

Data File : VW005905.D
Acq On : 08 Oct 2018 19:26
Operator : SY/AP
Sample : J5302-01
Misc : 5.15G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-TW-1-(16.5-17)

Quant Time: Oct 09 06:11:51 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	293332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	434193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	396353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	202049	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	86506	30.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.76%	
35) Dibromofluoromethane	7.89	113	88010	31.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.50%	
50) Toluene-d8	10.33	98	306379	28.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.46%	
62) 4-Bromofluorobenzene	12.62	95	120255	29.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.28%	

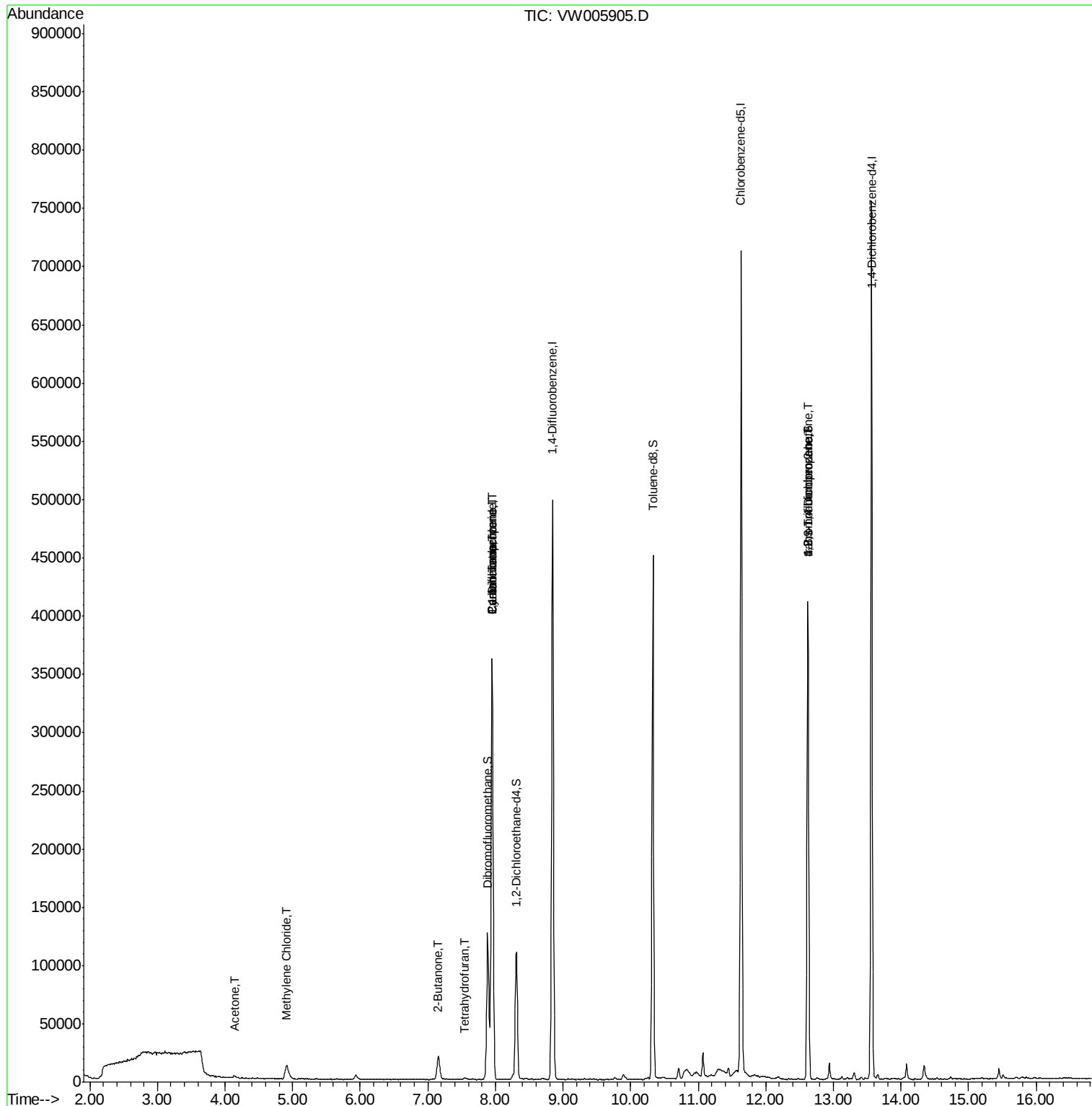
Target Compounds				Qvalue		
16) Acetone	4.14	43	3343	5.877	ug/l	97
20) Methylene Chloride	4.91	84	10839	3.804	ug/l	98
25) 2-Butanone	7.16	43	1275	1.576	ug/l	92
29) Tetrahydrofuran	7.55	42	1019	1.993	ug/l #	83
31) Cyclohexane	7.95	56	5959	1.195	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	19051	4.579	ug/l #	49
38) Carbon Tetrachloride	7.95	117	26180	5.857	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	62012	34.359	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	62012	72.535	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

Lab File: VW005905.D

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Instrument :

MSVOA_W

ClientSampleId :

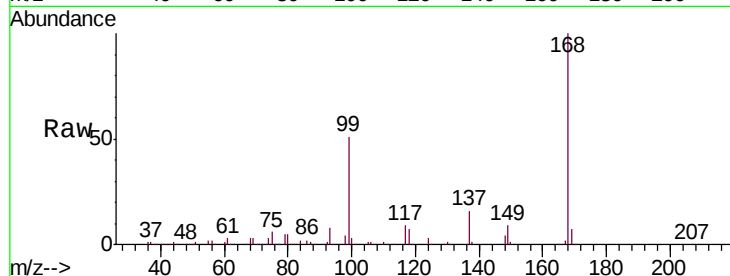
SB-TW-1-(16.5-17)

Tgt Ion:168 Resp: 293332

Ion Ratio Lower Upper

168 100

99 51.5 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

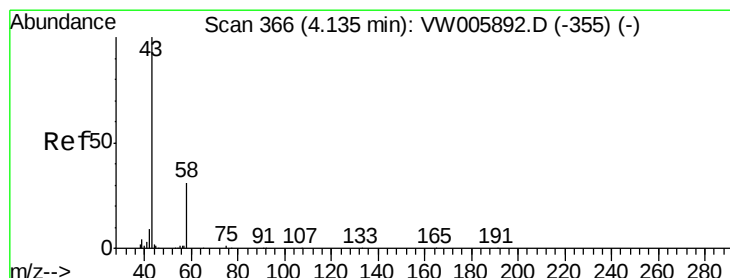
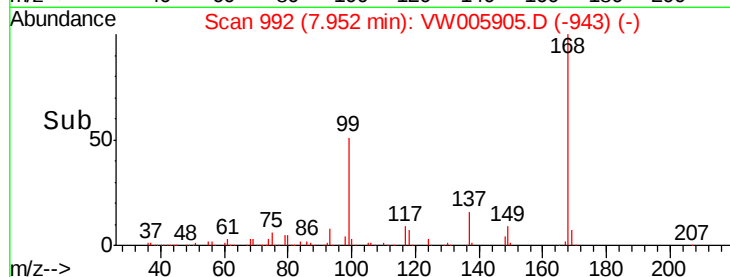
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 5.877 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005905.D

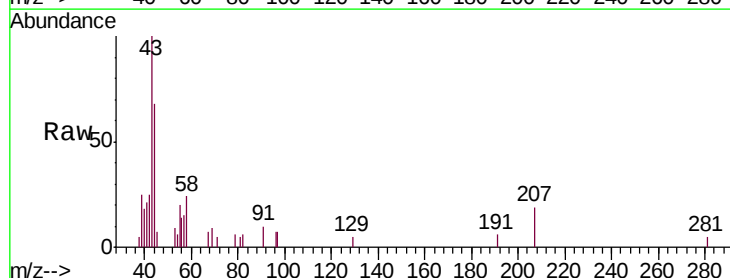
Acq: 08 Oct 2018 19:26

Tgt Ion: 43 Resp: 3343

Ion Ratio Lower Upper

43 100

58 29.4 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

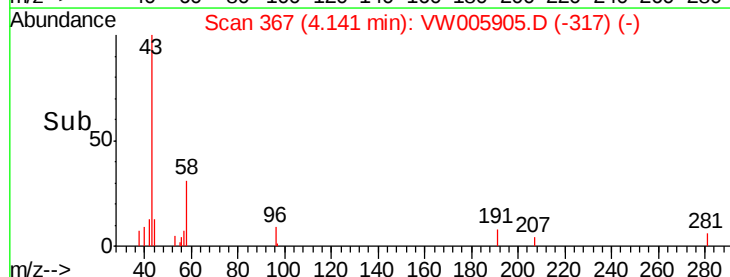
4.14

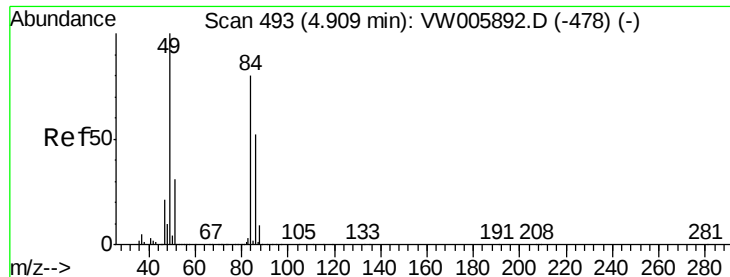
1000

500

0

Time--> 4.05 4.10 4.15 4.20

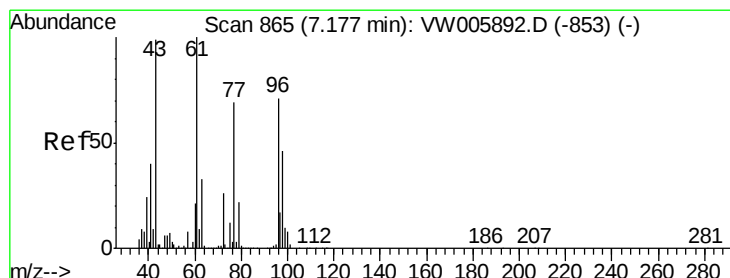
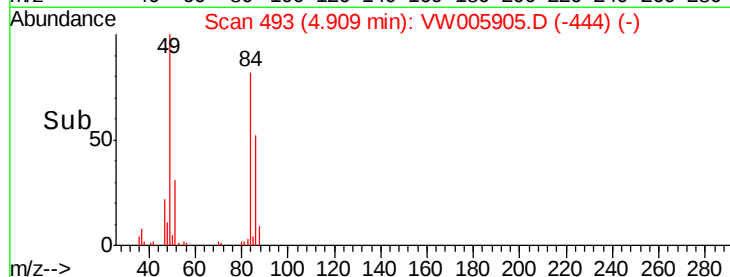
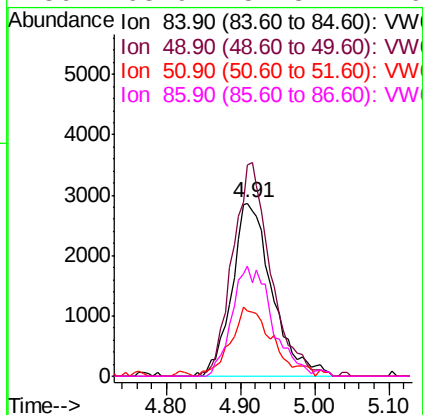
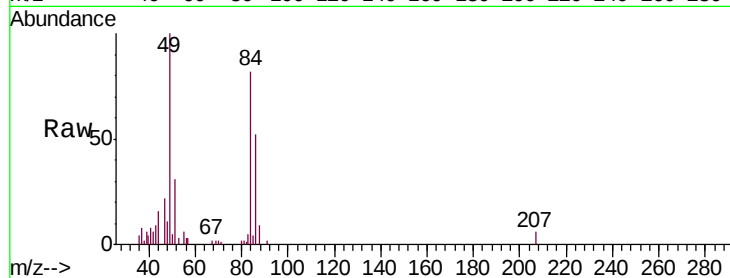




#20
Methylene Chloride
Concen: 3.804 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW005905.D
Acq: 08 Oct 2018 19:26

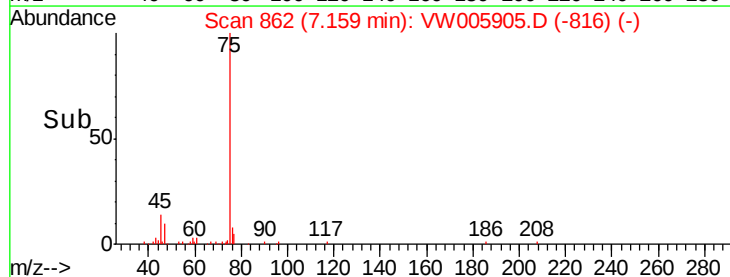
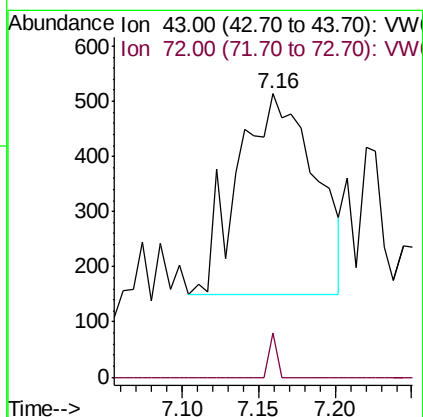
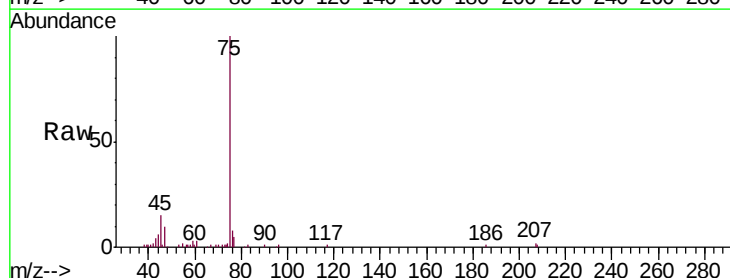
Instrument :
MSVOA_W
ClientSampleId :
SB-TW-1-(16.5-17)

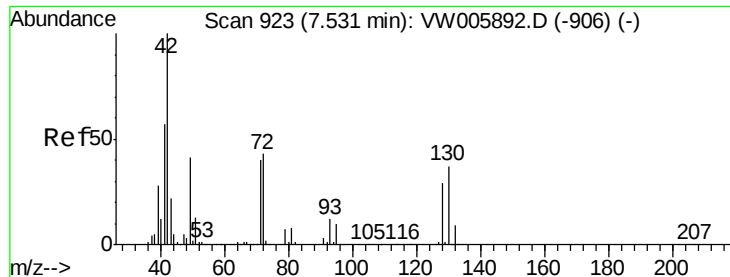
Tgt Ion:	84	Resp:	10839
Ion	Ratio	Lower	Upper
84	100		
49	122.3	99.9	149.9
51	37.6	31.1	46.7
86	63.9	51.8	77.6



#25
2-Butanone
Concen: 1.576 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: VW005905.D
Acq: 08 Oct 2018 19:26

Tgt Ion:	43	Resp:	1275
Ion	Ratio	Lower	Upper
43	100		
72	22.0	21.0	31.4

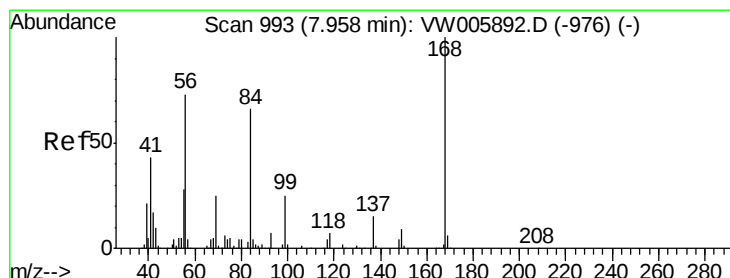
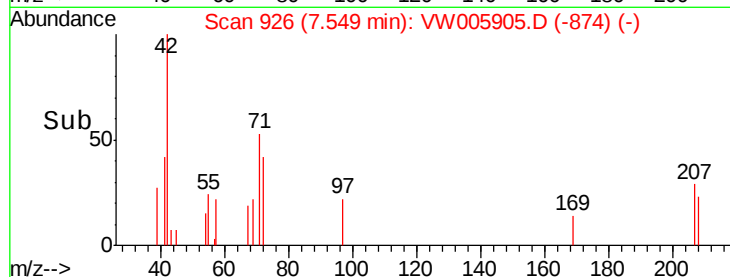
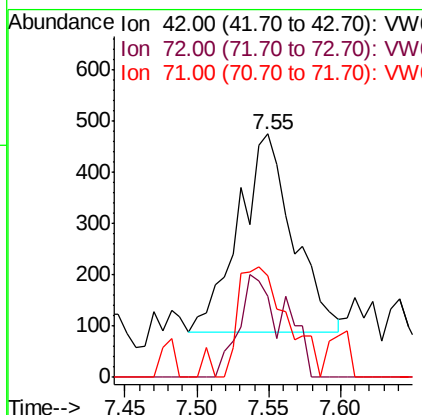
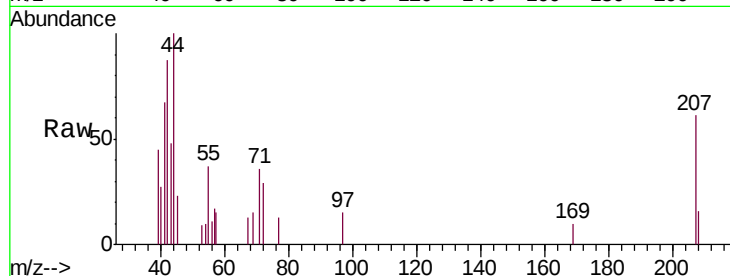




#29
Tetrahydrofuran
Concen: 1.993 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW005905.D
Acq: 08 Oct 2018 19:26

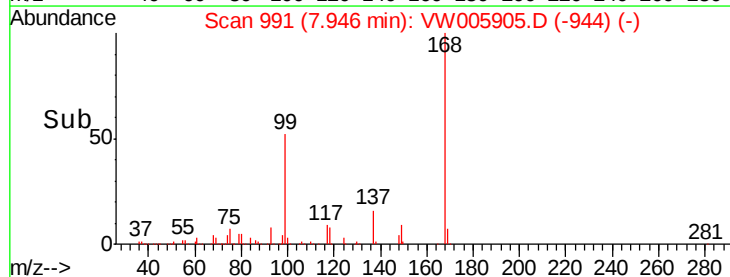
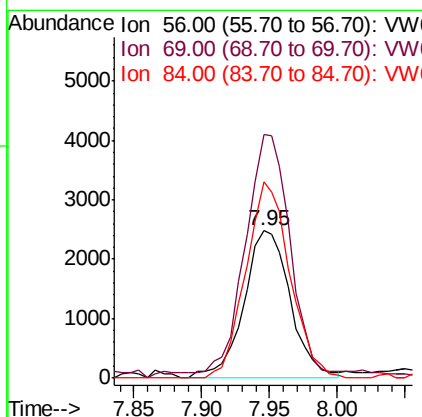
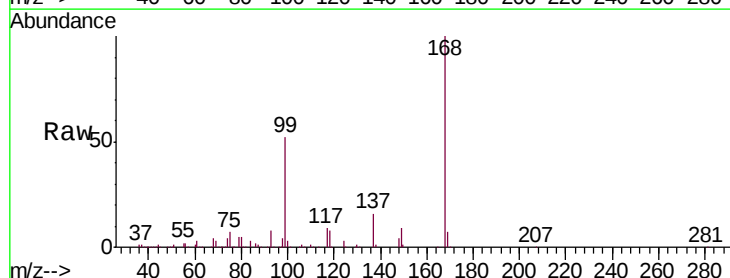
Instrument :
MSVOA_W
ClientSampleId :
SB-TW-1-(16.5-17)

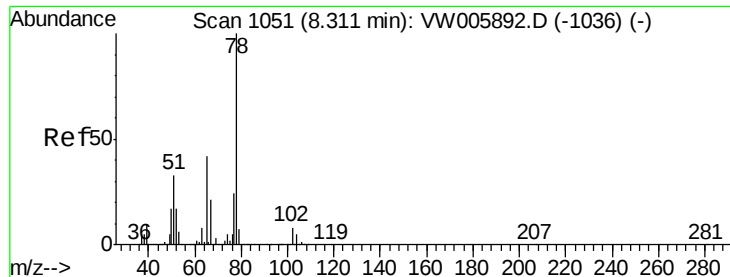
Tgt Ion: 42 Resp: 1019
Ion Ratio Lower Upper
42 100
72 30.2 34.6 51.8#
71 49.3 32.6 49.0#



#31
Cyclohexane
Concen: 1.195 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW005905.D
Acq: 08 Oct 2018 19:26

Tgt Ion: 56 Resp: 5959
Ion Ratio Lower Upper
56 100
69 161.2 27.9 41.9#
84 133.1 72.3 108.5#

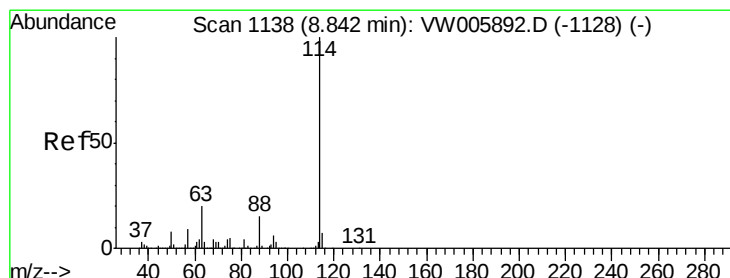
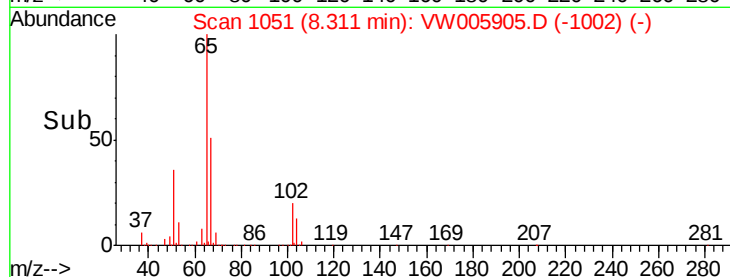
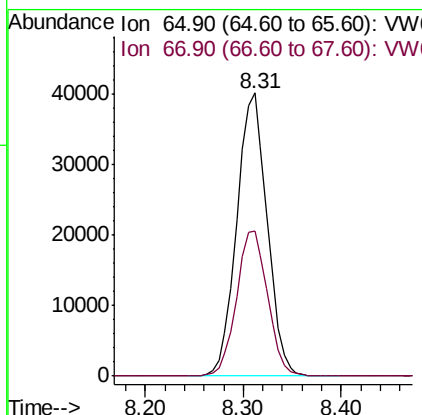
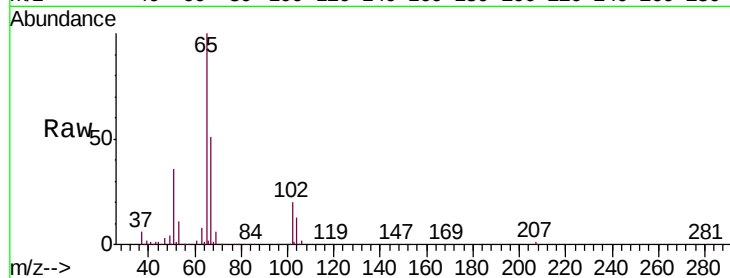




#33
 1,2-Dichloroethane-d4
 Concen: 30.379 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005905.D
 Acq: 08 Oct 2018 19:26

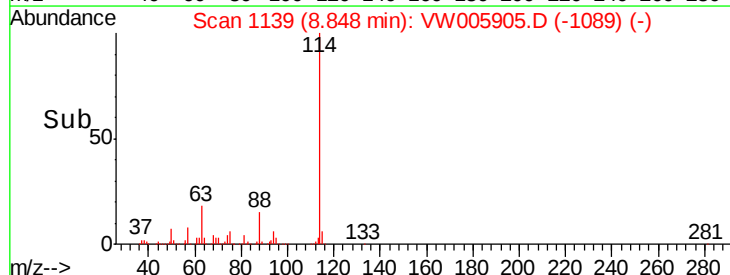
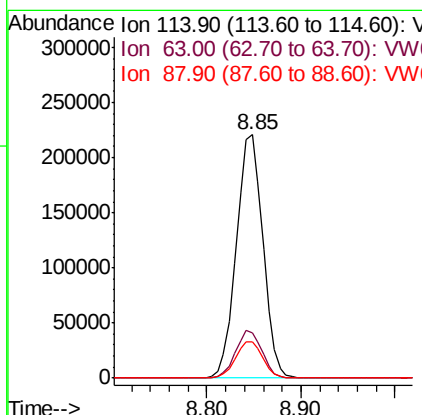
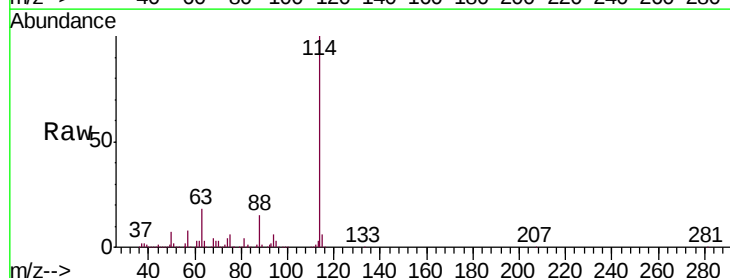
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-TW-1-(16.5-17)

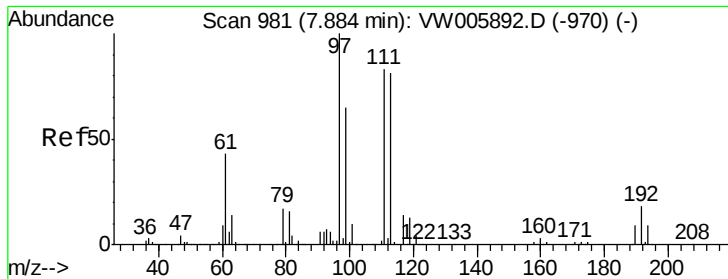
Tgt Ion: 65 Resp: 86506
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005905.D
 Acq: 08 Oct 2018 19:26

Tgt Ion: 114 Resp: 434193
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.2
 88 14.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 31.748 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005905.D

Acq: 08 Oct 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

SB-TW-1-(16.5-17)

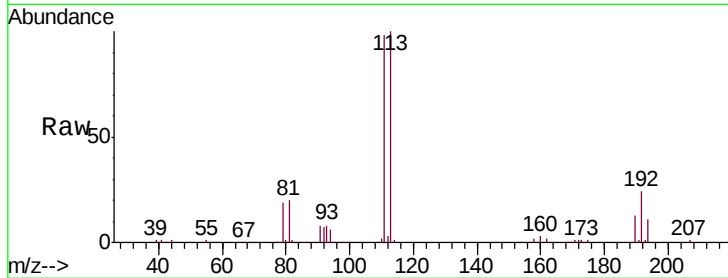
Tgt Ion:113 Resp: 88010

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

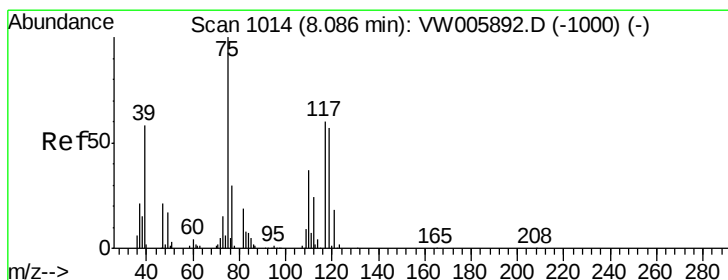
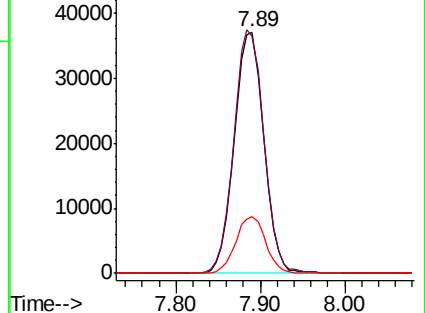
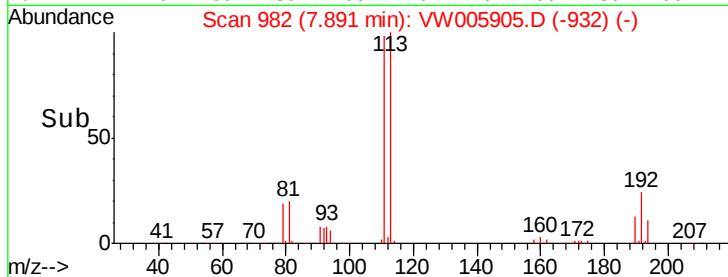
192 23.5 18.3 27.5



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: 4.579 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW005905.D

Acq: 08 Oct 2018 19:26

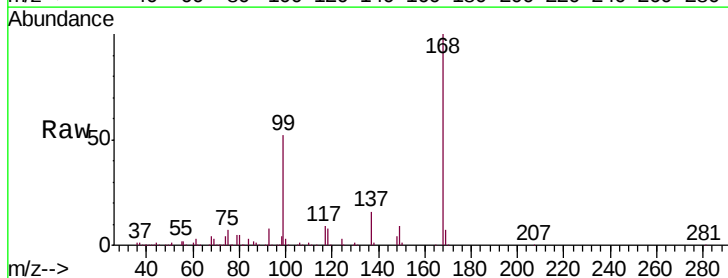
Tgt Ion: 75 Resp: 19051

Ion Ratio Lower Upper

75 100

110 9.4 18.6 56.0#

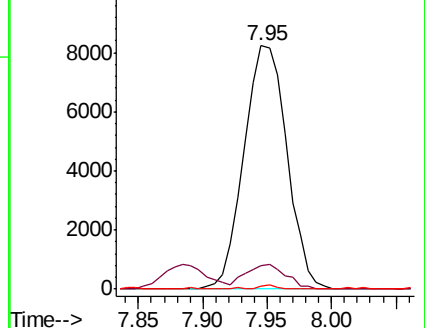
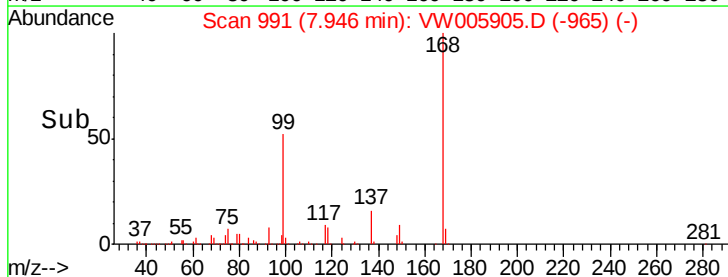
77 0.6 24.7 37.1#

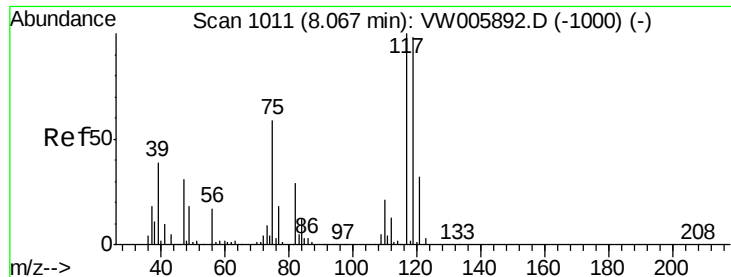


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.857 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005905.D

Acq: 08 Oct 2018 19:26

Instrument :

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ClientSampleId :

SB-TW-1-(16.5-17)

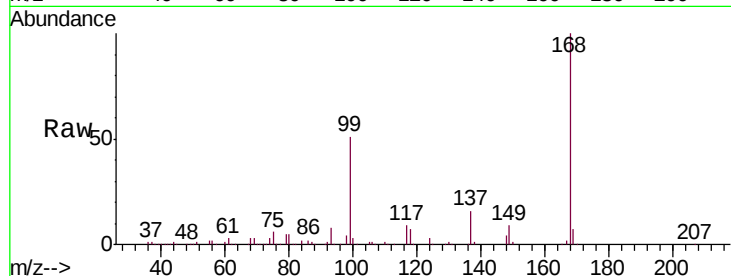
Tgt Ion:117 Resp: 26180

Ion Ratio Lower Upper

117 100

119 4.3 78.6 117.8#

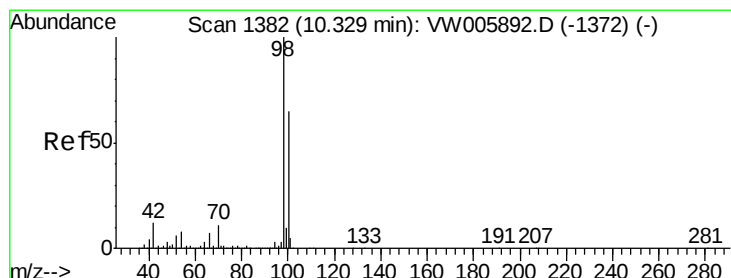
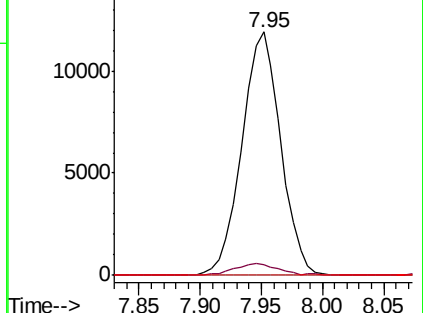
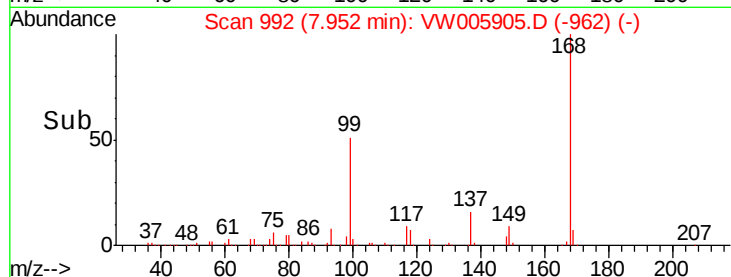
121 0.0 25.3 37.9#



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: 28.726 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005905.D

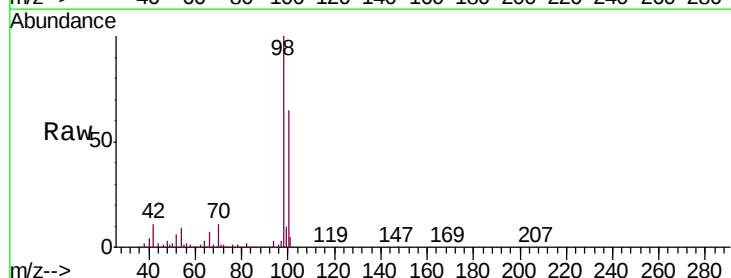
Acq: 08 Oct 2018 19:26

Tgt Ion: 98 Resp: 306379

Ion Ratio Lower Upper

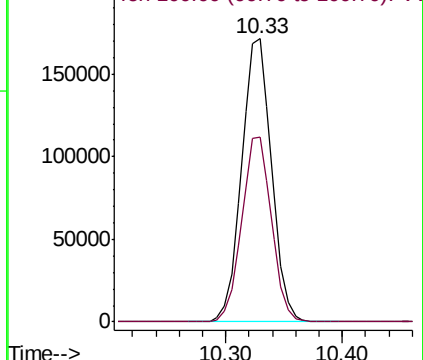
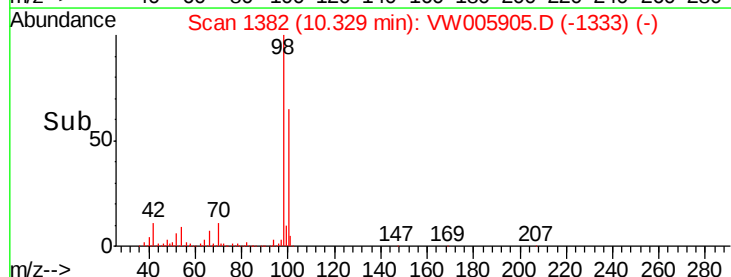
98 100

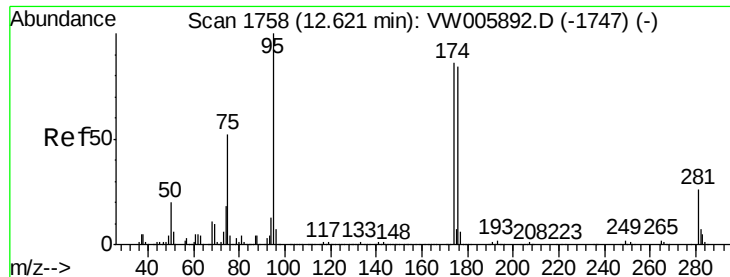
100 65.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 29.635 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005905.D

Acq: 08 Oct 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

SB-TW-1-(16.5-17)

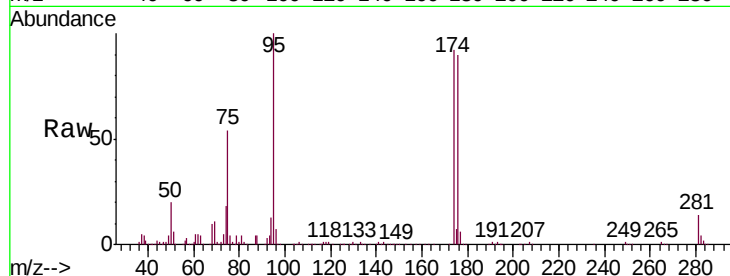
Tgt Ion: 95 Resp: 120255

Ion Ratio Lower Upper

95 100

174 93.0 0.0 176.4

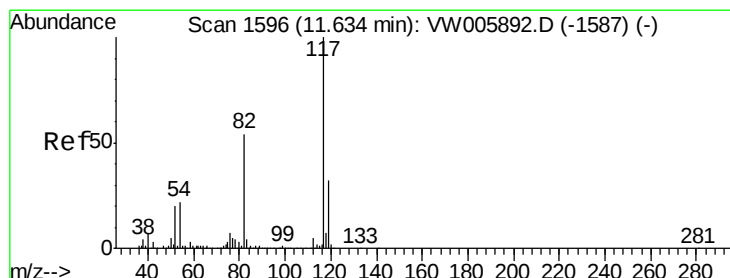
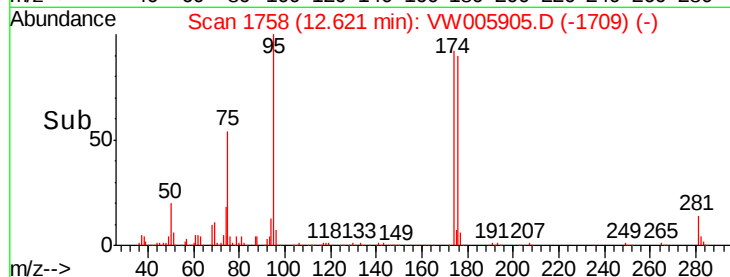
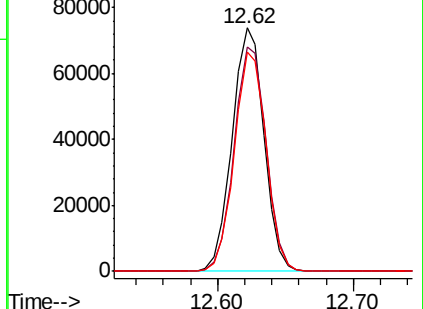
176 89.8 0.0 173.0



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: VW005905.D

Acq: 08 Oct 2018 19:26

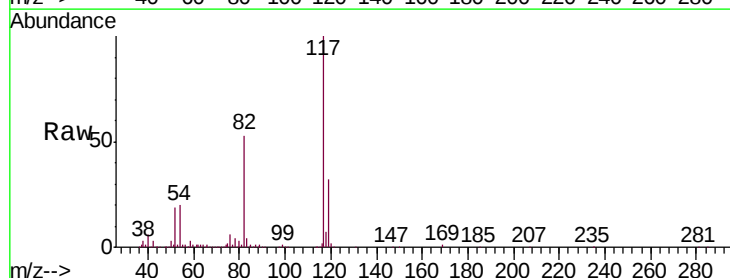
Tgt Ion: 117 Resp: 396353

Ion Ratio Lower Upper

117 100

82 52.7 43.5 65.3

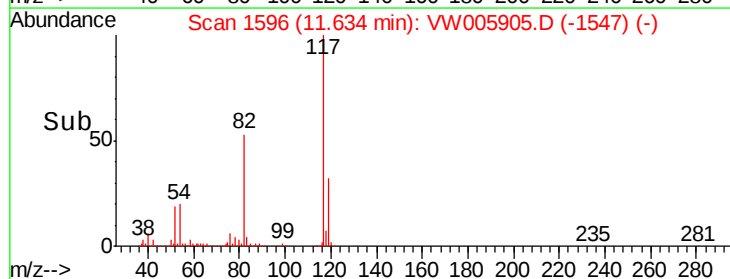
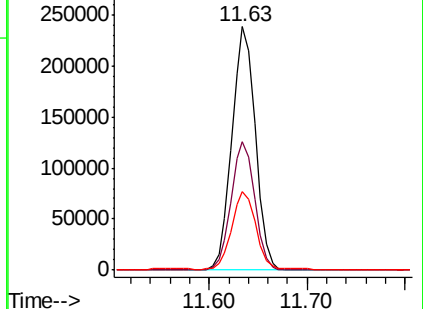
119 32.2 25.4 38.2

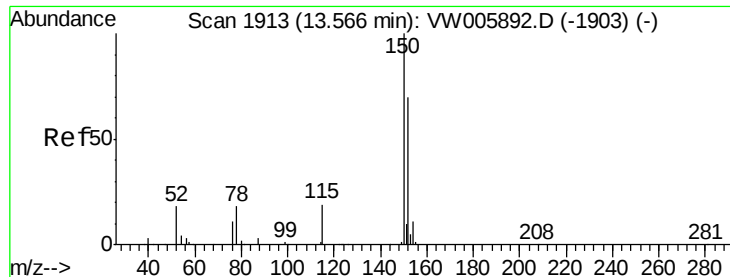


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



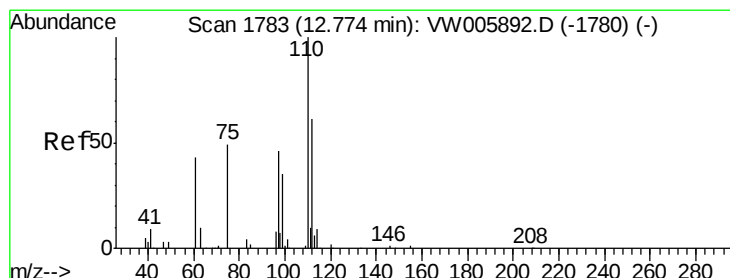
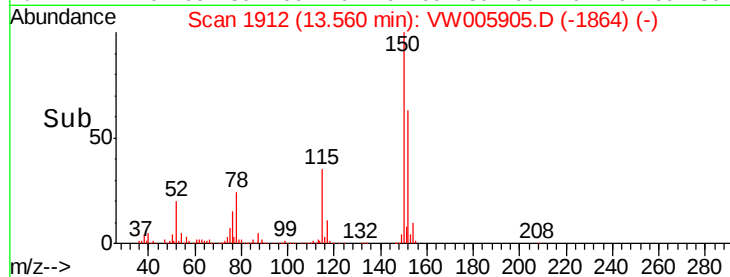
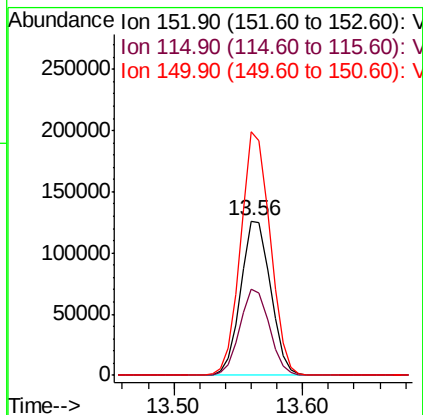
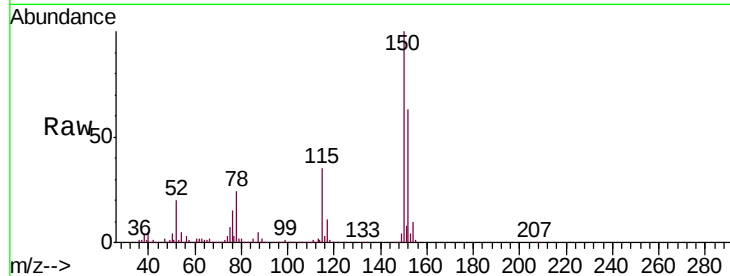


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW005905.D
Acq: 08 Oct 2018 19:26

Instrument :
MSVOA_W
ClientSampleId :
SB-TW-1-(16.5-17)

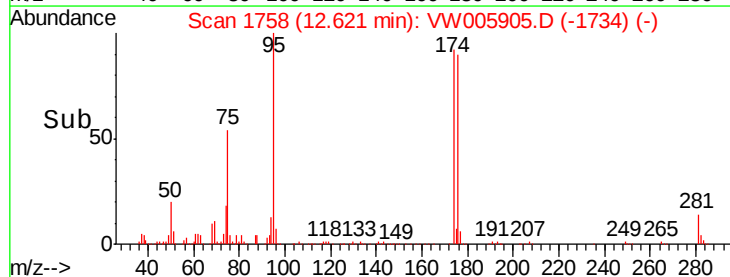
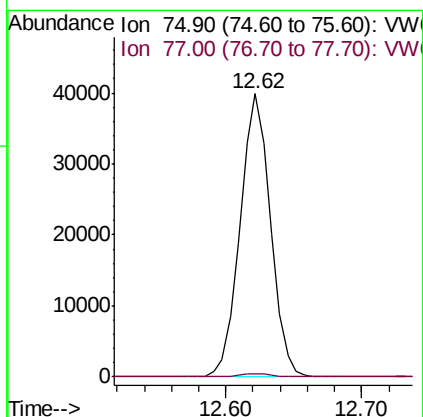
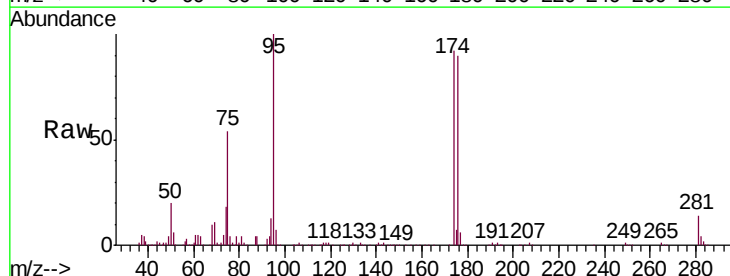
Tgt Ion: 152 Resp: 202049
Ion Ratio Lower Upper
152 100
115 55.4 28.3 85.0
150 155.8 0.0 349.2

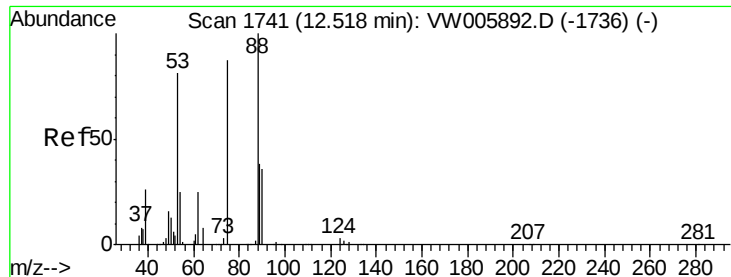


#76

1,2,3-Trichloropropane
Concen: 34.359 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005905.D
Acq: 08 Oct 2018 19:26

Tgt Ion: 75 Resp: 62012
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 72.535 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005905.D

Acq: 08 Oct 2018 19:26

Instrument :

MSVOA_W

ClientSampleId :

SB-TW-1-(16.5-17)

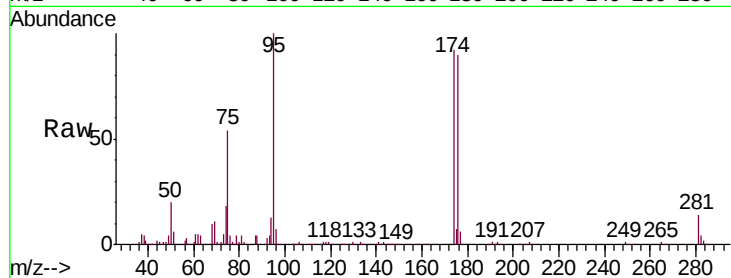
Tgt Ion: 75 Resp: 62012

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

