

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006833.D
 Acq On : 13 Nov 2018 04:26
 Operator : SY/AP
 Sample : J5910-07
 Misc : 5.47G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 W-4-D

Quant Time: Nov 13 07:25:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

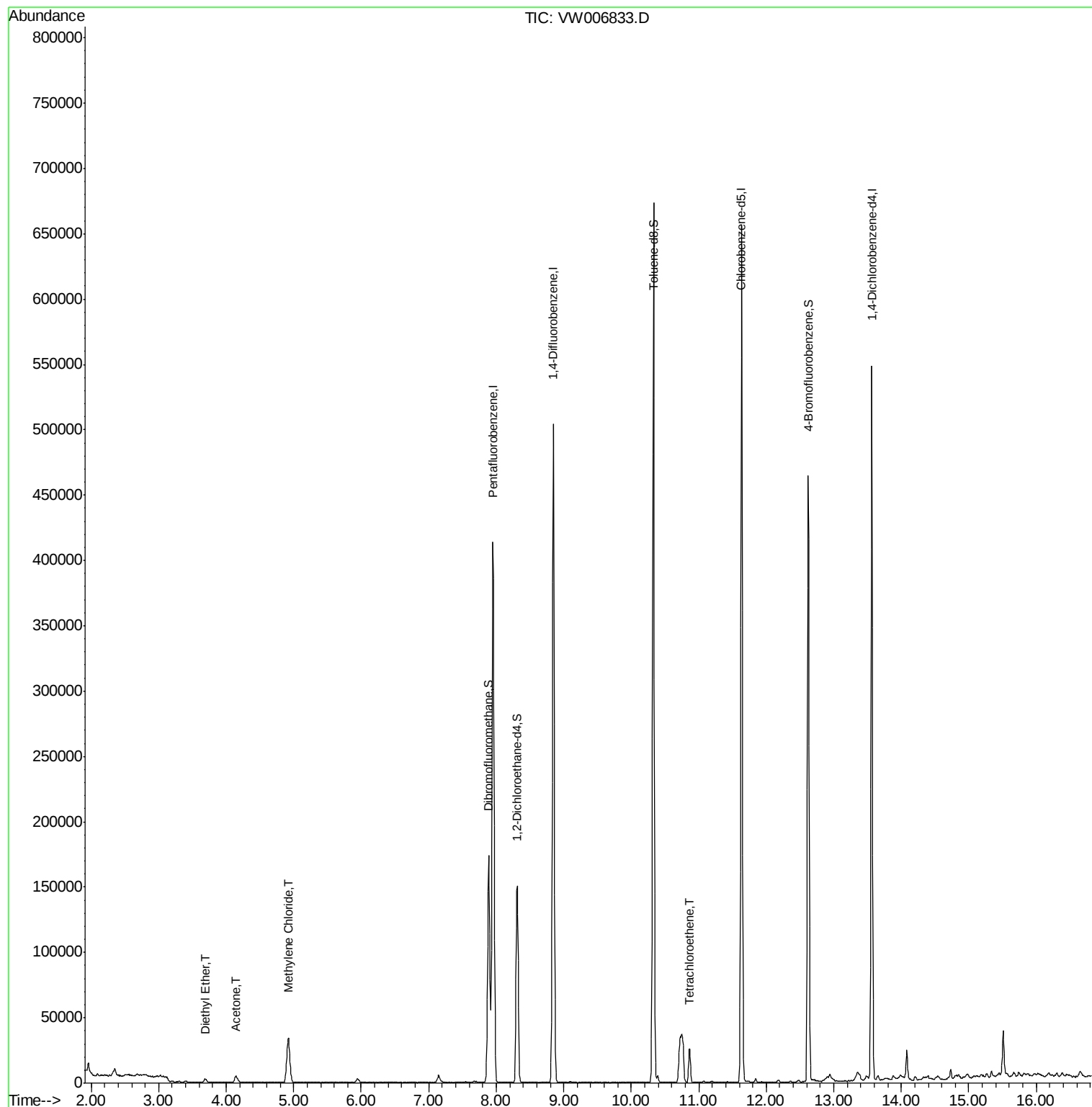
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	343578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	462730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	390100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	155104	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	121121	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
35) Dibromofluoromethane	7.89	113	123939	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.96%	
50) Toluene-d8	10.33	98	481783	42.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.36%	
62) 4-Bromofluorobenzene	12.62	95	133254	31.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.36%	
Target Compounds						
8) Diethyl Ether	3.70	74	1653	1.243	ug/l	90
16) Acetone	4.15	43	9691	26.867	ug/l	99
20) Methylene Chloride	4.92	84	29306	4.158	ug/l	93
64) Tetrachloroethene	10.87	164	6512	2.083	ug/l	93

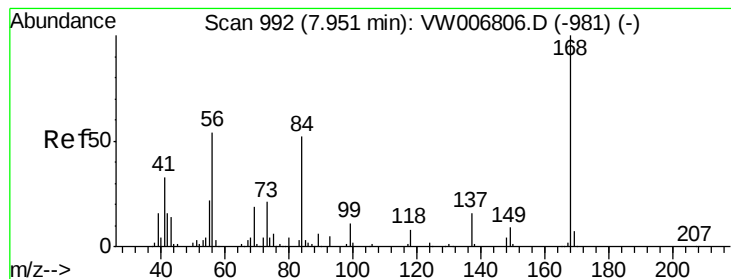
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

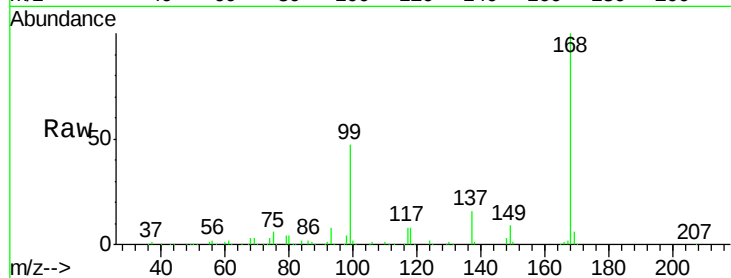
W-4-D

Tgt Ion:168 Resp: 343578

Ion Ratio Lower Upper

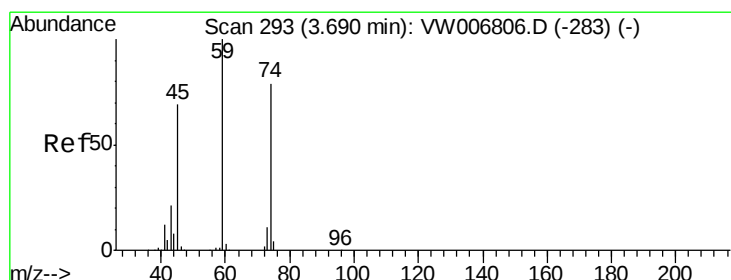
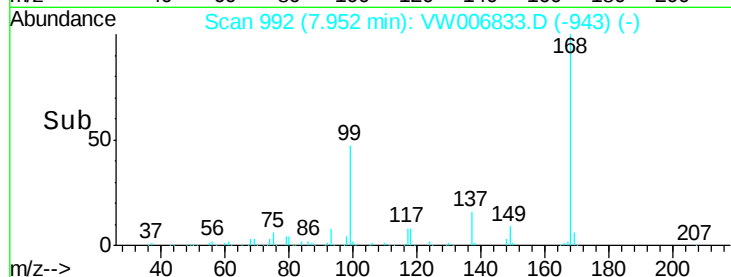
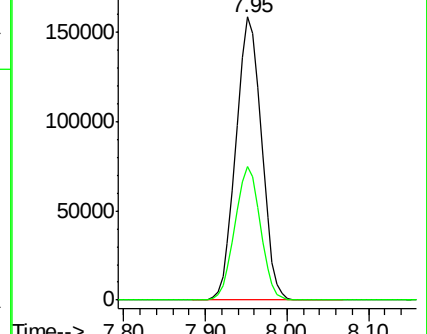
168 100

99 47.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.243 ug/l

RT: 3.70 min Scan# 294

Delta R.T. 0.01 min

Lab File: VW006833.D

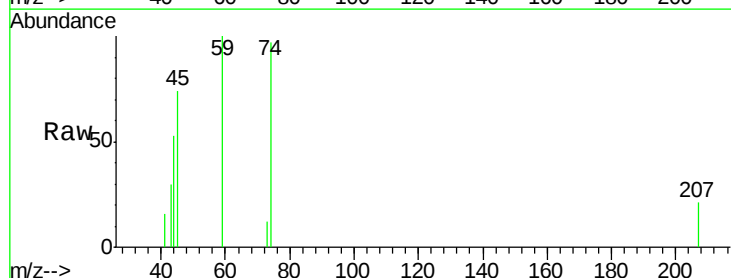
Acq: 13 Nov 2018 04:26

Tgt Ion: 74 Resp: 1653

Ion Ratio Lower Upper

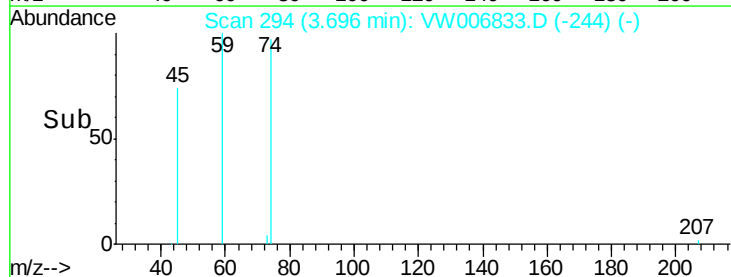
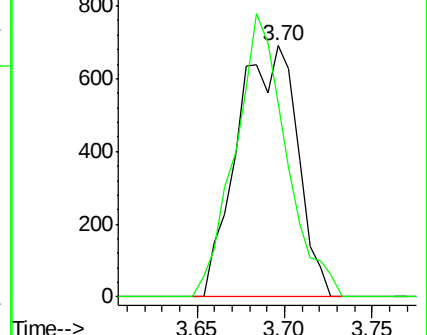
74 100

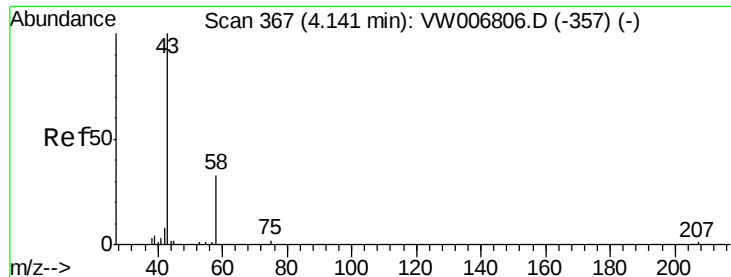
45 95.1 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 26.867 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006833.D

Acq: 13 Nov 2018 04:26

Instrument :

MSVOA_W

ClientSampleId :

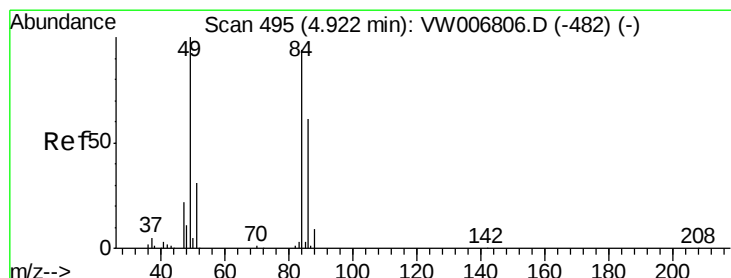
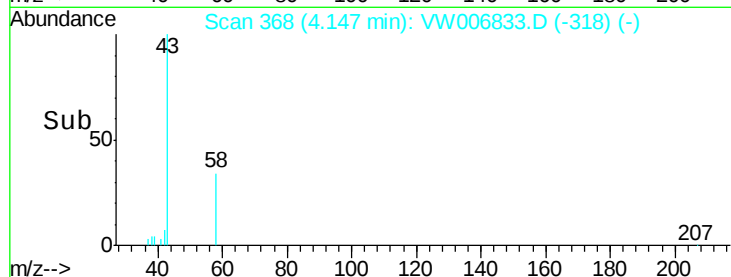
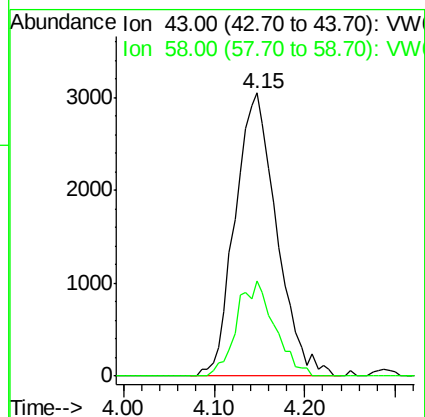
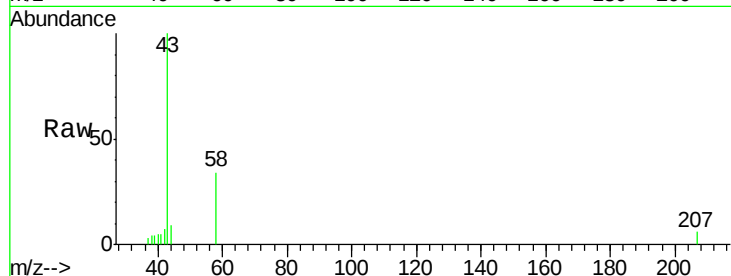
W-4-D

Tgt Ion: 43 Resp: 9691

Ion Ratio Lower Upper

43 100

58 33.7 26.5 39.7



#20

Methylene Chloride

Concen: 4.158 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW006833.D

Acq: 13 Nov 2018 04:26

Tgt Ion: 84 Resp: 29306

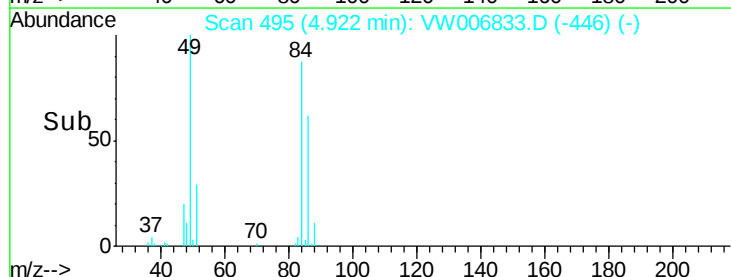
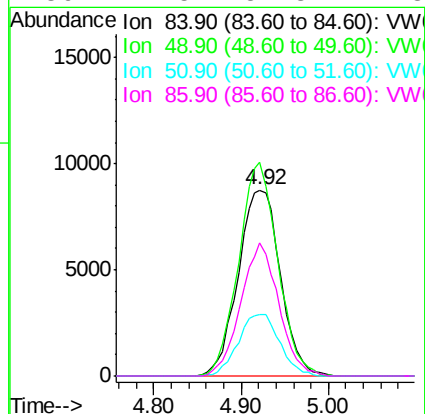
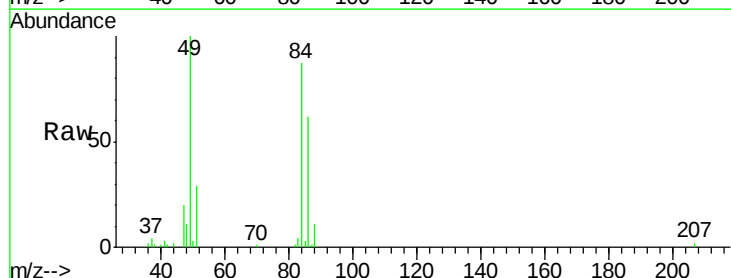
Ion Ratio Lower Upper

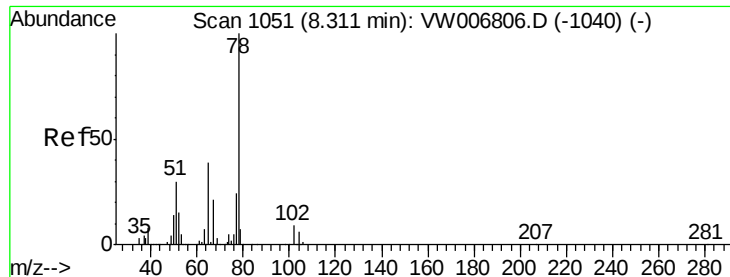
84 100

49 114.7 84.8 127.2

51 33.0 26.2 39.4

86 71.5 51.8 77.8





#33

1,2-Dichloroethane-d4

Concen: 48.224 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006833.D

Acq: 13 Nov 2018 04:26

Instrument :

MSVOA_W

ClientSampleId :

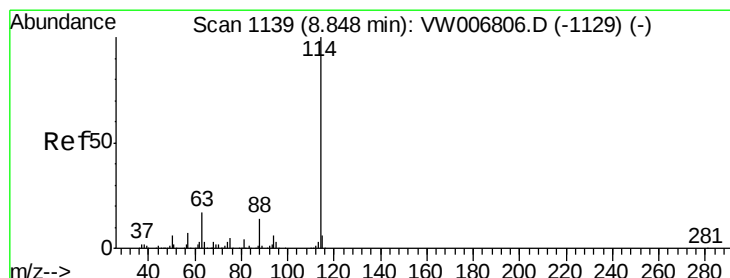
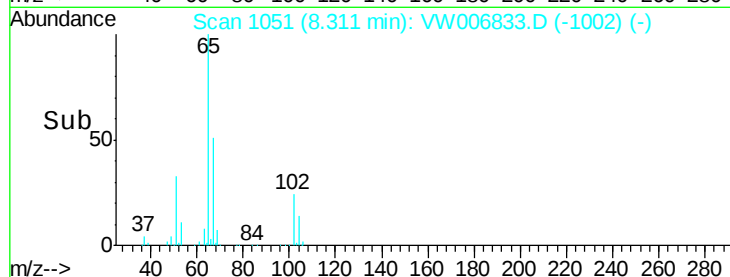
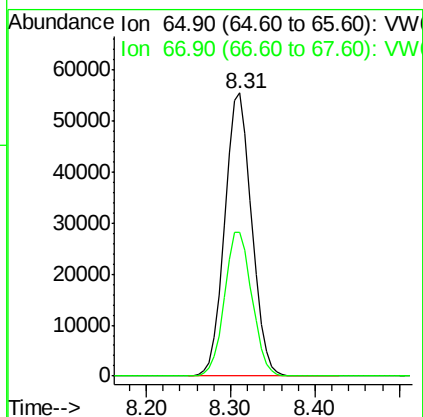
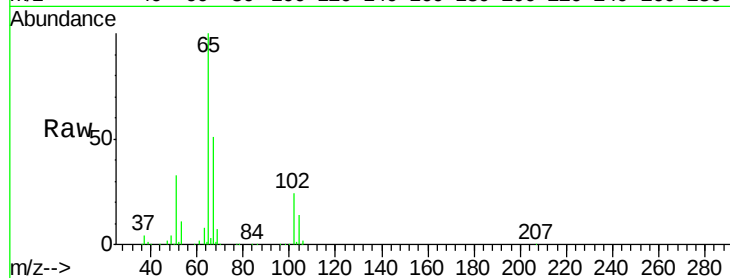
W-4-D

Tgt Ion: 65 Resp: 121121

Ion Ratio Lower Upper

65 100

67 51.7 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: VW006833.D

Acq: 13 Nov 2018 04:26

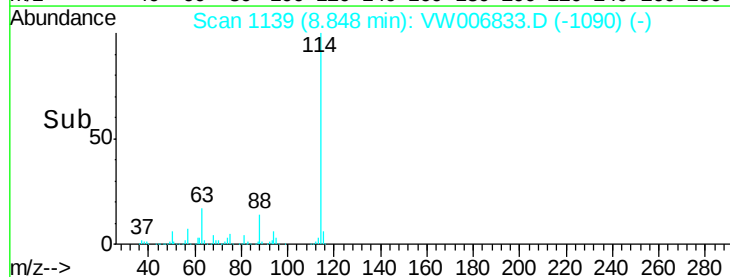
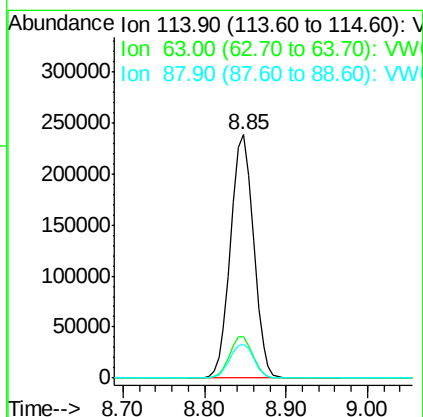
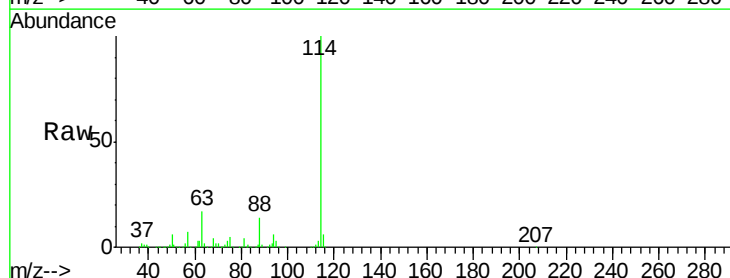
Tgt Ion: 114 Resp: 462730

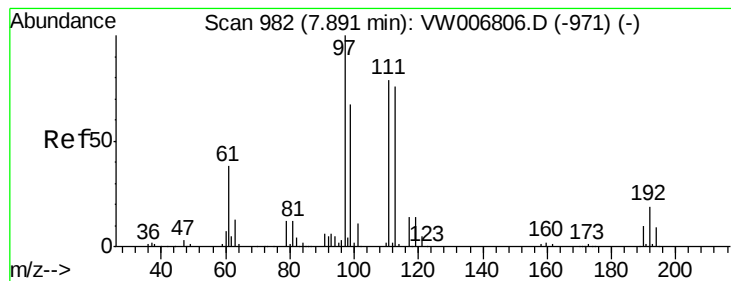
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.6

88 13.9 0.0 28.4





#35

Dibromofluoromethane

Concen: 44.980 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006833.D

Acq: 13 Nov 2018 04:26

Instrument :

MSVOA_W

ClientSampleId :

W-4-D

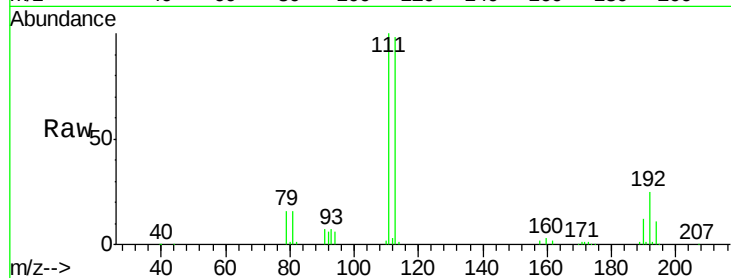
Tgt Ion:113 Resp: 123939

Ion Ratio Lower Upper

113 100

111 102.9 81.0 121.6

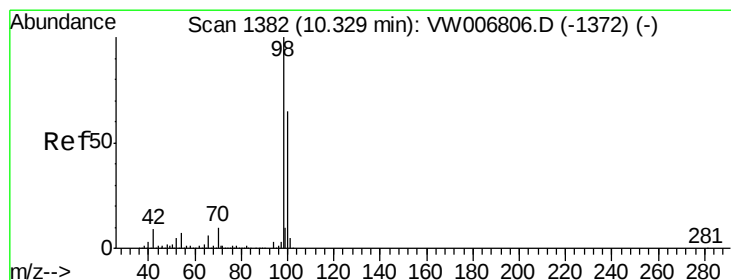
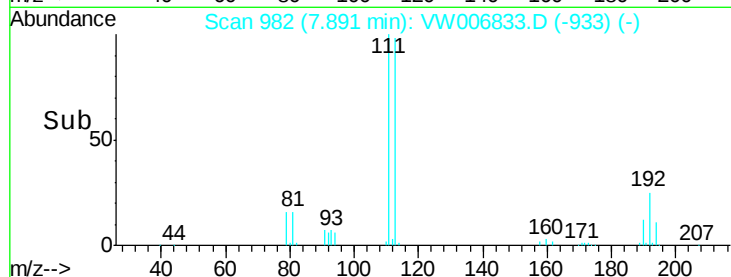
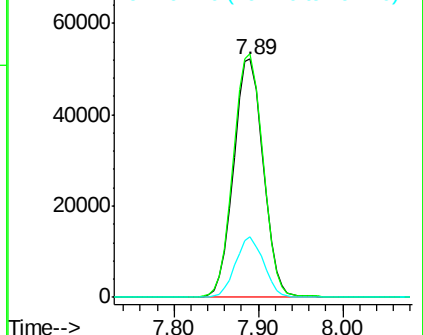
192 24.3 19.0 28.6



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



#50

Toluene-d8

Concen: 42.185 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006833.D

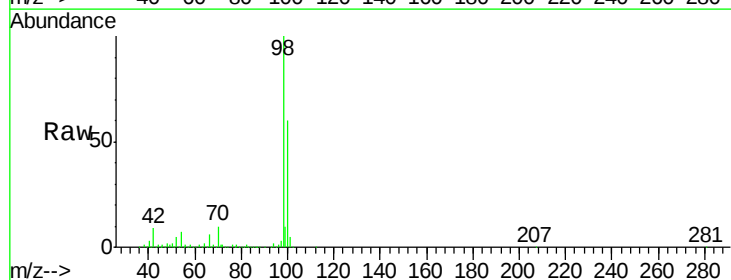
Acq: 13 Nov 2018 04:26

Tgt Ion: 98 Resp: 481783

Ion Ratio Lower Upper

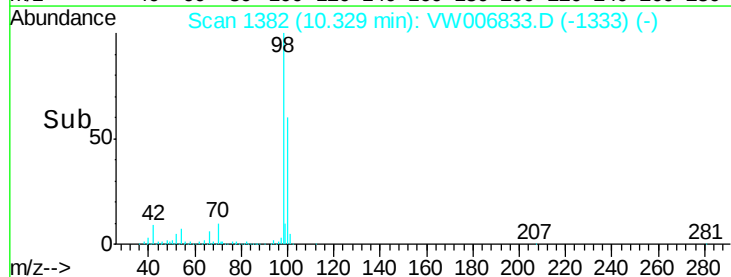
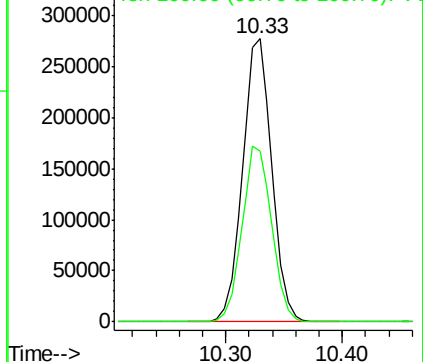
98 100

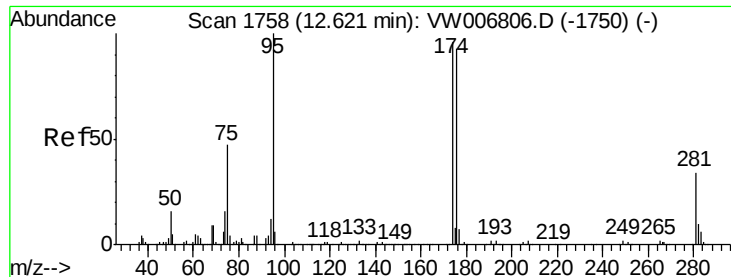
100 63.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

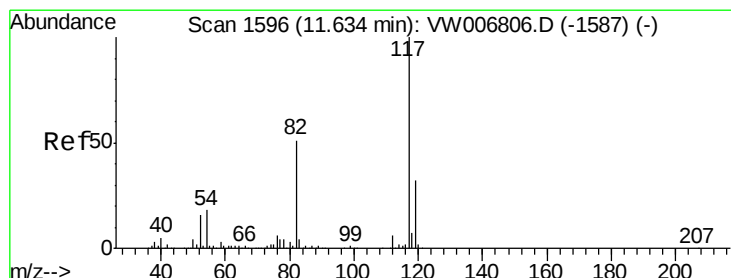
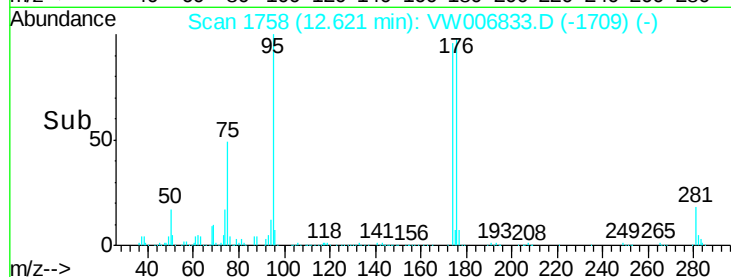
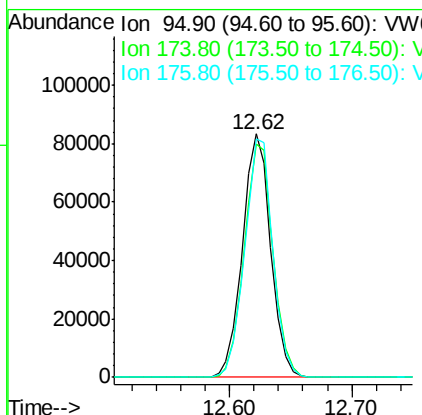
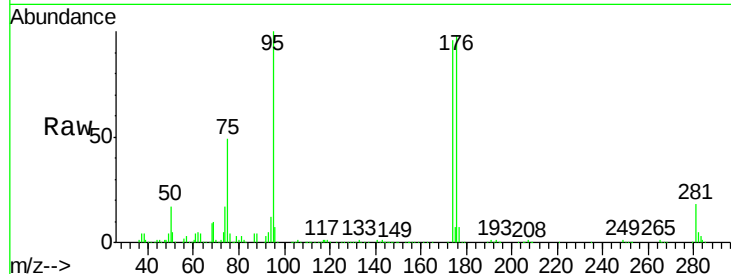




#62
4-Bromofluorobenzene
Concen: 31.679 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006833.D
Acq: 13 Nov 2018 04:26

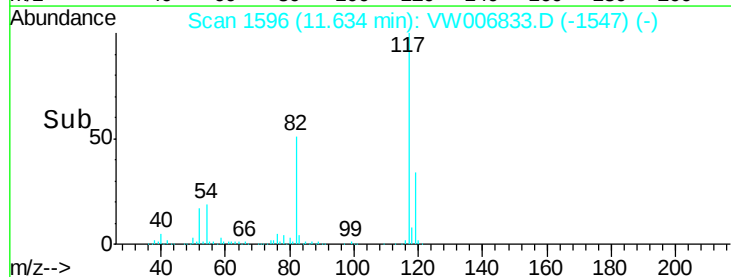
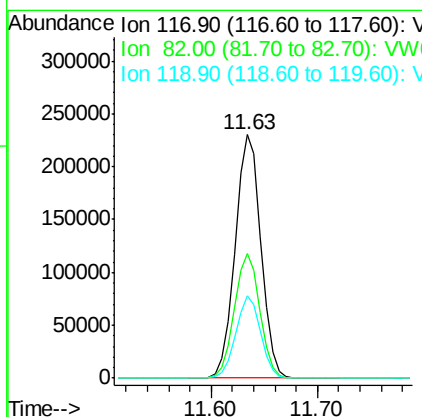
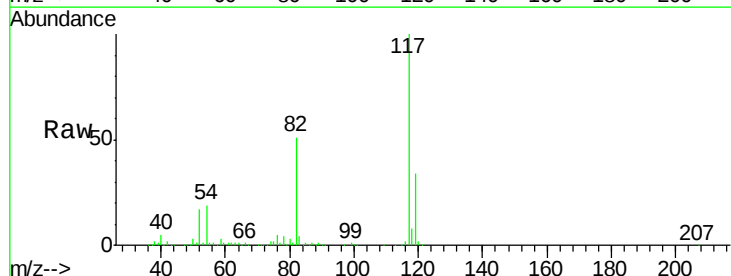
Instrument :
MSVOA_W
ClientSampled :
W-4-D

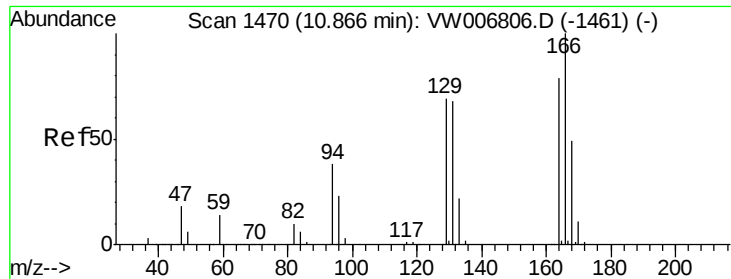
Tgt Ion: 95 Resp: 133254
Ion Ratio Lower Upper
95 100
174 98.0 0.0 196.6
176 97.6 0.0 191.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006833.D
Acq: 13 Nov 2018 04:26

Tgt Ion: 117 Resp: 390100
Ion Ratio Lower Upper
117 100
82 50.9 40.6 61.0
119 33.8 25.5 38.3

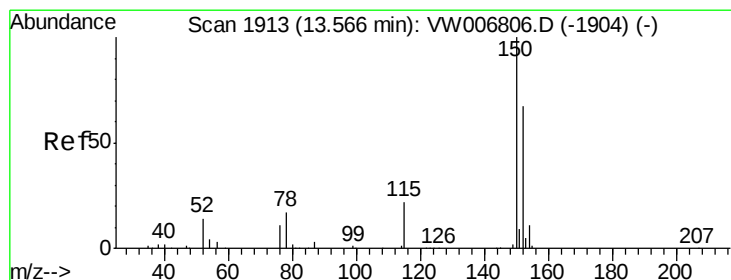
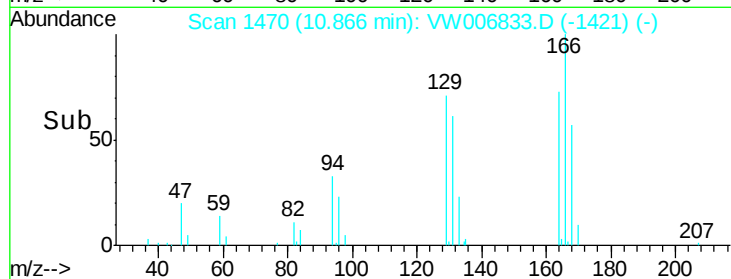
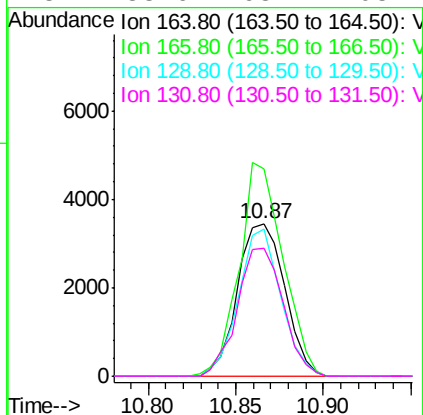
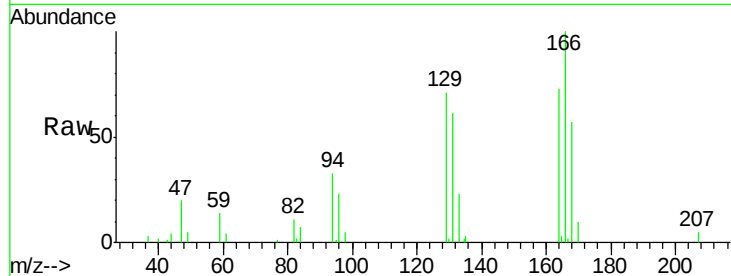




#64
Tetrachloroethene
Concen: 2.083 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006833.D
Acq: 13 Nov 2018 04:26

Instrument :
MSVOA_W
ClientSampleId :
W-4-D

Tgt Ion:164 Resp: 6512
Ion Ratio Lower Upper
164 100
166 136.3 101.3 151.9
129 96.8 69.6 104.4
131 83.6 68.7 103.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006833.D
Acq: 13 Nov 2018 04:26

Tgt Ion:152 Resp: 155104
Ion Ratio Lower Upper
152 100
115 54.0 27.3 81.8
150 159.9 0.0 353.0

