

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006497.D
 Acq On : 30 Oct 2018 13:17
 Operator : SY/AP
 Sample : J5691-07
 Misc : 6.51G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-8

Quant Time: Oct 30 14:28:12 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	256245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	365286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	330340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	177032	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	103028	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
35) Dibromofluoromethane	7.89	113	107989	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
50) Toluene-d8	10.33	98	415561	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.62	95	142878	46.32	ug/l	0.00
Spiked Amount			Recovery	=	92.64%	

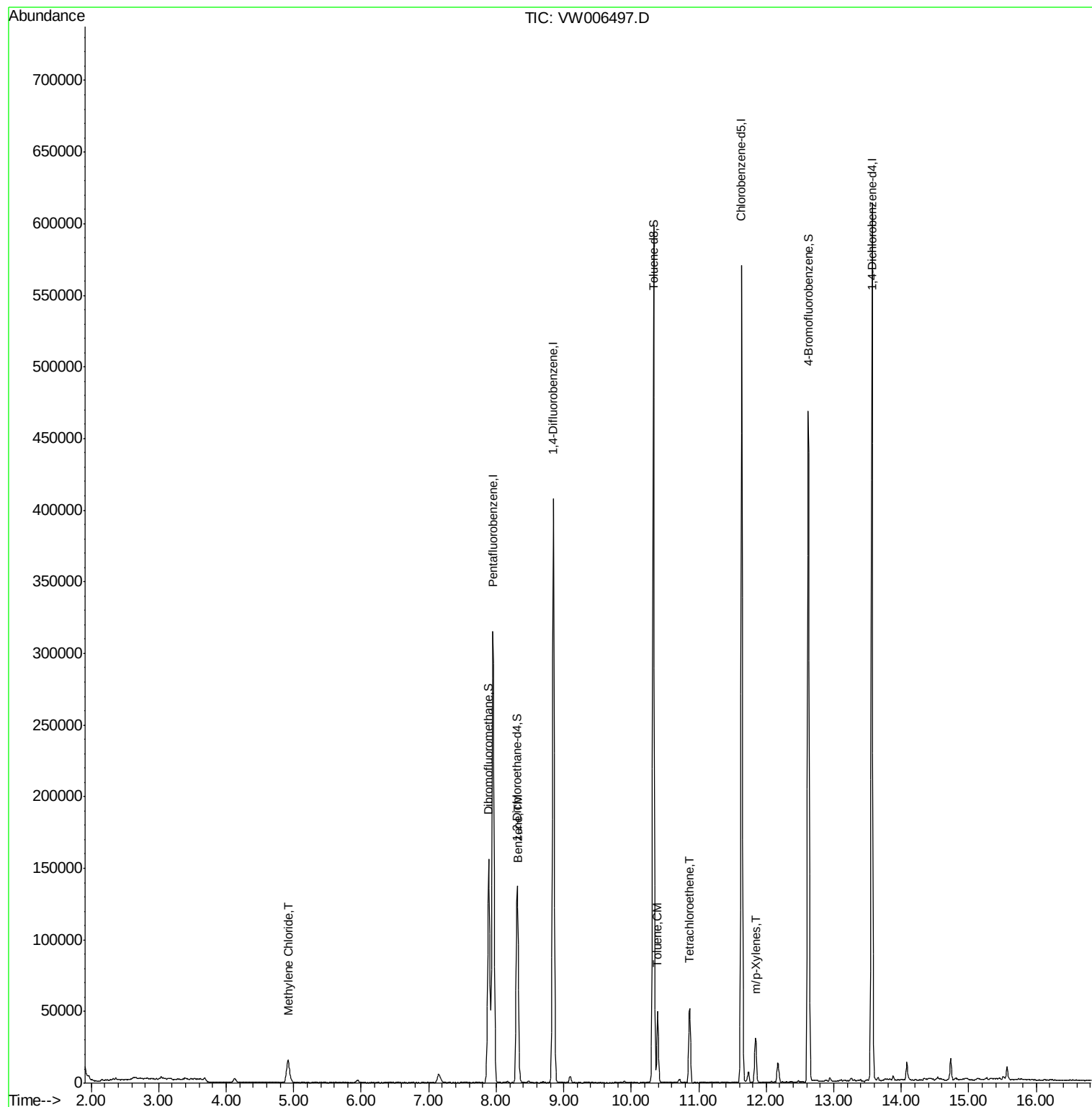
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.92	84	13045	4.316	ug/l	93
40) Benzene	8.32	78	14543	1.575	ug/l	98
52) Toluene	10.39	92	20638	3.333	ug/l	98
64) Tetrachloroethene	10.87	164	13038	5.084	ug/l	96
68) m/p-Xylenes	11.84	106	10177	2.101	ug/l	98

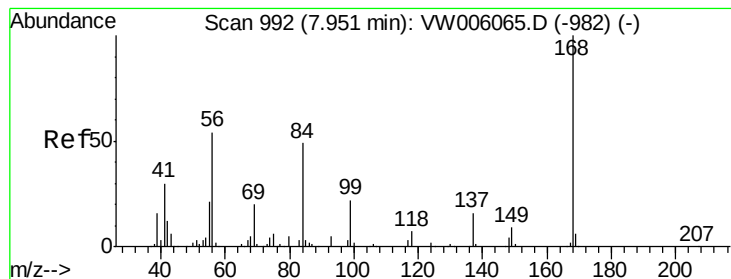
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW103118\
Data File : VW006497.D
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SB-8

Quant Time: Oct 30 14:28:12 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: VW006497.D

Acq: 30 Oct 2018 13:17

Instrument :

MSVOA_W

ClientSampled :

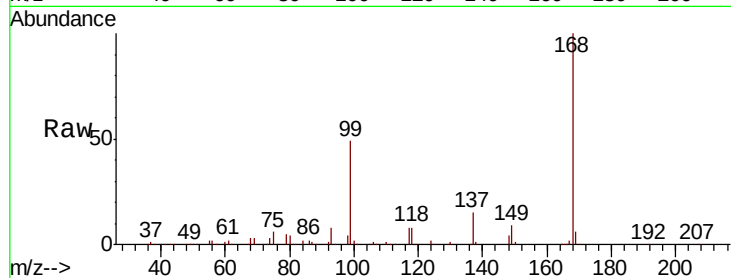
SB-8

Tot Ion:168 Resp: 256245

Ion Ratio Lower Upper

168 100

99 48.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

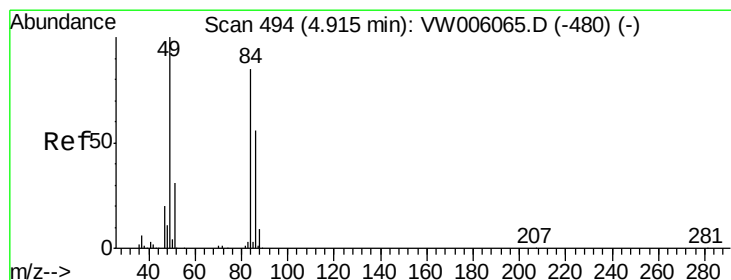
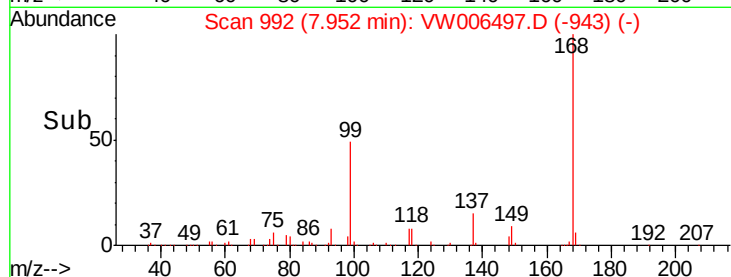
7.95

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 4.316 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW006497.D

Acq: 30 Oct 2018 13:17

Tgt Ion: 84 Resp: 13045

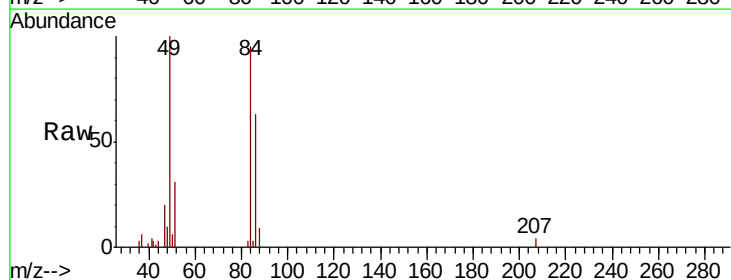
Ion Ratio Lower Upper

84 100

49 105.0 93.6 140.4

51 33.0 29.0 43.4

86 66.4 52.6 79.0



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

4.92

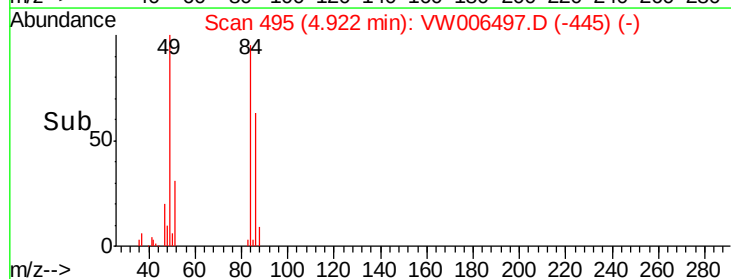
6000

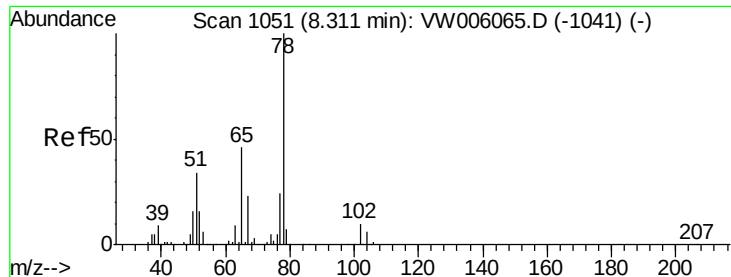
4000

2000

0

Time-->

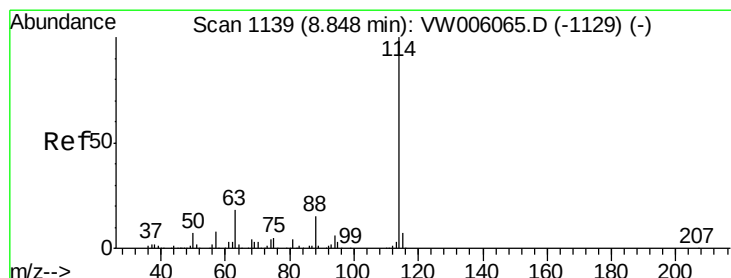
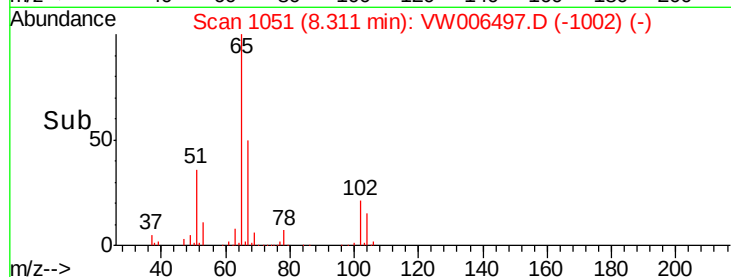
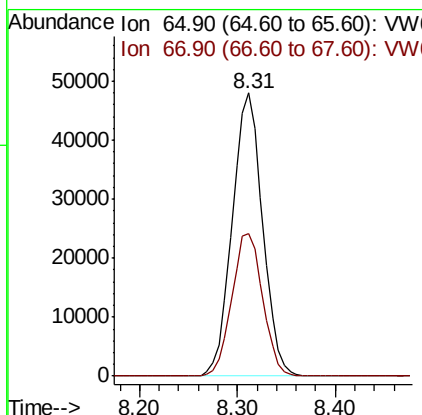
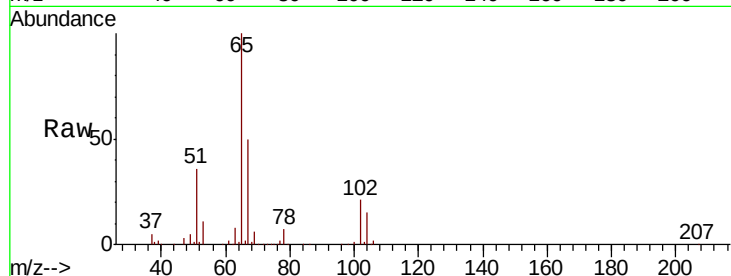




#33
 1,2-Dichloroethane-d4
 Concen: 48.497 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006497.D
 Acq: 30 Oct 2018 13:17

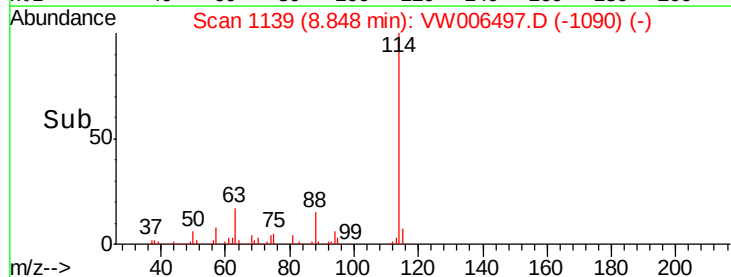
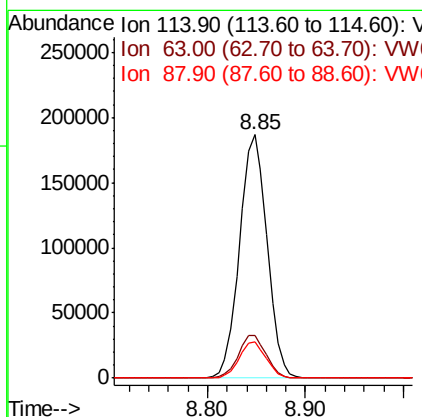
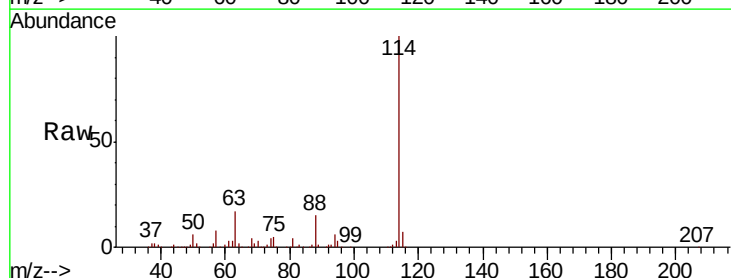
Instrument :
 MSVOA_W
 ClientSampled :
 SB-8

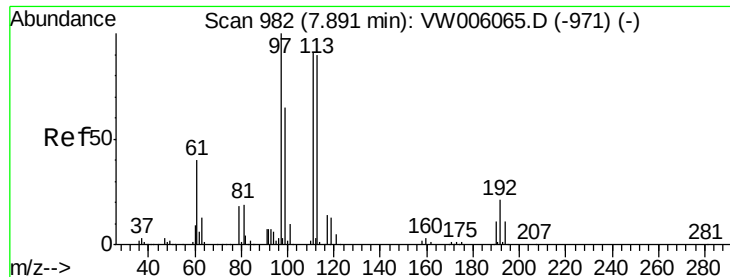
Tot Ion: 65 Resp: 103028
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006497.D
 Acq: 30 Oct 2018 13:17

Tgt Ion: 114 Resp: 365286
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.8
 88 14.8 0.0 29.0

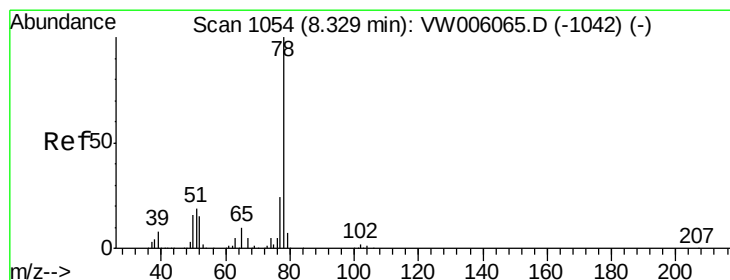
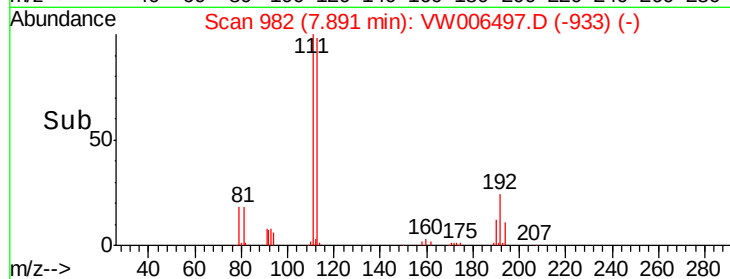
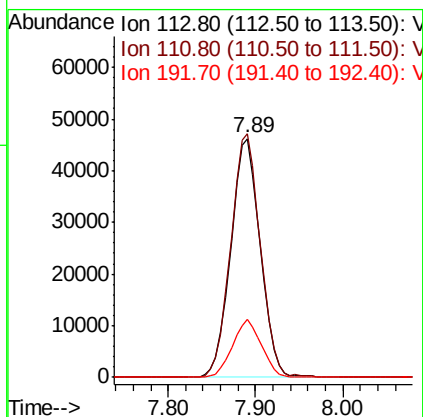
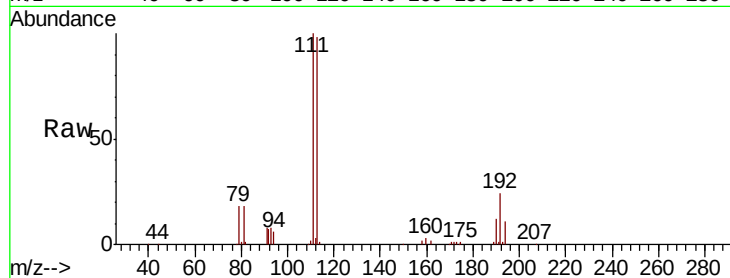




#35
 Dibromofluoromethane
 Concen: 50.031 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006497.D
 Acq: 30 Oct 2018 13:17

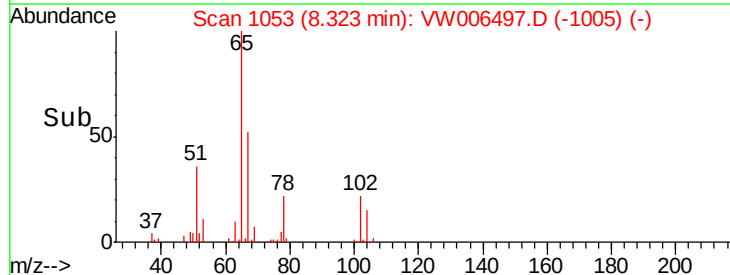
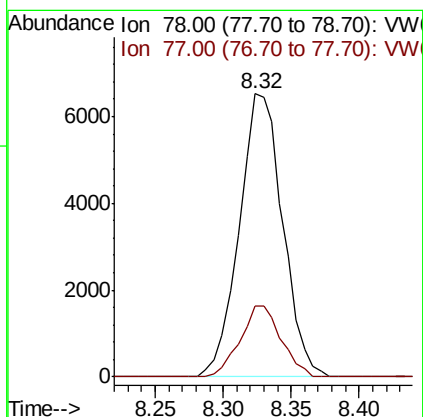
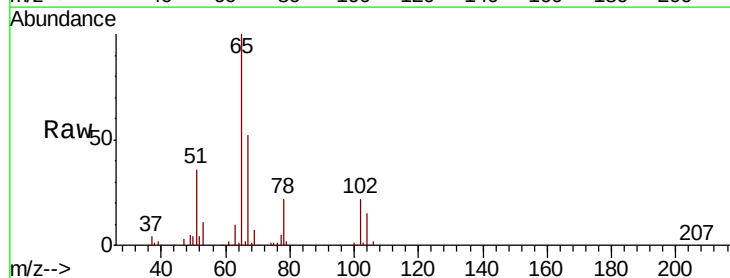
Instrument :
 MSVOA_W
 ClientSampled :
 SB-8

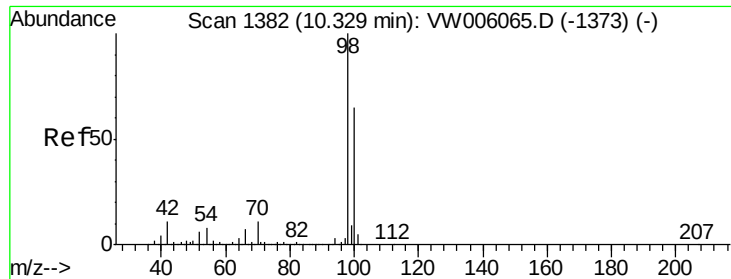
Tot Ion:113 Resp: 107989
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.4 122.0
 192 23.8 18.7 28.1



#40
 Benzene
 Concen: 1.575 ug/l
 RT: 8.32 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VW006497.D
 Acq: 30 Oct 2018 13:17

Tgt Ion: 78 Resp: 14543
 Ion Ratio Lower Upper
 78 100
 77 25.1 19.4 29.0

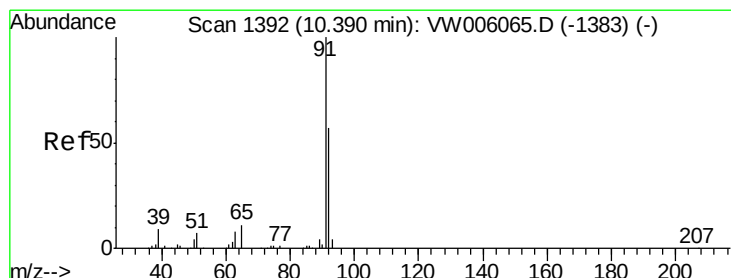
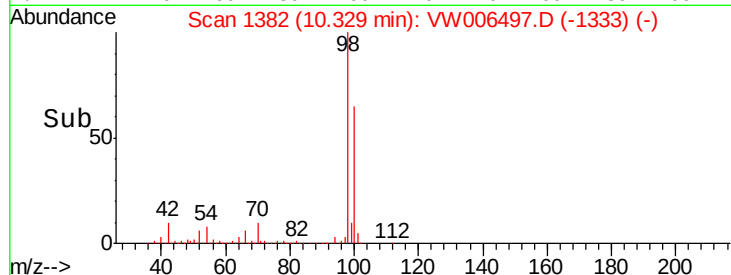
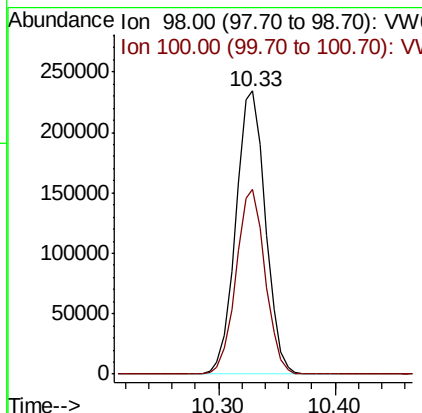
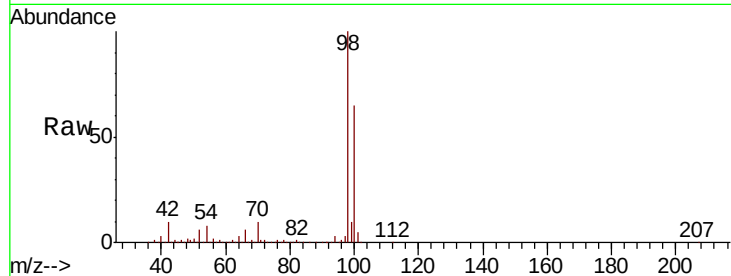




#50
Toluene-d8
Concen: 50.605 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006497.D
Acq: 30 Oct 2018 13:17

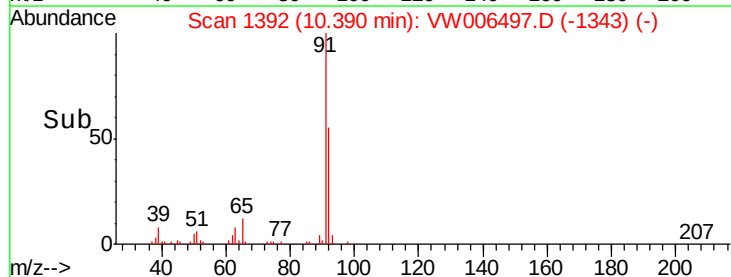
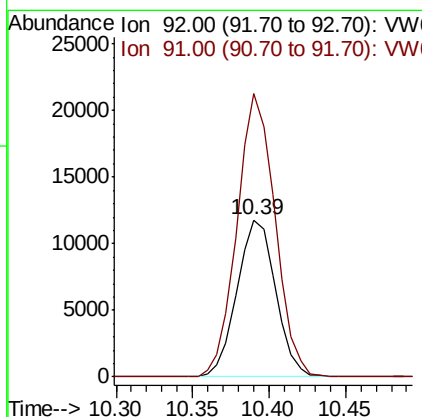
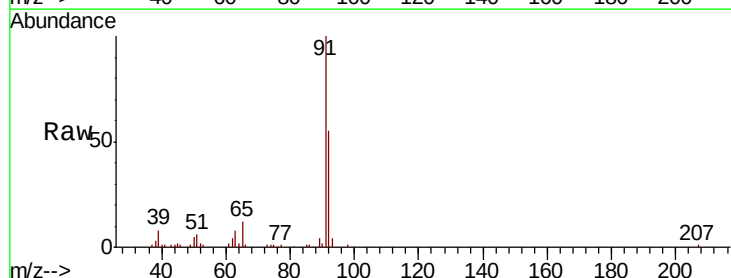
Instrument :
MSVOA_W
ClientSampled :
SB-8

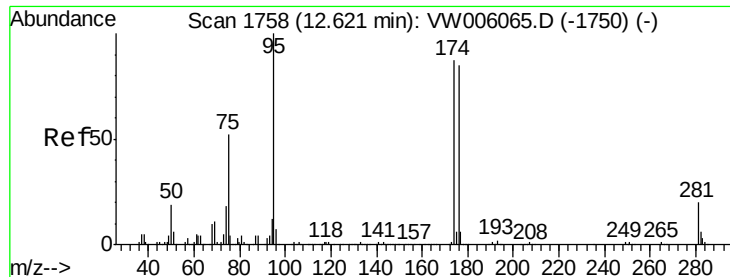
Tot Ion: 98 Resp: 415561
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



#52
Toluene
Concen: 3.333 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006497.D
Acq: 30 Oct 2018 13:17

Tgt Ion: 92 Resp: 20638
Ion Ratio Lower Upper
92 100
91 177.9 140.0 210.0





#62

4-Bromofluorobenzene

Concen: 46.325 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006497.D

Acq: 30 Oct 2018 13:17

Instrument :

MSVOA_W

ClientSampleId :

SB-8

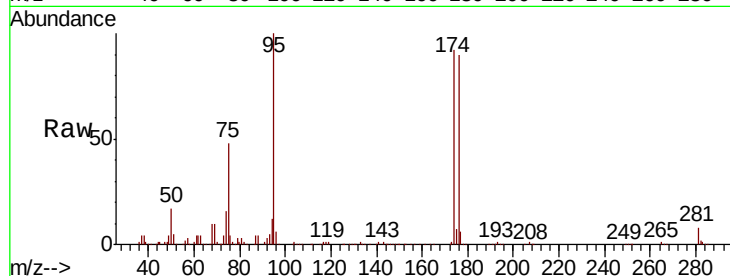
Tot Ion: 95 Resp: 142878

Ion Ratio Lower Upper

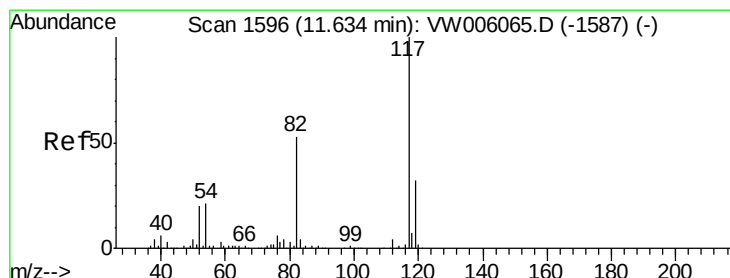
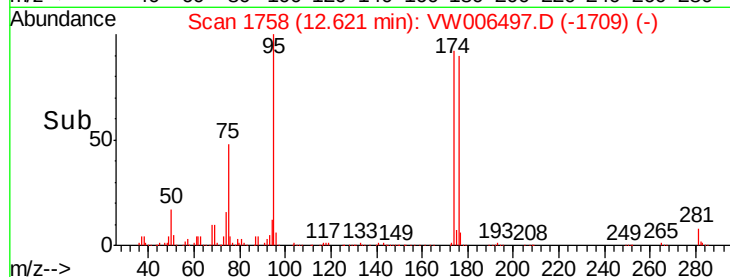
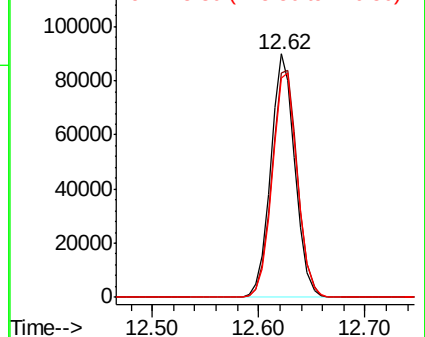
95 100

174 98.0 0.0 186.0

176 95.2 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: VW006497.D

Acq: 30 Oct 2018 13:17

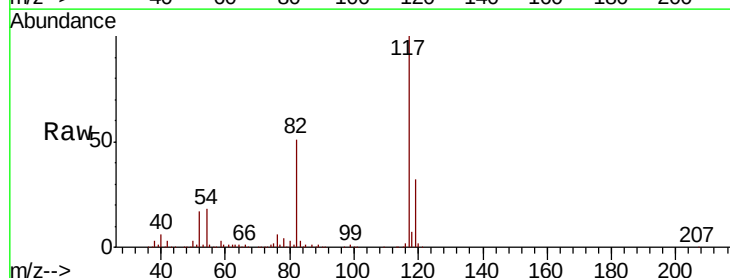
Tgt Ion: 117 Resp: 330340

Ion Ratio Lower Upper

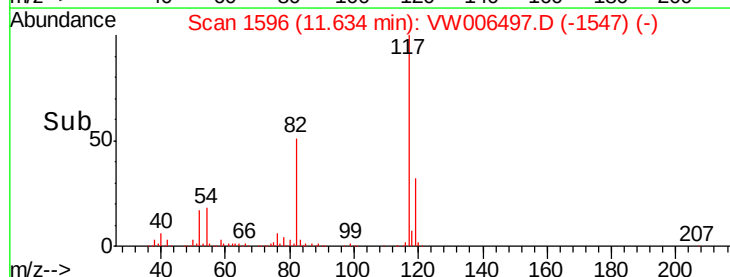
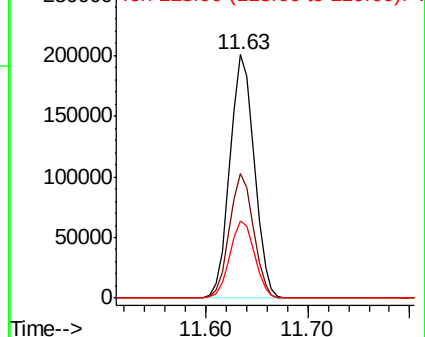
117 100

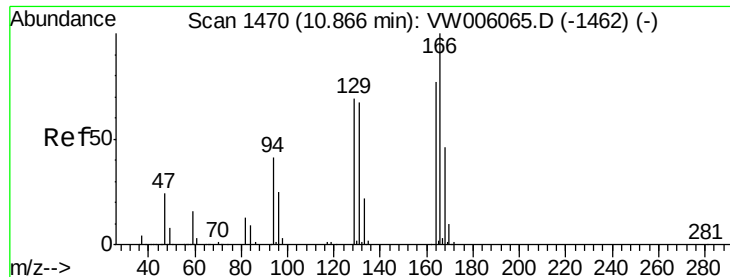
82 51.1 42.1 63.1

119 31.6 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





#64

Tetrachloroethene

Concen: 5.084 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW006497.D

Acq: 30 Oct 2018 13:17

Instrument :

MSVOA_W

ClientSampled :

SB-8

Tot Ion:164 Resp: 13038

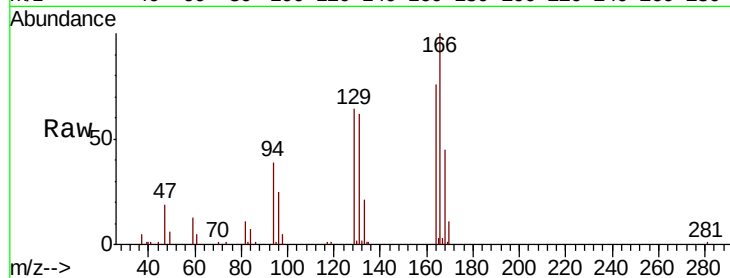
Ion Ratio Lower Upper

164 100

166 132.2 103.4 155.0

129 84.1 71.8 107.8

131 82.5 69.5 104.3

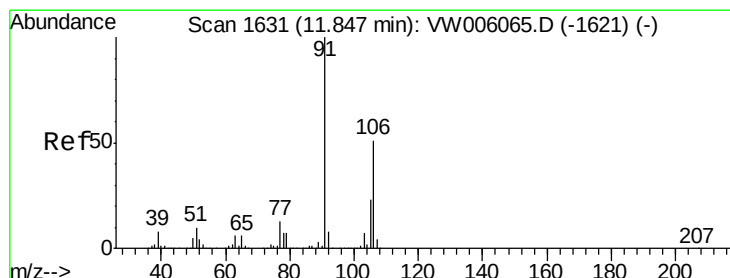
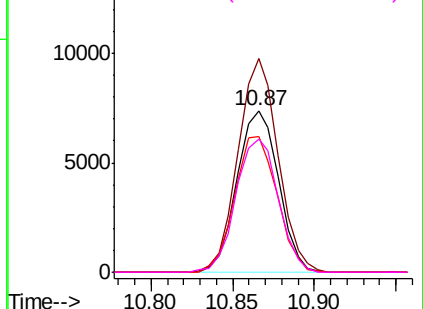
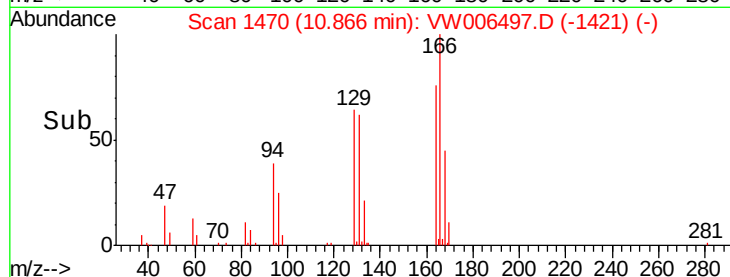


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#68

m/p-Xylenes

Concen: 2.101 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.01 min

Lab File: VW006497.D

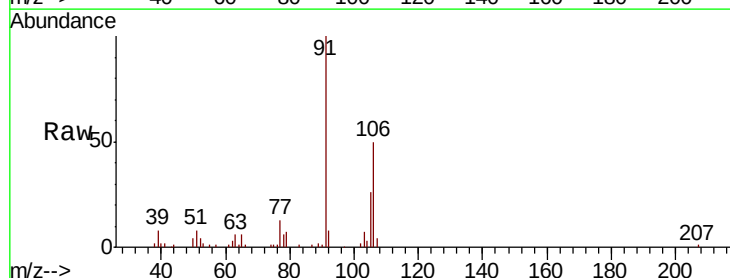
Acq: 30 Oct 2018 13:17

Tgt Ion:106 Resp: 10177

Ion Ratio Lower Upper

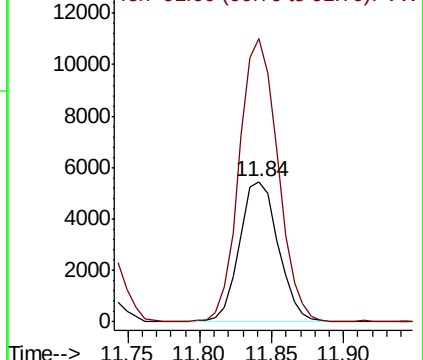
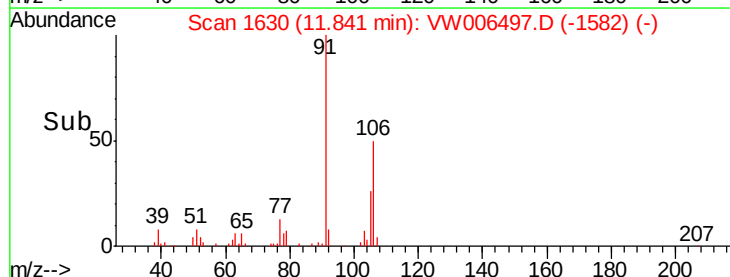
106 100

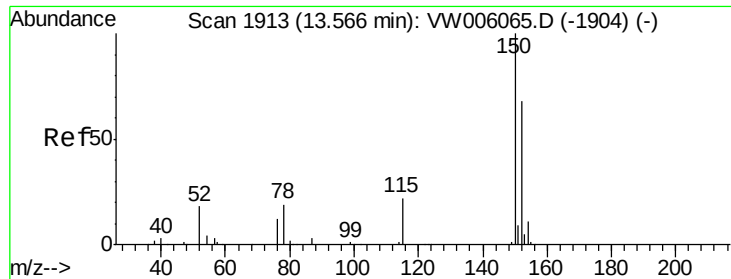
91 201.4 159.1 238.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): 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: VW006497.D

Acq: 30 Oct 2018 13:17

Instrument :

MSVOA_W

ClientSampleId :

SB-8

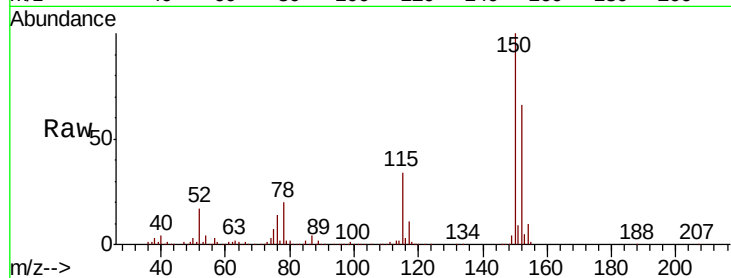
Tot Ion:152 Resp: 177032

Ion Ratio Lower Upper

152 100

115 53.1 27.8 83.3

150 154.7 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

