

Data File : VW006833.D
Acq On : 13 Nov 2018 04:26
Operator : SY/AP
Sample : J5860-02RE
Misc : 4.69G/5ML/MSVOA_W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
W-4-D

Quant Time: Nov 13 07:16:29 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%	

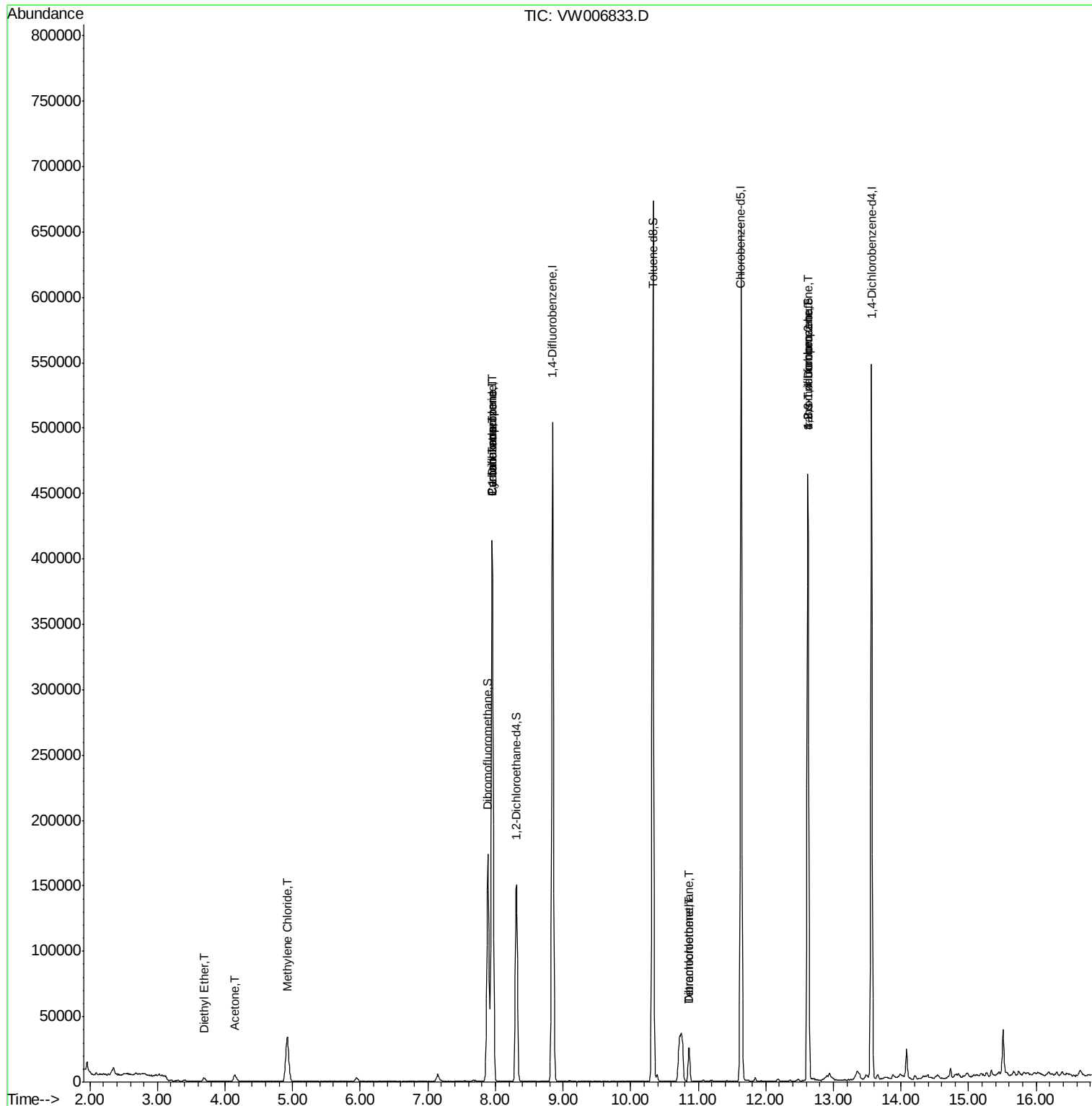
Target Compounds			Qvalue			
8) Diethyl Ether	3.70	74	1653	1.243	ug/l	90
16) Acetone	4.15	43	9691	26.867	ug/l	99
20) Methylene Chloride	4.92	84	29306	4.158	ug/l	93
31) Cyclohexane	7.95	56	5165	1.073	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20812	4.806	ug/l #	47
38) Carbon Tetrachloride	7.95	117	29311	6.228	ug/l #	15
60) Dibromochloromethane	10.87	129	4987	1.758	ug/l #	11
64) Tetrachloroethene	10.87	164	6512	2.083	ug/l	93
76) 1,2,3-Trichloropropane	12.62	75	64655	57.842	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	64655	143.077	ug/l #	13

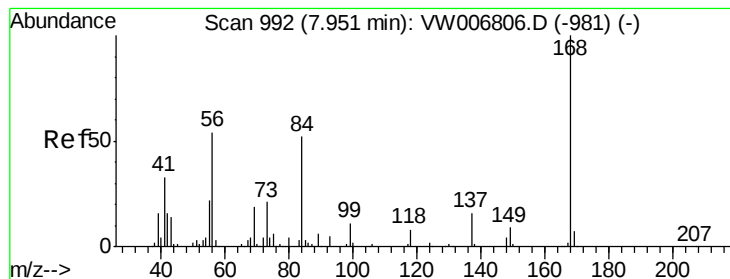
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006833.D

Acq: 13 Nov 2018 04:26

Instrument :

MSVOA_W

ClientSampleId :

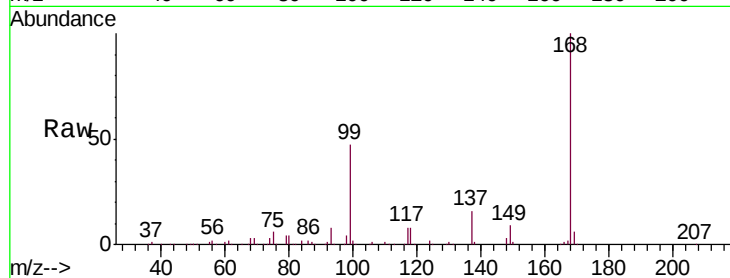
W-4-D

Tgt Ion:168 Resp: 343578

Ion Ratio Lower Upper

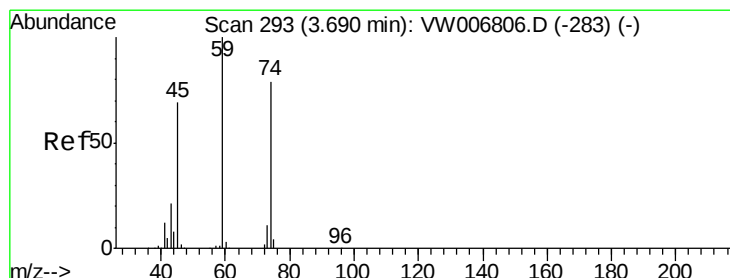
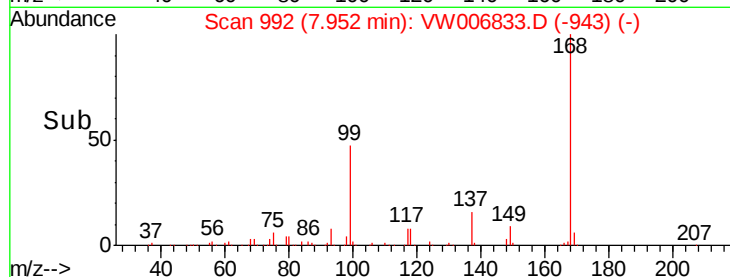
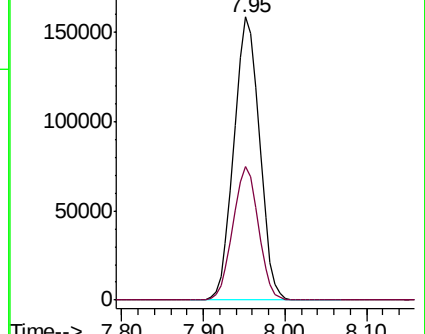
168 100

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

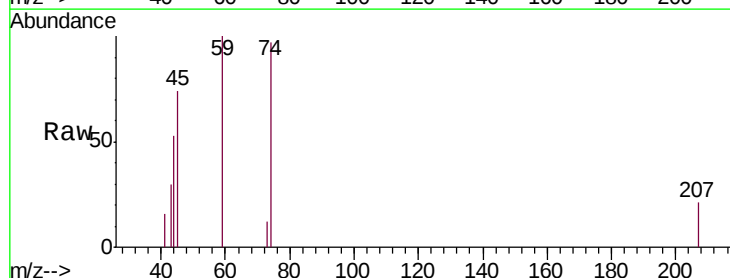
Acq: 13 Nov 2018 04:26

Tgt Ion: 74 Resp: 1653

Ion Ratio Lower Upper

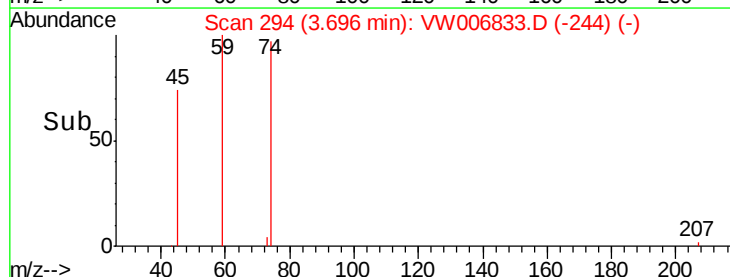
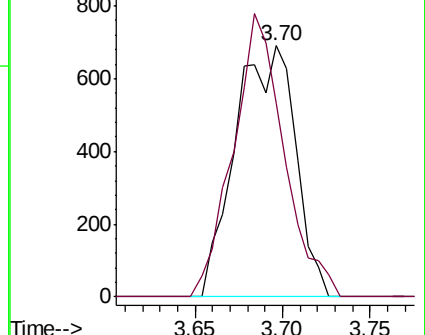
74 100

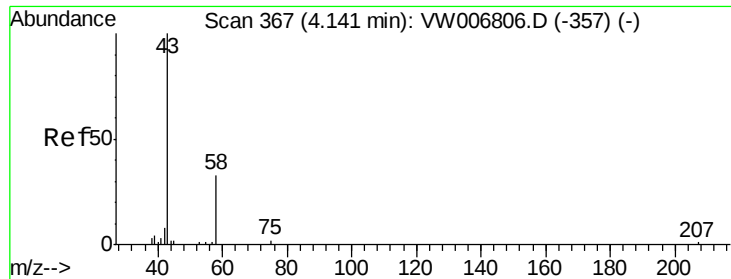
45 95.1 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

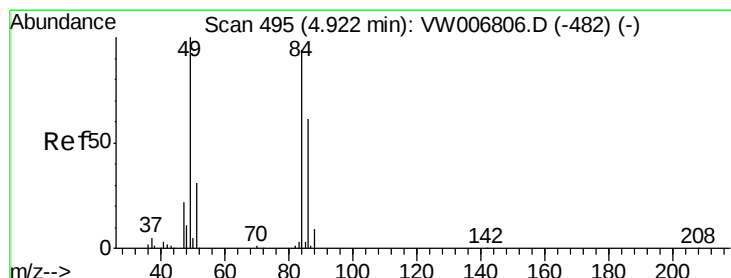
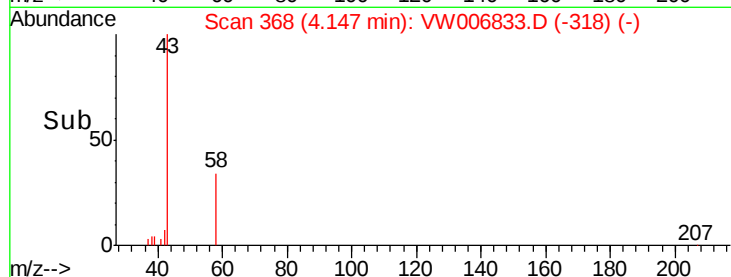
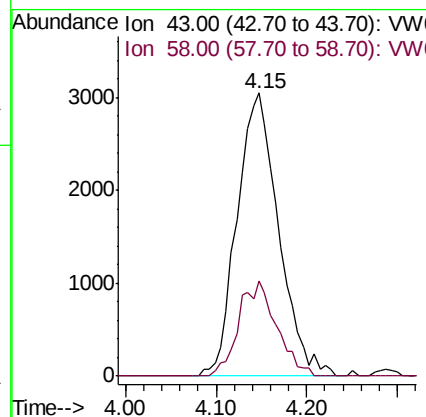
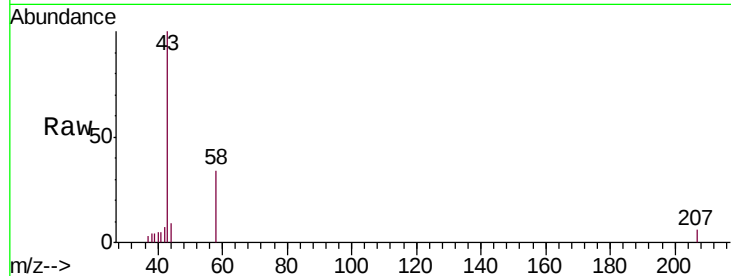




#16
Acetone
Concen: 26.867 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.01 min
Lab File: VW006833.D
Acq: 13 Nov 2018 04:26

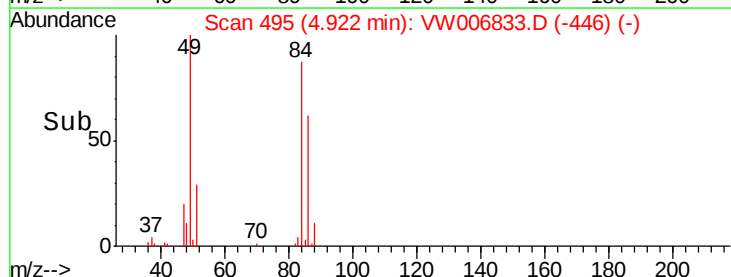
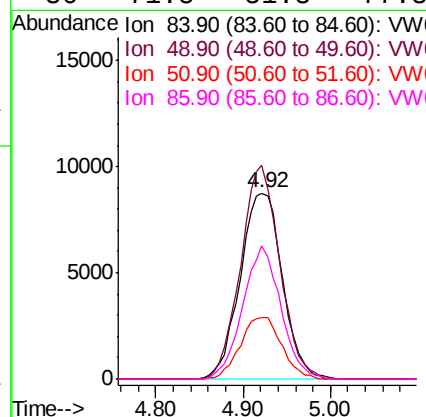
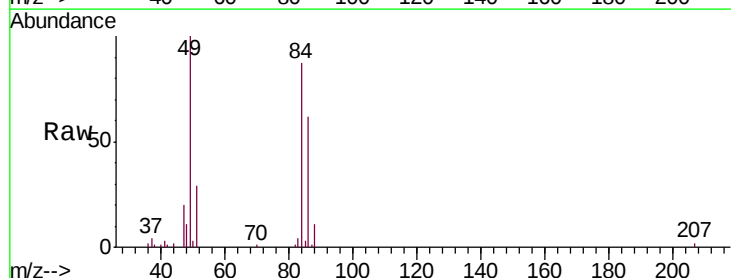
Instrument :
MSVOA_W
ClientSampleId :
W-4-D

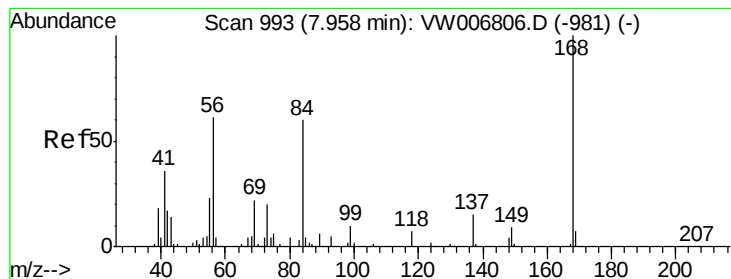
Tgt Ion: 43 Resp: 9691
Ion Ratio Lower Upper
43 100
58 33.7 26.5 39.7



#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





#31

Cyclohexane

Concen: 1.073 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006833.D

Acq: 13 Nov 2018 04:26

Instrument :

MSVOA_W

ClientSampleId :

W-4-D

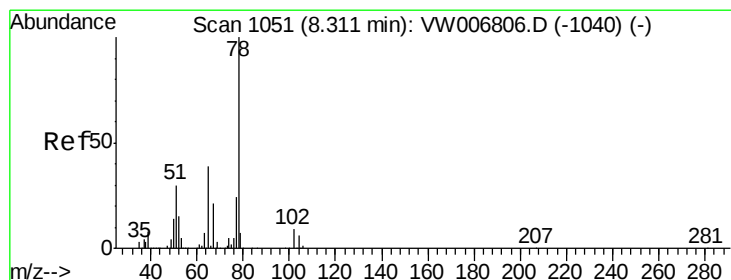
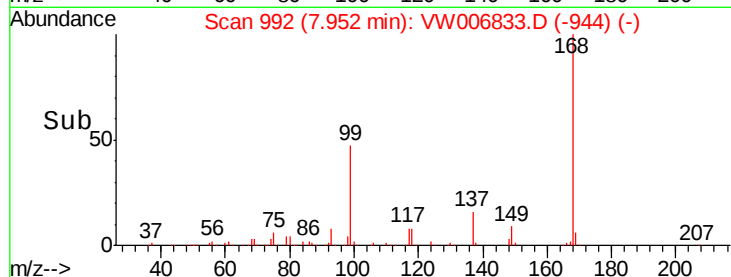
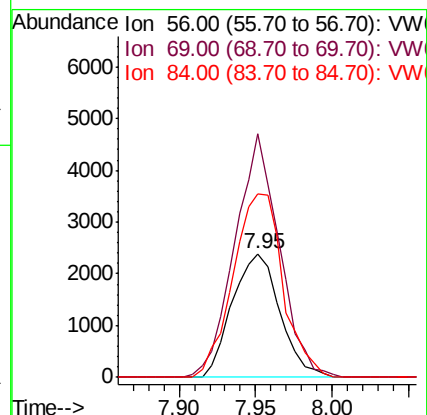
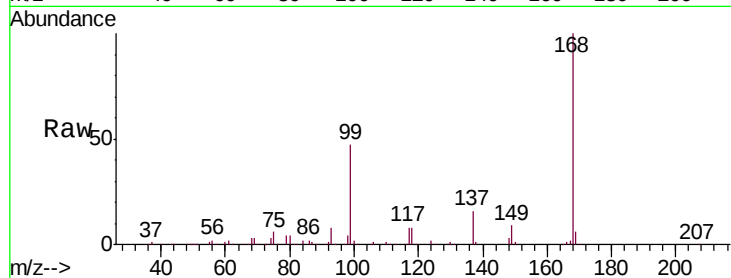
Tgt Ion: 56 Resp: 5165

Ion Ratio Lower Upper

56 100

69 197.3 28.9 43.3#

84 148.5 79.0 118.4#



#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

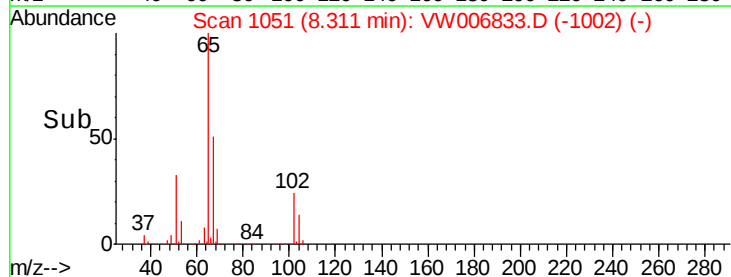
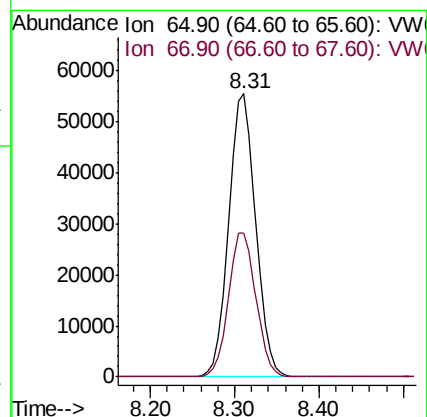
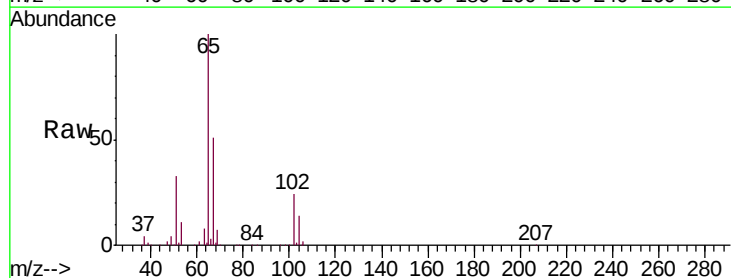
Acq: 13 Nov 2018 04:26

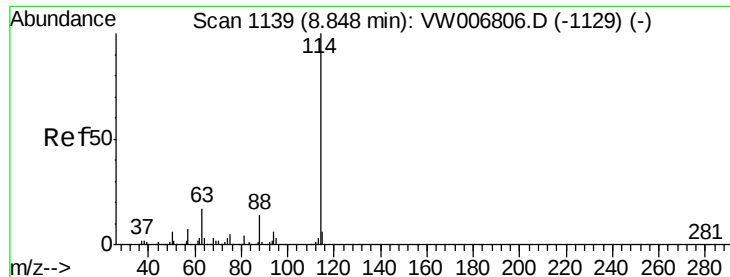
Tgt Ion: 65 Resp: 121121

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.4

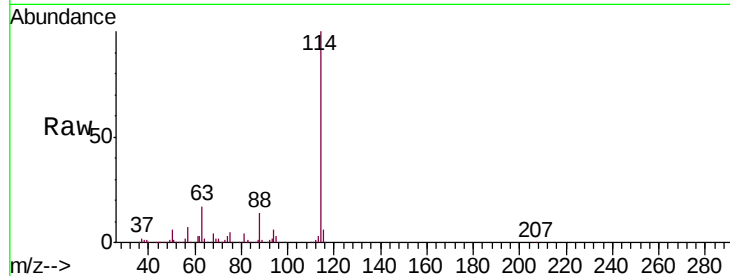




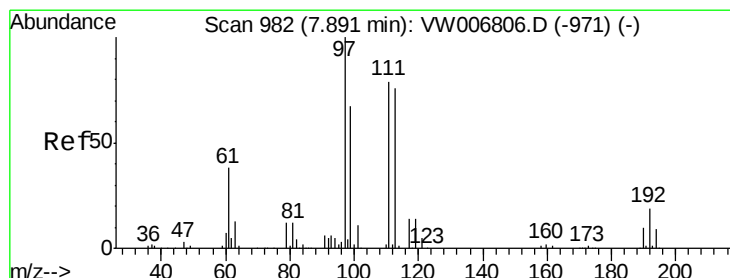
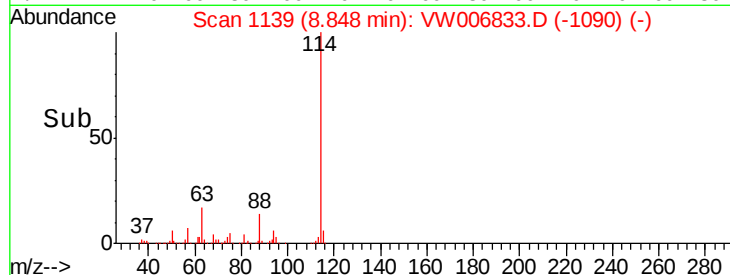
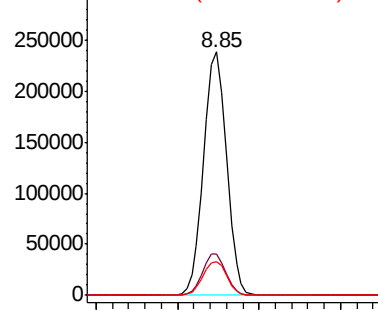
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006833.D
 Acq: 13 Nov 2018 04:26

Instrument :
 MSVOA_W
 ClientSampleId :
 W-4-D

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

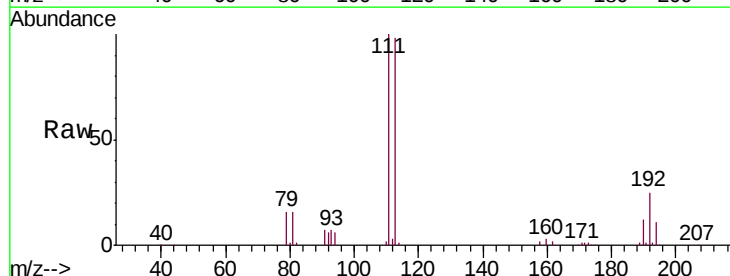


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

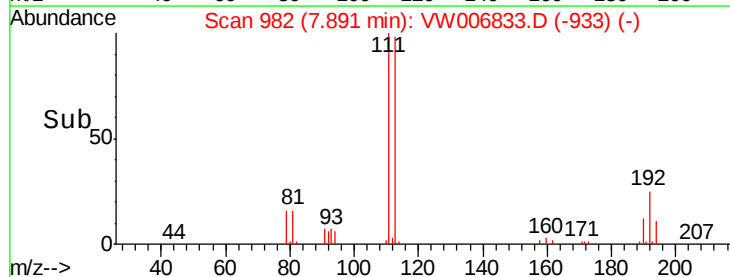
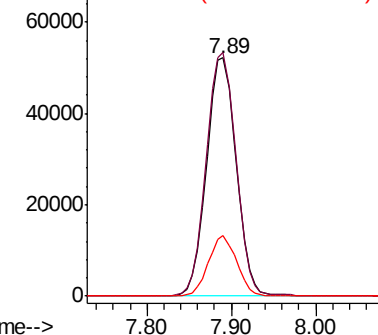


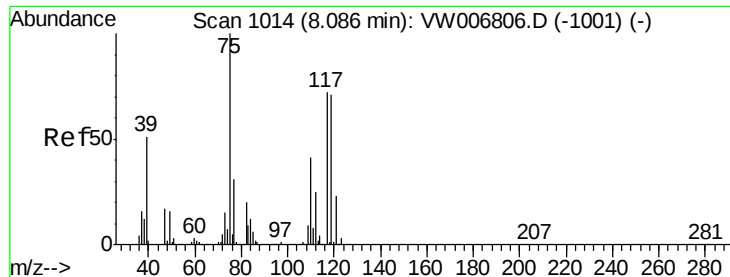
#35
 Dibromofluoromethane
 Concen: 44.980 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006833.D
 Acq: 13 Nov 2018 04:26

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

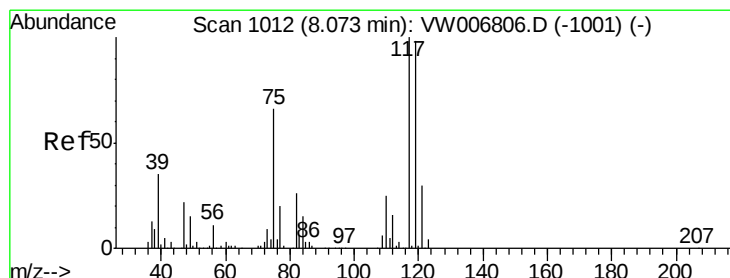
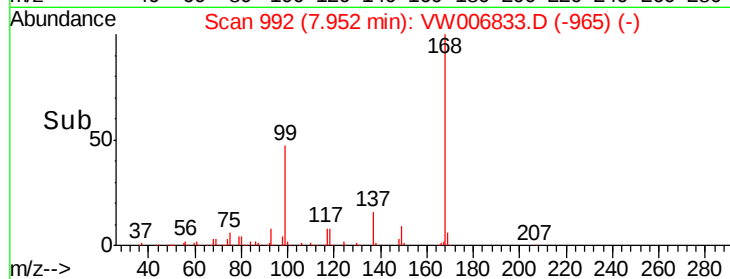
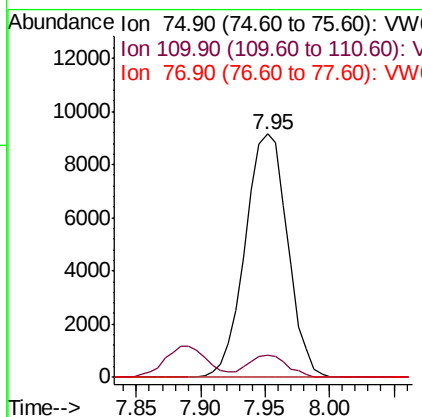
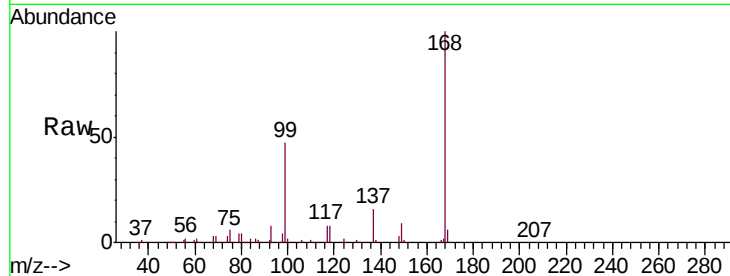




#36
 1,1-Dichloropropene
 Concen: 4.806 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006833.D
 Acq: 13 Nov 2018 04:26

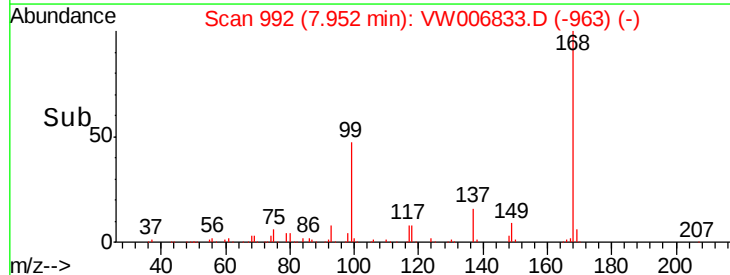
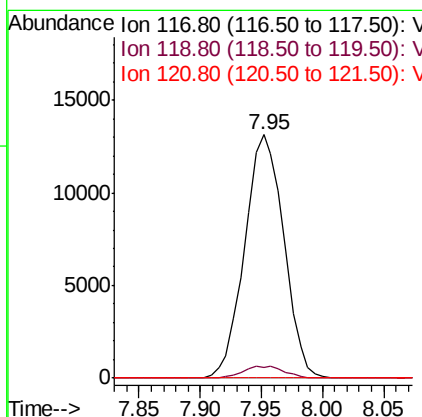
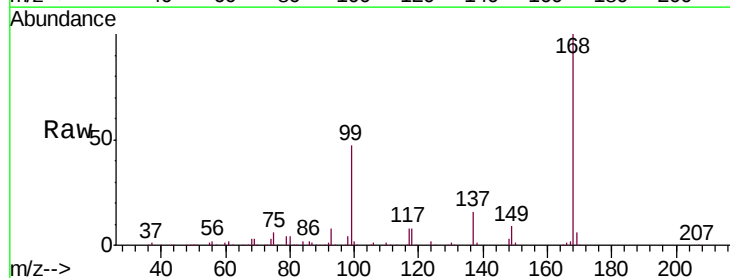
Instrument :
 MSVOA_W
 ClientSampleId :
 W-4-D

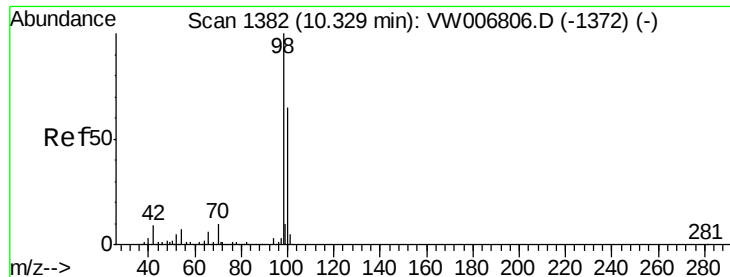
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	19.9	59.6#
77	0.0	25.4	38.2#



#38
 Carbon Tetrachloride
 Concen: 6.228 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006833.D
 Acq: 13 Nov 2018 04:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	78.5	117.7#
121	0.0	24.2	36.2#

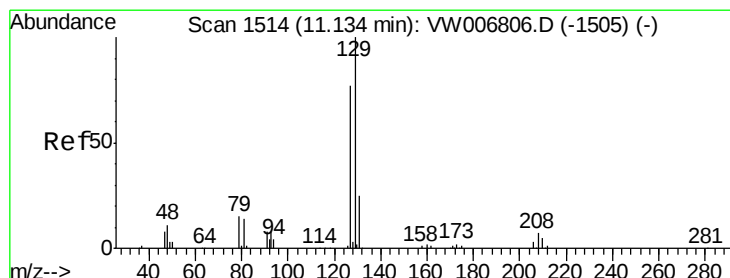
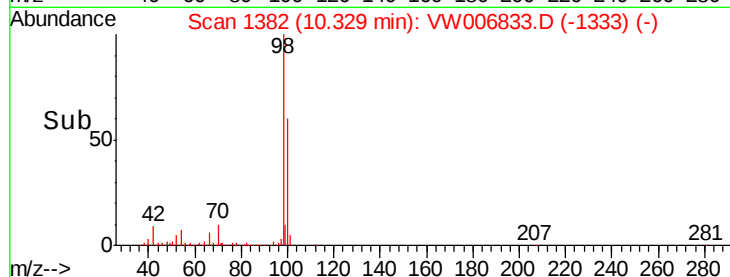
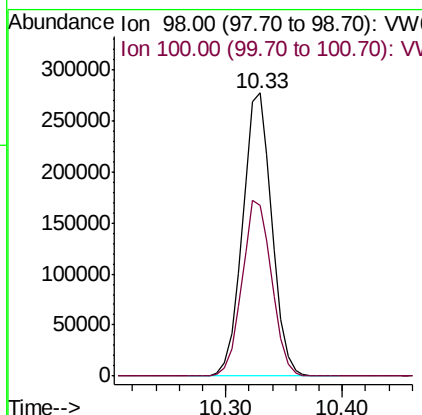
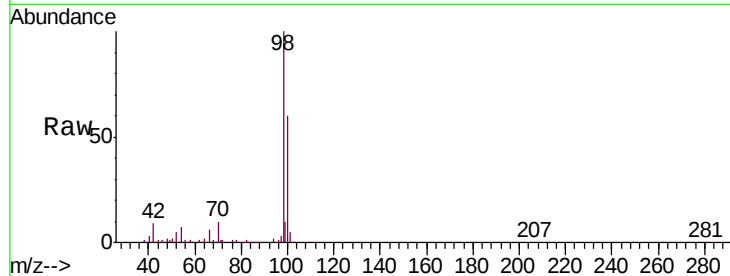




#50
Toluene-d8
Concen: 42.185 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006833.D
Acq: 13 Nov 2018 04:26

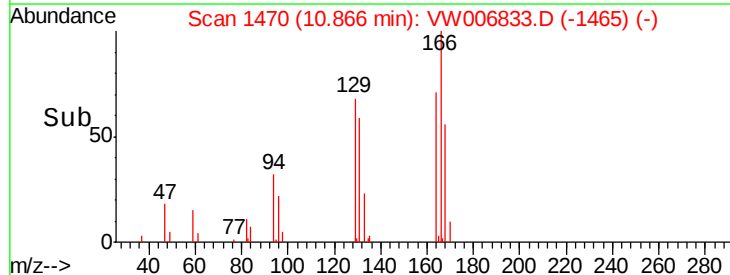
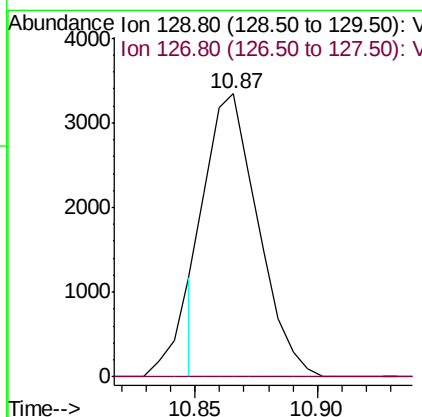
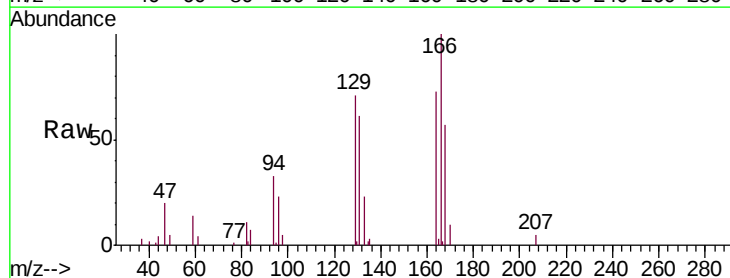
Instrument :
MSVOA_W
ClientSampled :
W-4-D

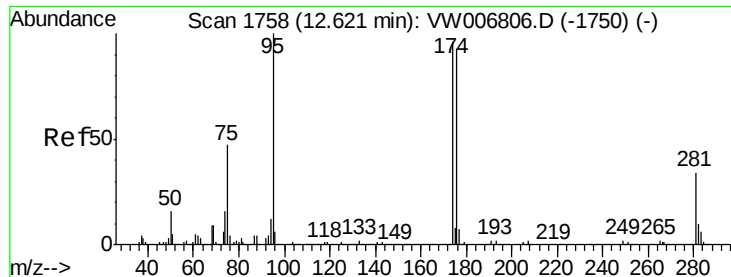
Tgt Ion: 98 Resp: 481783
Ion Ratio Lower Upper
98 100
100 63.2 51.4 77.2



#60
Dibromochloromethane
Concen: 1.758 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.27 min
Lab File: VW006833.D
Acq: 13 Nov 2018 04:26

Tgt Ion: 129 Resp: 4987
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#





#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

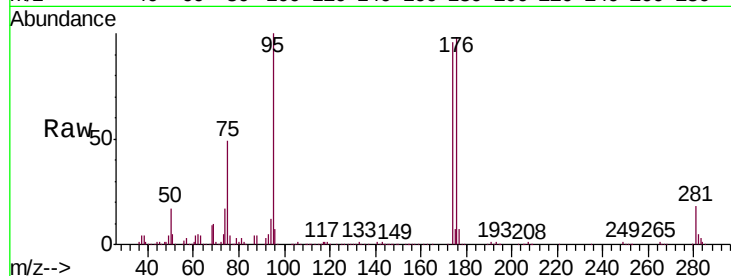
Tgt Ion: 95 Resp: 133254

Ion Ratio Lower Upper

95 100

174 98.0 0.0 196.6

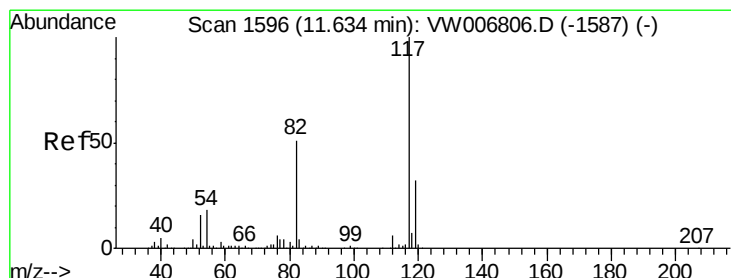
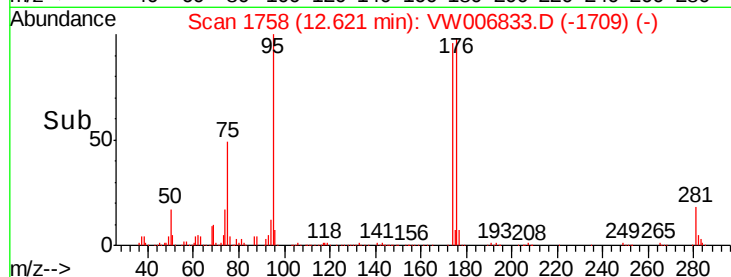
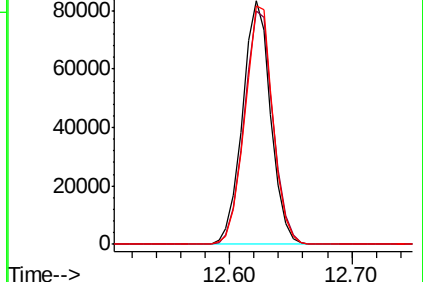
176 97.6 0.0 191.6



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: VW006833.D

Acq: 13 Nov 2018 04:26

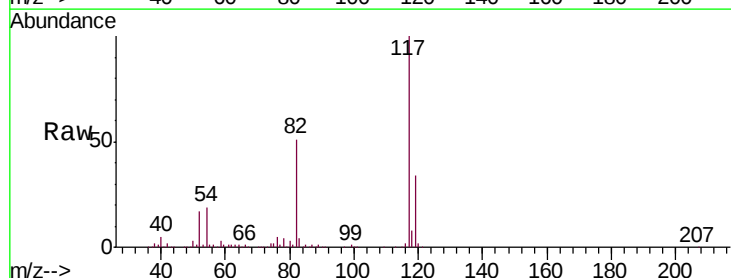
Tgt Ion: 117 Resp: 390100

Ion Ratio Lower Upper

117 100

82 50.9 40.6 61.0

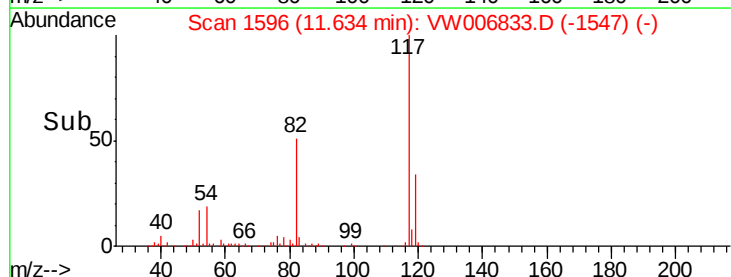
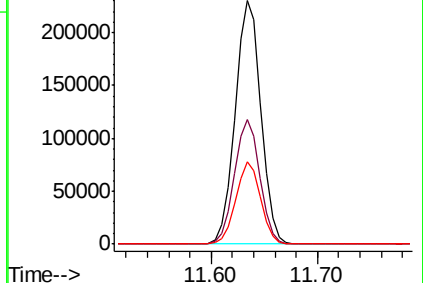
119 33.8 25.5 38.3

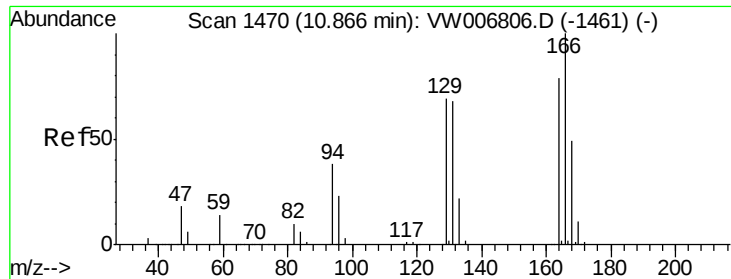


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

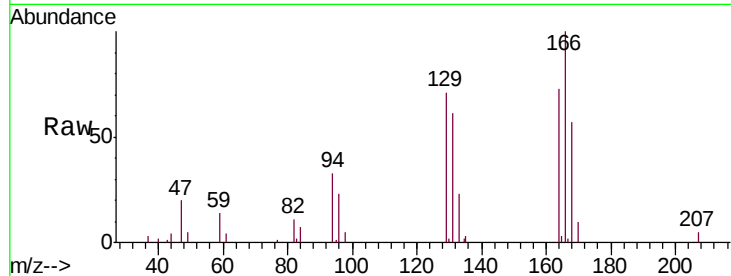




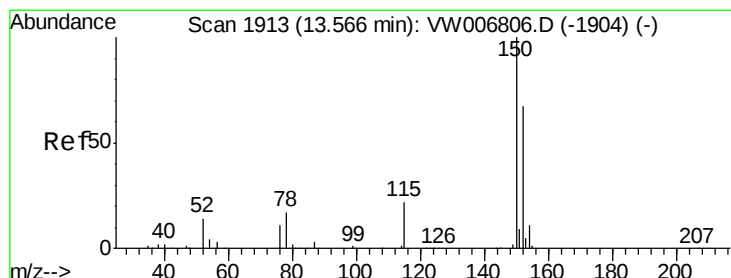
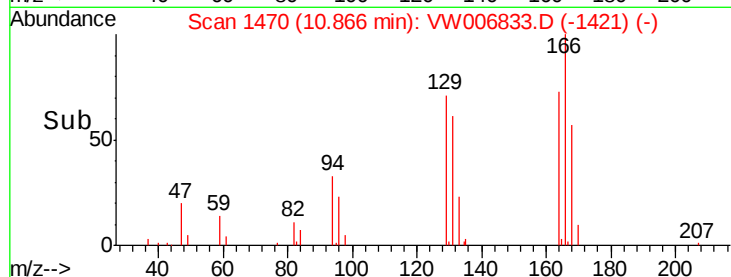
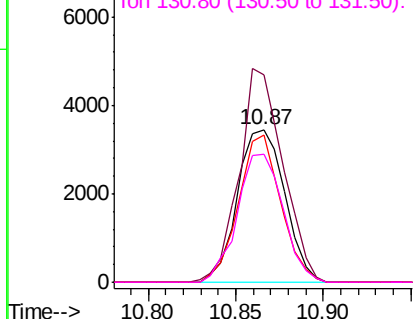
#64
Tetrachloroethene
Concen: 2.083 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006833.D
Acq: 13 Nov 2018 04:26

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

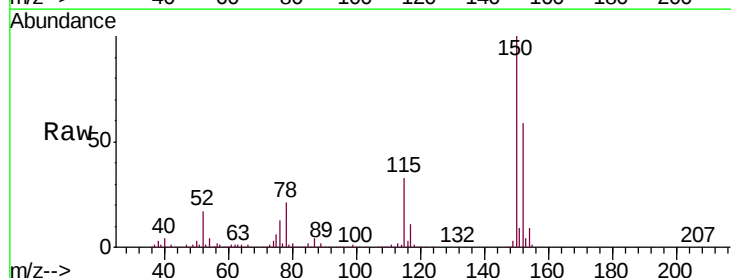


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

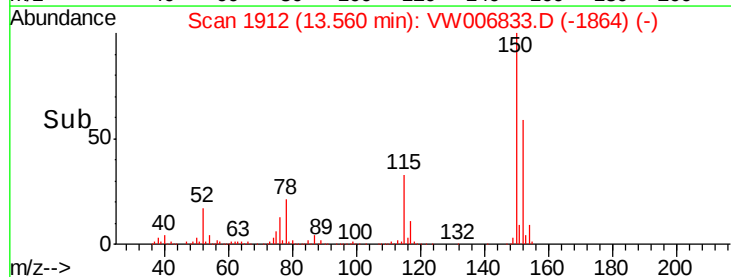
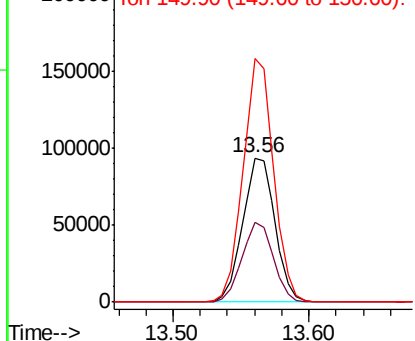


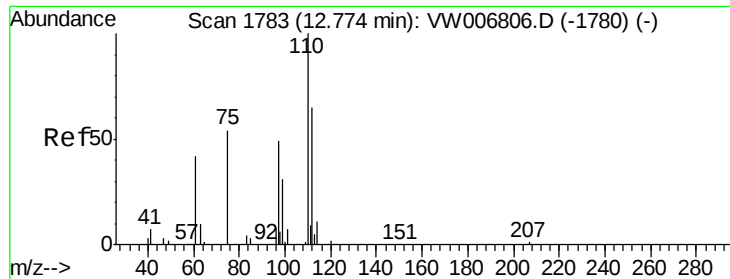
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006833.D
Acq: 13 Nov 2018 04:26

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



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

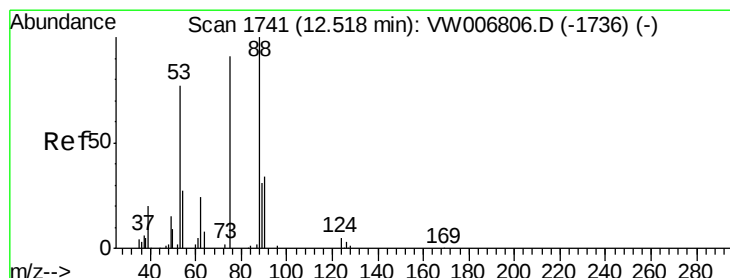
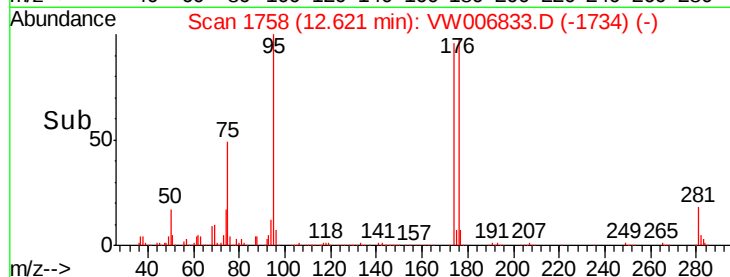
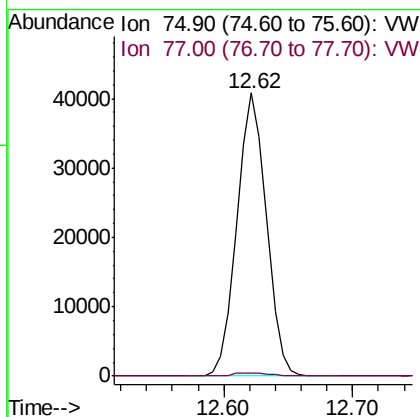
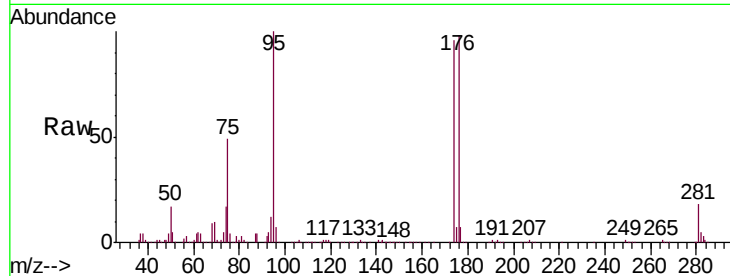




#76
 1,2,3-Trichloropropane
 Concen: 57.842 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006833.D
 Acq: 13 Nov 2018 04:26

Instrument :
 MSVOA_W
 ClientSampleId :
 W-4-D

Tgt Ion: 75 Resp: 64655
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 143.077 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006833.D
 Acq: 13 Nov 2018 04:26

Tgt Ion: 75 Resp: 64655
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.1 38.7 58.1#

