

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112118\
 Data File : VW006987.D
 Acq On : 20 Nov 2018 20:57
 Operator : SY/AP
 Sample : J5993-01RE
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 21 04:49:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

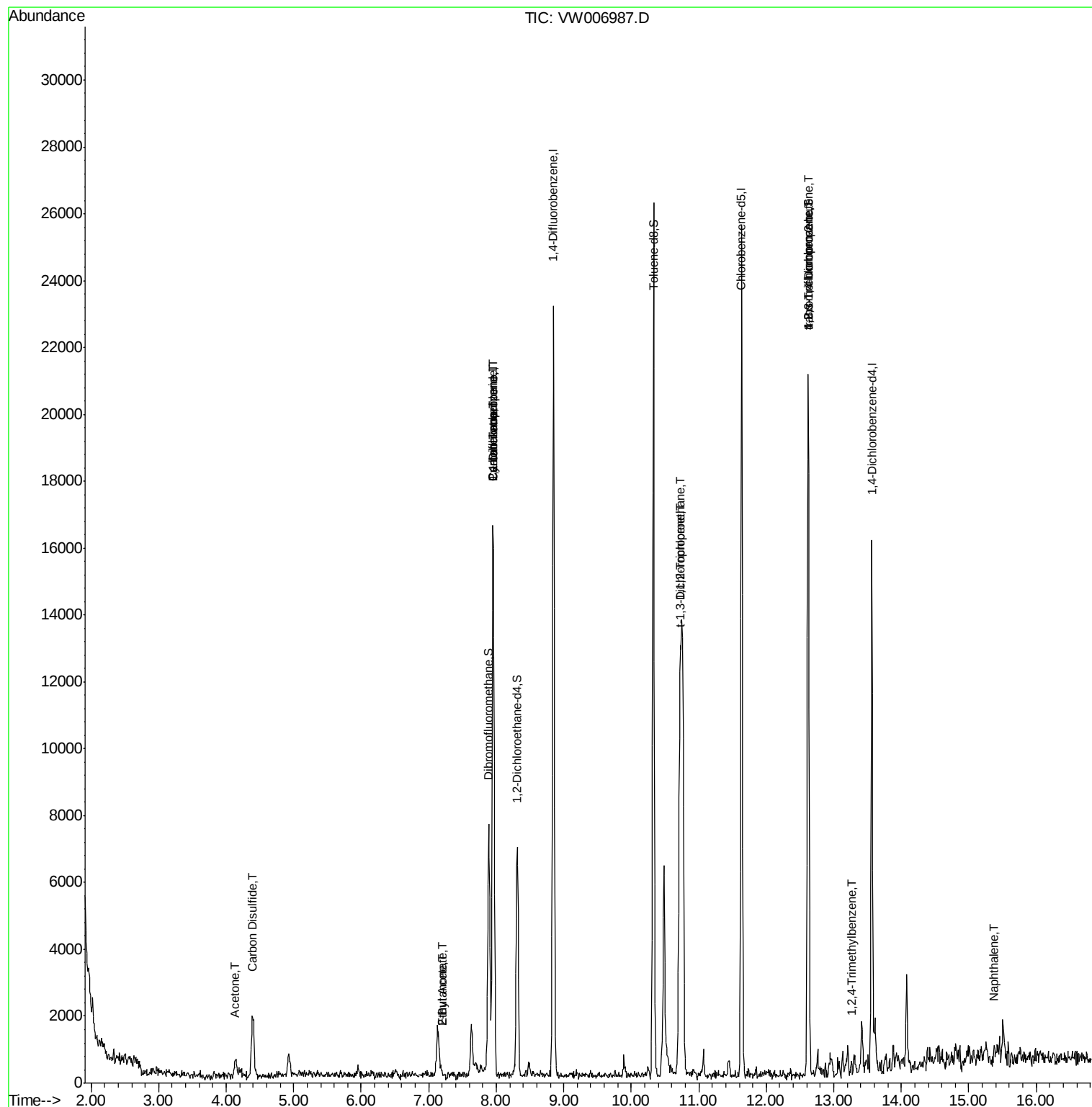
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	12194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	19525	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	14444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	4470	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	5733	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
35) Dibromofluoromethane	7.89	113	5369	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
50) Toluene-d8	10.33	98	18138	37.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.50%	
62) 4-Bromofluorobenzene	12.62	95	5173	27.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.00%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	1075	62.021	ug/l #	80
17) Carbon Disulfide	4.39	76	3833	10.742	ug/l #	95
20) Methylene Chloride	4.92	84	267	Below Cal	#	89
25) 2-Butanone	7.20	43	240	8.084	ug/l #	48
31) Cyclohexane	7.96	56	253	1.100	ug/l #	22
36) 1,1-Dichloropropene	7.95	75	1030	5.398	ug/l #	41
37) Ethyl Acetate	7.20	43	240	3.471	ug/l #	69
38) Carbon Tetrachloride	7.95	117	1189	6.508	ug/l #	13
53) t-1,3-Dichloropropene	10.71	75	190	1.171	ug/l	97
55) 1,1,2-Trichloroethane	10.73	97	423	4.522	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	2663	75.815	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	2663	190.341	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.26	105	324	1.082	ug/l	69
95) Naphthalene	15.37	128	402	2.516	ug/l #	69

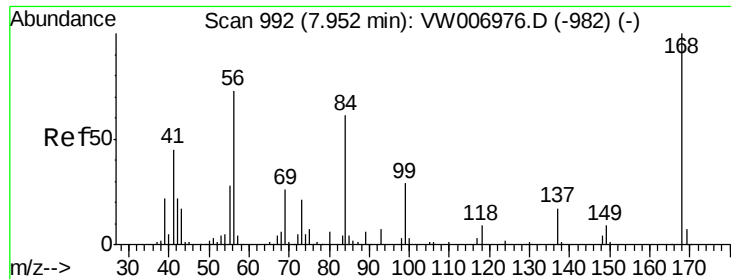
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 21 03:23:02 2018
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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: VW006987.D

Acq: 20 Nov 2018 20:57

Instrument :

MSVOA_W

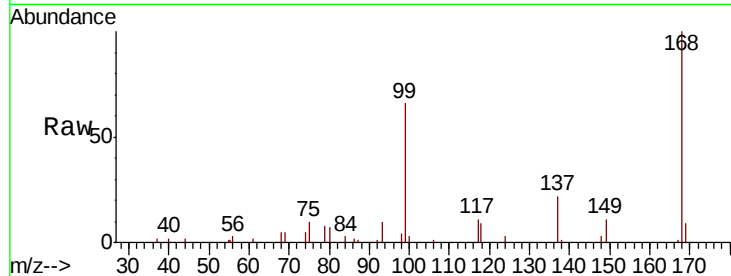
ClientSampled :

Tot Ion:168 Resp: 12194

Ion Ratio Lower Upper

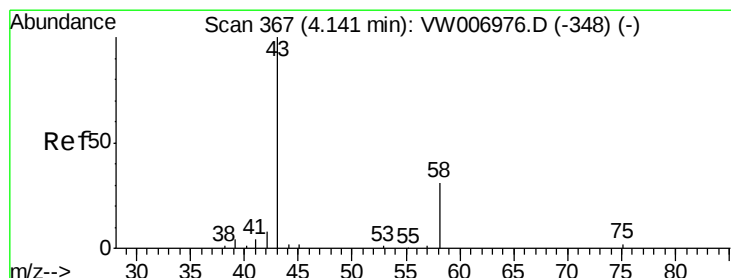
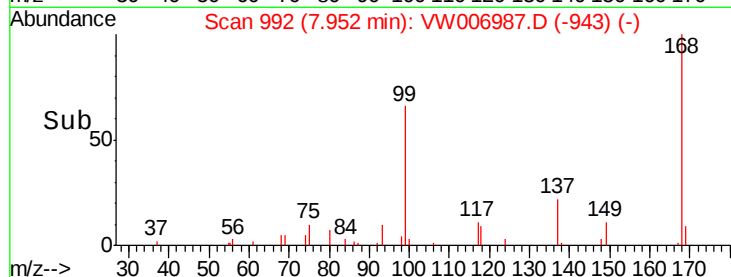
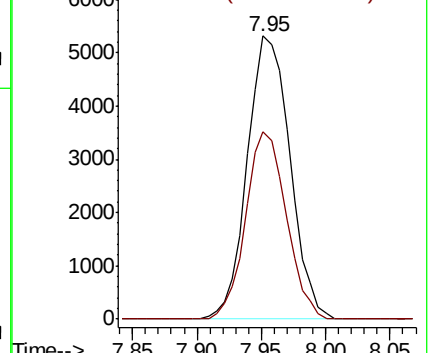
168 100

99 66.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 62.021 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW006987.D

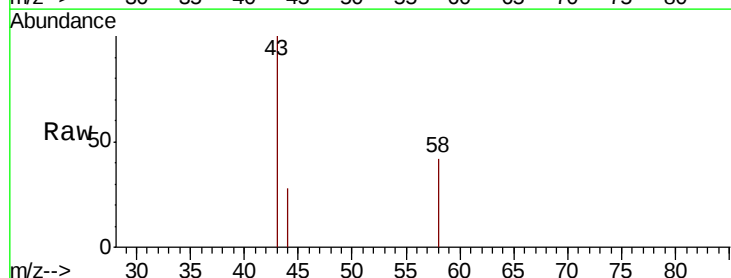
Acq: 20 Nov 2018 20:57

Tgt Ion: 43 Resp: 1075

Ion Ratio Lower Upper

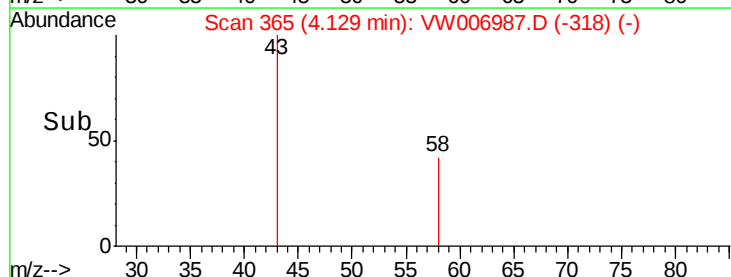
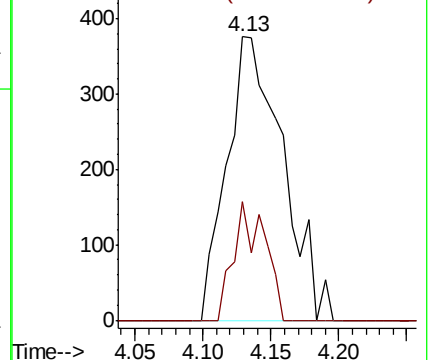
43 100

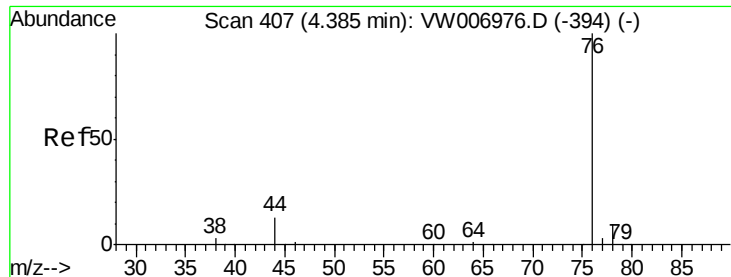
58 41.8 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 10.742 ug/l

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW006987.D

Acq: 20 Nov 2018 20:57

Instrument :

MSVOA_W

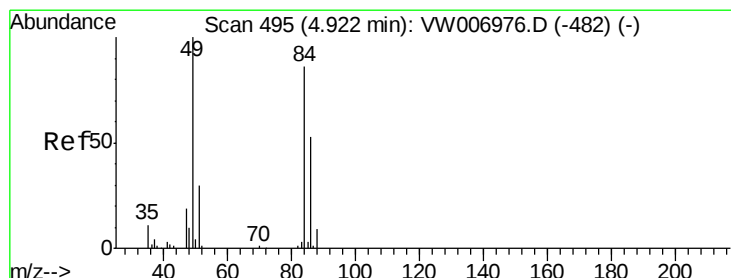
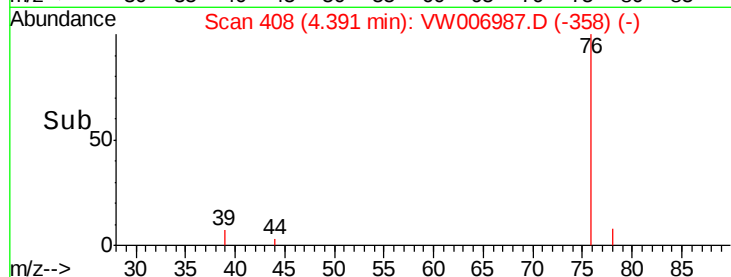
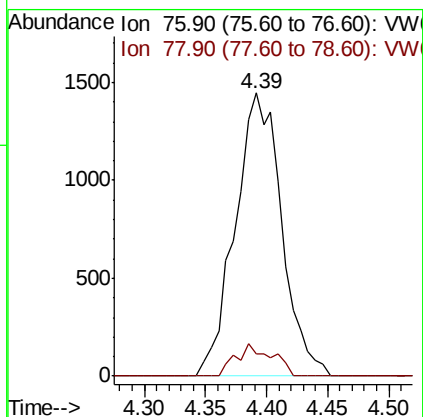
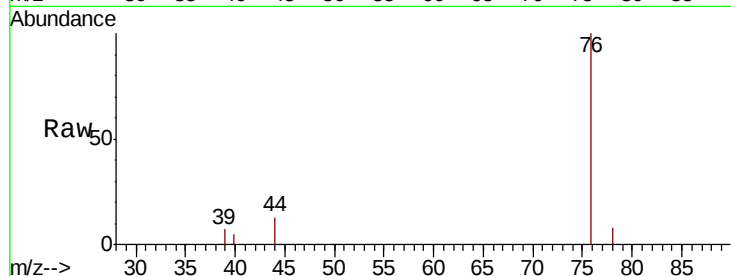
ClientSampleId :

Tot Ion: 76 Resp: 3833

Ion Ratio Lower Upper

76 100

78 7.7 7.8 11.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW006987.D

Acq: 20 Nov 2018 20:57

Tgt Ion: 84 Resp: 267

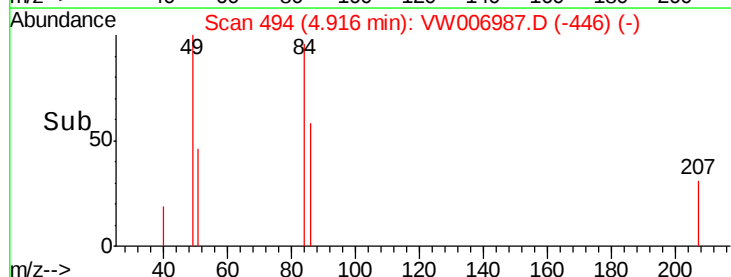
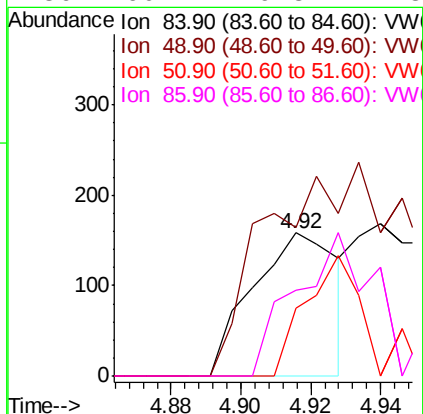
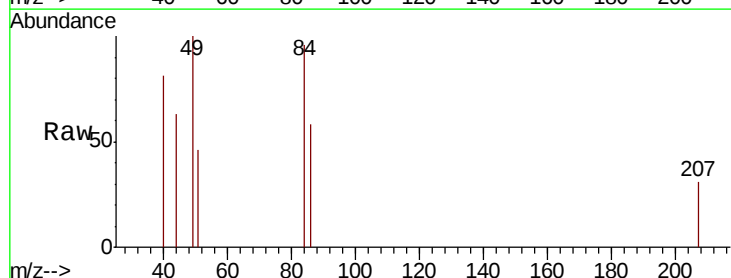
Ion Ratio Lower Upper

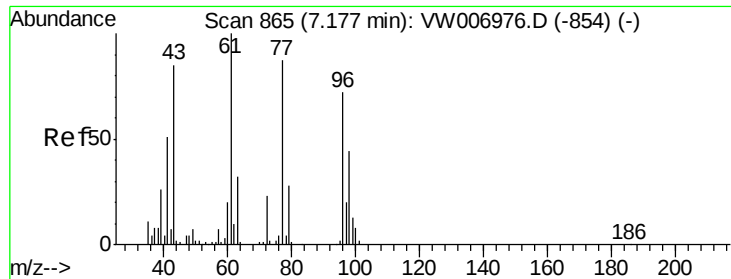
84 100

49 103.8 93.4 140.0

51 47.5 28.4 42.6#

86 60.1 49.8 74.8





#25

2-Butanone

Concen: 8.084 ug/l

RT: 7.20 min Scan# 868

Delta R.T. 0.02 min

Lab File: VW006987.D

Acq: 20 Nov 2018 20:57

Instrument :

MSVOA_W

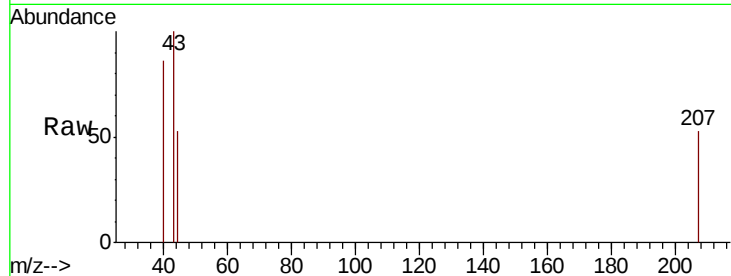
ClientSampled :

Tot Ion: 43 Resp: 240

Ion Ratio Lower Upper

43 100

72 0.0 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.20

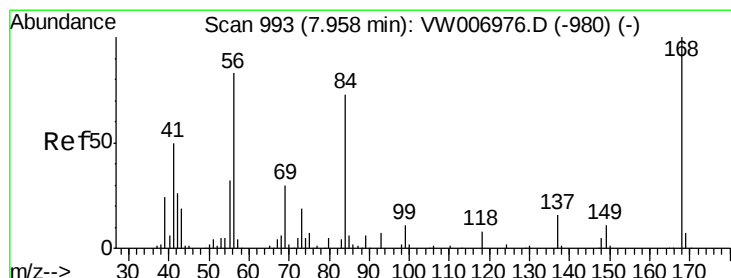
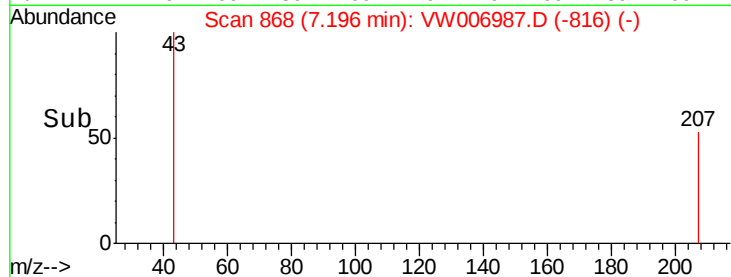
150

100

50

0

Time-->



#31

Cyclohexane

Concen: 1.100 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006987.D

Acq: 20 Nov 2018 20:57

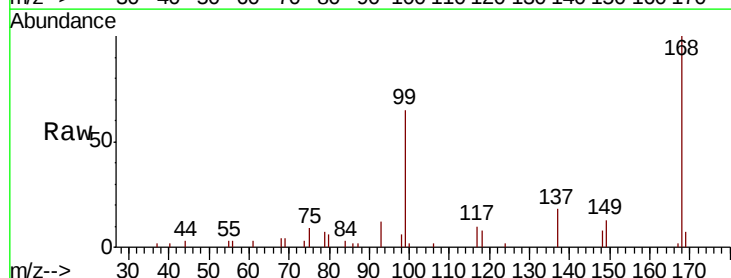
Tgt Ion: 56 Resp: 253

Ion Ratio Lower Upper

56 100

69 144.8 29.1 43.7#

84 120.3 70.6 105.8#



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

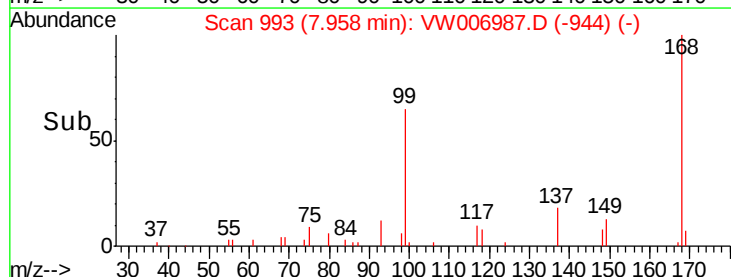
300

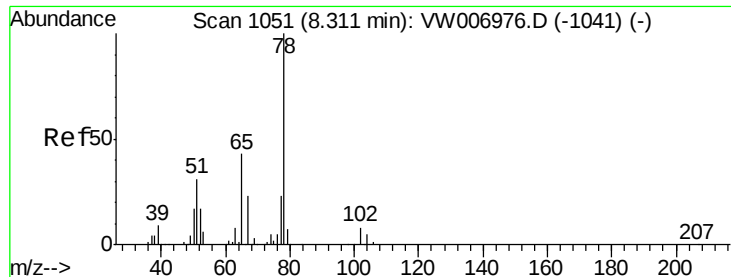
200

100

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.022 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006987.D

Acq: 20 Nov 2018 20:57

Instrument :

MSVOA_W

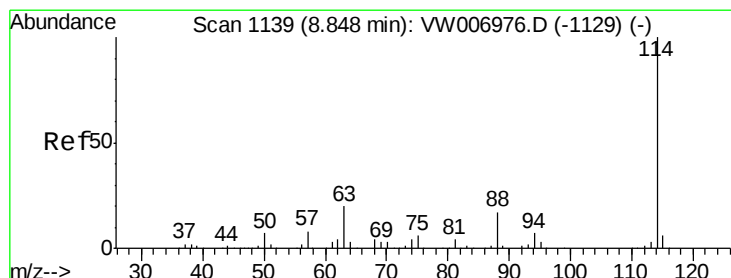
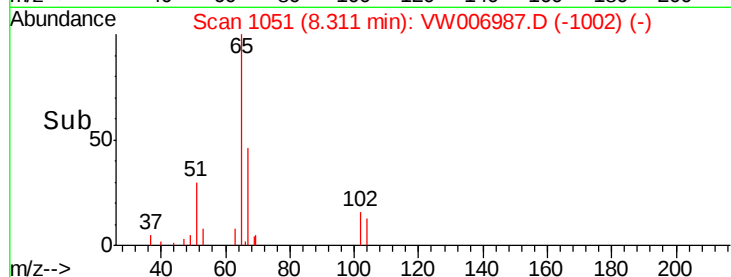
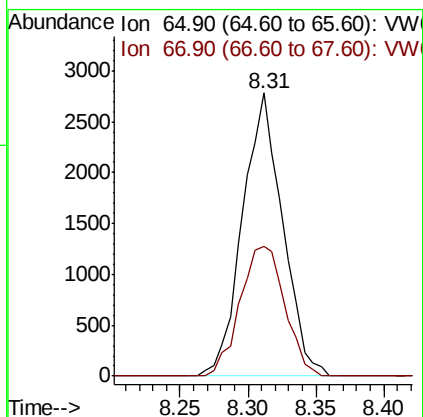
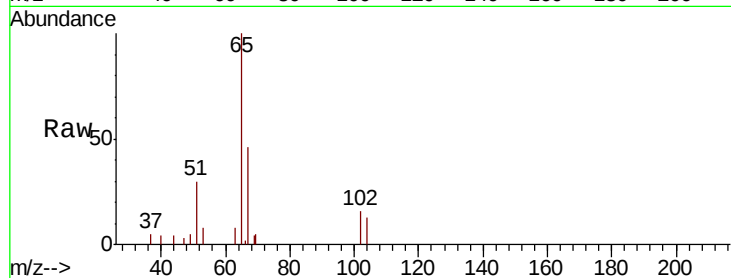
ClientSampleId :

Tot Ion: 65 Resp: 5733

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006987.D

Acq: 20 Nov 2018 20:57

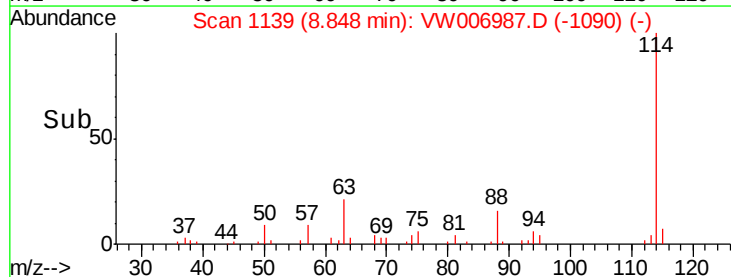
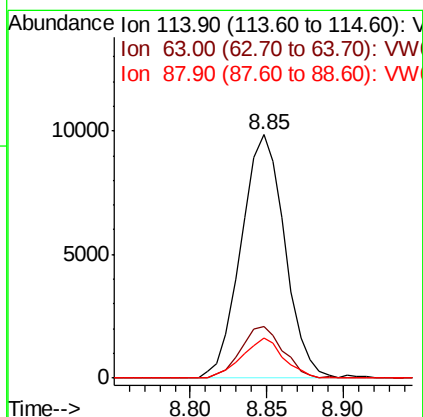
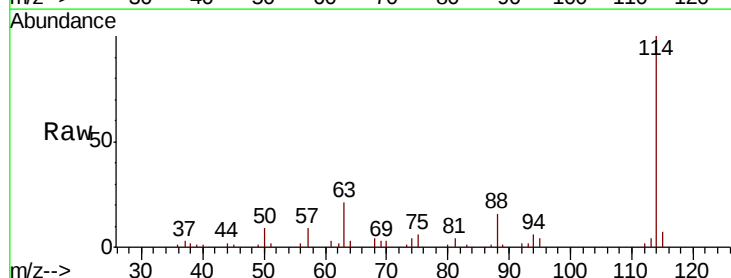
Tgt Ion: 114 Resp: 19525

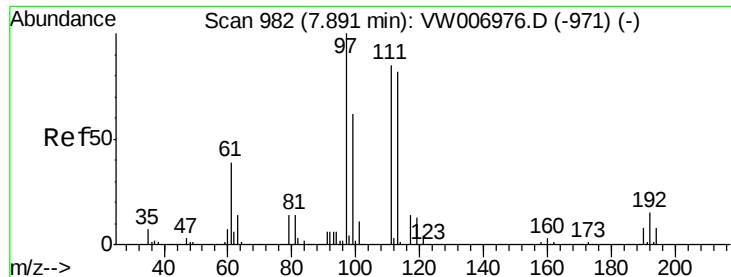
Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.4

88 16.4 0.0 34.2

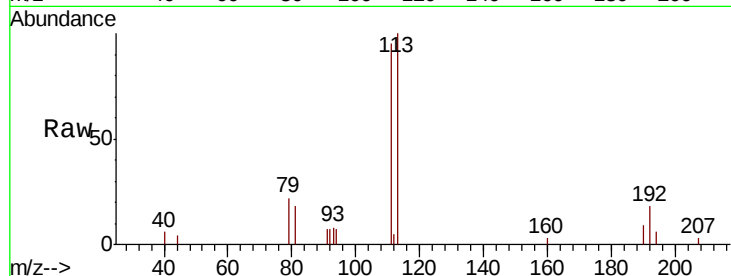




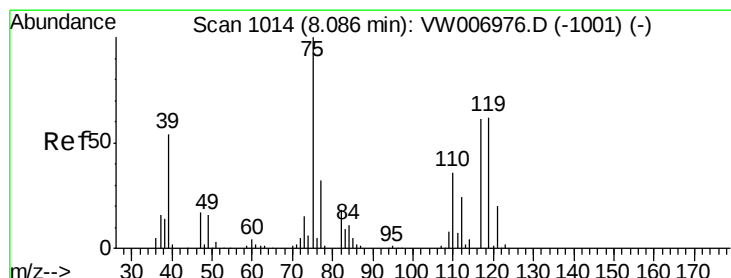
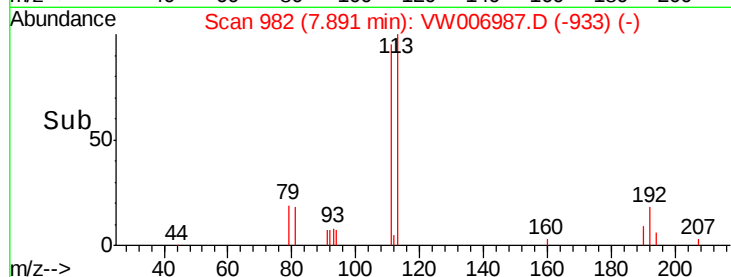
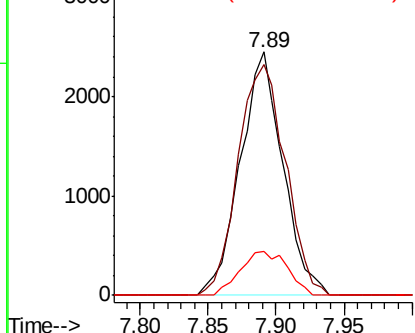
#35
 Dibromofluoromethane
 Concen: 48.693 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006987.D
 Acq: 20 Nov 2018 20:57

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 5369
 Ion Ratio Lower Upper
 113 100
 111 105.1 81.0 121.6
 192 20.0 15.0 22.6

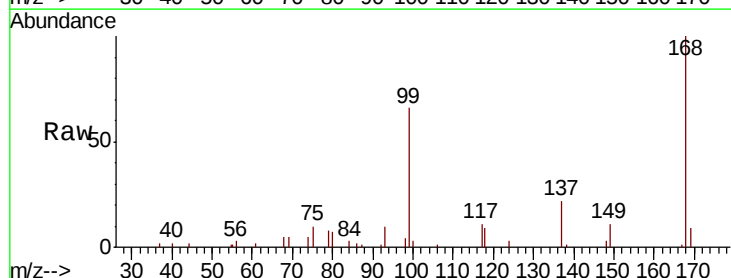


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

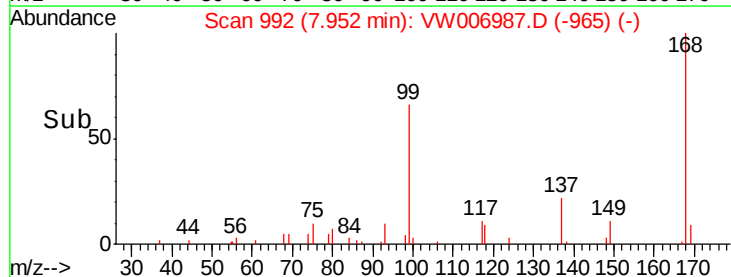
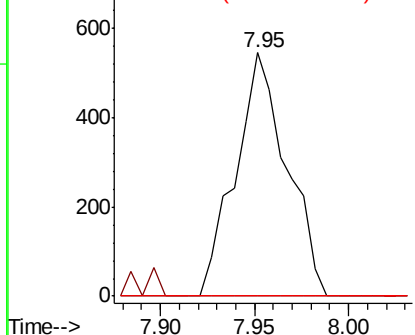


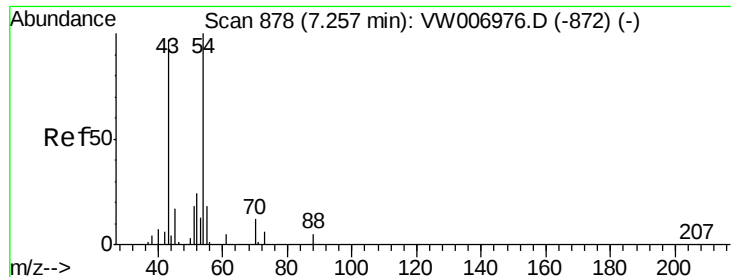
#36
 1,1-Dichloropropene
 Concen: 5.398 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006987.D
 Acq: 20 Nov 2018 20:57

Tgt Ion: 75 Resp: 1030
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.0 54.0#
 77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

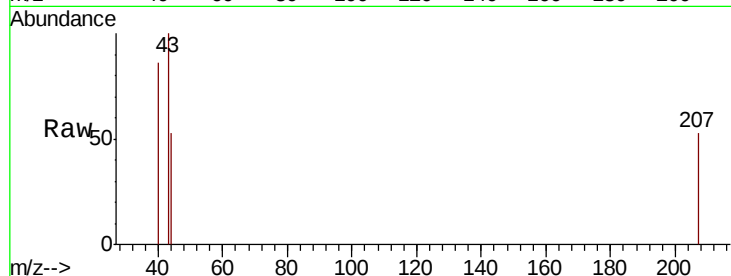




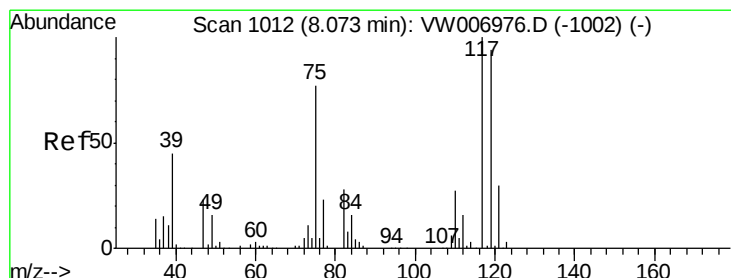
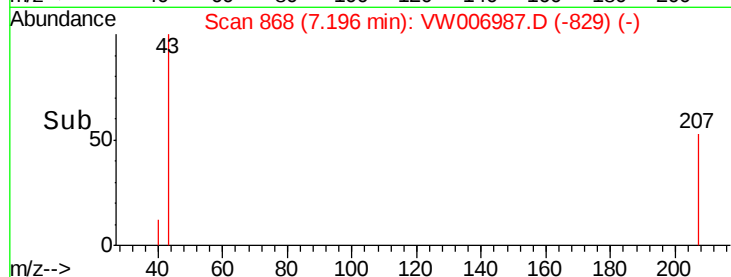
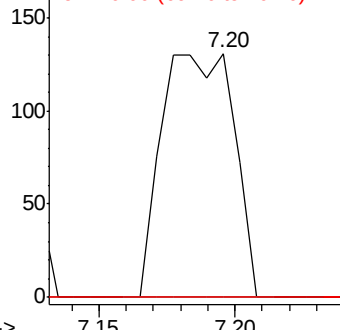
#37
Ethyl Acetate
Concen: 3.471 ug/l
RT: 7.20 min Scan# 868
Delta R.T. -0.06 min
Lab File: VW006987.D
Acq: 20 Nov 2018 20:57

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 240
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.0 8.8 13.2#

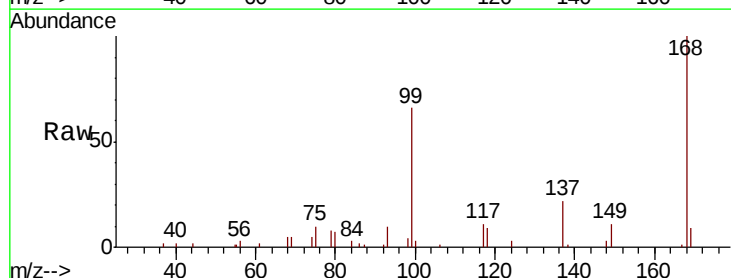


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

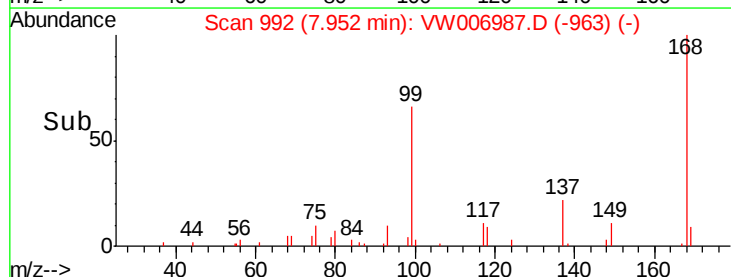
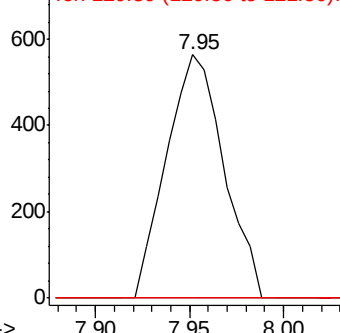


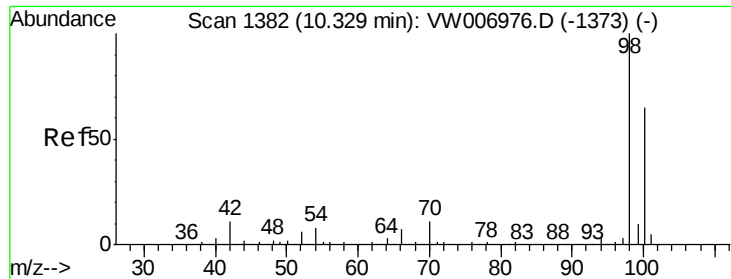
#38
Carbon Tetrachloride
Concen: 6.508 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006987.D
Acq: 20 Nov 2018 20:57

Tgt Ion: 117 Resp: 1189
Ion Ratio Lower Upper
117 100
119 0.0 74.9 112.3#
121 0.0 23.6 35.4#



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: 37.252 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006987.D

Acq: 20 Nov 2018 20:57

Instrument :

MSVOA_W

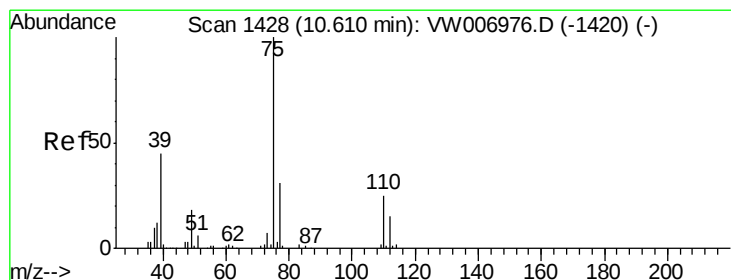
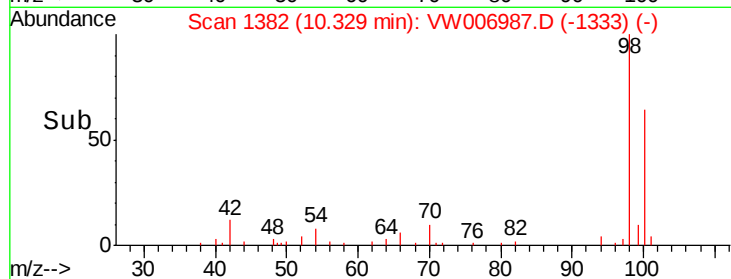
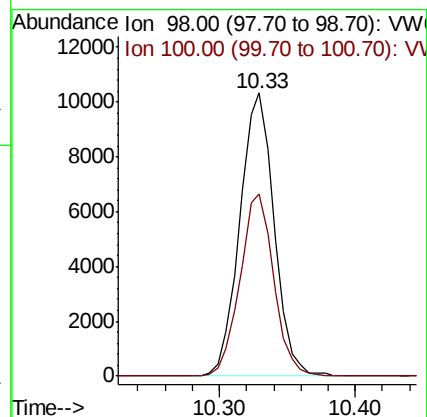
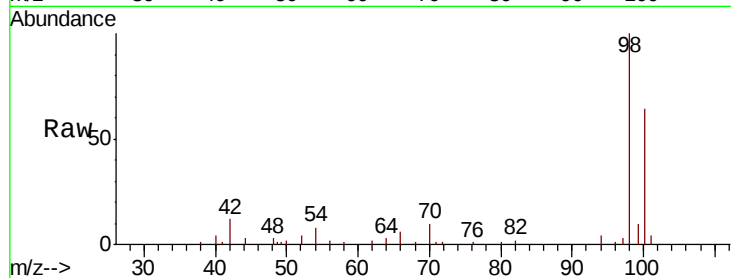
ClientSampled :

Tot Ion: 98 Resp: 18138

Ion Ratio Lower Upper

98 100

100 63.4 52.2 78.2



#53

t-1,3-Dichloropropene

Concen: 1.171 ug/l

RT: 10.71 min Scan# 1445

Delta R.T. 0.10 min

Lab File: VW006987.D

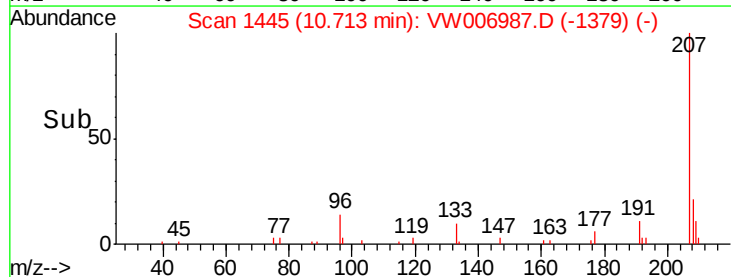
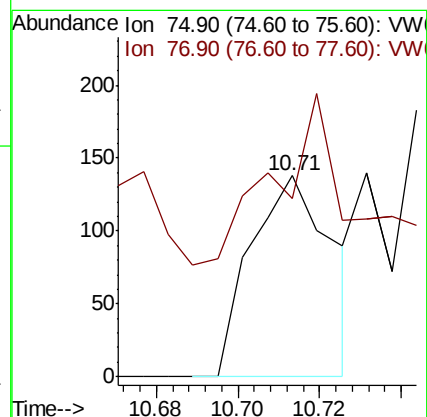
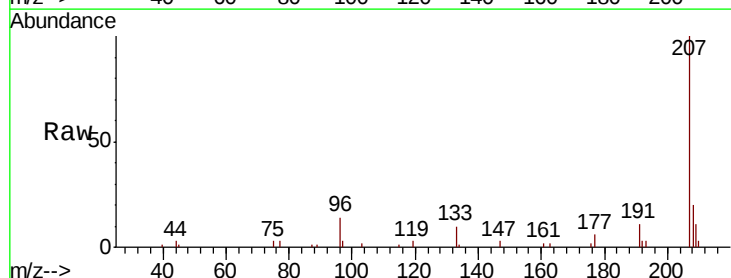
Acq: 20 Nov 2018 20:57

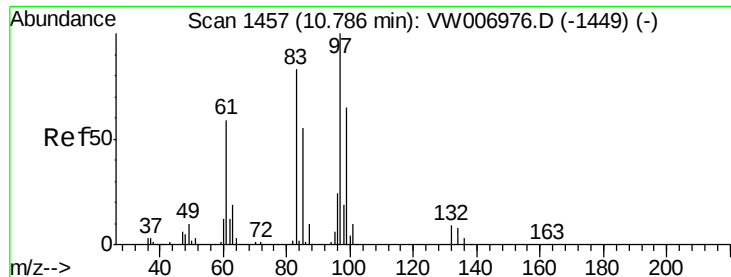
Tgt Ion: 75 Resp: 190

Ion Ratio Lower Upper

75 100

77 32.6 24.7 37.1

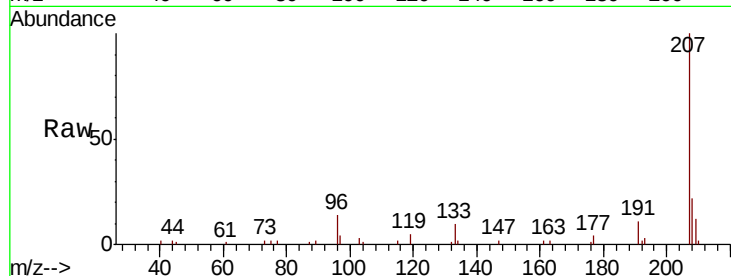




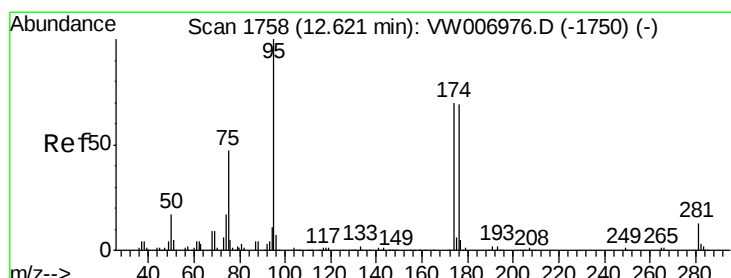
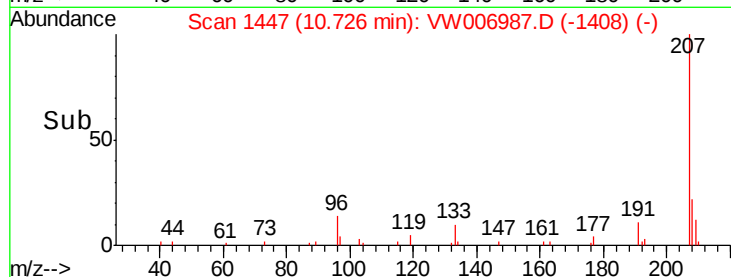
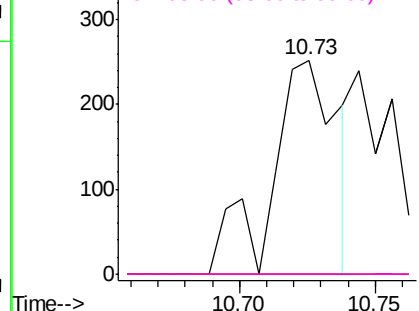
#55
 1,1,2-Trichloroethane
 Concen: 4.522 ug/l
 RT: 10.73 min Scan# 1447
 Delta R.T. -0.06 min
 Lab File: VW006987.D
 Acq: 20 Nov 2018 20:57

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	423
Ion	Ratio	Lower	Upper
97	100		
83	0.0	66.4	99.6#
85	0.0	44.1	66.1#
99	0.0	51.7	77.5#

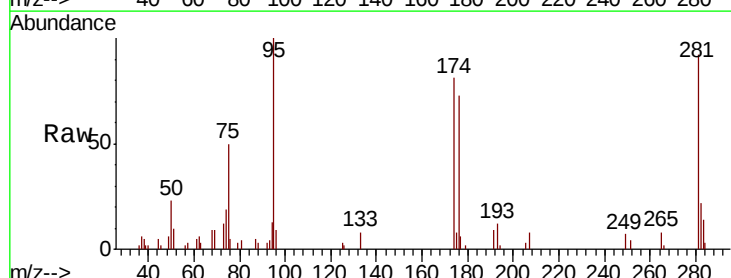


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

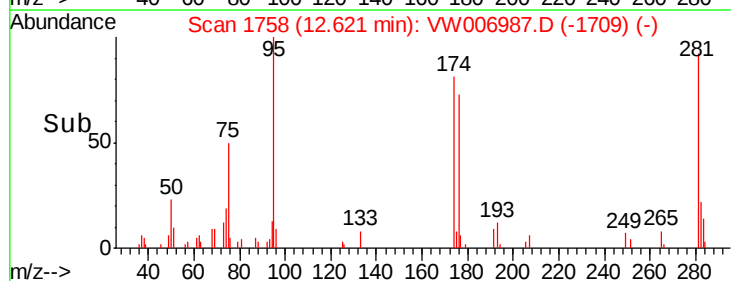
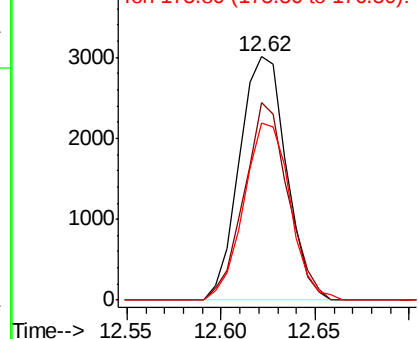


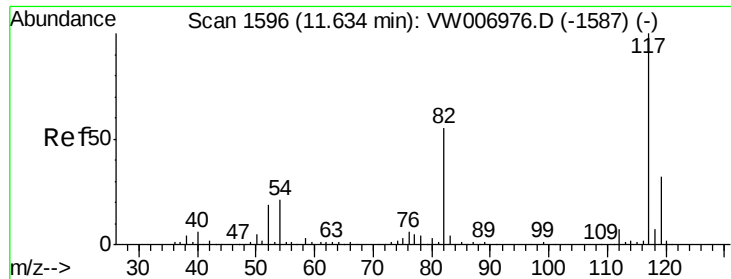
#62
 4-Bromofluorobenzene
 Concen: 26.998 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006987.D
 Acq: 20 Nov 2018 20:57

Tgt Ion:	95	Resp:	5173
Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	143.6
176	72.1	0.0	140.4



Abundance Ion 94.90 (94.60 to 95.60): VW
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006987.D

Acq: 20 Nov 2018 20:57

Instrument :

MSVOA_W

ClientSampleId :

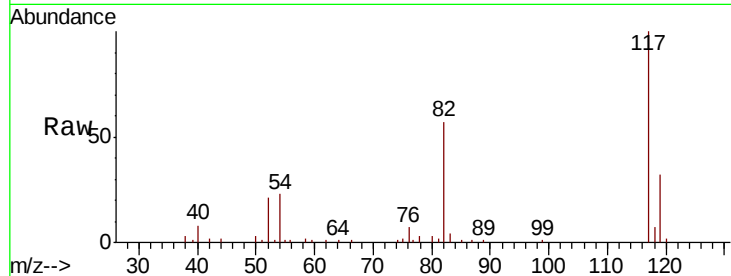
Tot Ion:117 Resp: 14444

Ion Ratio Lower Upper

117 100

82 57.0 44.2 66.2

119 31.9 25.9 38.9

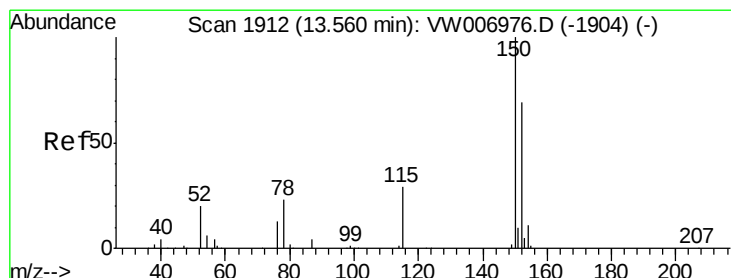
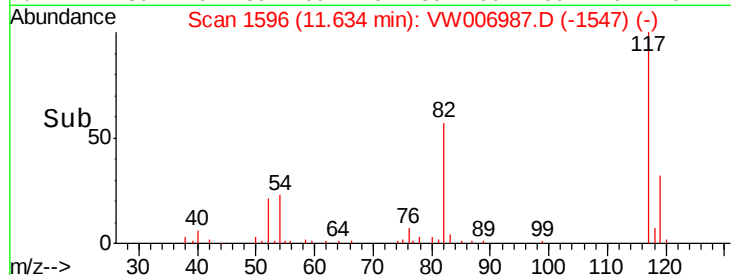
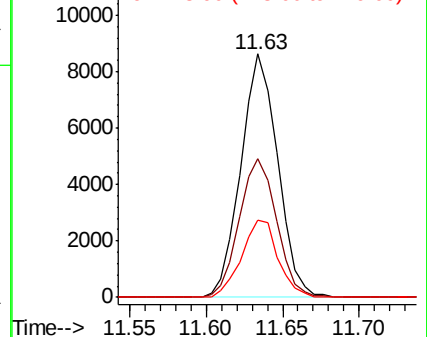


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW006987.D

Acq: 20 Nov 2018 20:57

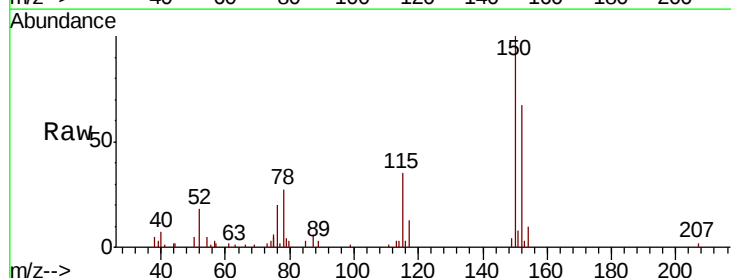
Tgt Ion:152 Resp: 4470

Ion Ratio Lower Upper

152 100

115 58.1 31.4 94.2

150 148.9 0.0 353.4

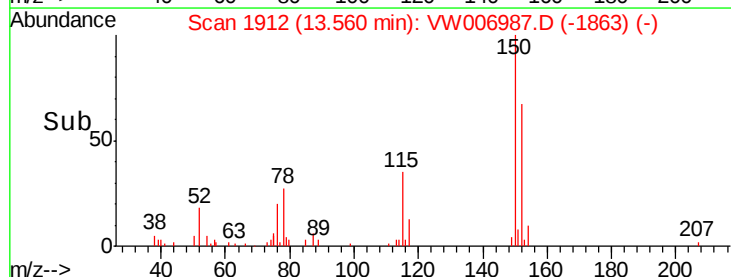
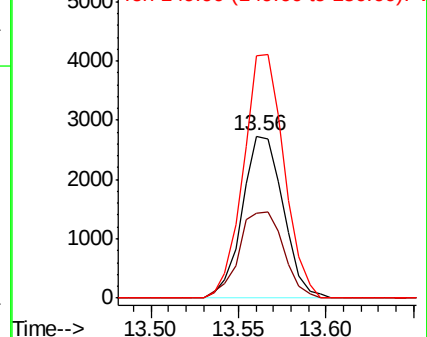


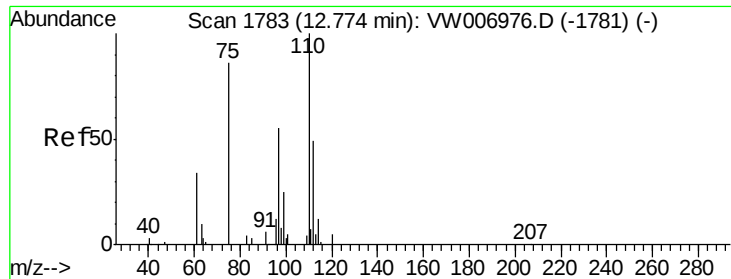
Abundance

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

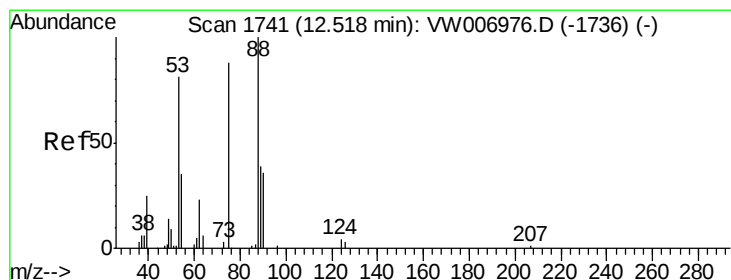
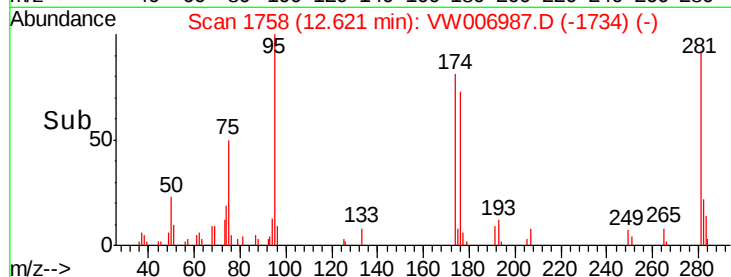
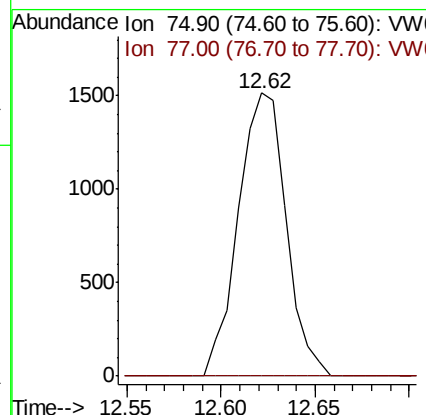
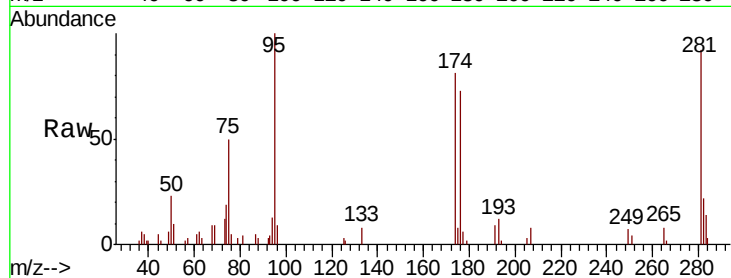




#76
 1,2,3-Trichloropropane
 Concen: 75.815 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006987.D
 Acq: 20 Nov 2018 20:57

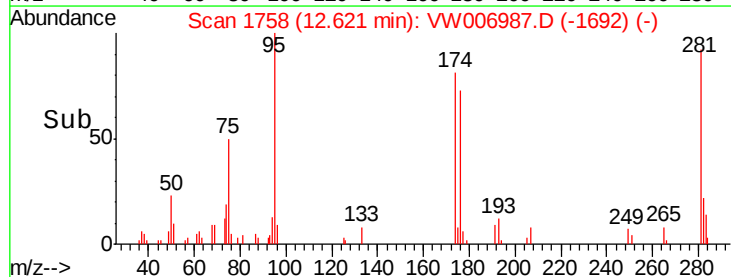
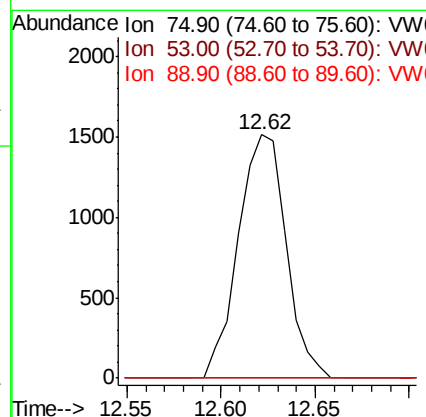
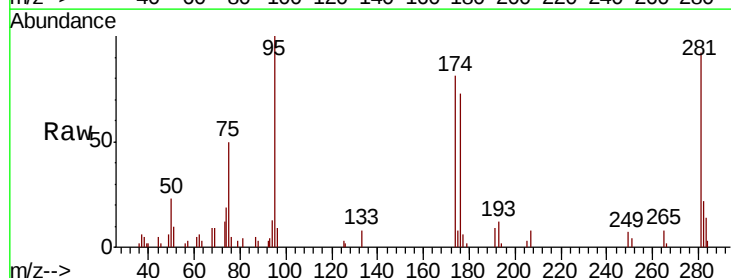
Instrument :
 MSVOA_W
 ClientSampleId :

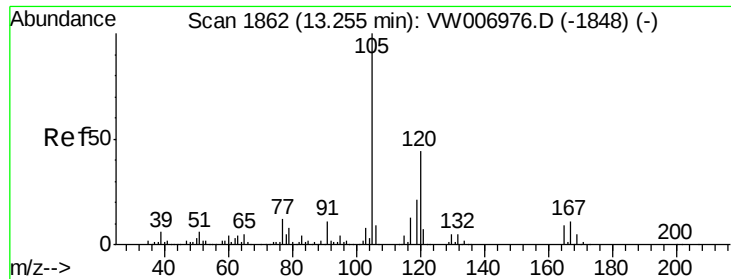
Tot Ion: 75 Resp: 2663
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 190.341 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006987.D
 Acq: 20 Nov 2018 20:57

Tgt Ion: 75 Resp: 2663
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 39.3 58.9#

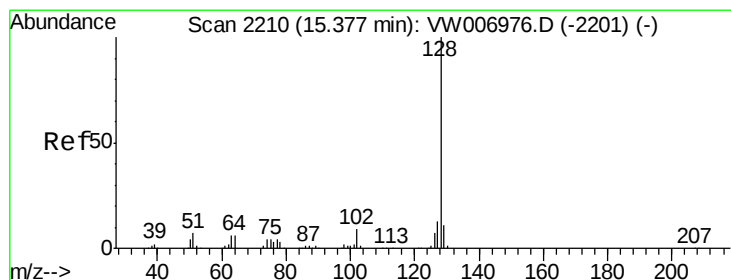
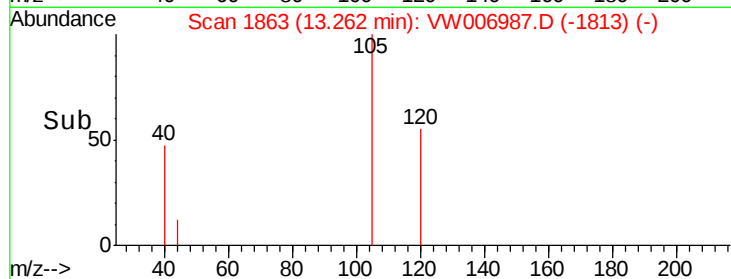
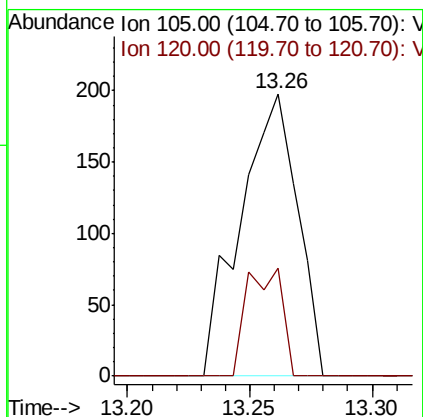
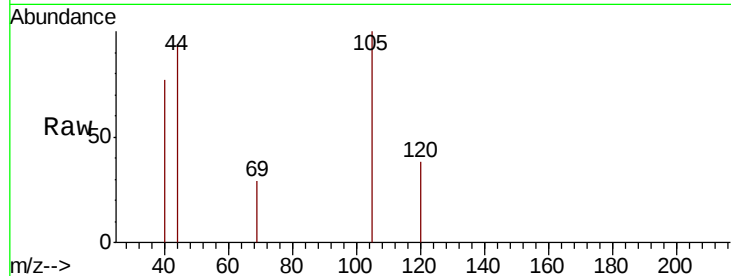




#84
 1,2,4-Trimethylbenzene
 Concen: 1.082 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW006987.D
 Acq: 20 Nov 2018 20:57

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:105 Resp: 324
 Ion Ratio Lower Upper
 105 100
 120 23.5 21.8 65.3



#95
 Naphthalene
 Concen: 2.516 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: VW006987.D
 Acq: 20 Nov 2018 20:57

Tgt Ion:128 Resp: 402
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.5 15.7#
 129 0.0 8.7 13.1#

