

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006258.D
 Acq On : 22 Oct 2018 18:10
 Operator : VA/AP
 Sample : J5610-11
 Misc : 5.64G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Oct 23 04:07:33 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	327561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	470411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	395909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	166825	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	87019	32.04	ug/l	0.00
Spiked Amount			Recovery	=	64.08%	
35) Dibromofluoromethane	7.88	113	88702	31.91	ug/l	0.00
Spiked Amount			Recovery	=	63.82%	
50) Toluene-d8	10.33	98	292627	27.67	ug/l	0.00
Spiked Amount			Recovery	=	55.34%	
62) 4-Bromofluorobenzene	12.62	95	100354	25.27	ug/l	0.00
Spiked Amount			Recovery	=	50.54%	

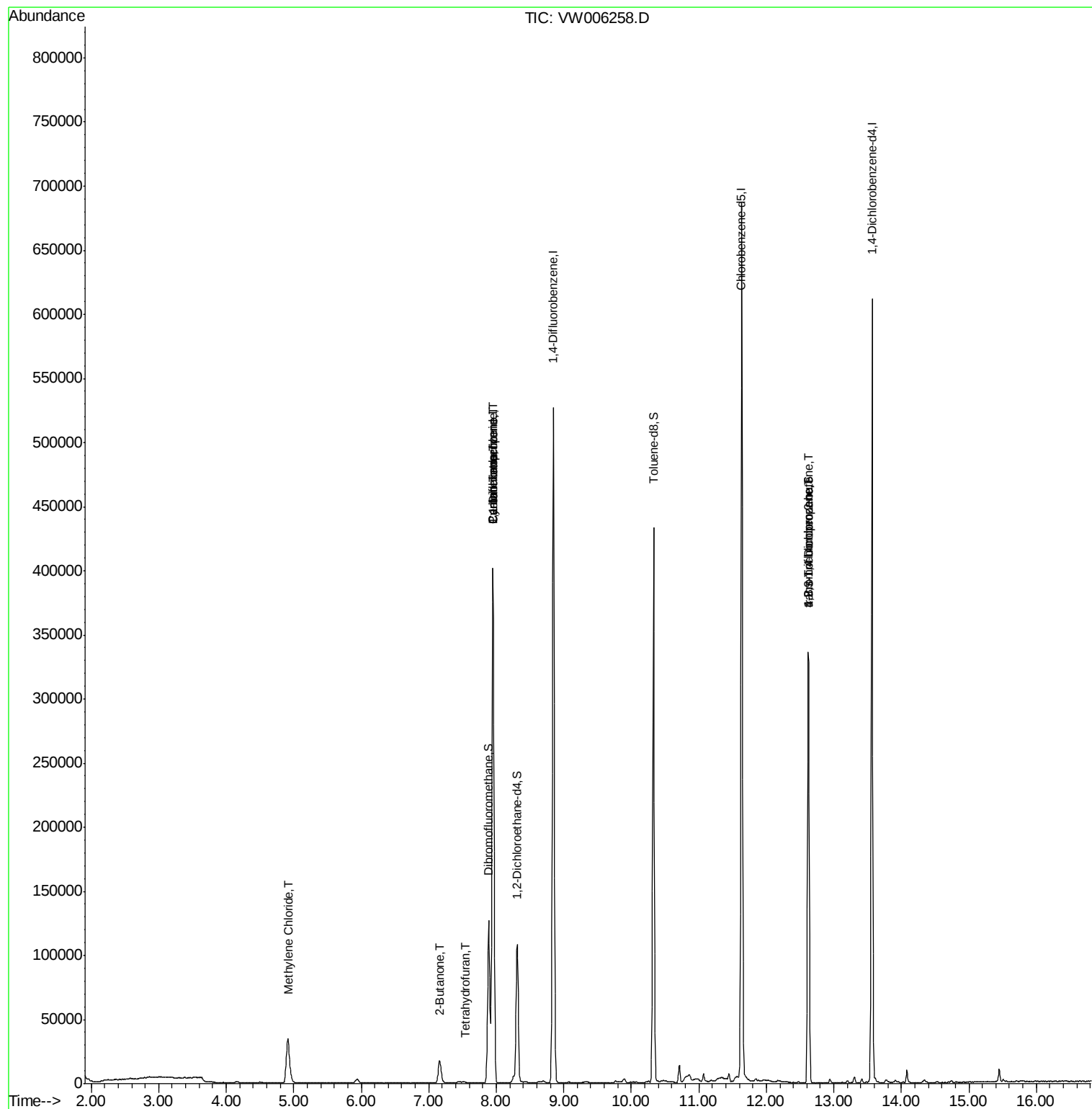
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	1703	Below Cal		99
20) Methylene Chloride	4.92	84	30278	9.209	ug/l	92
25) 2-Butanone	7.15	43	1052	1.434	ug/l #	46
29) Tetrahydrofuran	7.55	42	561	1.244	ug/l #	46
31) Cyclohexane	7.95	56	5971	1.202	ug/l #	17
36) 1,1-Dichloropropene	7.95	75	20473	4.722	ug/l #	49
38) Carbon Tetrachloride	7.95	117	29037	6.109	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	50184	39.384	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	50184	94.144	ug/l #	10

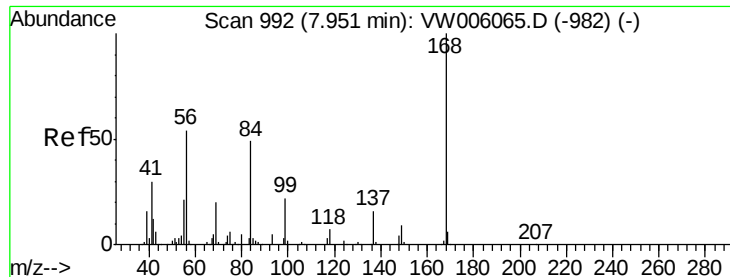
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 23 04:07:33 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: VW006258.D

Acq: 22 Oct 2018 18:10

Instrument :

MSVOA_W

ClientSampleId :

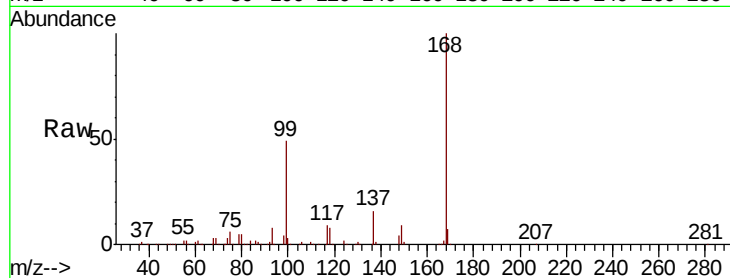
SB-7(0-2)

Tot Ion:168 Resp: 327561

Ion Ratio Lower Upper

168 100

99 49.4 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

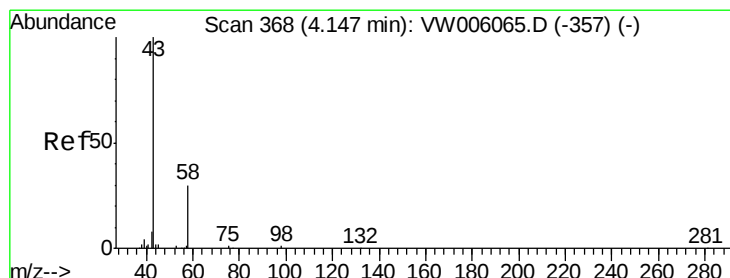
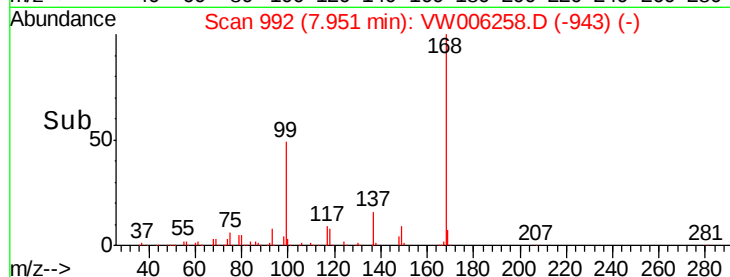
150000

100000

50000

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006258.D

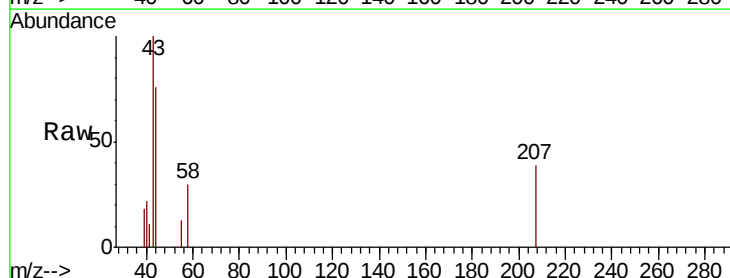
Acq: 22 Oct 2018 18:10

Tgt Ion: 43 Resp: 1703

Ion Ratio Lower Upper

43 100

58 29.7 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

500

400

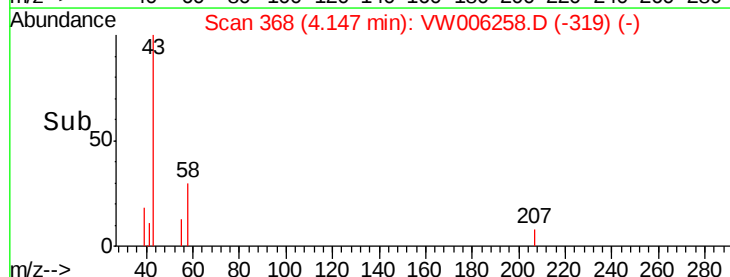
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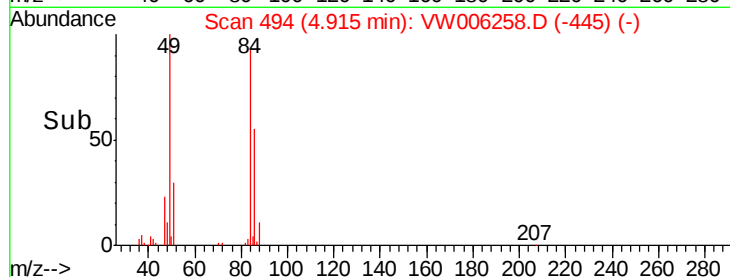
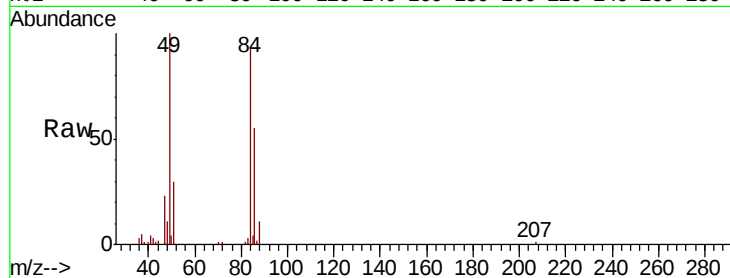
200

100

0

Time-->

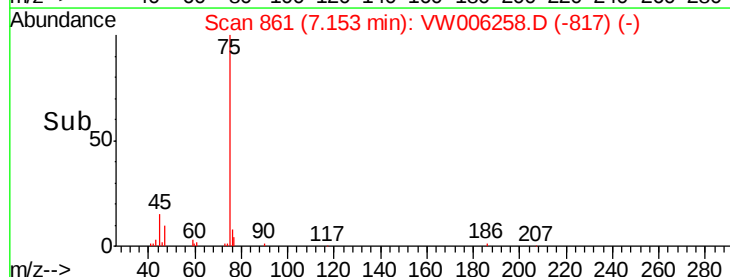
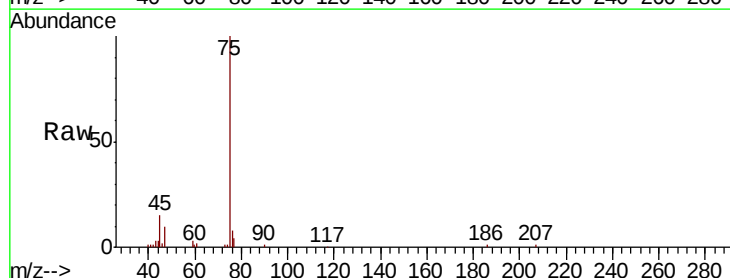
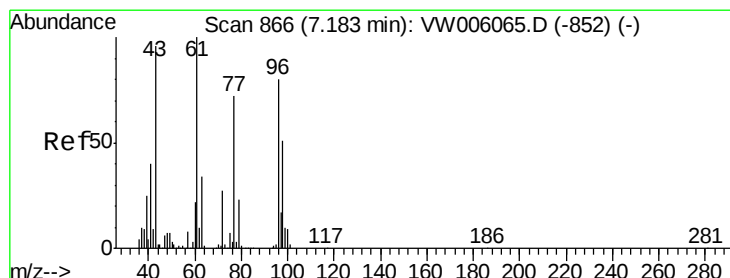
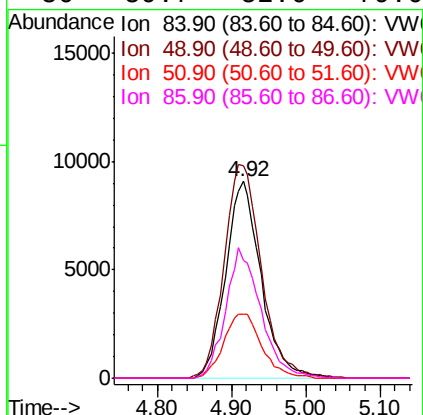




#20
Methylene Chloride
Concen: 9.209 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006258.D
Acq: 22 Oct 2018 18:10

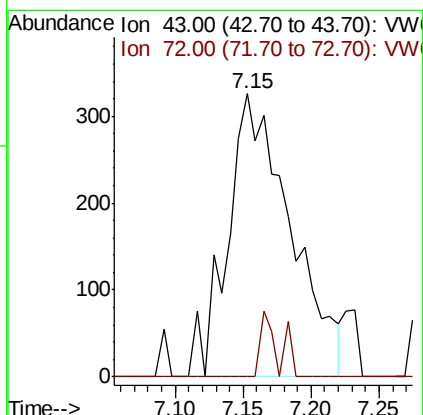
Instrument :
MSVOA_W
ClientSampled :
SB-7(0-2)

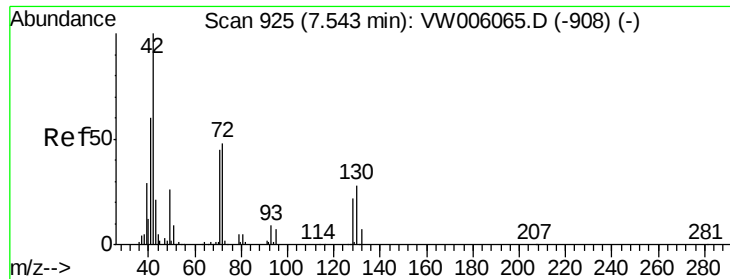
Tot Ion:	84	Resp:	30278
Ion	Ratio	Lower	Upper
84	100		
49	107.7	93.6	140.4
51	32.6	29.0	43.4
86	59.7	52.6	79.0



#25
2-Butanone
Concen: 1.434 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.03 min
Lab File: VW006258.D
Acq: 22 Oct 2018 18:10

Tgt Ion:	43	Resp:	1052
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.8	34.2#





#29

Tetrahydrofuran

Concen: 1.244 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW006258.D

Acq: 22 Oct 2018 18:10

Instrument :

MSVOA_W

ClientSampleId :

SB-7(0-2)

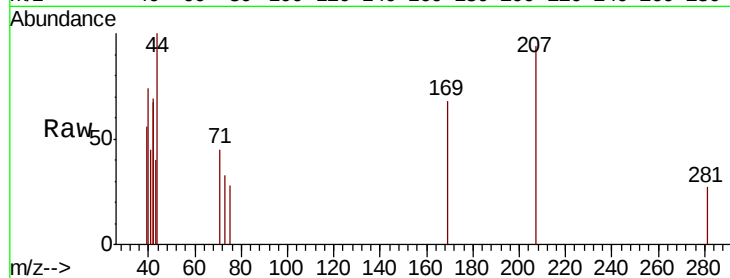
Tot Ion: 42 Resp: 561

Ion Ratio Lower Upper

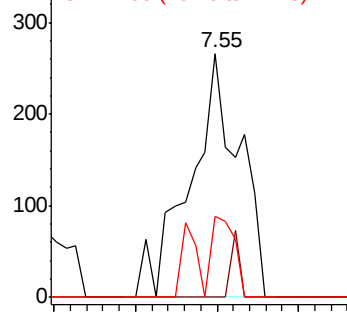
42 100

72 4.8 38.0 57.0#

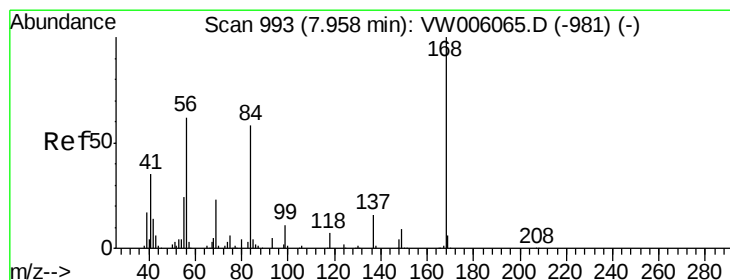
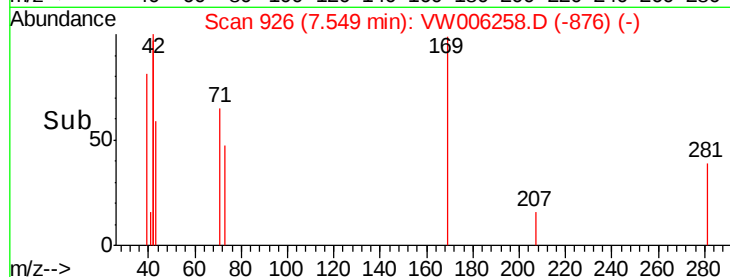
71 15.3 35.3 52.9#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



Time-->



#31

Cyclohexane

Concen: 1.202 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006258.D

Acq: 22 Oct 2018 18:10

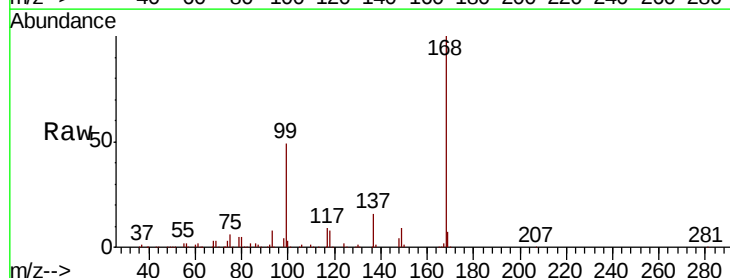
Tgt Ion: 56 Resp: 5971

Ion Ratio Lower Upper

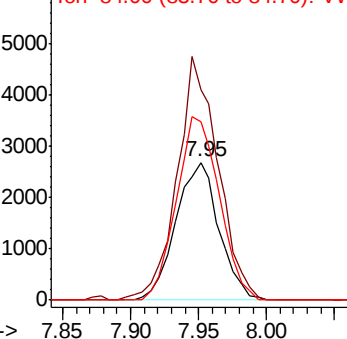
56 100

69 152.1 29.4 44.0#

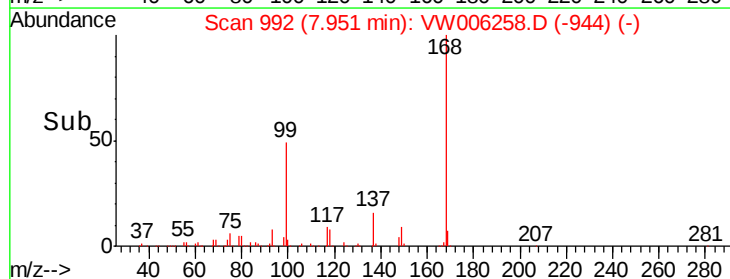
84 129.3 74.0 111.0#

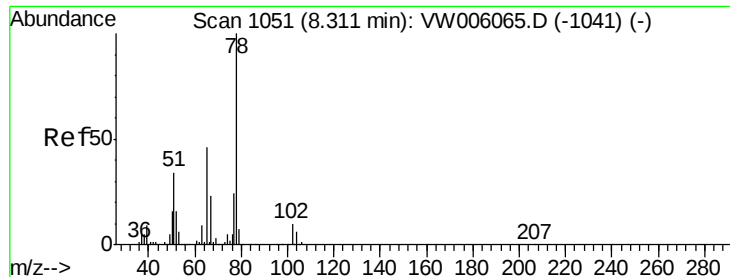


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



Time-->

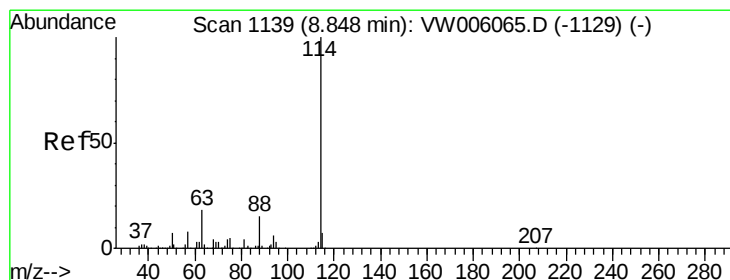
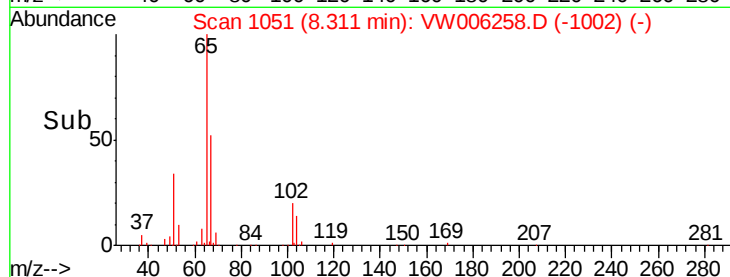
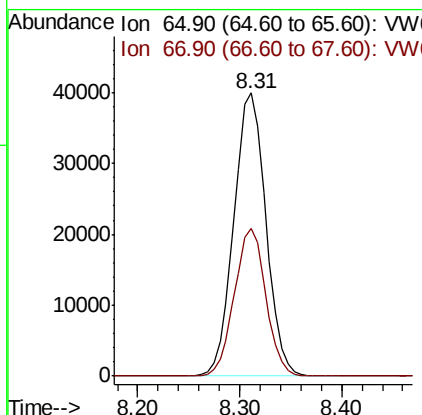
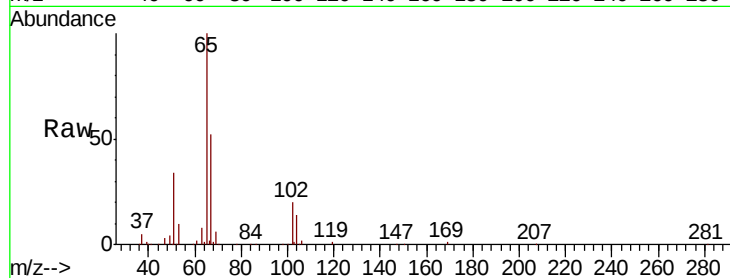




#33
 1,2-Dichloroethane-d4
 Concen: 32.043 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006258.D
 Acq: 22 Oct 2018 18:10

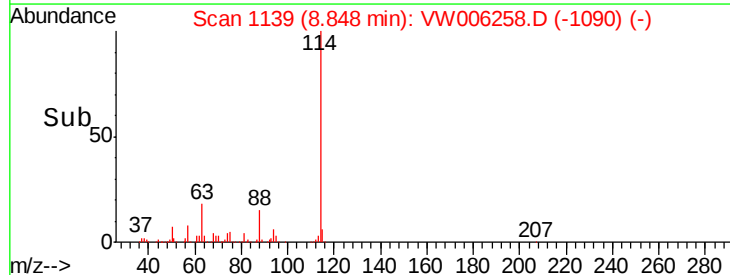
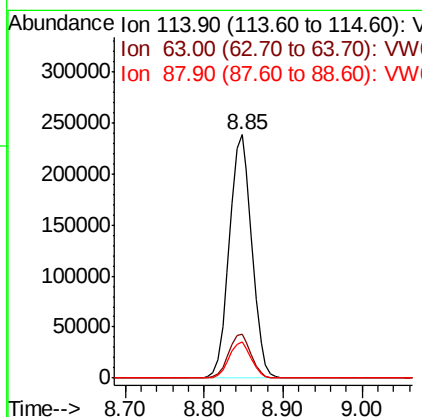
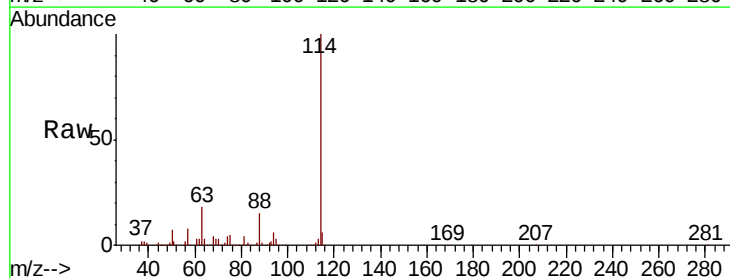
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-7(0-2)

Tot Ion: 65 Resp: 87019
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006258.D
 Acq: 22 Oct 2018 18:10

Tgt Ion: 114 Resp: 470411
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.8
 88 15.1 0.0 29.0

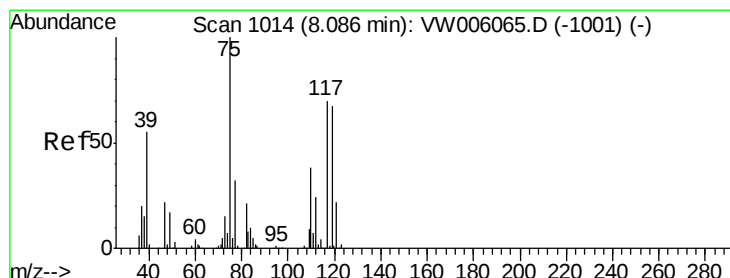
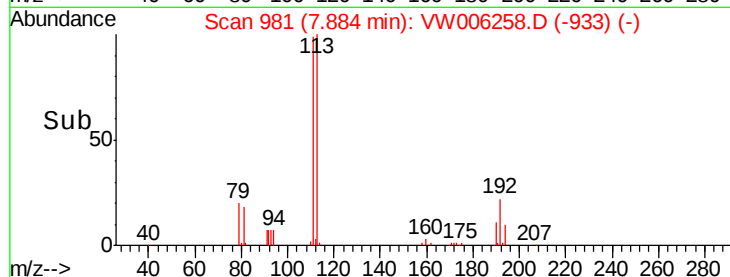
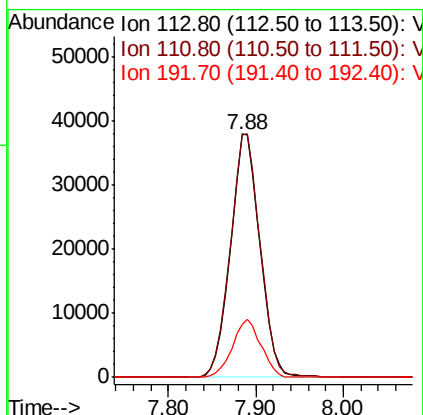
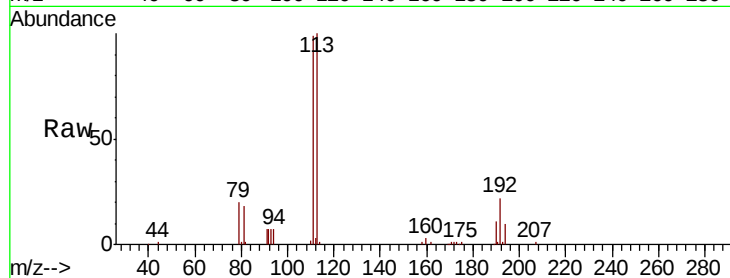




#35
 Dibromofluoromethane
 Concen: 31.911 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006258.D
 Acq: 22 Oct 2018 18:10

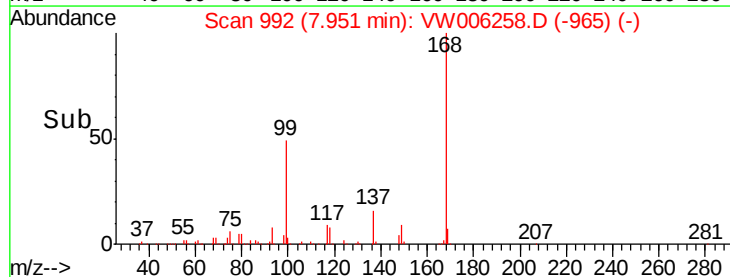
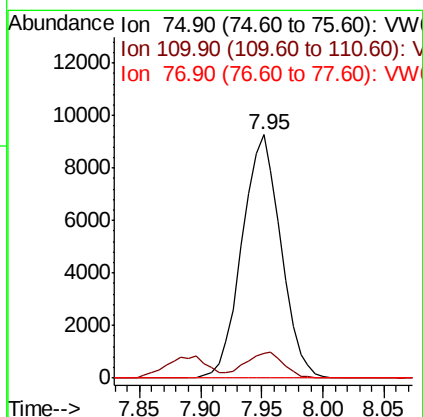
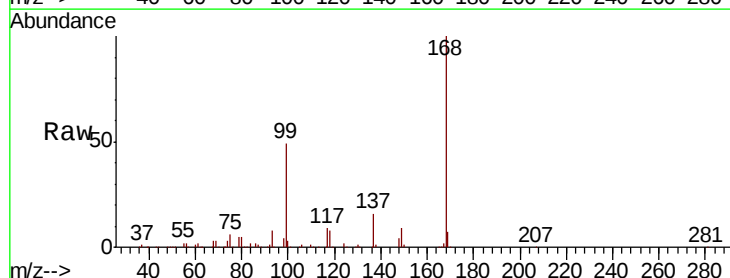
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-7(0-2)

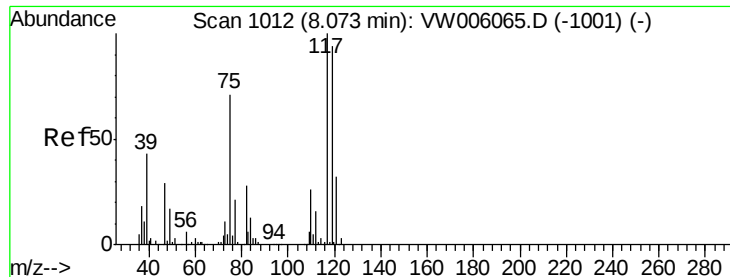
Tot Ion:113 Resp: 88702
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.4 122.0
 192 23.1 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.722 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006258.D
 Acq: 22 Oct 2018 18:10

Tgt Ion: 75 Resp: 20473
 Ion Ratio Lower Upper
 75 100
 110 10.3 19.1 57.1#
 77 0.0 25.0 37.4#

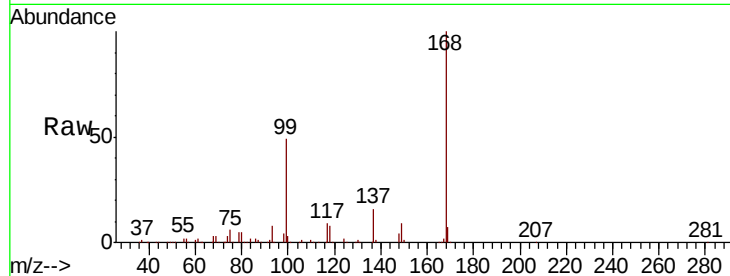




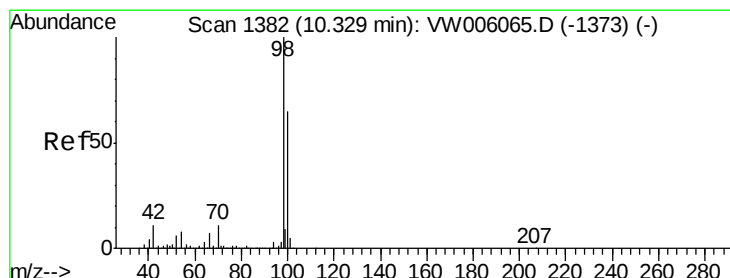
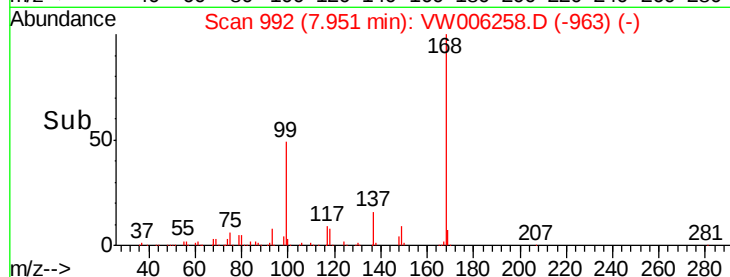
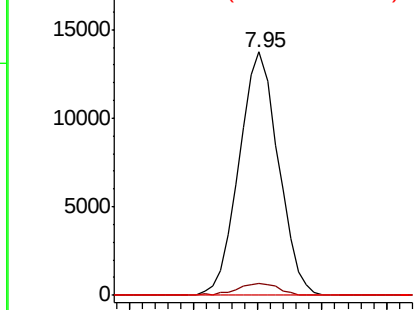
#38
Carbon Tetrachloride
Concen: 6.109 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006258.D
Acq: 22 Oct 2018 18:10

Instrument :
MSVOA_W
ClientSampled :
SB-7(0-2)

Tot Ion:117 Resp: 29037
Ion Ratio Lower Upper
117 100
119 5.0 75.2 112.8#
121 0.0 25.3 37.9#

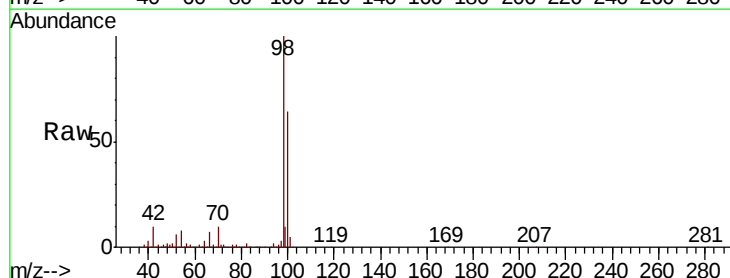


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

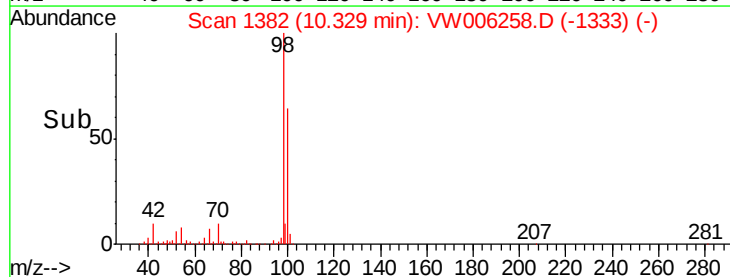
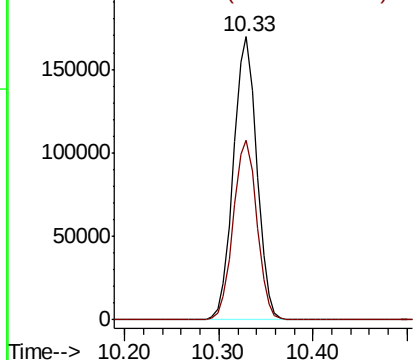


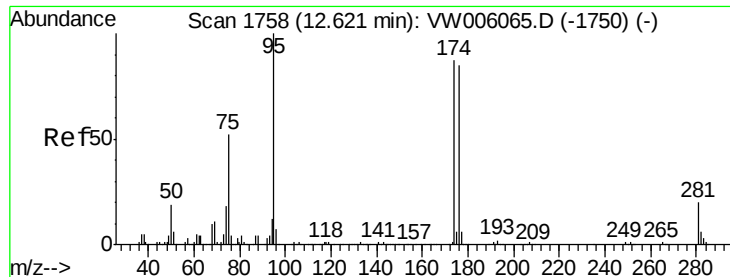
#50
Toluene-d8
Concen: 27.671 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006258.D
Acq: 22 Oct 2018 18:10

Tgt Ion: 98 Resp: 292627
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



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

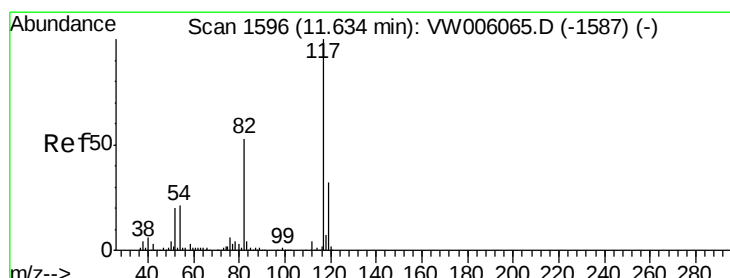
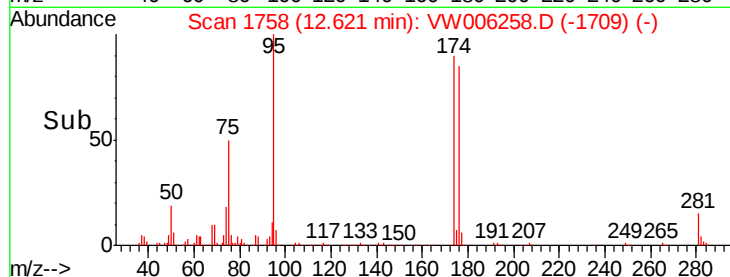
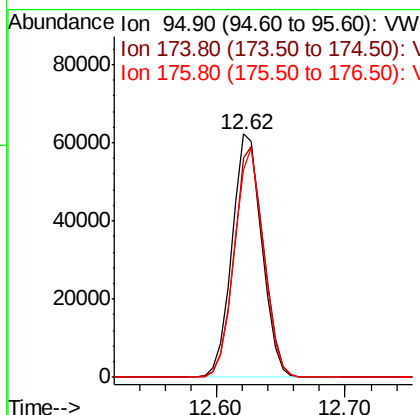
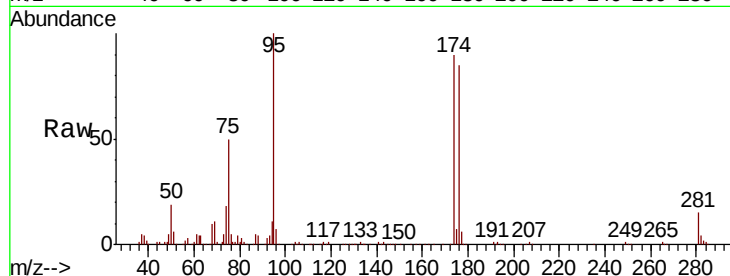




#62
4-Bromofluorobenzene
Concen: 25.266 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006258.D
Acq: 22 Oct 2018 18:10

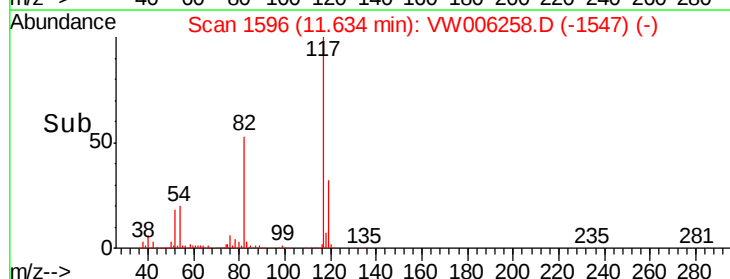
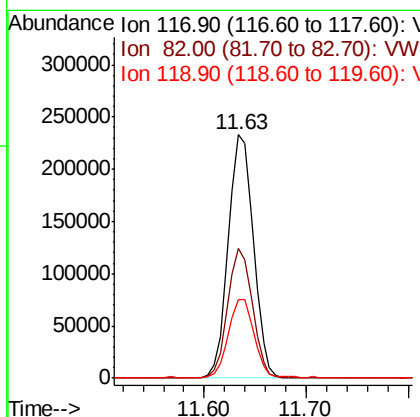
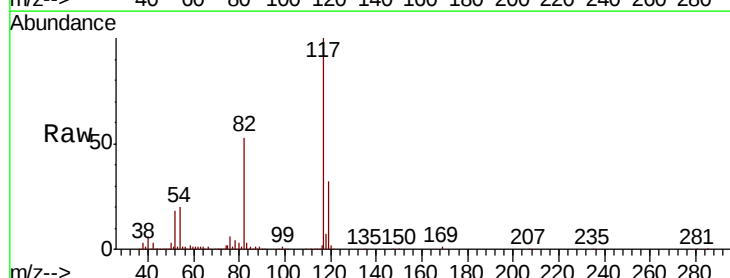
Instrument :
MSVOA_W
ClientSampleId :
SB-7(0-2)

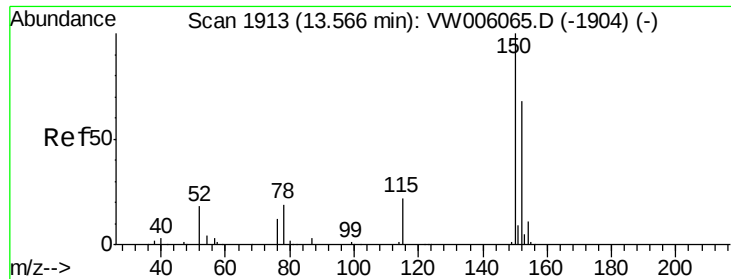
Tot Ion: 95 Resp: 100354
Ion Ratio Lower Upper
95 100
174 94.0 0.0 186.0
176 91.8 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006258.D
Acq: 22 Oct 2018 18:10

Tgt Ion: 117 Resp: 395909
Ion Ratio Lower Upper
117 100
82 53.1 42.1 63.1
119 32.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006258.D

Acq: 22 Oct 2018 18:10

Instrument :

MSVOA_W

ClientSampleId :

SB-7(0-2)

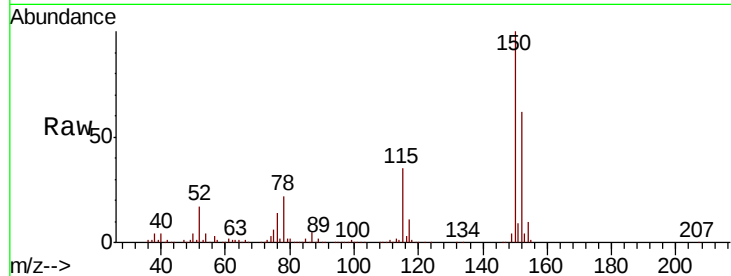
Tot Ion:152 Resp: 166825

Ion Ratio Lower Upper

152 100

115 54.7 27.8 83.3

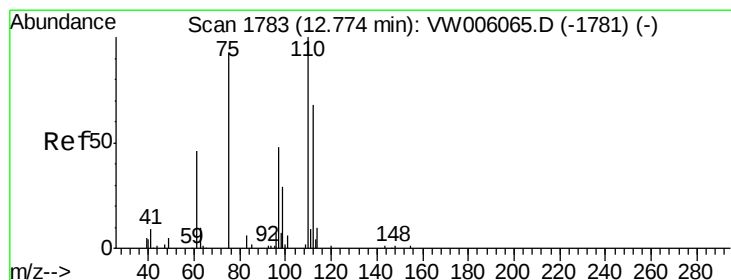
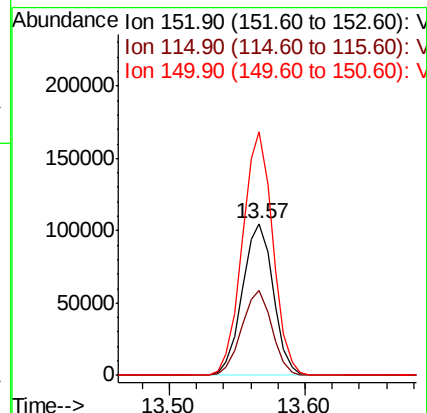
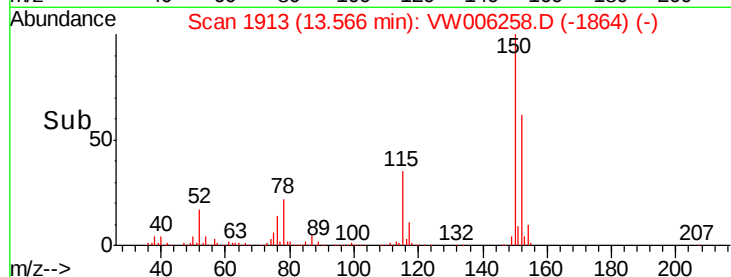
150 157.5 0.0 349.2



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: 39.384 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006258.D

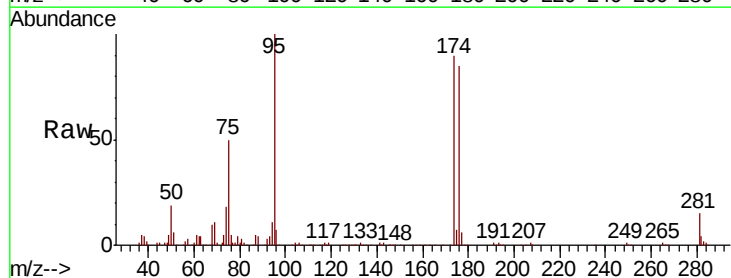
Acq: 22 Oct 2018 18:10

Tgt Ion: 75 Resp: 50184

Ion Ratio Lower Upper

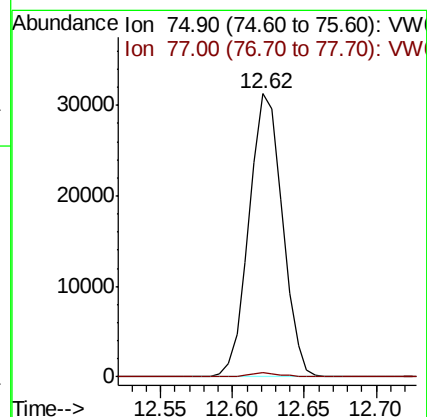
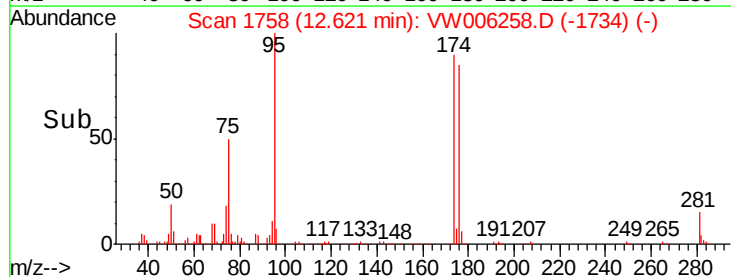
75 100

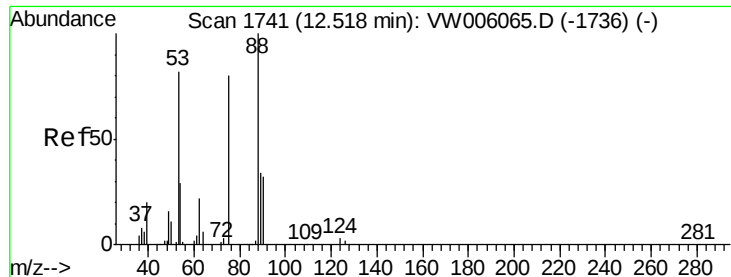
77 1.2 0.0 0.0#



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: 94.144 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006258.D

Acq: 22 Oct 2018 18:10

Instrument :

MSVOA_W

ClientSampleId :

SB-7(0-2)

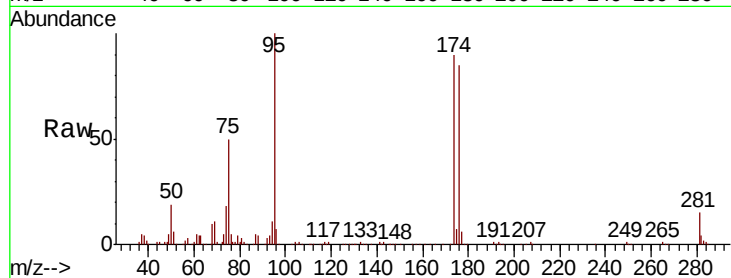
Tot Ion: 75 Resp: 50184

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



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

