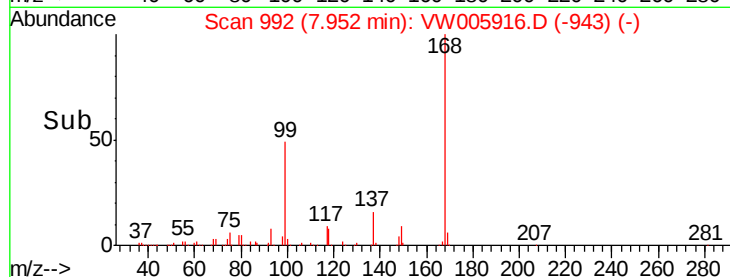
20000

0

7.90

8.00

Time-->



#16

Acetone

Concen: 5.969 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005916.D

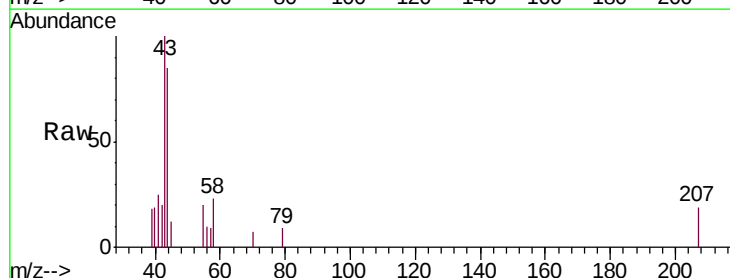
Acq: 09 Oct 2018 02:20

Tgt Ion: 43 Resp: 2250

Ion Ratio Lower Upper

43 100

58 28.0 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

800

600

400

200

0

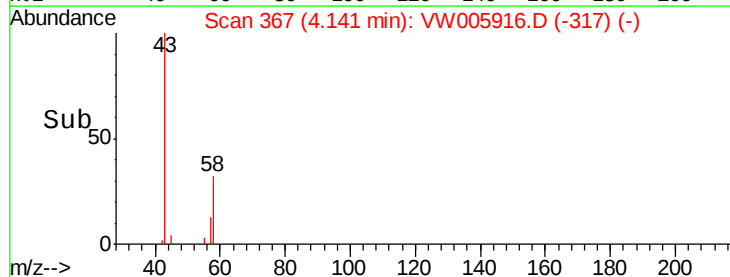
4.05

4.10

4.15

4.20

Time-->





#20

Methylene Chloride

Concen: 4.353 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW005916.D

Acq: 09 Oct 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

SB-6-(2-2.5)

Tgt Ion: 84 Resp: 8221

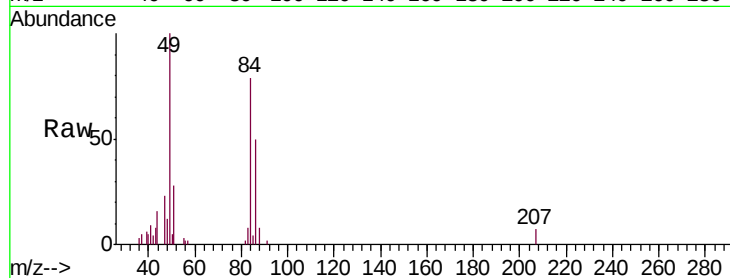
Ion Ratio Lower Upper

84 100

49 127.2 99.9 149.9

51 35.2 31.1 46.7

86 63.6 51.8 77.6

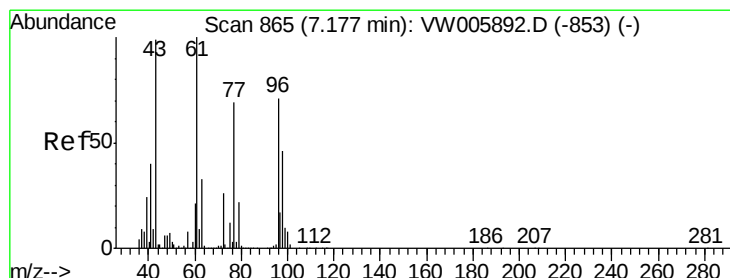
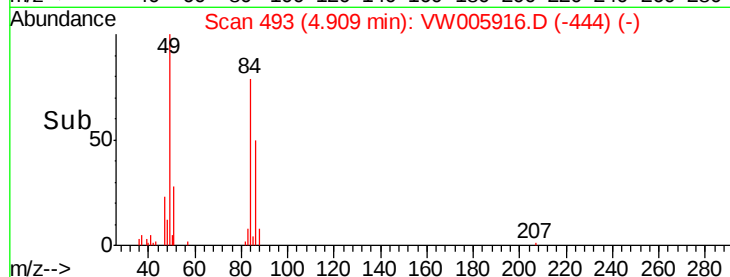
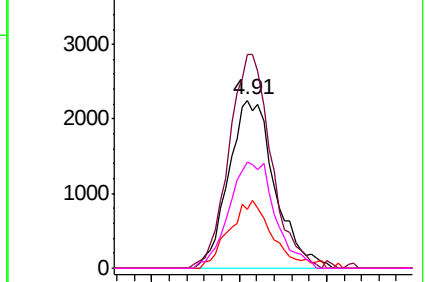


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.893 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW005916.D

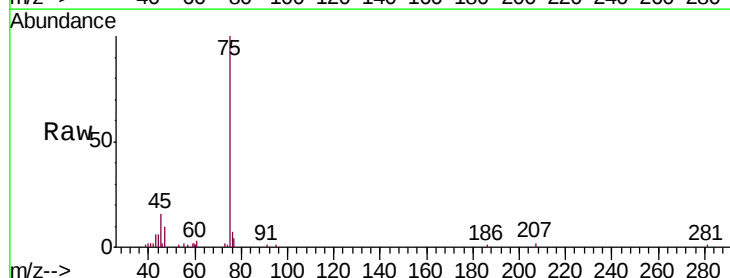
Acq: 09 Oct 2018 02:20

Tgt Ion: 43 Resp: 1015

Ion Ratio Lower Upper

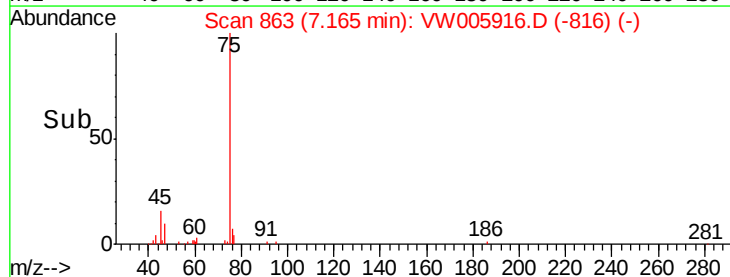
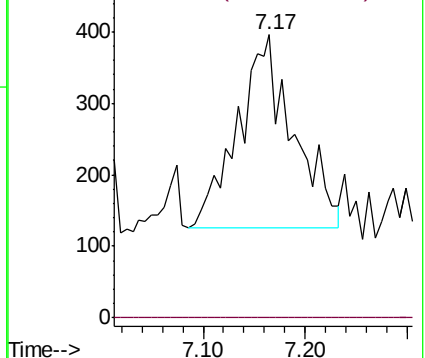
43 100

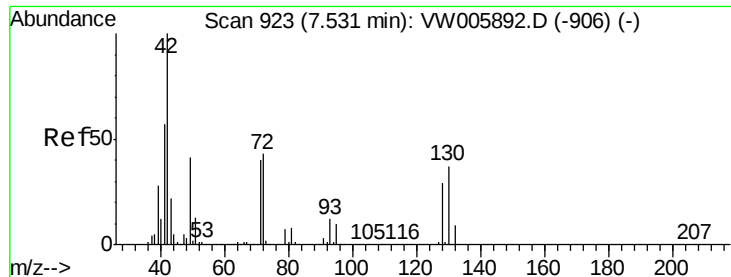
72 0.0 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

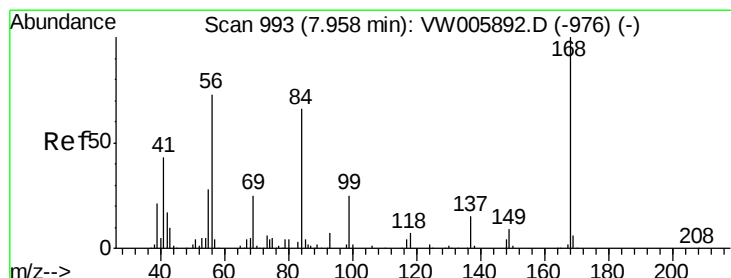
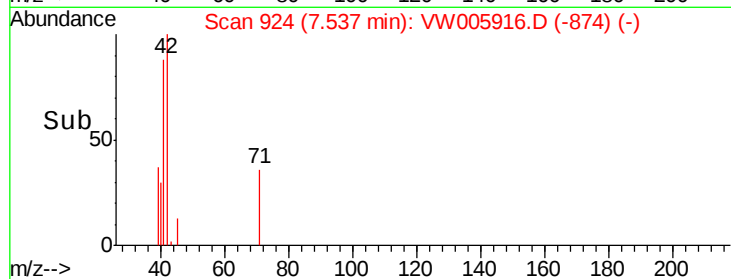
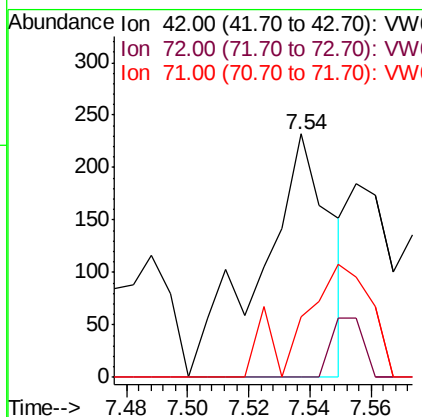
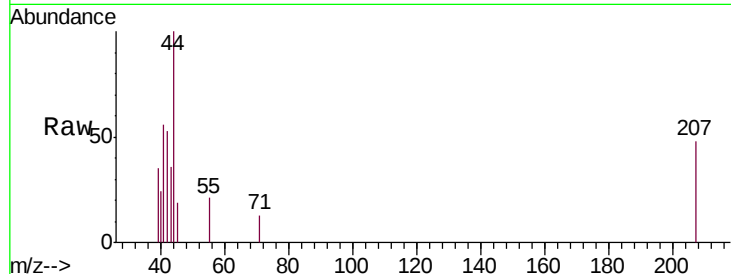




#29
Tetrahydrofuran
Concen: 1.095 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW005916.D
Acq: 09 Oct 2018 02:20

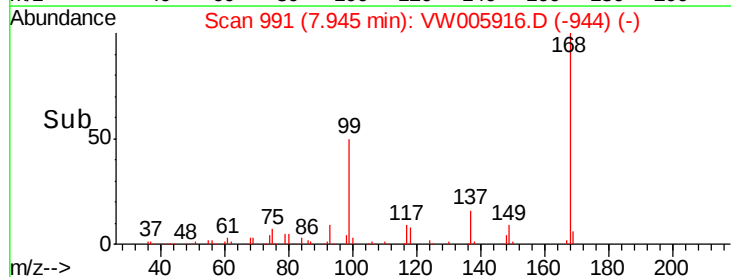
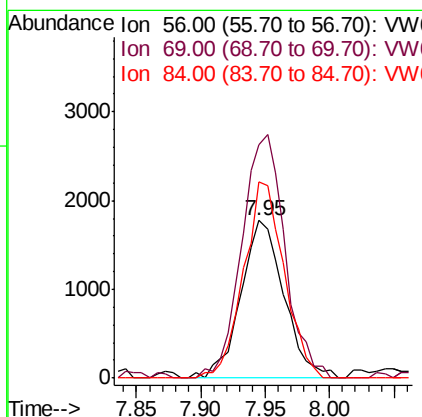
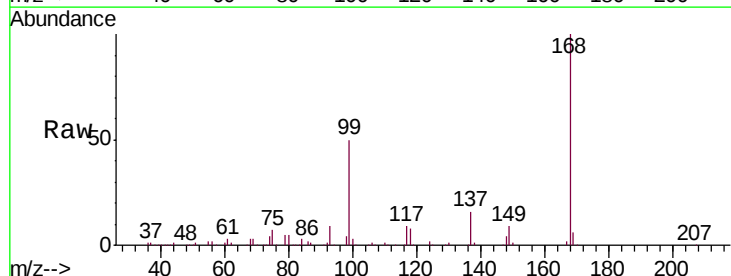
Instrument :
MSVOA_W
ClientSampleId :
SB-6-(2-2.5)

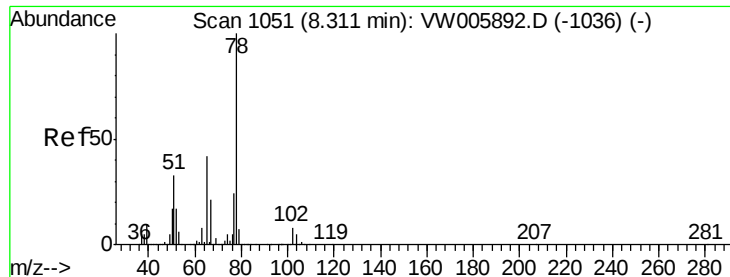
Tgt Ion: 42 Resp: 371
Ion Ratio Lower Upper
42 100
72 11.3 34.6 51.8#
71 46.1 32.6 49.0



#31
Cyclohexane
Concen: 1.246 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW005916.D
Acq: 09 Oct 2018 02:20

Tgt Ion: 56 Resp: 4116
Ion Ratio Lower Upper
56 100
69 147.9 27.9 41.9#
84 124.2 72.3 108.5#





#33

1,2-Dichloroethane-d4

Concen: 39.592 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW005916.D

Acq: 09 Oct 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

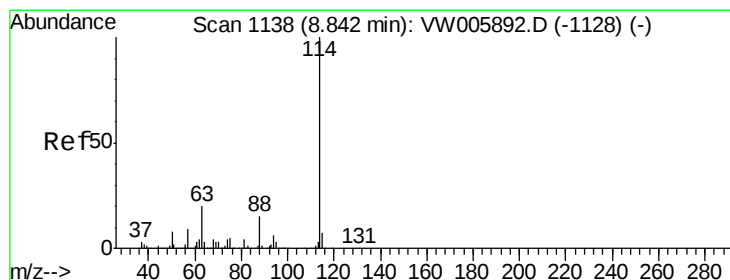
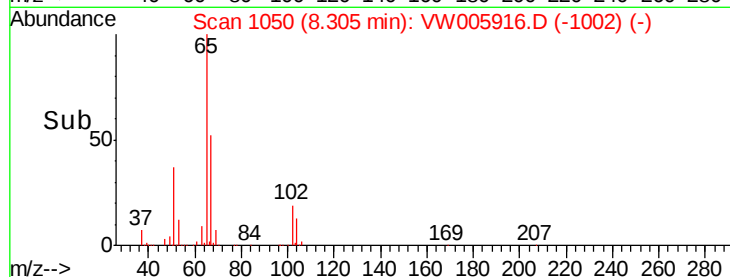
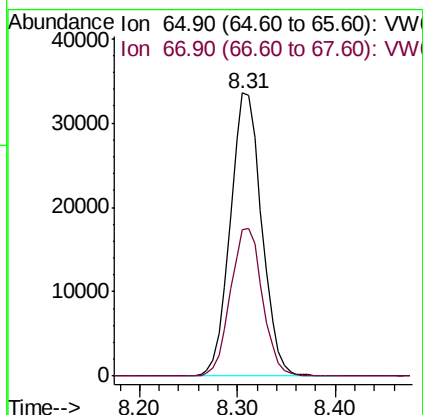
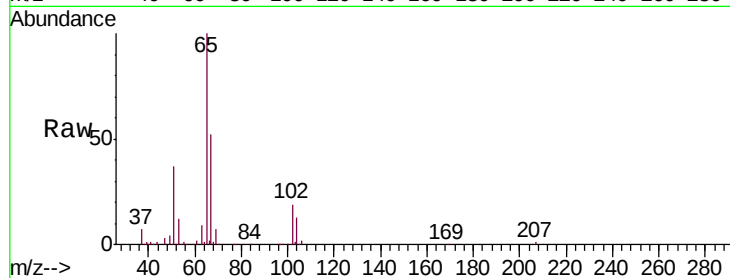
SB-6-(2-2.5)

Tgt Ion: 65 Resp: 74721

Ion Ratio Lower Upper

65 100

67 52.9 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: VW005916.D

Acq: 09 Oct 2018 02:20

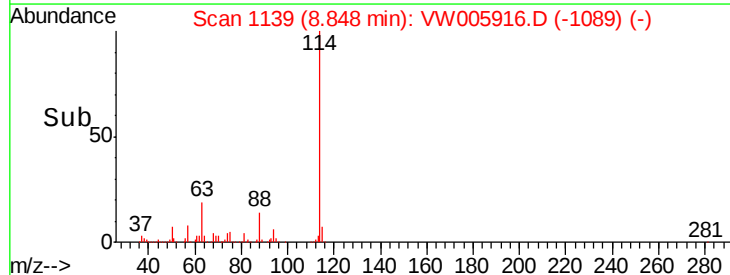
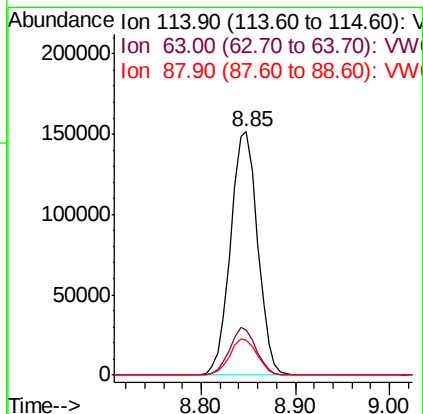
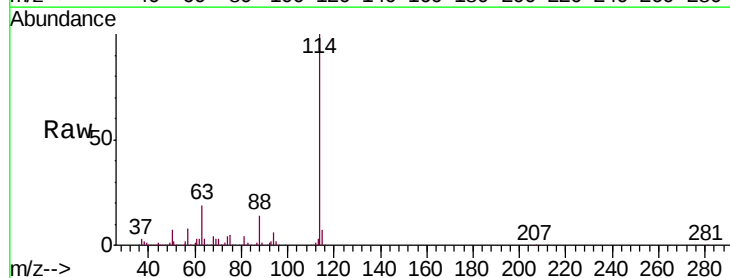
Tgt Ion: 114 Resp: 303117

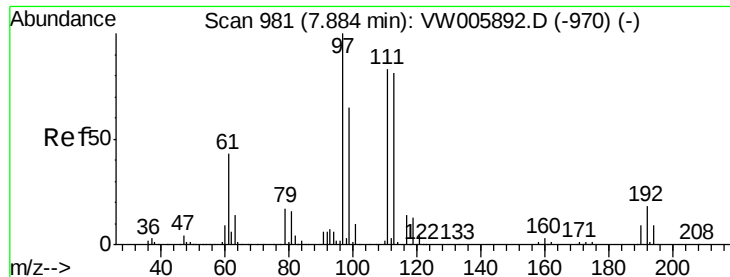
Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.2

88 14.4 0.0 30.8

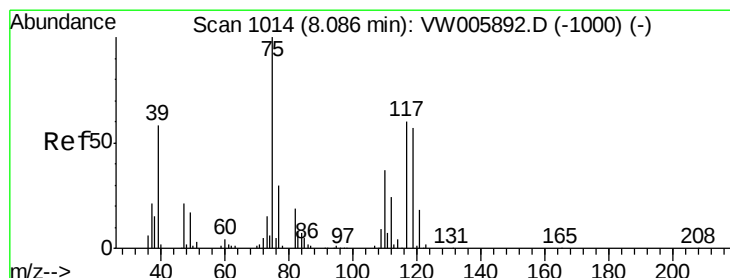
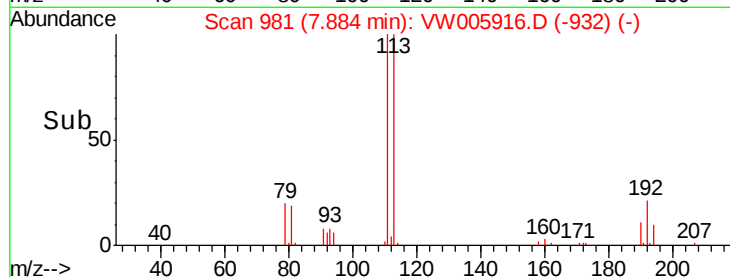
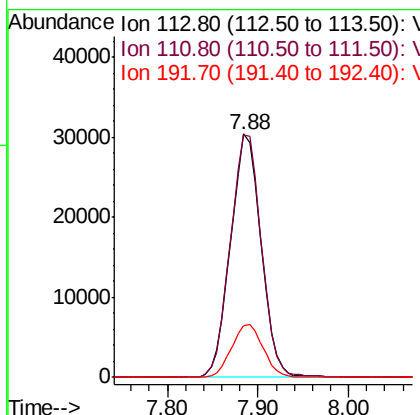
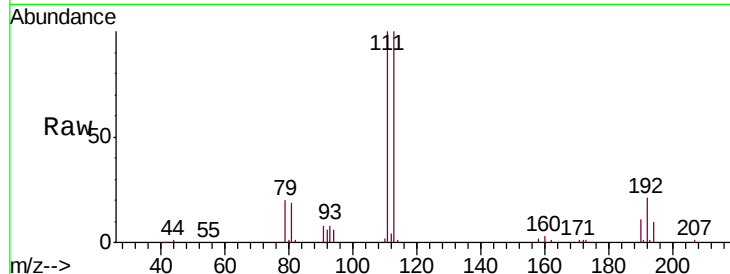




#35
 Dibromofluoromethane
 Concen: 36.810 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005916.D
 Acq: 09 Oct 2018 02:20

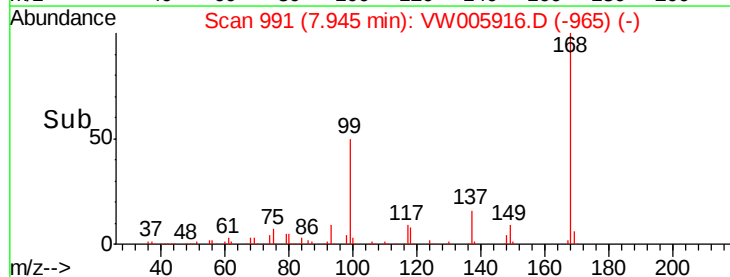
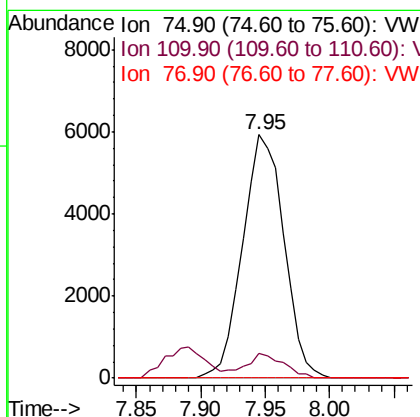
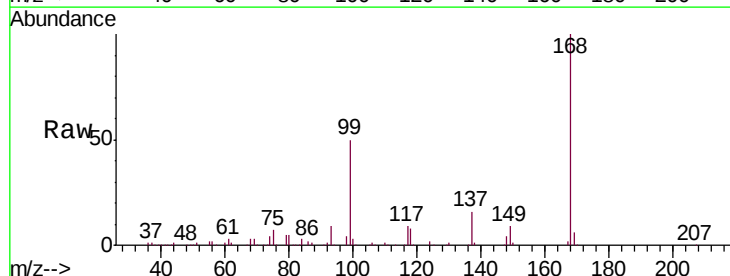
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6-(2-2.5)

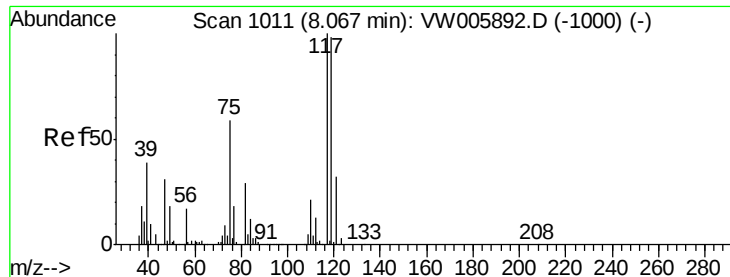
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.0	123.0
192	22.2	18.3	27.5



#36
 1,1-Dichloropropene
 Concen: 4.535 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW005916.D
 Acq: 09 Oct 2018 02:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.6	56.0#
77	0.0	24.7	37.1#

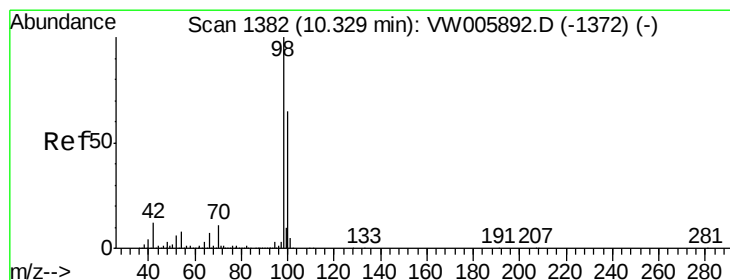
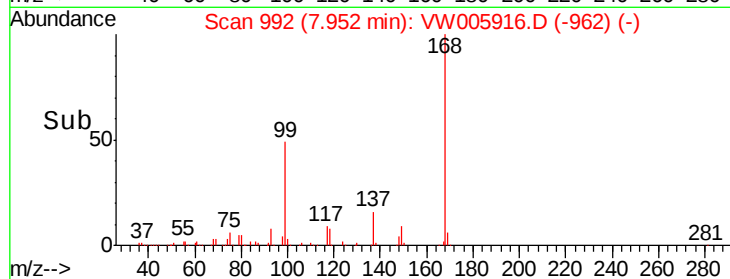
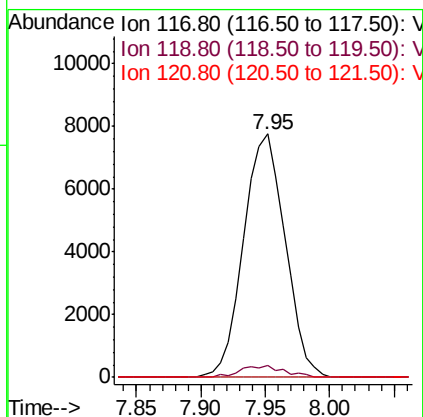
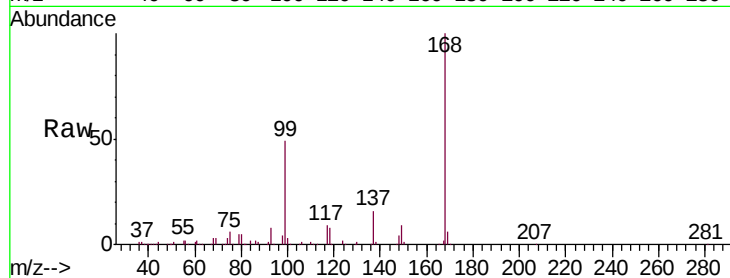




#38
Carbon Tetrachloride
Concen: 5.556 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005916.D
Acq: 09 Oct 2018 02:20

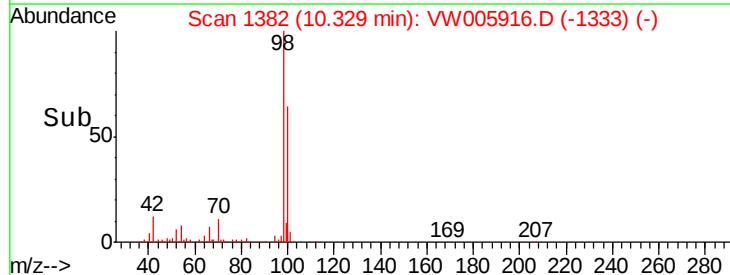
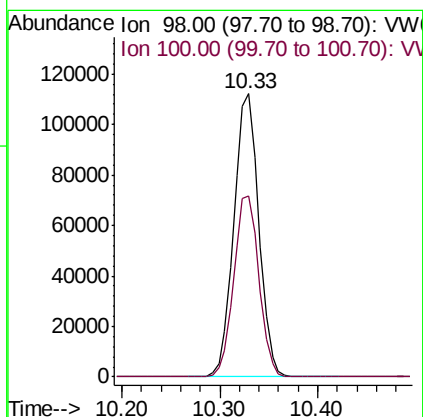
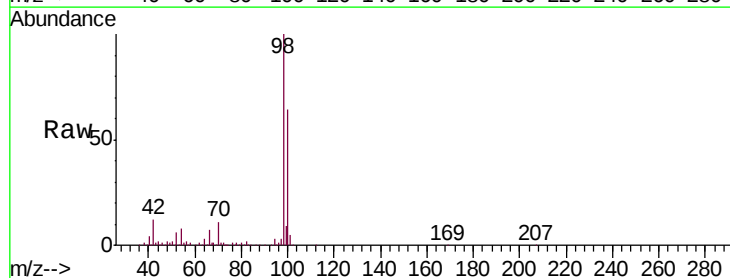
Instrument :
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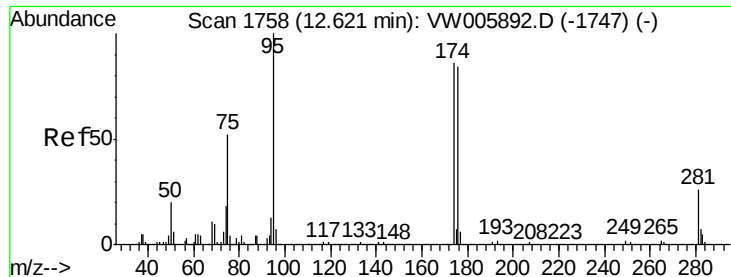
Tgt Ion:117 Resp: 17338
Ion Ratio Lower Upper
117 100
119 4.8 78.6 117.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 26.635 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005916.D
Acq: 09 Oct 2018 02:20

Tgt Ion: 98 Resp: 198317
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 21.061 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005916.D

Acq: 09 Oct 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

SB-6-(2-2.5)

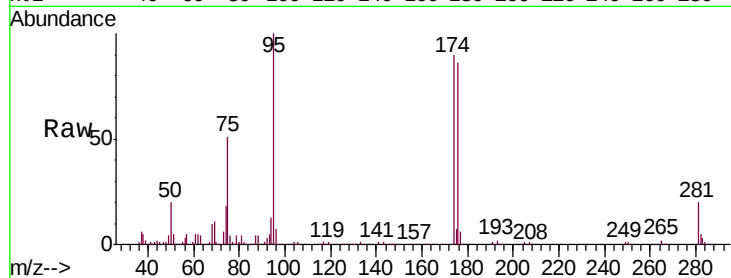
Tgt Ion: 95 Resp: 59664

Ion Ratio Lower Upper

95 100

174 93.1 0.0 176.4

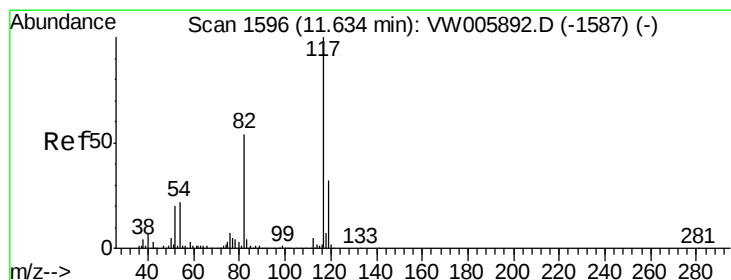
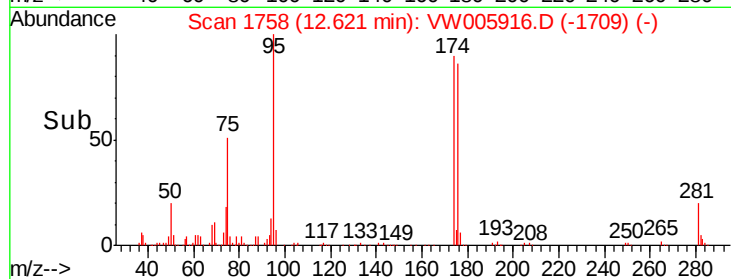
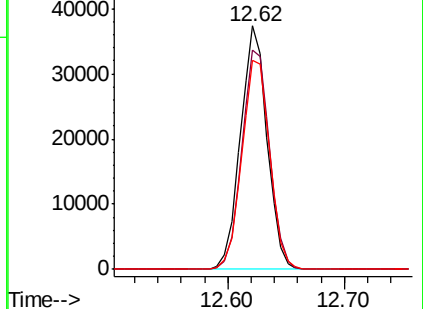
176 89.7 0.0 173.0



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: VW005916.D

Acq: 09 Oct 2018 02:20

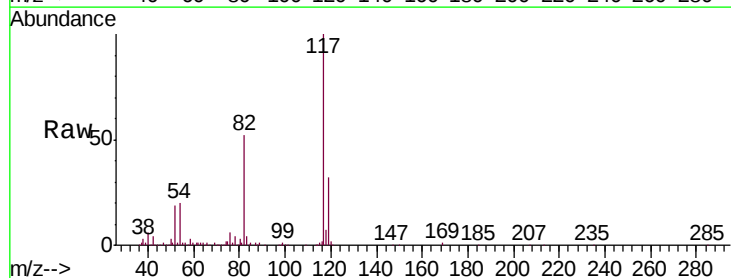
Tgt Ion: 117 Resp: 225037

Ion Ratio Lower Upper

117 100

82 52.0 43.5 65.3

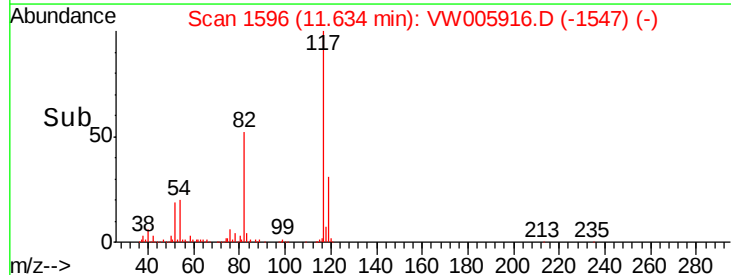
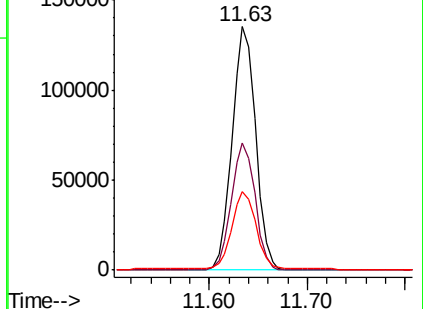
119 32.1 25.4 38.2

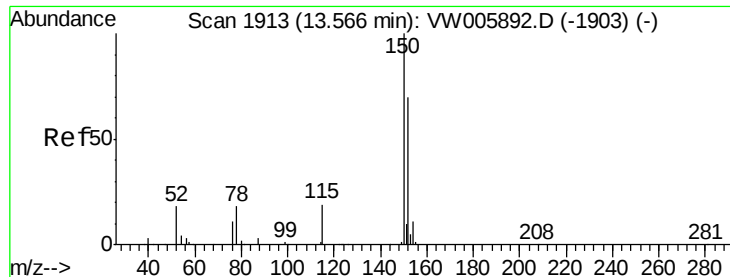


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW005916.D

Acq: 09 Oct 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

SB-6-(2-2.5)

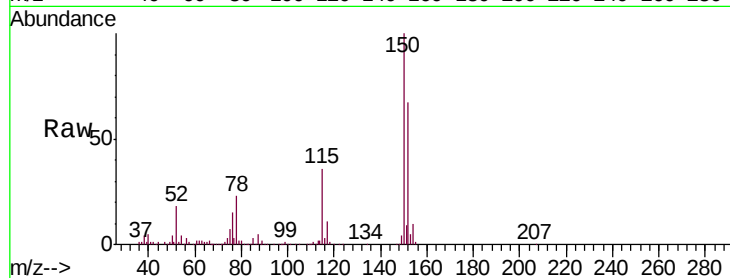
Tgt Ion:152 Resp: 75560

Ion Ratio Lower Upper

152 100

115 56.7 28.3 85.0

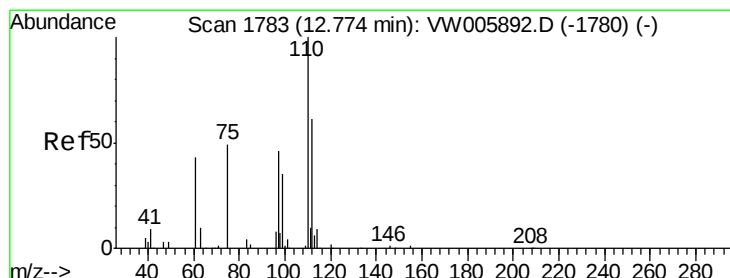
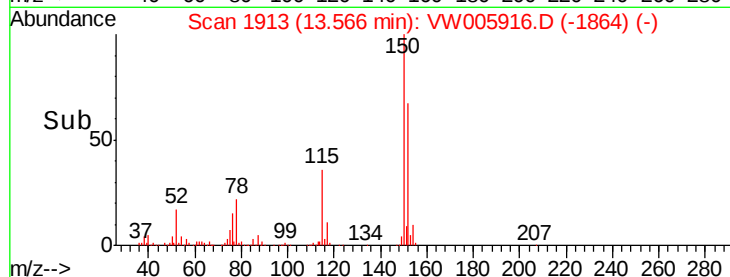
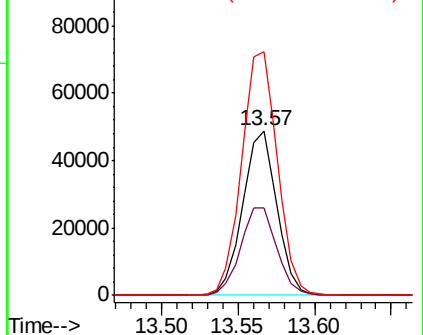
150 155.6 0.0 349.2



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: 45.582 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005916.D

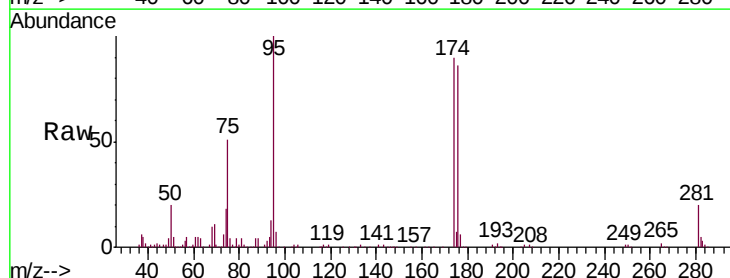
Acq: 09 Oct 2018 02:20

Tgt Ion: 75 Resp: 30766

Ion Ratio Lower Upper

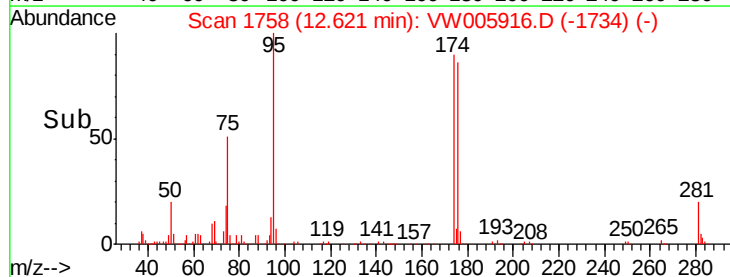
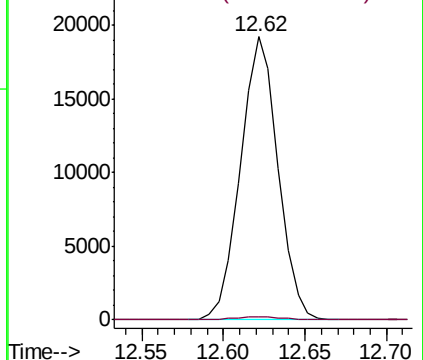
75 100

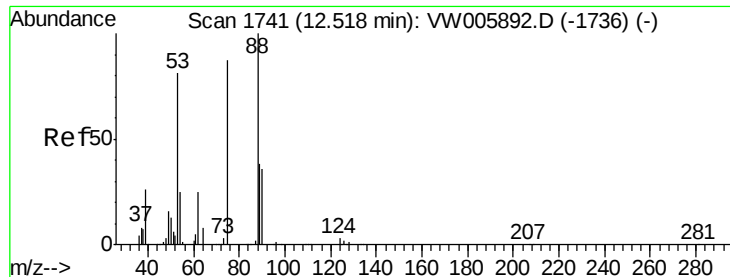
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

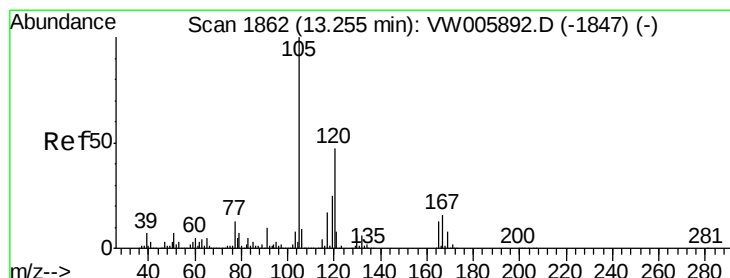
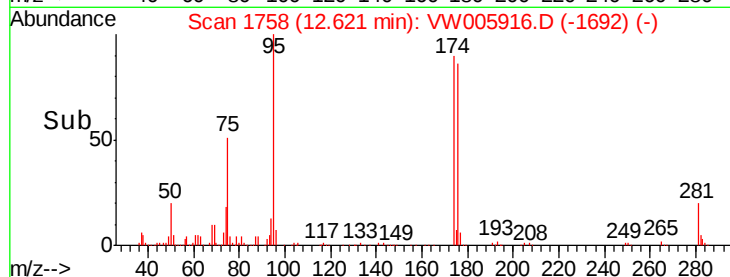
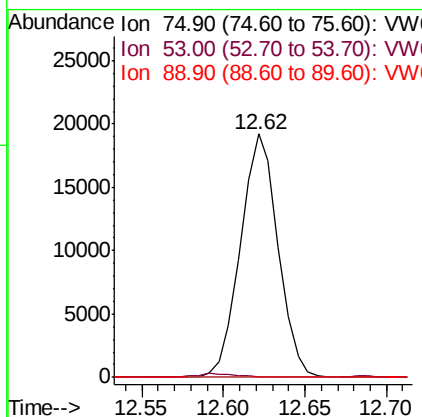
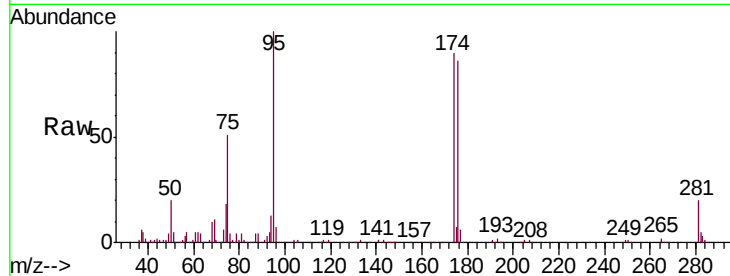




#81
trans-1,4-Dichloro-2-butene
Concen: 96.229 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW005916.D
Acq: 09 Oct 2018 02:20

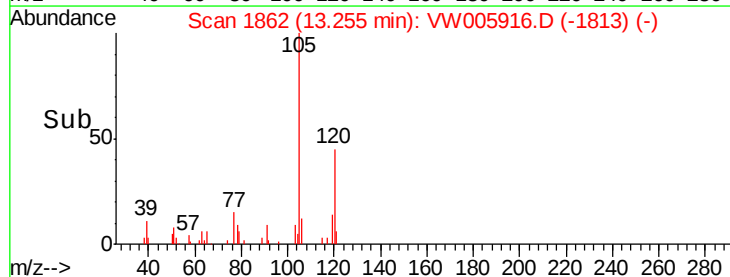
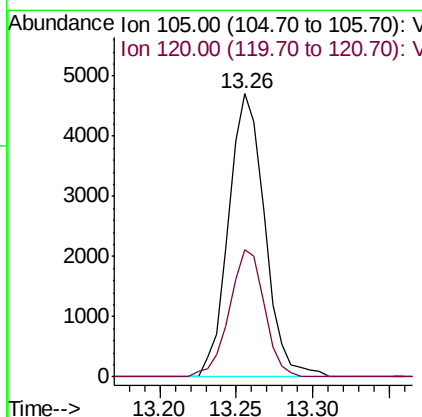
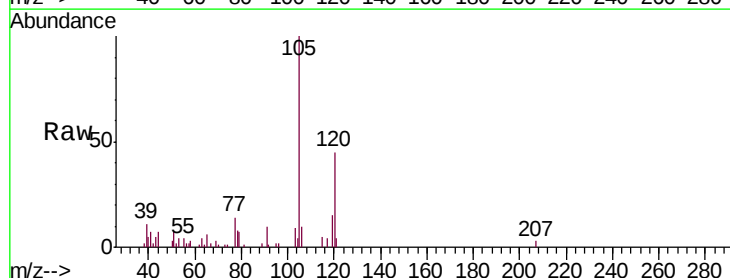
Instrument :
MSVOA_W
ClientSampleId :
SB-6-(2-2.5)

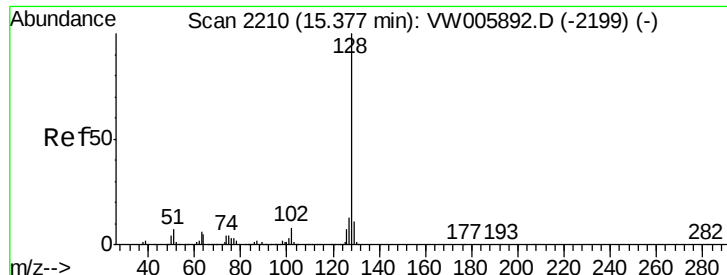
Tgt Ion: 75 Resp: 30766
Ion Ratio Lower Upper
75 100
53 0.0 76.5 114.7#
89 0.0 37.6 56.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.643 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW005916.D
Acq: 09 Oct 2018 02:20

Tgt Ion: 105 Resp: 7720
Ion Ratio Lower Upper
105 100
120 43.3 22.8 68.3





#95

Naphthalene

Concen: 286.789 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW005916.D

Acq: 09 Oct 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

SB-6-(2-2.5)

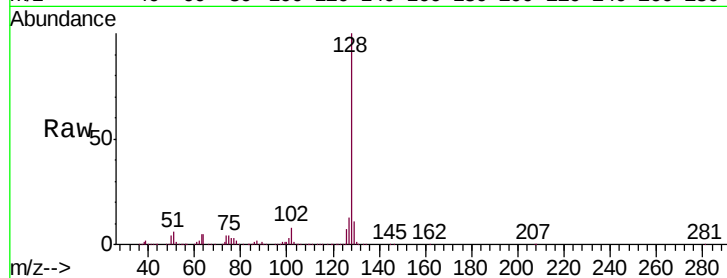
Tgt Ion:128 Resp: 883877

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

