

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102718\
 Data File : VW006390.D
 Acq On : 26 Oct 2018 05:36
 Operator : SY/AP
 Sample : J5610-11RE
 Misc : 5.68G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-7(0-2)RE

Quant Time: Oct 26 07:25:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	236968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	351604	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	130800	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	118821	60.48	ug/l	0.00
Spiked Amount			Recovery	=	120.96%	
35) Dibromofluoromethane	7.88	113	113895	54.82	ug/l	0.00
Spiked Amount			Recovery	=	109.64%	
50) Toluene-d8	10.33	98	411744	52.09	ug/l	0.00
Spiked Amount			Recovery	=	104.18%	
62) 4-Bromofluorobenzene	12.62	95	124893	42.07	ug/l	0.00
Spiked Amount			Recovery	=	84.14%	

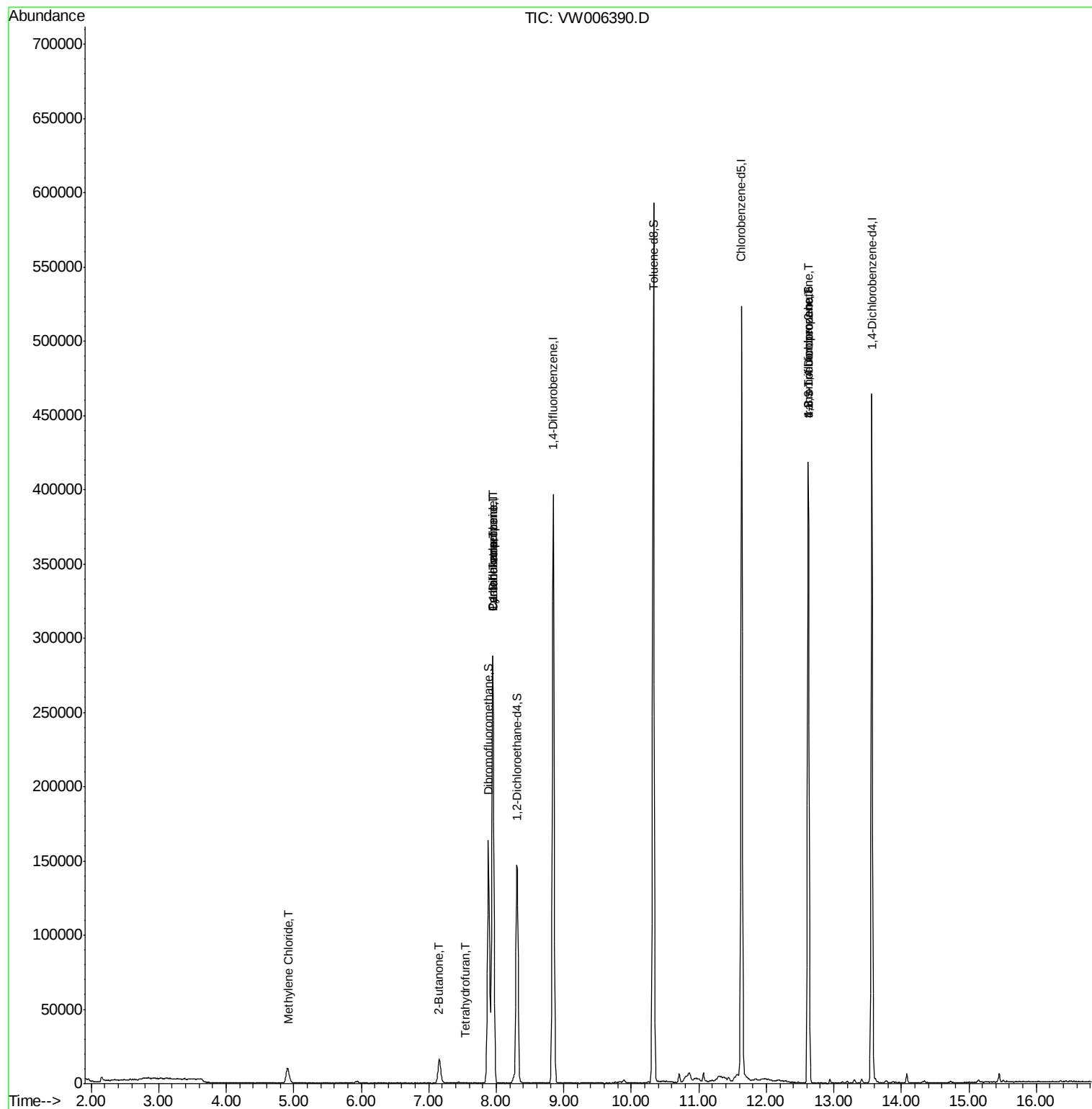
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	862	Below Cal	#	45
20) Methylene Chloride	4.92	84	8918	2.752	ug/l	93
25) 2-Butanone	7.15	43	834	1.571	ug/l #	46
29) Tetrahydrofuran	7.53	42	426	1.306	ug/l #	40
31) Cyclohexane	7.95	56	4205	1.170	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	15585	4.809	ug/l #	47
38) Carbon Tetrachloride	7.95	117	20855	5.870	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	62816	62.875	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	62816	150.297	ug/l #	10

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102718\
Data File : VW006390.D
Acq On : 26 Oct 2018 05:36
Operator : SY/AP
Sample : J5610-11RE
Misc : 5.68G/5ML/MSVOA W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-7(0-2)RE

Quant Time: Oct 26 07:25:16 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 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: VW006390.D

Acq: 26 Oct 2018 05:36

Instrument :

MSVOA_W

ClientSampleId :

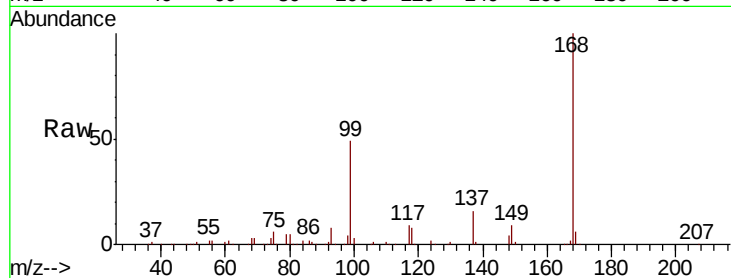
SB-7(0-2)RE

Tot Ion:168 Resp: 236968

Ion Ratio Lower Upper

168 100

99 49.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

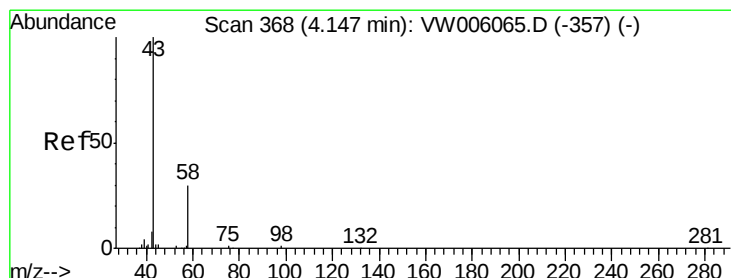
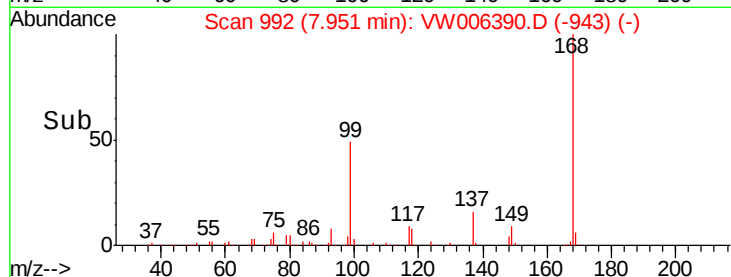
60000

40000

20000

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006390.D

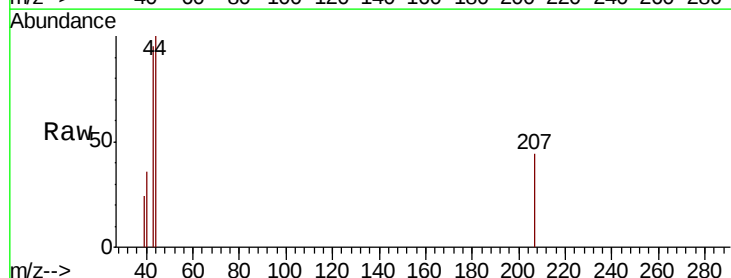
Acq: 26 Oct 2018 05:36

Tgt Ion: 43 Resp: 862

Ion Ratio Lower Upper

43 100

58 0.0 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

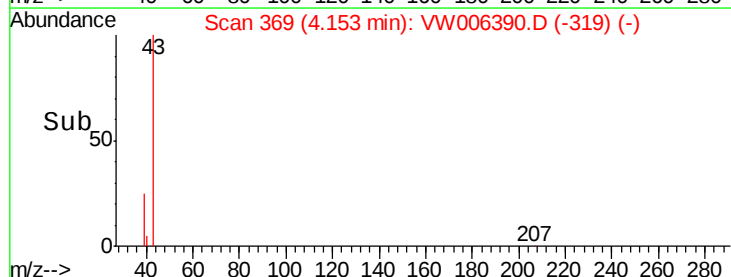
300

200

100

0

Time-->

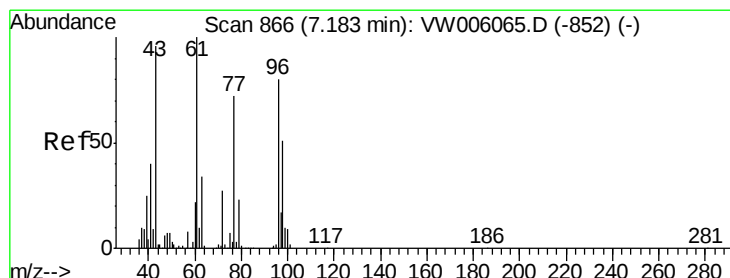
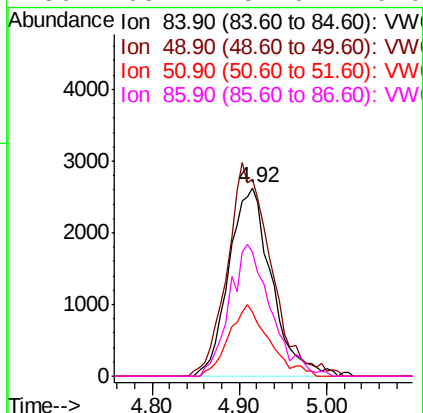
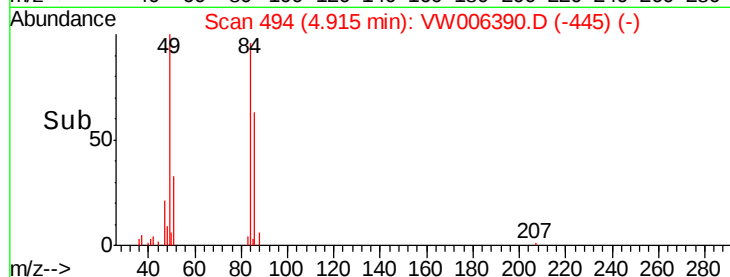
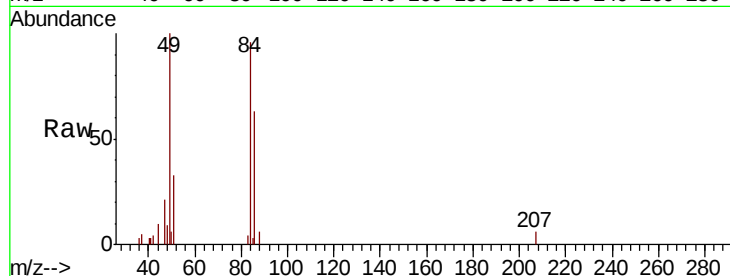




#20
Methvlene Chloride
Concen: 2.752 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006390.D
Acq: 26 Oct 2018 05:36

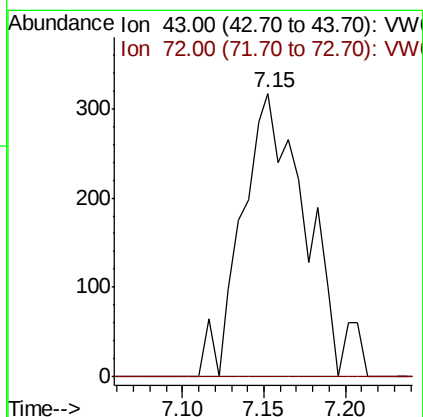
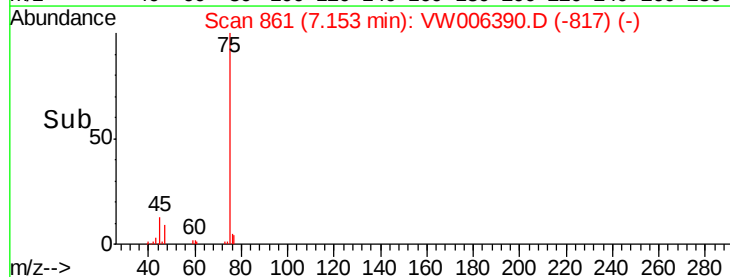
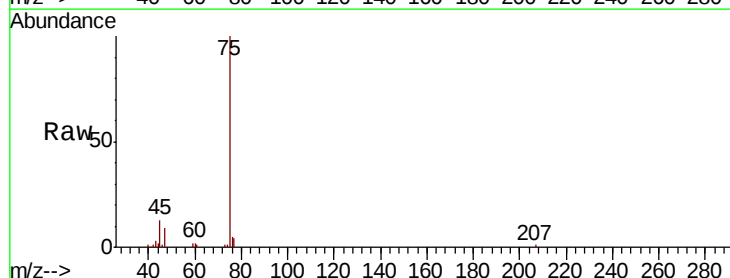
Instrument :
MSVOA_W
ClientSampleId :
SB-7(0-2)RE

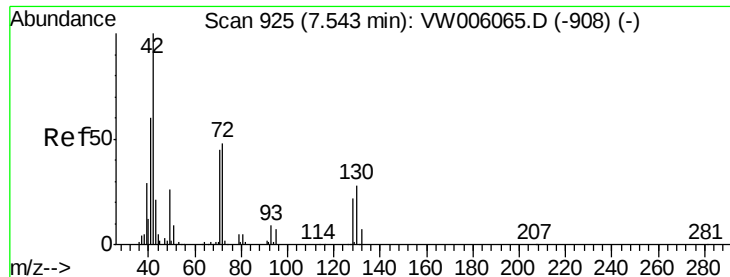
Tot Ion: 84 Resp: 8918
Ion Ratio Lower Upper
84 100
49 104.5 93.6 140.4
51 34.0 29.0 43.4
86 65.7 52.6 79.0



#25
2-Butanone
Concen: 1.571 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.03 min
Lab File: VW006390.D
Acq: 26 Oct 2018 05:36

Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
72 0.0 22.8 34.2#





#29

Tetrahydrofuran

Concen: 1.306 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.01 min

Lab File: VW006390.D

Acq: 26 Oct 2018 05:36

Instrument :

MSVOA_W

ClientSampleId :

SB-7(0-2)RE

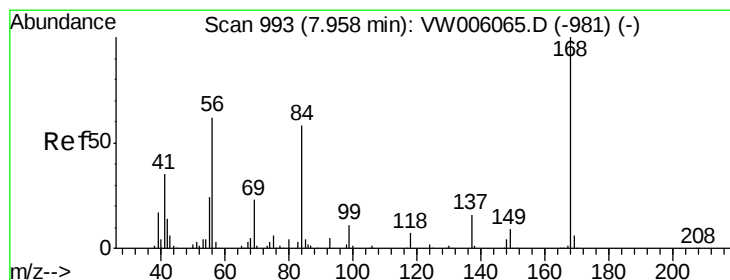
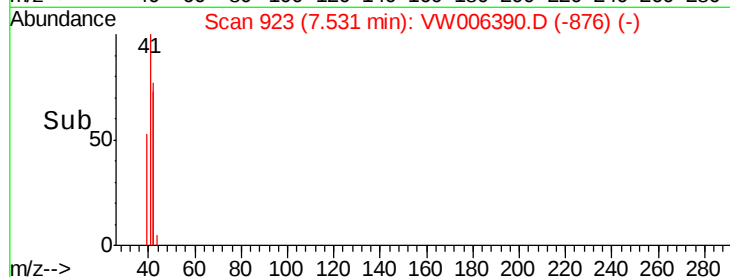
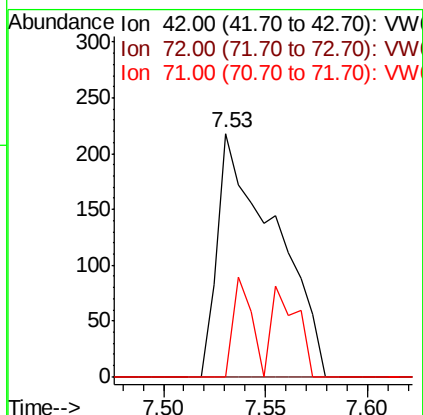
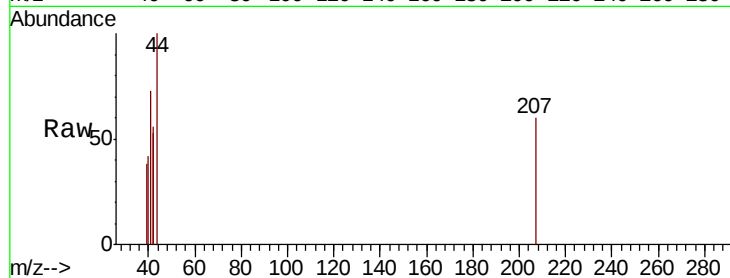
Tot Ion: 42 Resp: 426

Ion Ratio Lower Upper

42 100

72 0.0 38.0 57.0#

71 12.7 35.3 52.9#



#31

Cyclohexane

Concen: 1.170 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006390.D

Acq: 26 Oct 2018 05:36

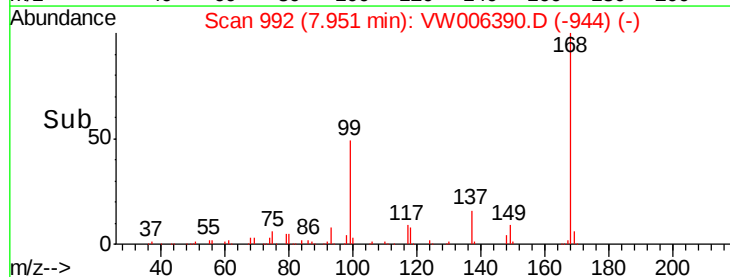
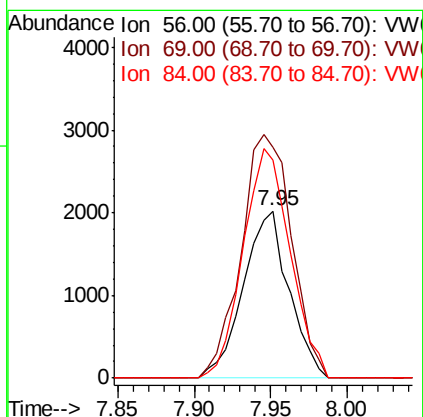
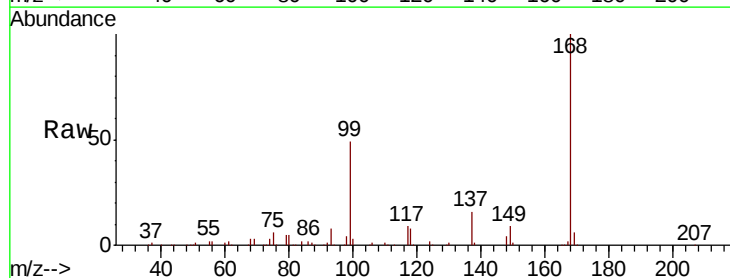
Tgt Ion: 56 Resp: 4205

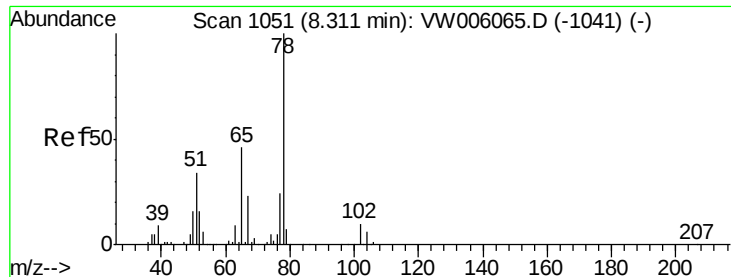
Ion Ratio Lower Upper

56 100

69 138.0 29.4 44.0#

84 130.2 74.0 111.0#

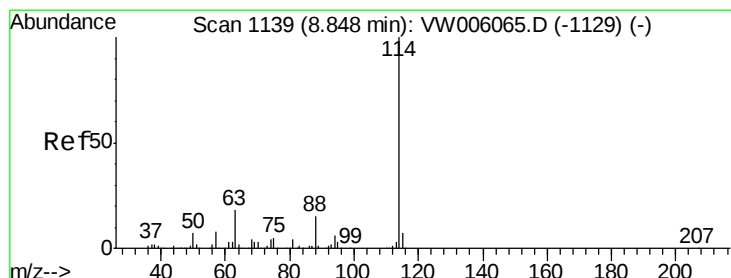
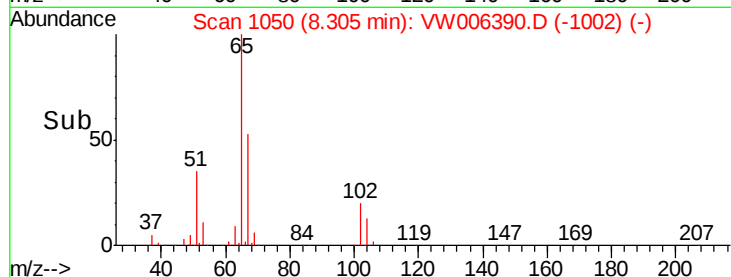
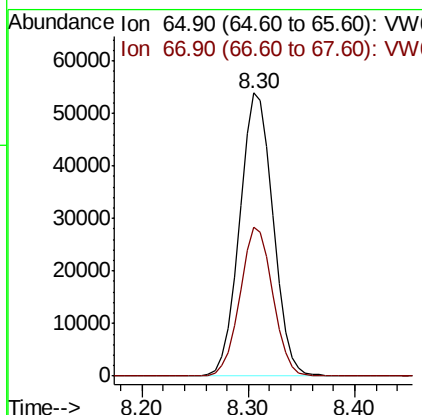
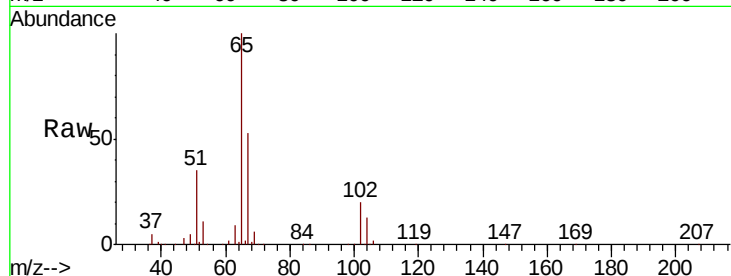




#33
 1,2-Dichloroethane-d4
 Concen: 60.481 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006390.D
 Acq: 26 Oct 2018 05:36

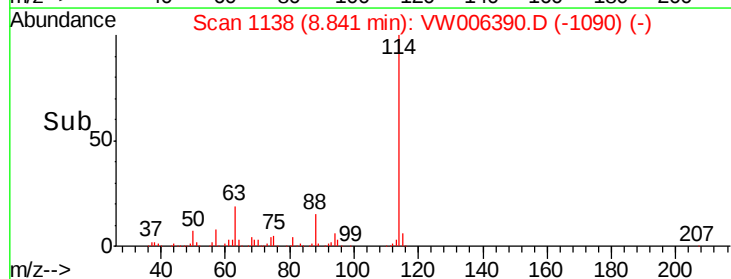
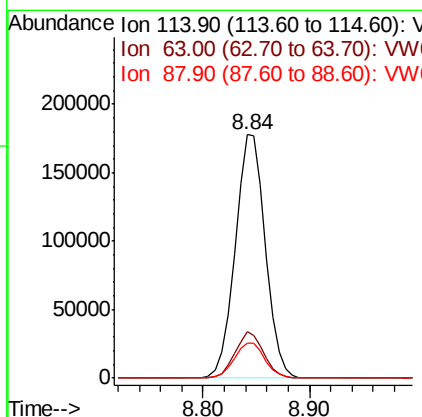
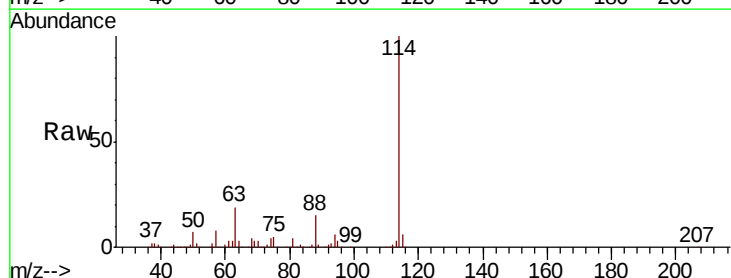
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-7(0-2)RE

Tot Ion: 65 Resp: 118821
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006390.D
 Acq: 26 Oct 2018 05:36

Tgt Ion: 114 Resp: 351604
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 36.8
 88 14.6 0.0 29.0

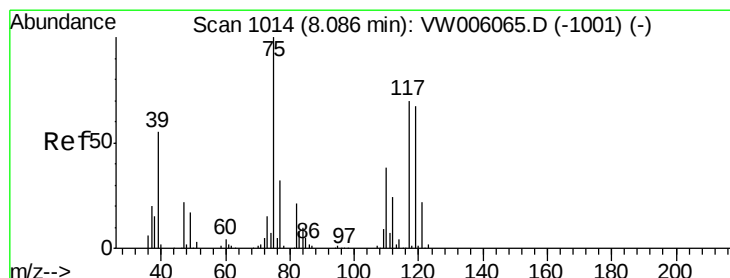
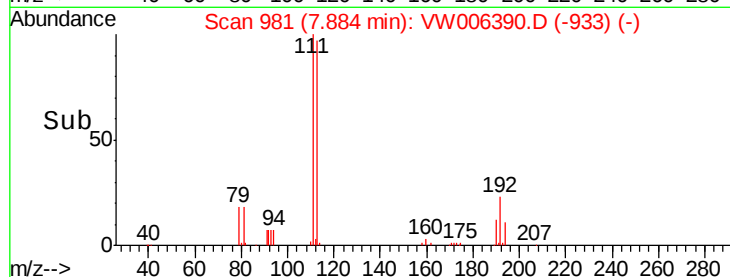
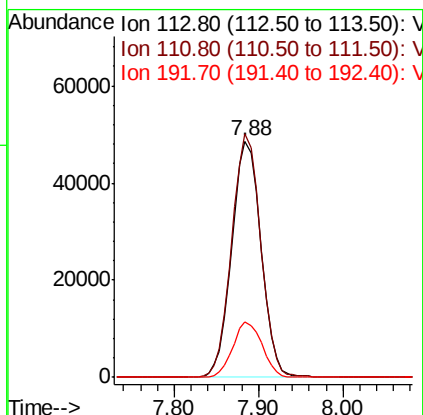
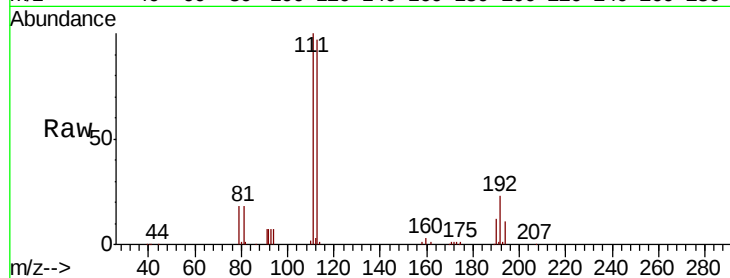




#35
 Dibromofluoromethane
 Concen: 54.820 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006390.D
 Acq: 26 Oct 2018 05:36

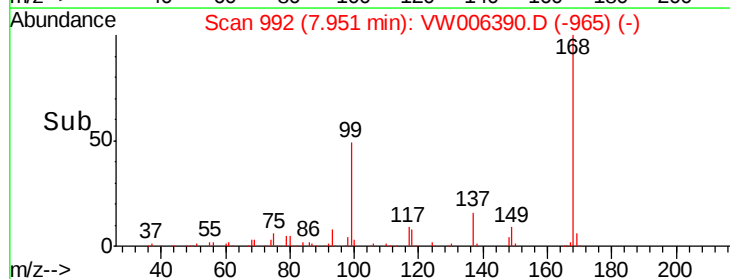
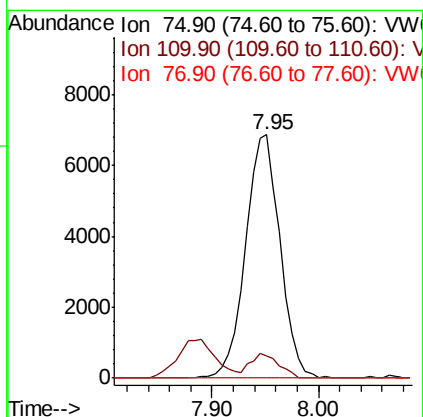
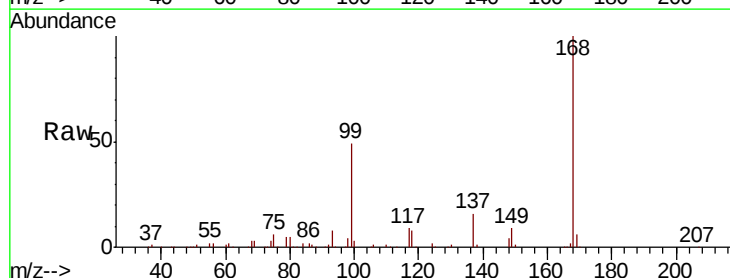
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-7(0-2)RE

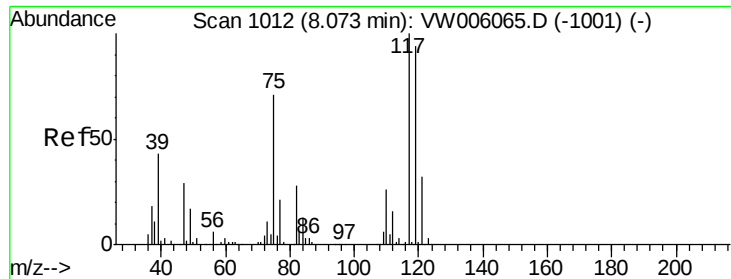
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.4	122.0
192	23.6	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 4.809 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006390.D
 Acq: 26 Oct 2018 05:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	19.1	57.1#
77	0.0	25.0	37.4#

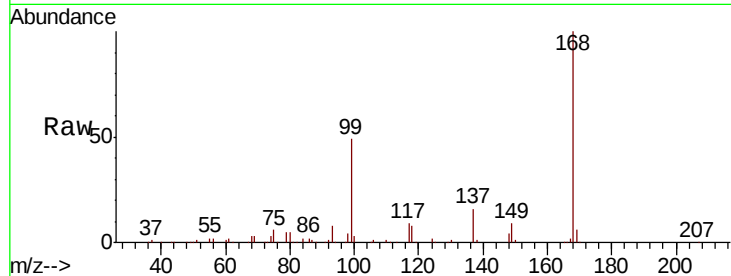




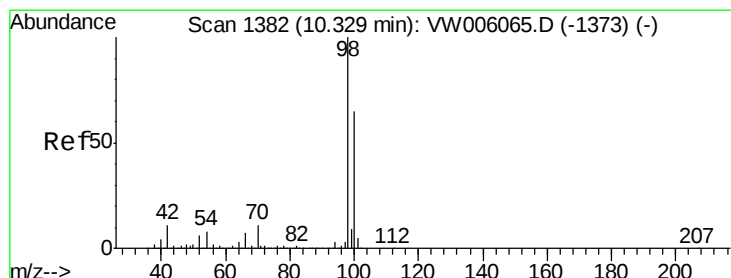
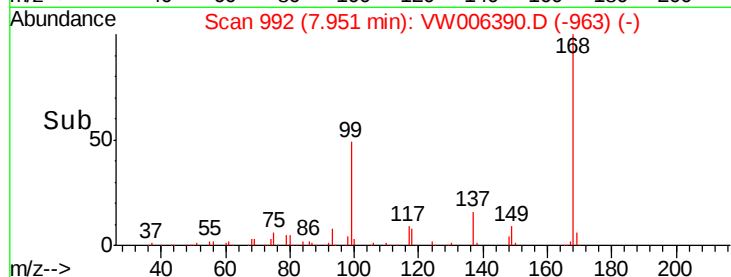
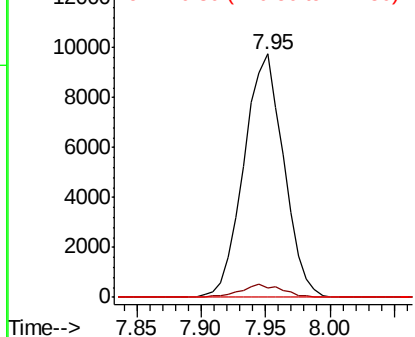
#38
Carbon Tetrachloride
Concen: 5.870 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006390.D
Acq: 26 Oct 2018 05:36

Instrument :
MSVOA_W
ClientSampleId :
SB-7(0-2)RE

Tot Ion:117 Resp: 20855
Ion Ratio Lower Upper
117 100
119 3.9 75.2 112.8#
121 0.0 25.3 37.9#

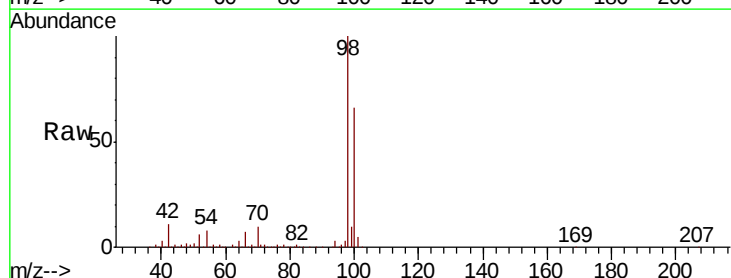


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

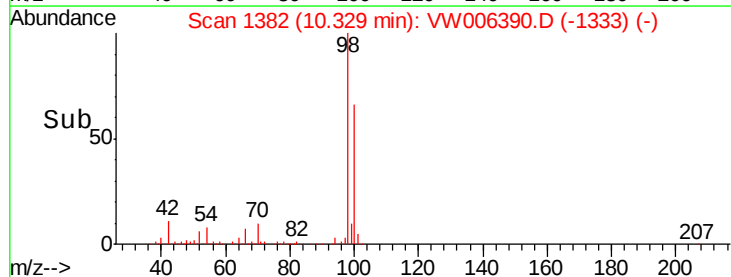
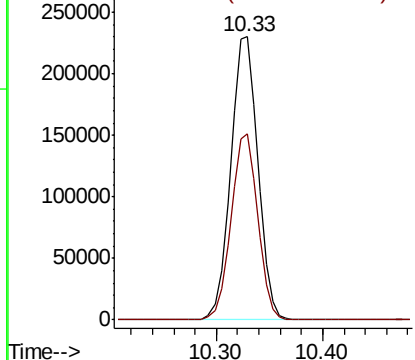


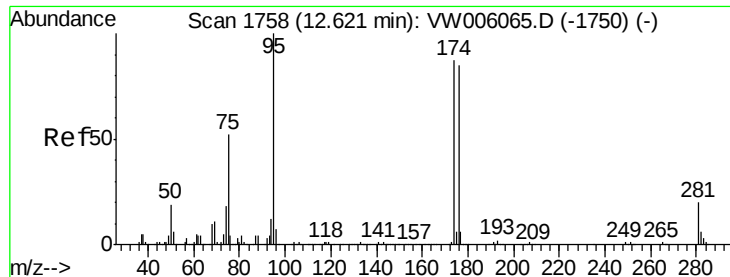
#50
Toluene-d8
Concen: 52.091 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006390.D
Acq: 26 Oct 2018 05:36

Tgt Ion: 98 Resp: 411744
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 42.069 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006390.D

Acq: 26 Oct 2018 05:36

Instrument :

MSVOA_W

ClientSampleId :

SB-7(0-2)RE

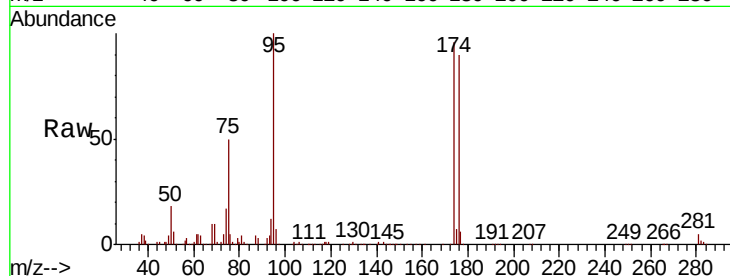
Tot Ion: 95 Resp: 124893

Ion Ratio Lower Upper

95 100

174 96.9 0.0 186.0

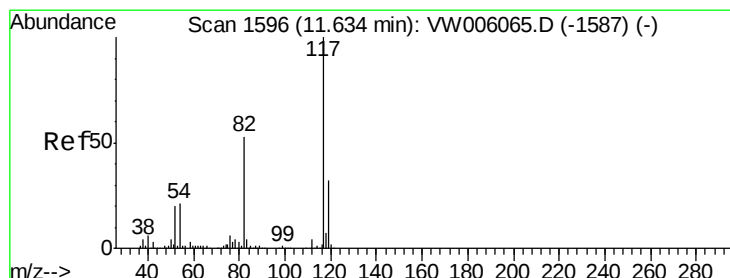
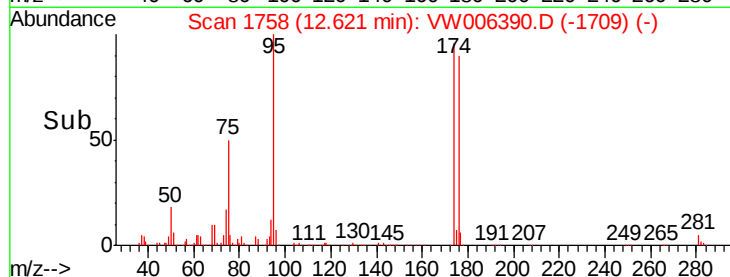
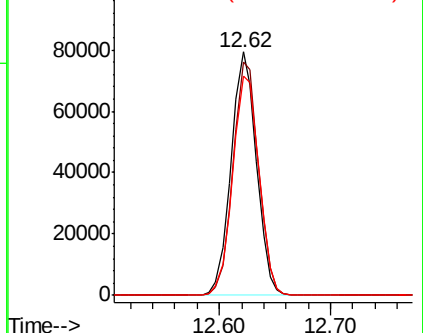
176 93.8 0.0 181.6



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: VW006390.D

Acq: 26 Oct 2018 05:36

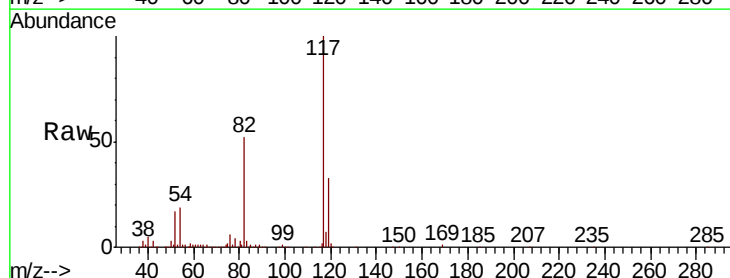
Tgt Ion: 117 Resp: 301817

Ion Ratio Lower Upper

117 100

82 51.8 42.1 63.1

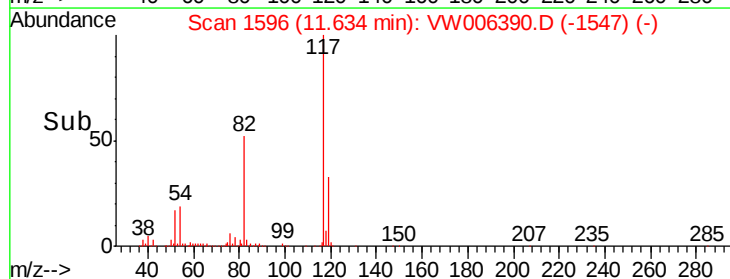
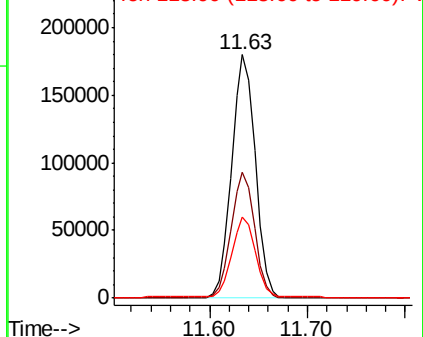
119 32.8 25.8 38.6

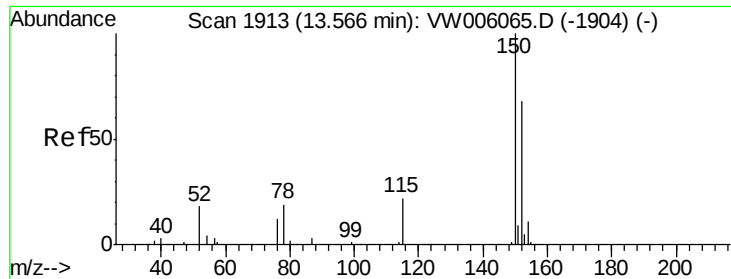


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



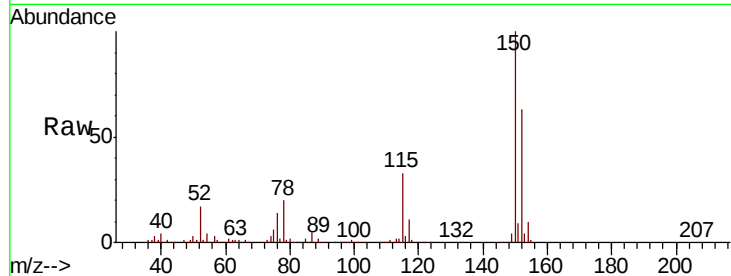


#72

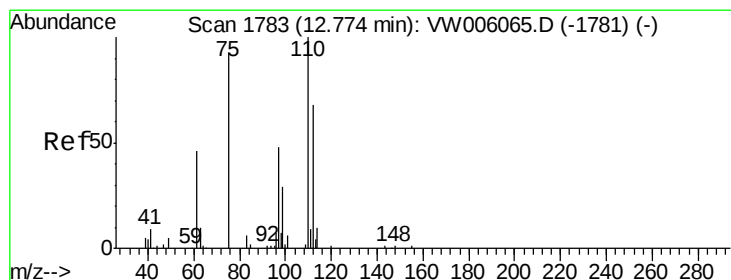
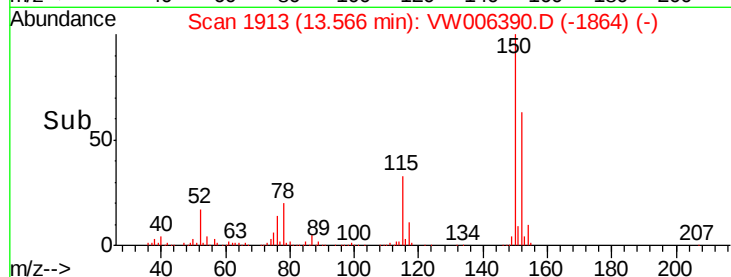
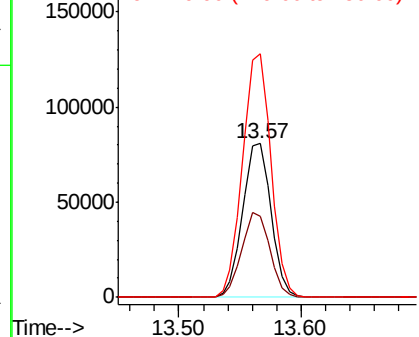
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006390.D
Acq: 26 Oct 2018 05:36

Instrument :
MSVOA_W
ClientSampleId :
SB-7(0-2)RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.8	83.3
150	157.7	0.0	349.2



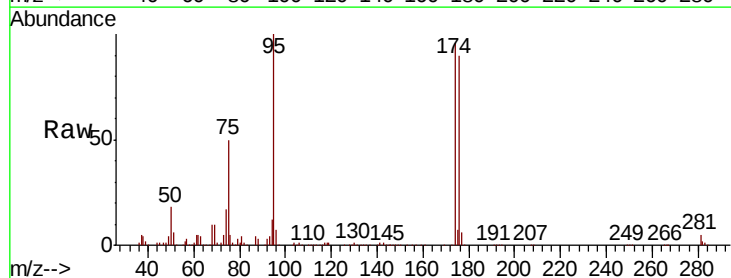
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



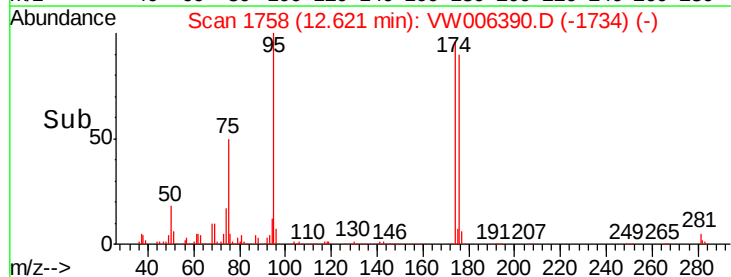
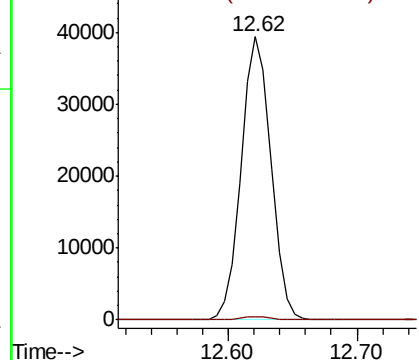
#76

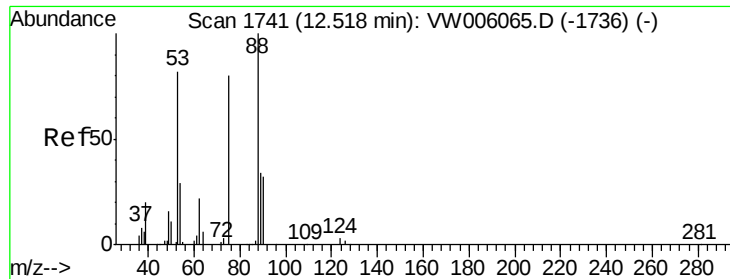
1,2,3-Trichloropropane
Concen: 62.875 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006390.D
Acq: 26 Oct 2018 05:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	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: 150.297 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006390.D

Acq: 26 Oct 2018 05:36

Instrument :

MSVOA_W

ClientSampleId :

SB-7(0-2)RE

Tot Ion: 75 Resp: 62816

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#

