

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006721.D
 Acq On : 07 Nov 2018 08:04
 Operator : SY/AP
 Sample : J5826-07
 Misc : 5.97G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2

Quant Time: Nov 07 11:34:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	387061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	348349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	160022	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	116716	53.88	ug/l	0.00
Spiked Amount			Recovery	=	107.76%	
35) Dibromofluoromethane	7.88	113	117454	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	
50) Toluene-d8	10.32	98	426110	46.08	ug/l	0.00
Spiked Amount			Recovery	=	92.16%	
62) 4-Bromofluorobenzene	12.62	95	133571	39.84	ug/l	0.00
Spiked Amount			Recovery	=	79.68%	

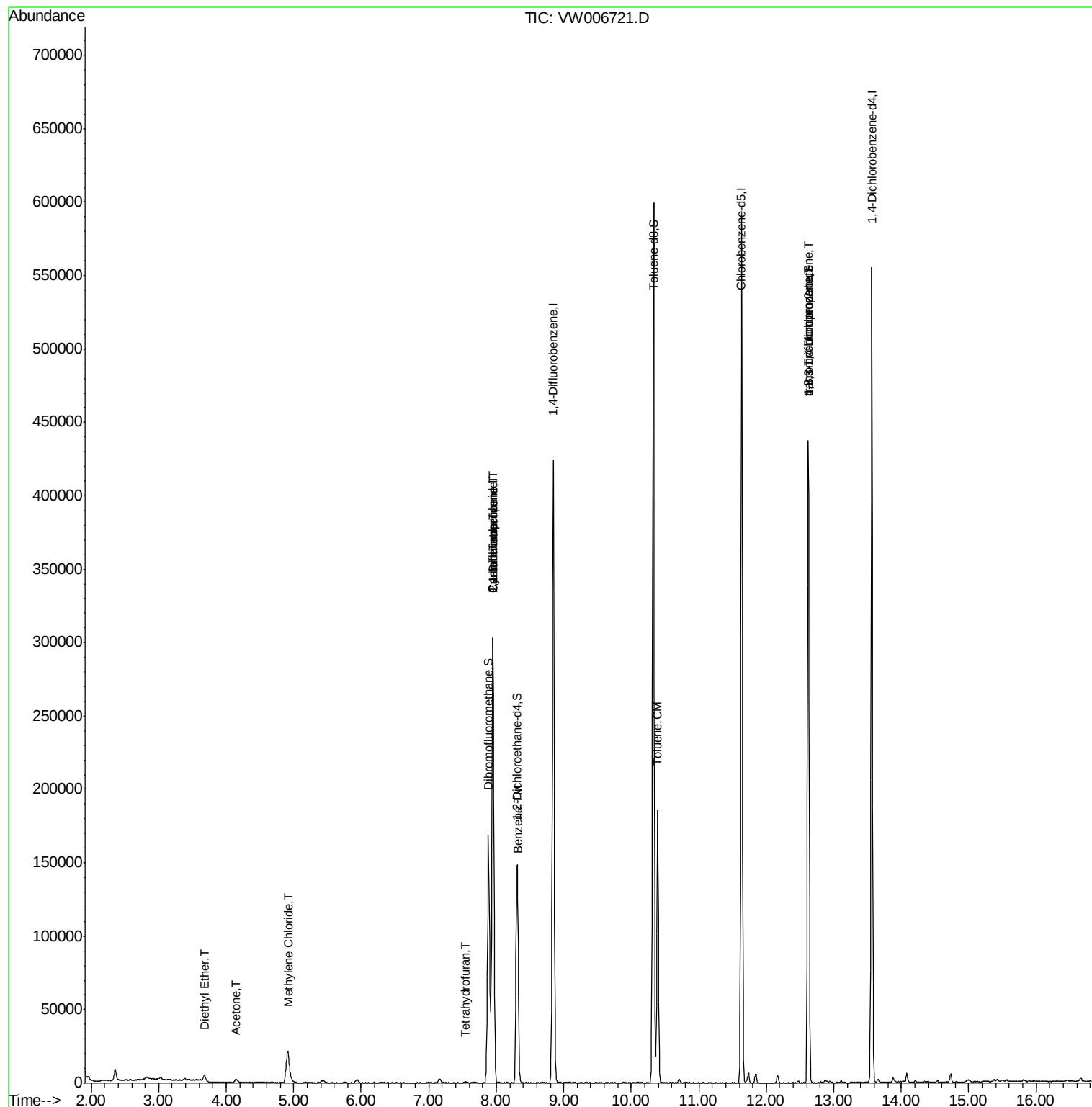
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	3039	2.789	ug/l	85
16) Acetone	4.14	43	4676	13.370	ug/l #	84
20) Methylene Chloride	4.92	84	20322	3.399	ug/l	93
29) Tetrahydrofuran	7.55	42	492	1.567	ug/l #	78
31) Cyclohexane	7.95	56	4357	1.263	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	15247	4.479	ug/l #	48
38) Carbon Tetrachloride	7.95	117	22123	6.220	ug/l #	17
40) Benzene	8.32	78	10307	1.066	ug/l	98
52) Toluene	10.39	92	80490	12.413	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	64872	51.958	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	64872	130.058	ug/l #	11

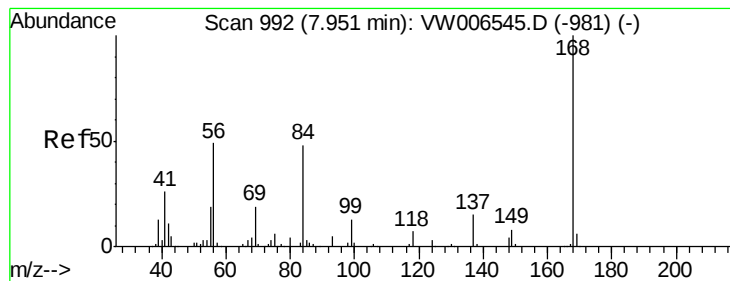
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110618\
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Quant Title : SW846 8260
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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: VW006721.D

Acq: 07 Nov 2018 08:04

Instrument :

MSVOA_W

ClientSampled :

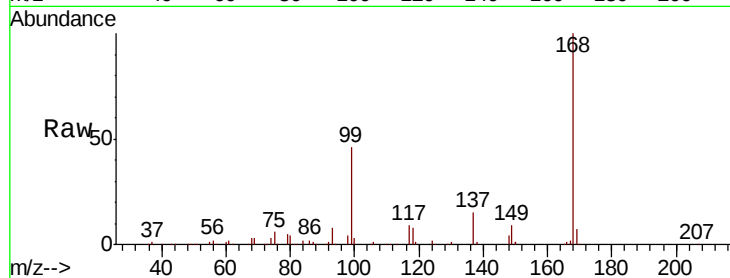
SB-2

Tot Ion:168 Resp: 252006

Ion Ratio Lower Upper

168 100

99 46.1 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

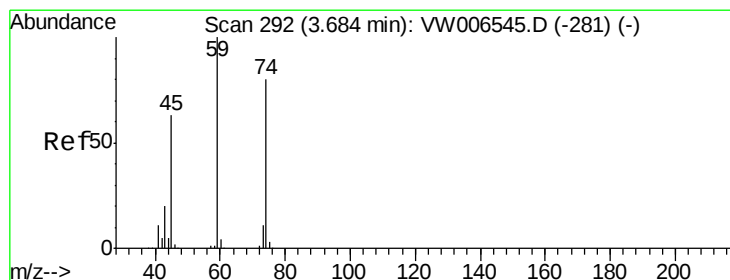
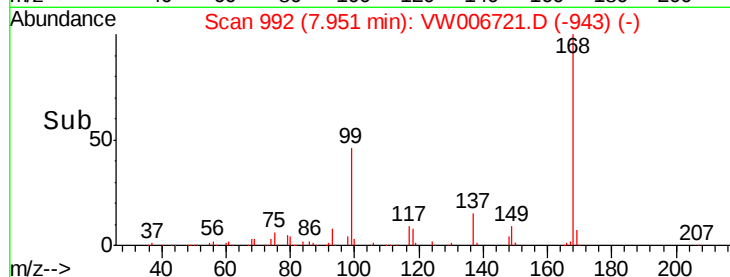
7.95

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.789 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006721.D

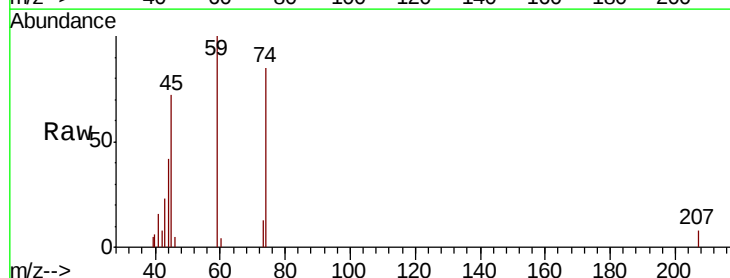
Acq: 07 Nov 2018 08:04

Tgt Ion: 74 Resp: 3039

Ion Ratio Lower Upper

74 100

45 95.8 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

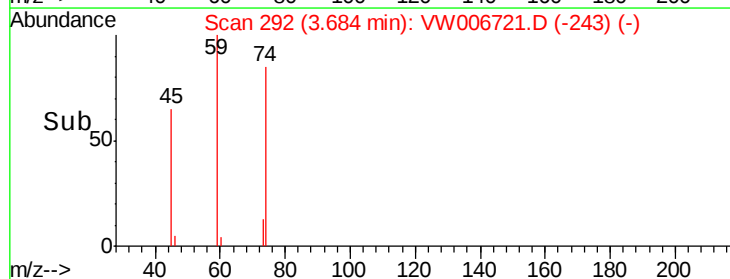
3.68

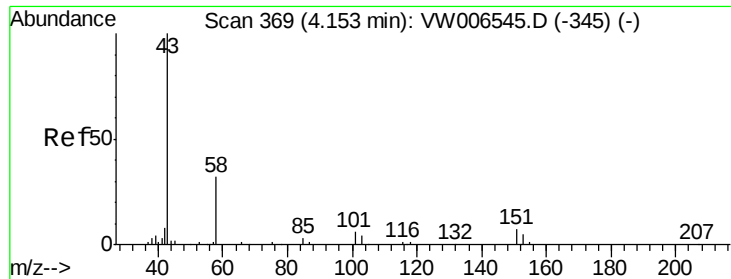
1000

500

0

Time-->

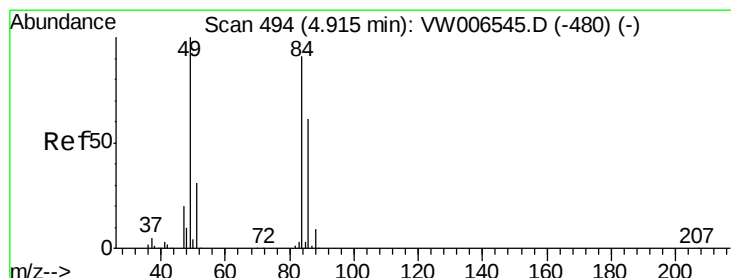
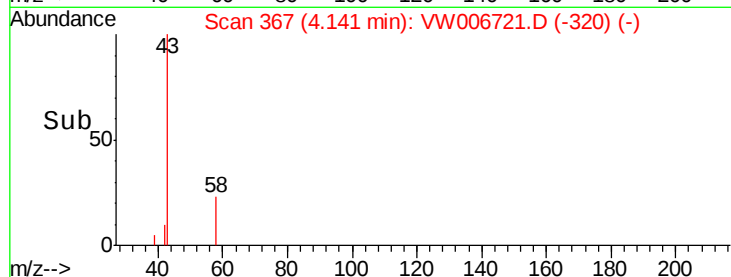
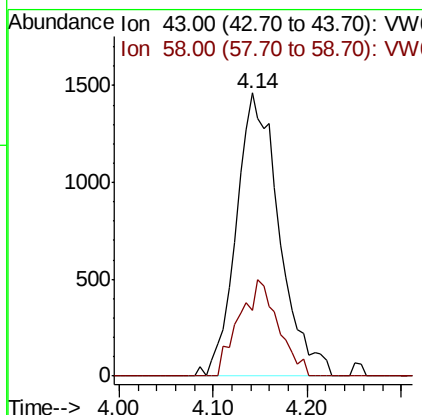
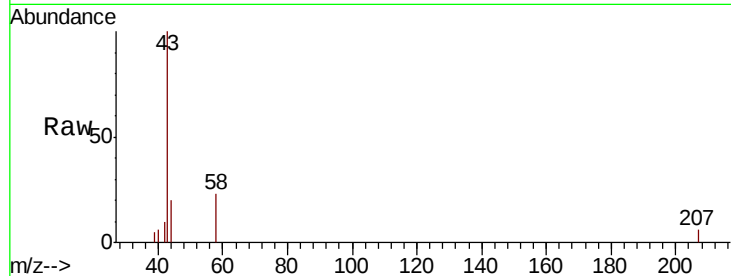




#16
Acetone
Concen: 13.370 ug/l
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW006721.D
Acq: 07 Nov 2018 08:04

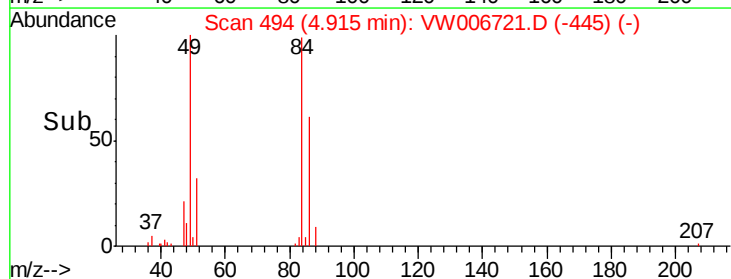
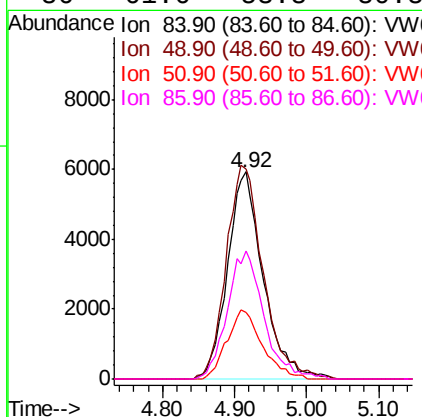
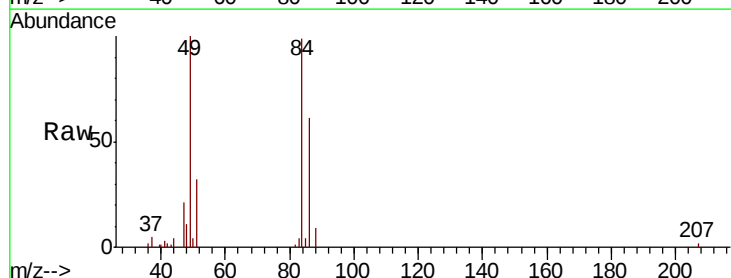
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MSVOA_W
ClientSampleId :
SB-2

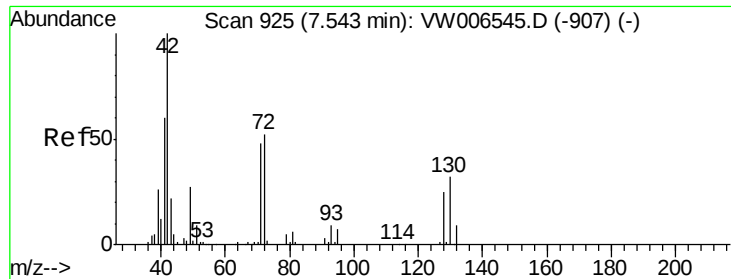
Tot Ion: 43 Resp: 4676
Ion Ratio Lower Upper
43 100
58 23.1 25.8 38.8#



#20
Methylene Chloride
Concen: 3.399 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006721.D
Acq: 07 Nov 2018 08:04

Tgt Ion: 84 Resp: 20322
Ion Ratio Lower Upper
84 100
49 101.4 88.2 132.4
51 32.0 27.0 40.6
86 61.6 53.8 80.8

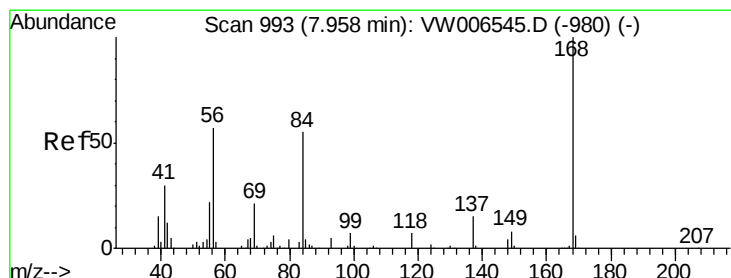
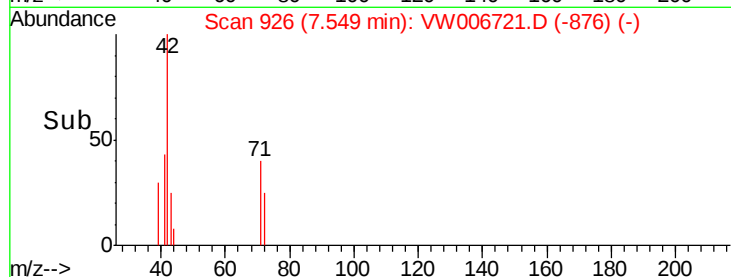
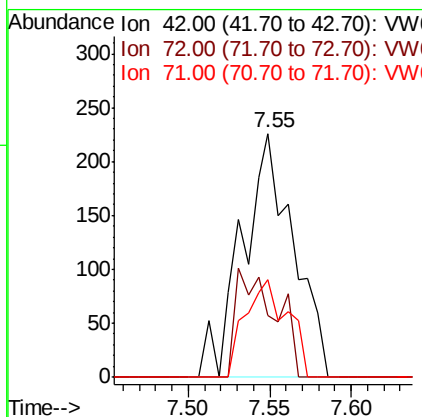
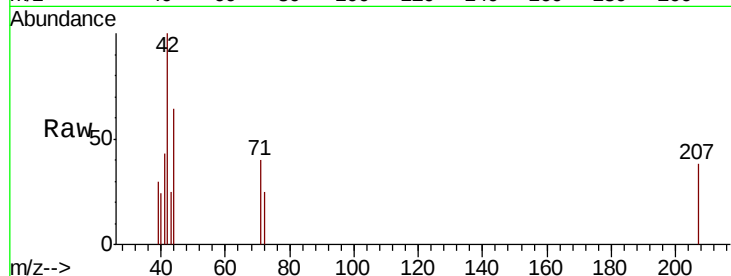




#29
Tetrahydrofuran
Concen: 1.567 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.01 min
Lab File: VW006721.D
Acq: 07 Nov 2018 08:04

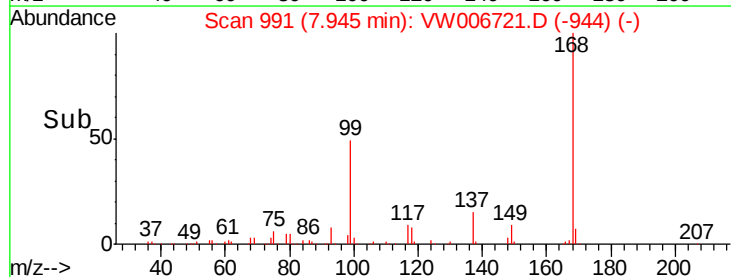
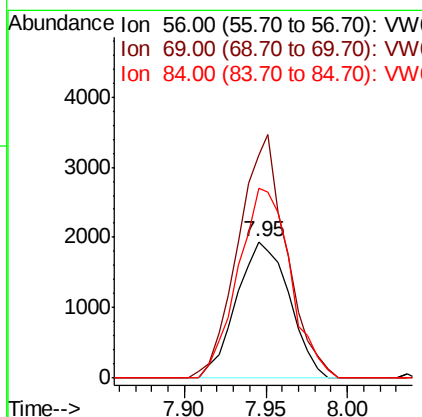
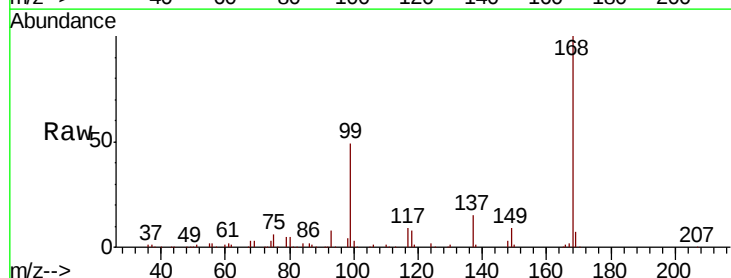
Instrument :
MSVOA_W
ClientSampleId :
SB-2

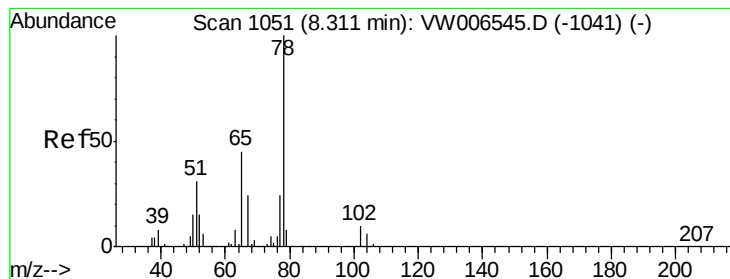
Tot Ion: 42 Resp: 492
Ion Ratio Lower Upper
42 100
72 33.7 39.2 58.8#
71 33.1 37.6 56.4#



#31
Cyclohexane
Concen: 1.263 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006721.D
Acq: 07 Nov 2018 08:04

Tgt Ion: 56 Resp: 4357
Ion Ratio Lower Upper
56 100
69 163.3 29.0 43.4#
84 139.7 77.8 116.6#





#33

1,2-Dichloroethane-d4

Concen: 53.880 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006721.D

Acq: 07 Nov 2018 08:04

Instrument :

MSVOA_W

ClientSampleId :

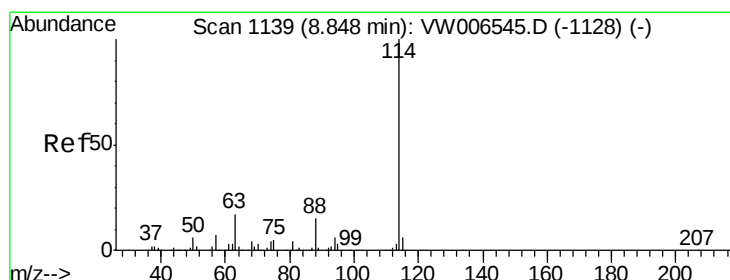
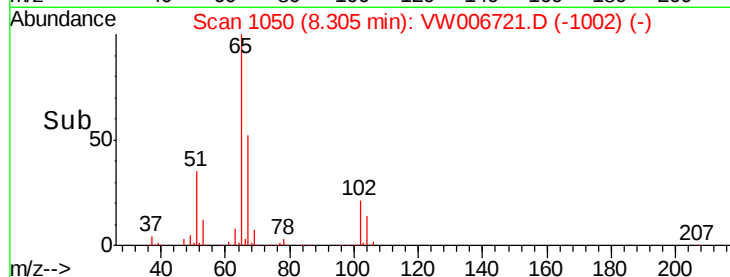
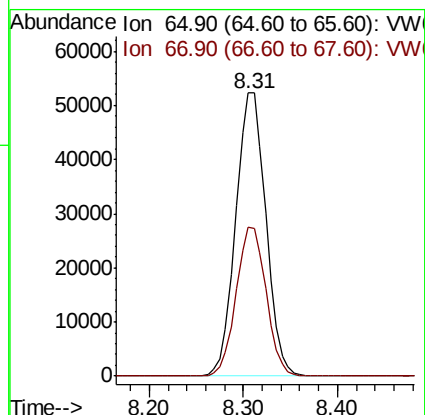
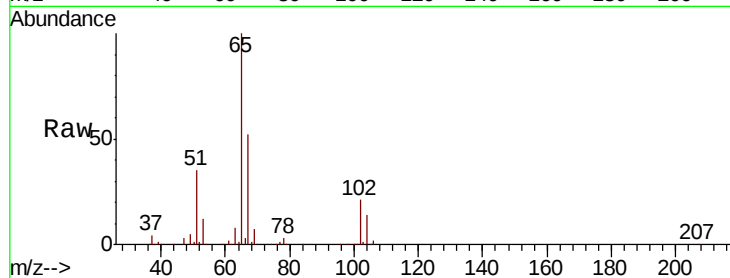
SB-2

Tot Ion: 65 Resp: 116716

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006721.D

Acq: 07 Nov 2018 08:04

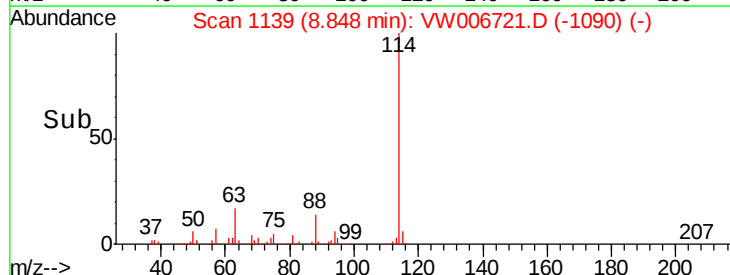
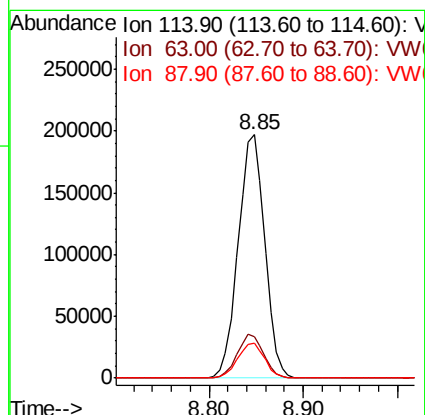
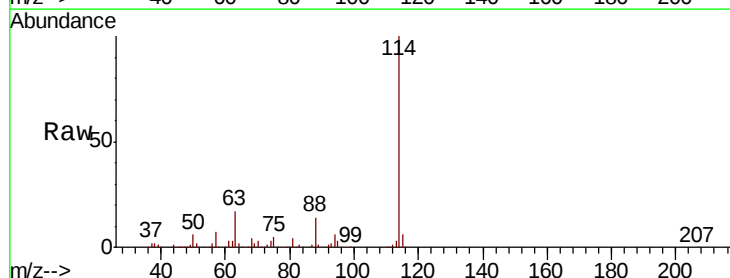
Tgt Ion: 114 Resp: 387061

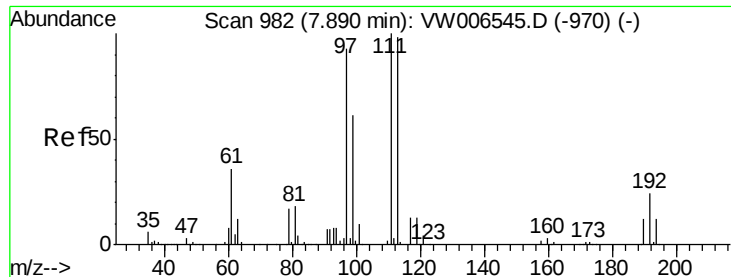
Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.4

88 14.4 0.0 29.0

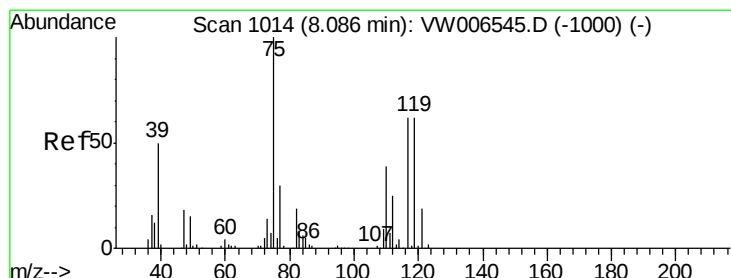
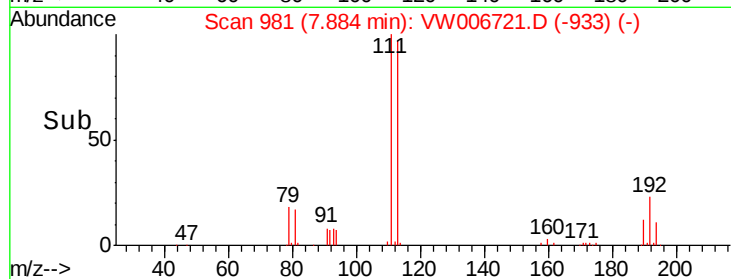
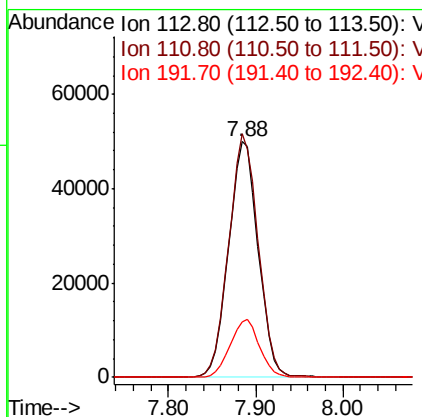
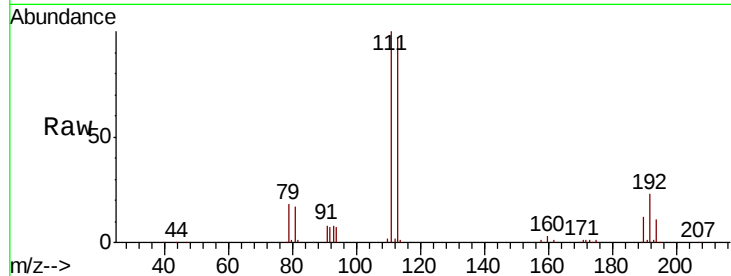




#35
 Dibromofluoromethane
 Concen: 48.353 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006721.D
 Acq: 07 Nov 2018 08:04

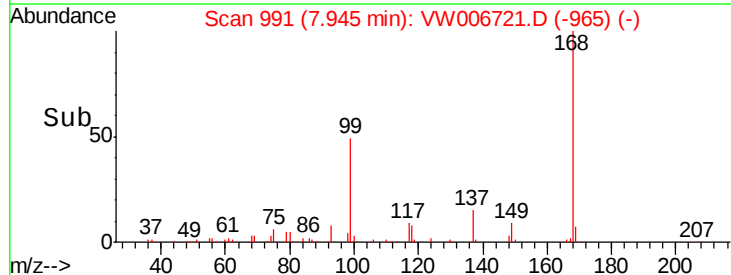
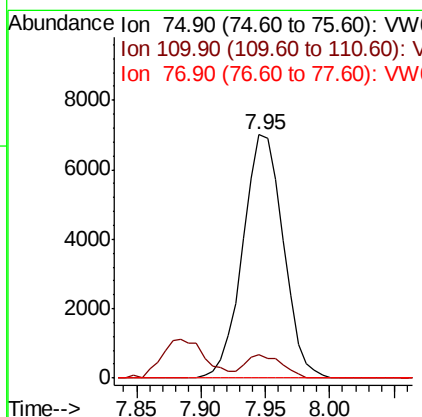
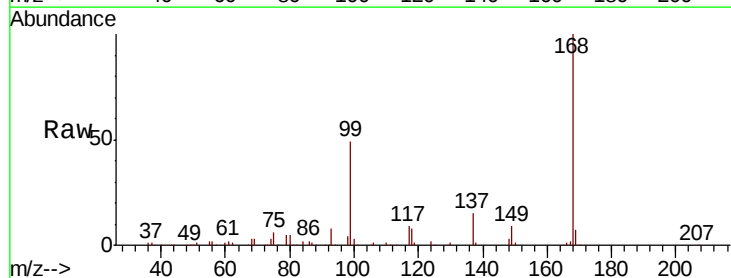
Instrument :
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 SB-2

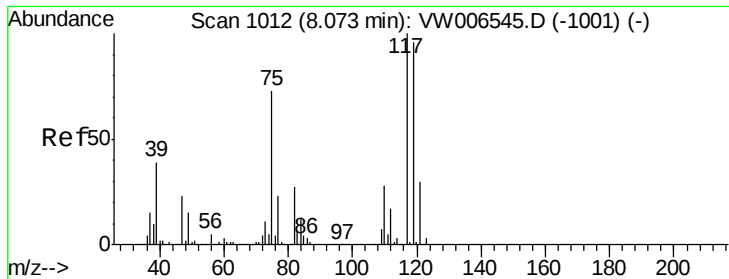
Tot Ion:113 Resp: 117454
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.2
 192 24.3 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.479 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006721.D
 Acq: 07 Nov 2018 08:04

Tgt Ion: 75 Resp: 15247
 Ion Ratio Lower Upper
 75 100
 110 8.9 19.5 58.5#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.220 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006721.D

Acq: 07 Nov 2018 08:04

Instrument :

MSVOA_W

ClientSampleId :

SB-2

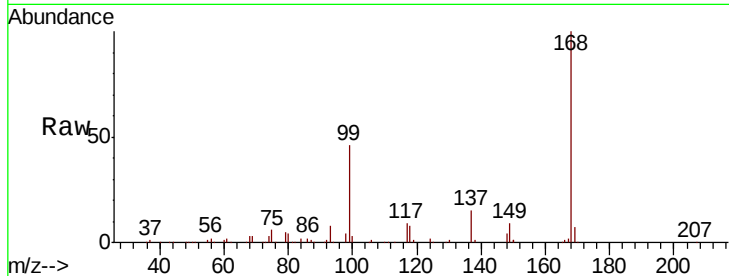
Tot Ion:117 Resp: 22123

Ion Ratio Lower Upper

117 100

119 6.3 76.3 114.5#

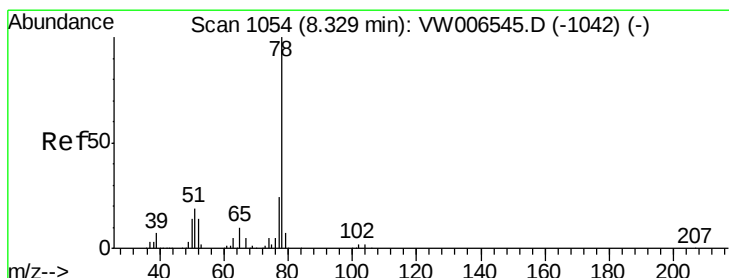
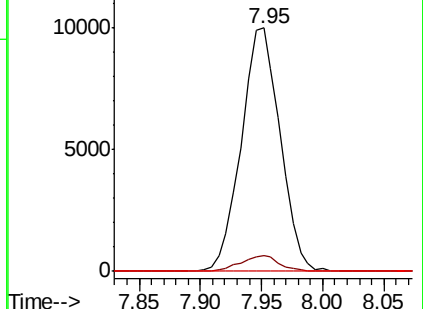
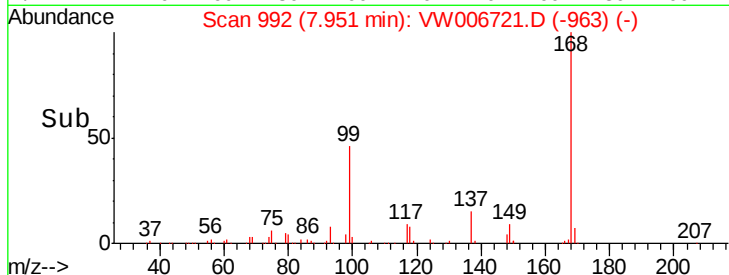
121 0.0 24.1 36.1#



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



#40

Benzene

Concen: 1.066 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW006721.D

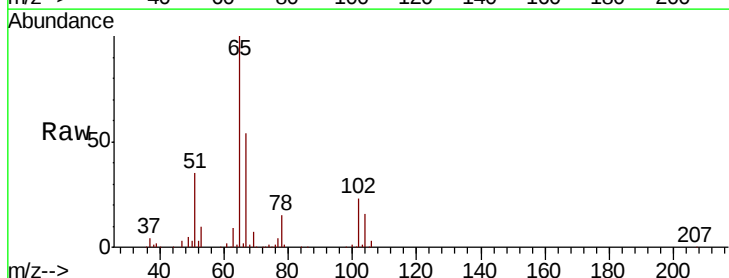
Acq: 07 Nov 2018 08:04

Tgt Ion: 78 Resp: 10307

Ion Ratio Lower Upper

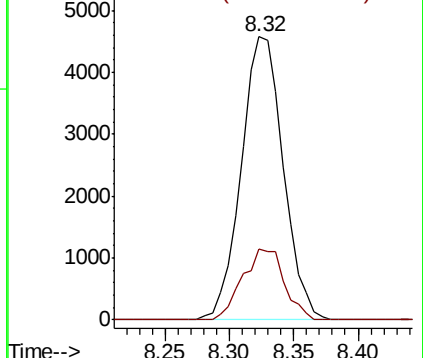
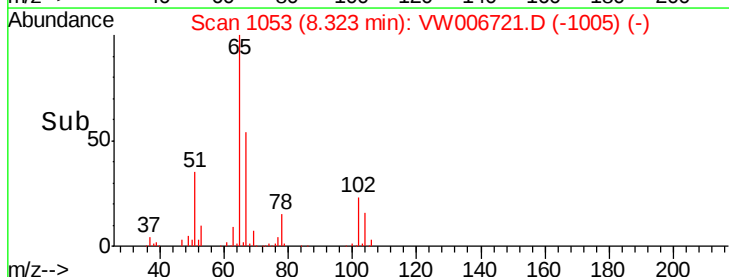
78 100

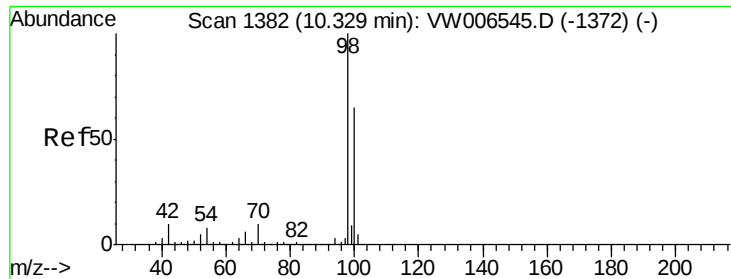
77 25.1 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

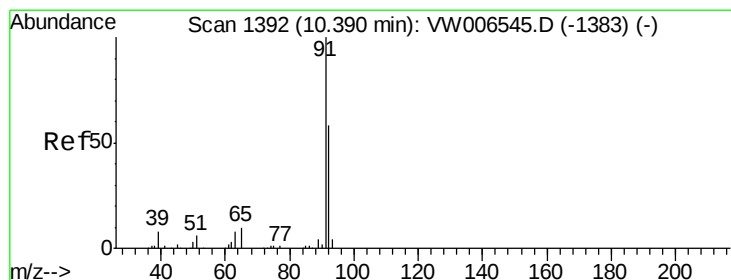
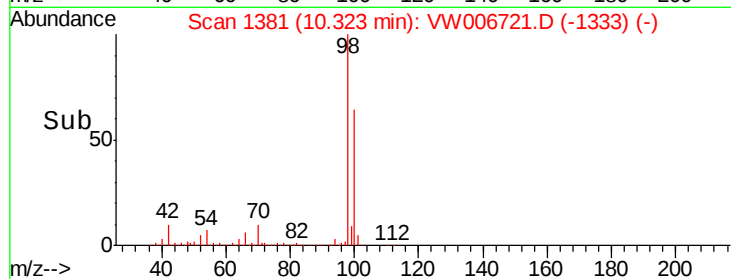
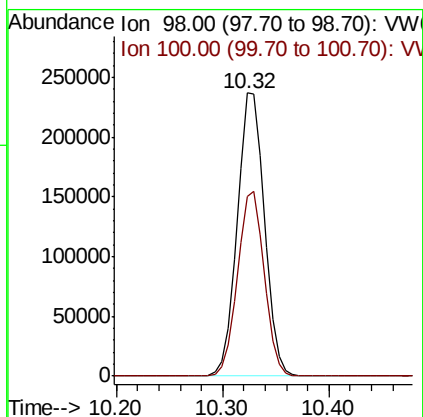
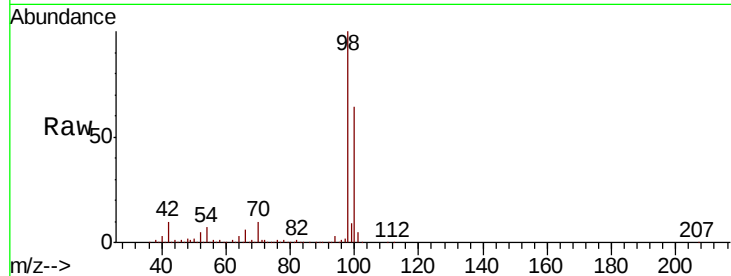




#50
Toluene-d8
Concen: 46.080 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006721.D
Acq: 07 Nov 2018 08:04

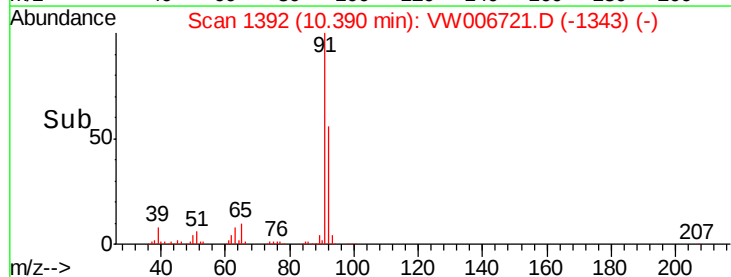
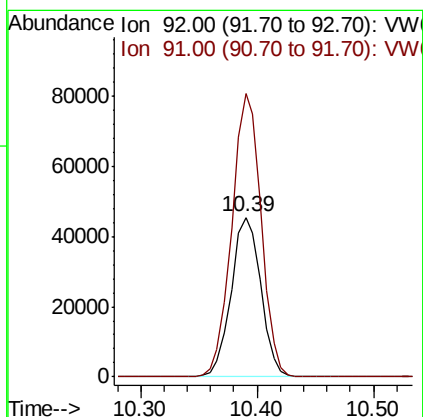
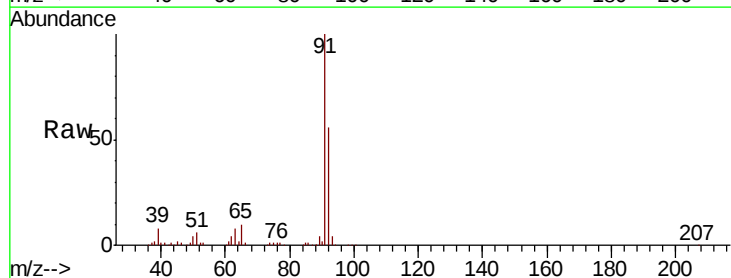
Instrument :
MSVOA_W
ClientSampled :
SB-2

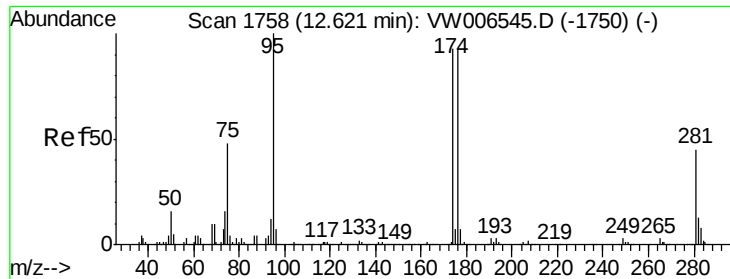
Tot Ion: 98 Resp: 426110
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#52
Toluene
Concen: 12.413 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006721.D
Acq: 07 Nov 2018 08:04

Tgt Ion: 92 Resp: 80490
Ion Ratio Lower Upper
92 100
91 175.7 138.6 208.0





#62

4-Bromofluorobenzene

Concen: 39.843 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006721.D

Acq: 07 Nov 2018 08:04

Instrument :

MSVOA_W

ClientSampled :

SB-2

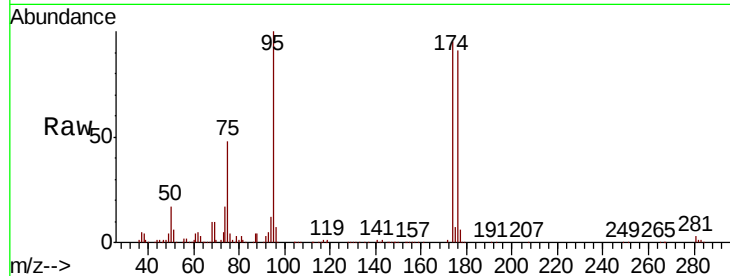
Tot Ion: 95 Resp: 133571

Ion Ratio Lower Upper

95 100

174 99.7 0.0 192.4

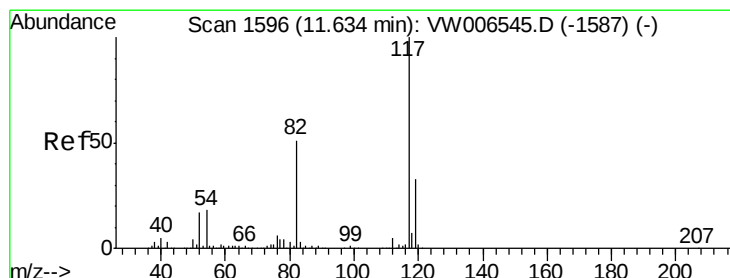
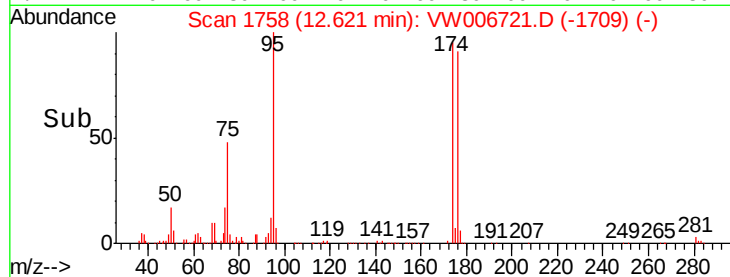
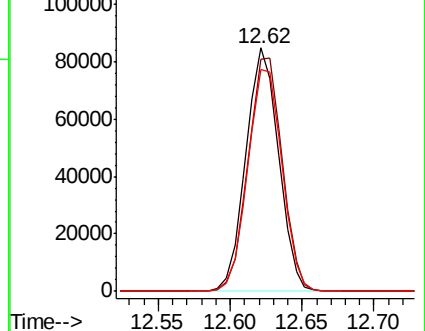
176 95.3 0.0 187.4



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: VW006721.D

Acq: 07 Nov 2018 08:04

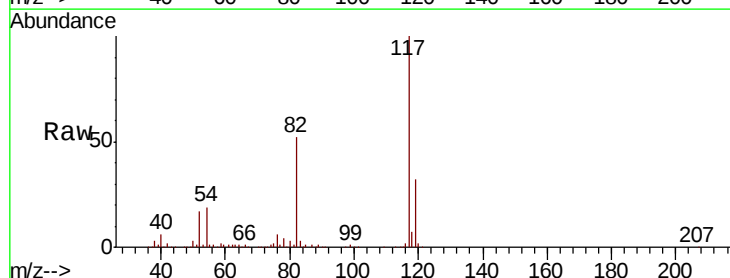
Tgt Ion: 117 Resp: 348349

Ion Ratio Lower Upper

117 100

82 51.7 40.8 61.2

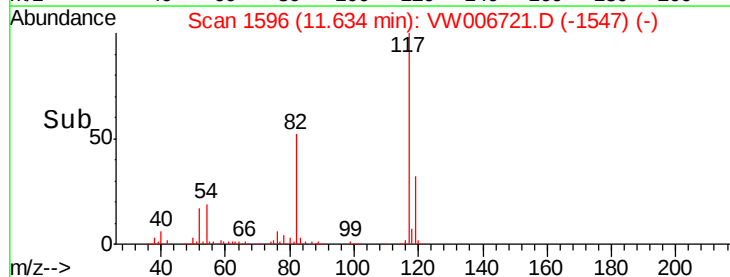
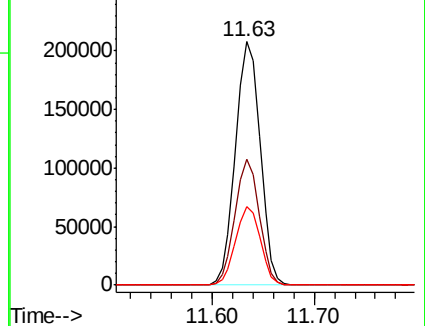
119 32.4 26.1 39.1

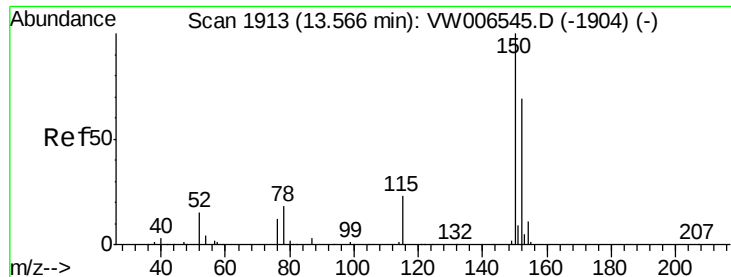


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW006721.D

Acq: 07 Nov 2018 08:04

Instrument :

MSVOA_W

ClientSampleId :

SB-2

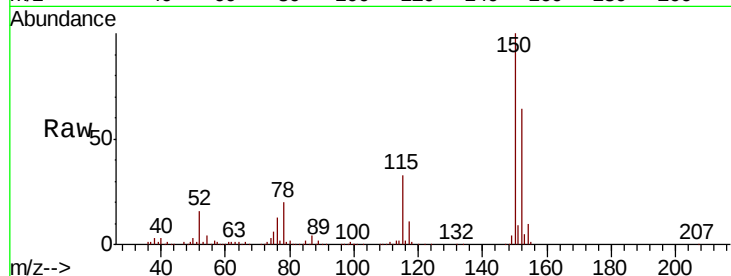
Tot Ion:152 Resp: 160022

Ion Ratio Lower Upper

152 100

115 52.6 26.6 79.8

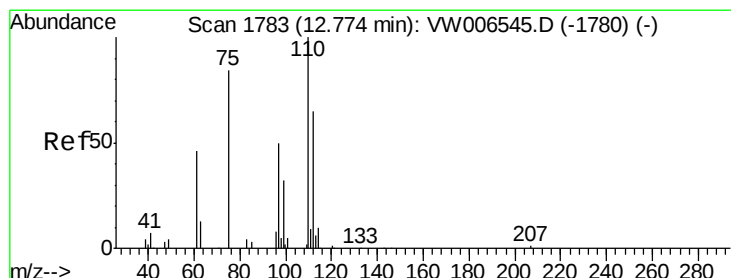
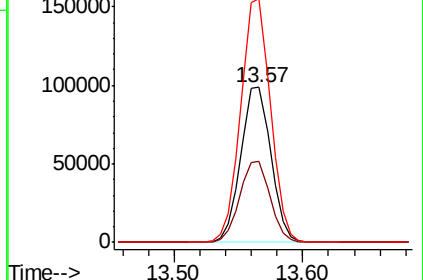
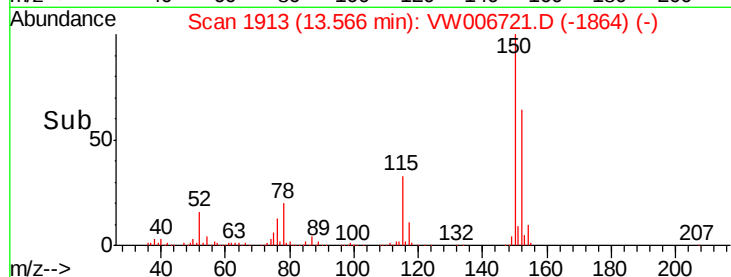
150 154.9 0.0 344.6



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: 51.958 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006721.D

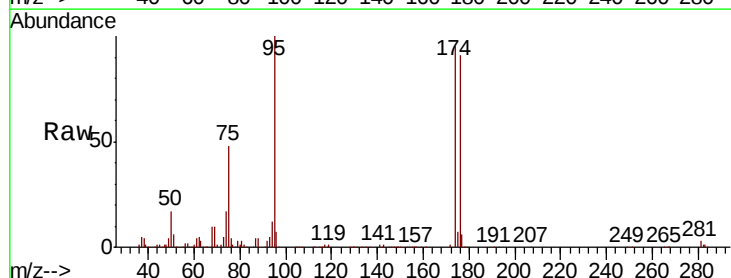
Acq: 07 Nov 2018 08:04

Tgt Ion: 75 Resp: 64872

Ion Ratio Lower Upper

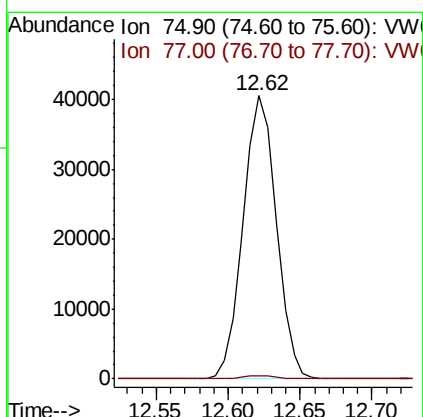
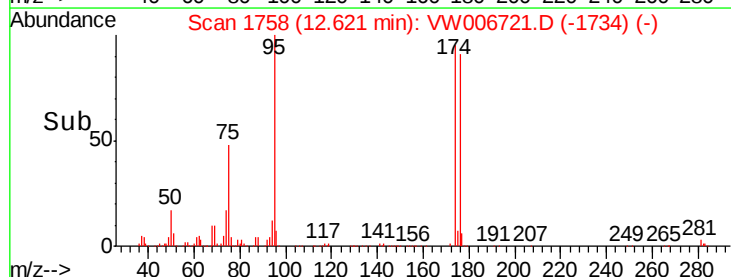
75 100

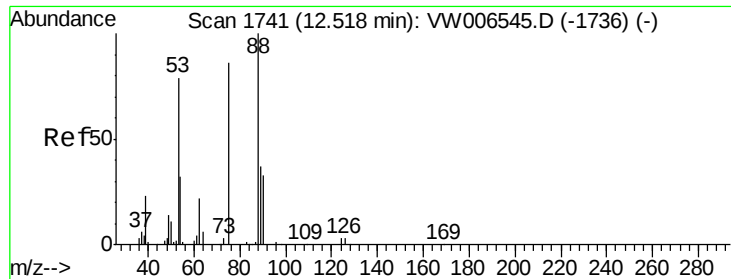
77 1.1 0.0 0.0#



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: 130.058 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006721.D

Acq: 07 Nov 2018 08:04

Instrument :

MSVOA_W

ClientSampleId :

SB-2

Tot Ion: 75 Resp: 64872

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

