

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV112218\
 Data File : VW007013.D
 Acq On : 21 Nov 2018 20:57
 Operator : VAY/AP
 Sample : J6014-01
 Misc : 6.83G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 22 04:39:35 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	7.96	168	6000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	8603	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	5691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	766	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	2681	45.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.28%	
35) Dibromofluoromethane	7.90	113	2529	52.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.10%	
50) Toluene-d8	10.33	98	9105	42.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.88%	
62) 4-Bromofluorobenzene	12.62	95	1835	21.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	43.48%	

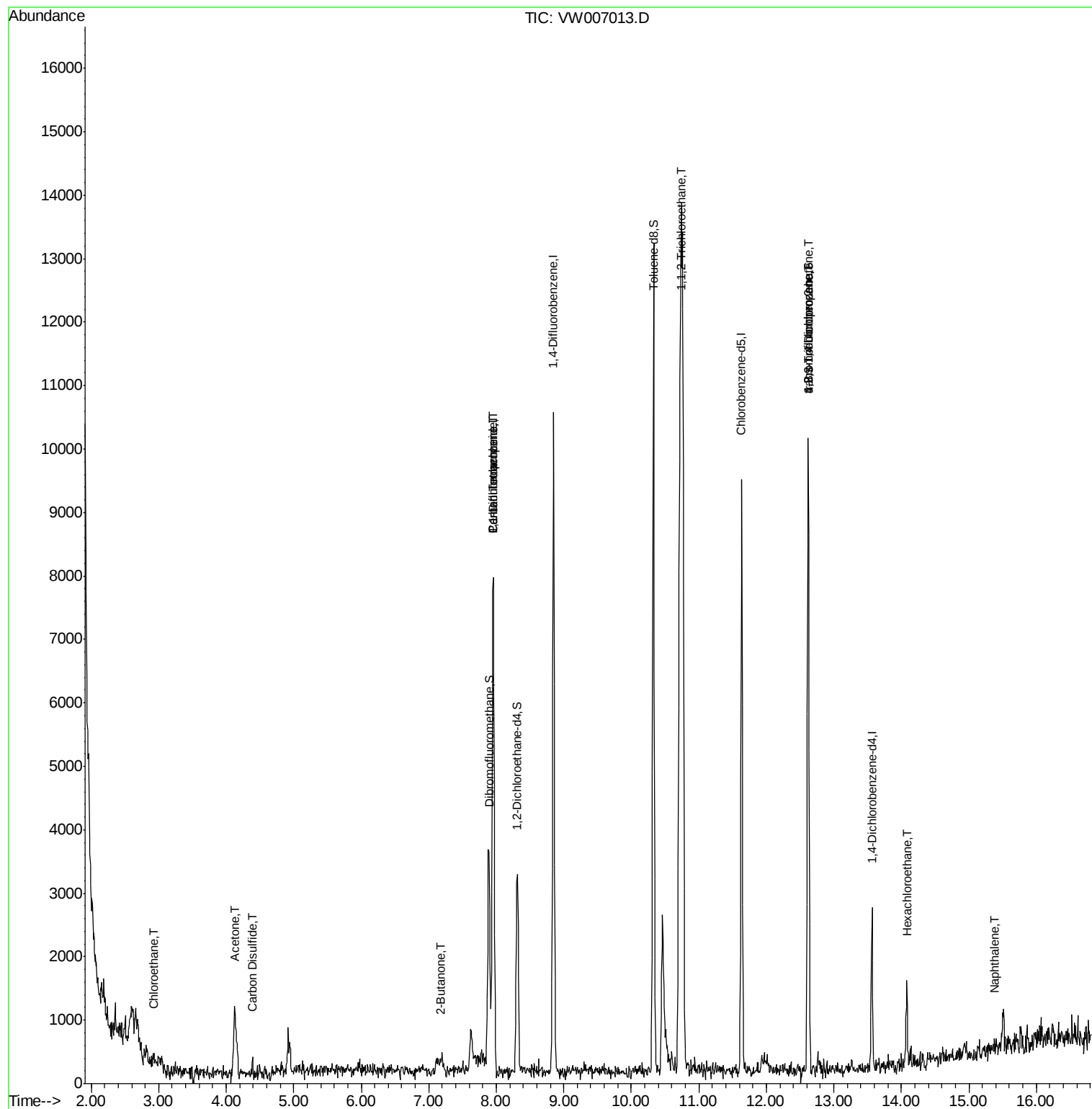
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	2.93	64	135	5.042	ug/l #	43
16) Acetone	4.13	43	2218	260.068	ug/l	97
17) Carbon Disulfide	4.39	76	184	1.048	ug/l #	74
20) Methylene Chloride	4.92	84	267	Below Cal	#	44
25) 2-Butanone	7.18	43	635	43.472	ug/l #	48
36) 1,1-Dichloropropene	7.96	75	443	5.269	ug/l #	41
38) Carbon Tetrachloride	7.95	117	591	7.341	ug/l #	13
55) 1,1,2-Trichloroethane	10.75	97	69	1.674	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	973	161.650	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	973	405.838	ug/l #	10
90) Hexachloroethane	14.09	117	19	2.343	ug/l #	14
95) Naphthalene	15.37	128	56	2.045	ug/l #	69

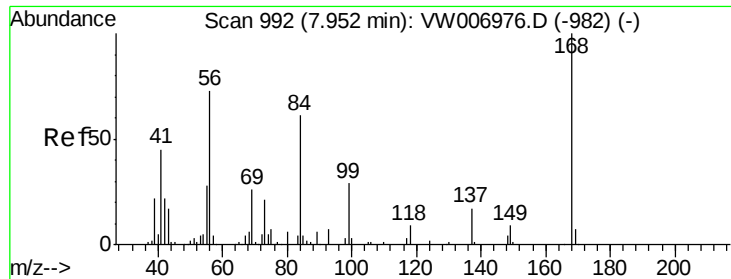
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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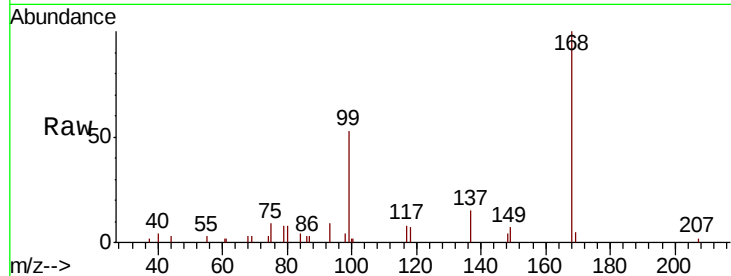




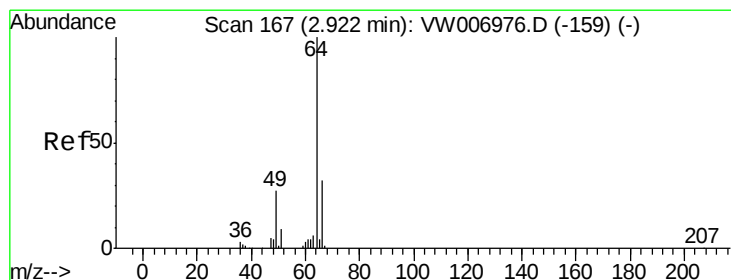
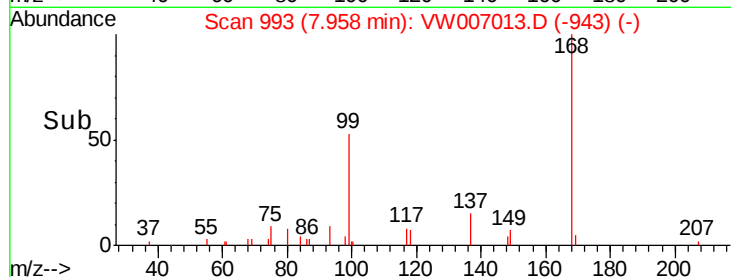
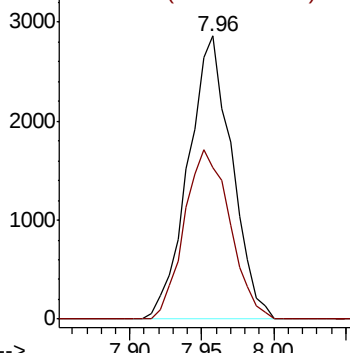
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007013.D
Acq: 21 Nov 2018 20:57

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 6000
Ion Ratio Lower Upper
168 100
99 53.4 48.2 72.4

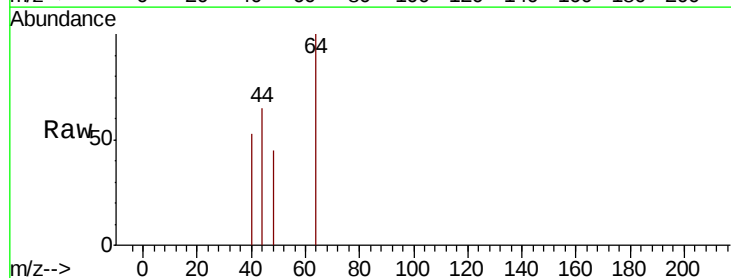


Abundance Ion 167.90 (167.60 to 168.60): VW
Ion 98.90 (98.60 to 99.60): VW

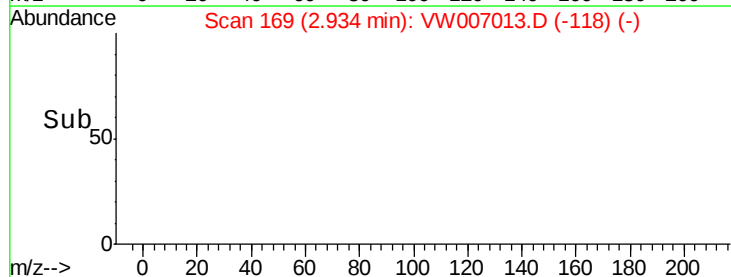
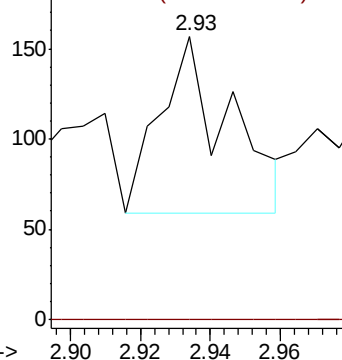


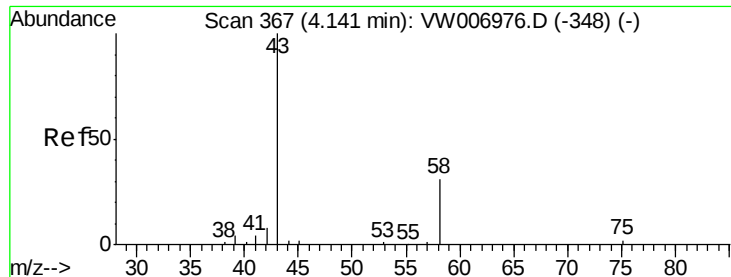
#6
Chloroethane
Concen: 5.042 ug/l
RT: 2.93 min Scan# 169
Delta R.T. 0.01 min
Lab File: VW007013.D
Acq: 21 Nov 2018 20:57

Tgt Ion: 64 Resp: 135
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VW
Ion 65.90 (65.60 to 66.60): VW





#16

Acetone

Concen: 260.068 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW007013.D

Acq: 21 Nov 2018 20:57

Instrument :

MSVOA_W

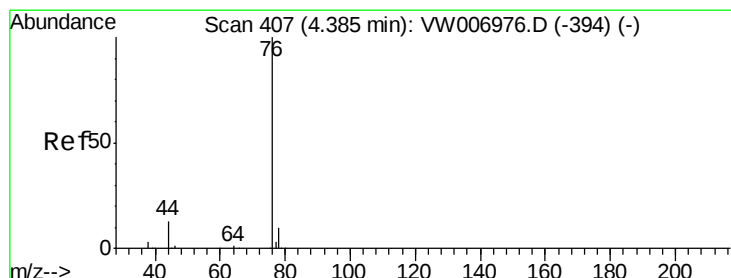
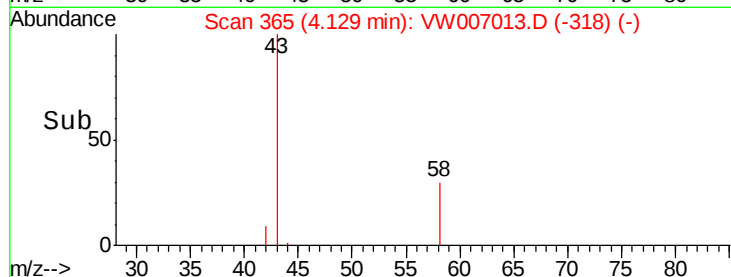
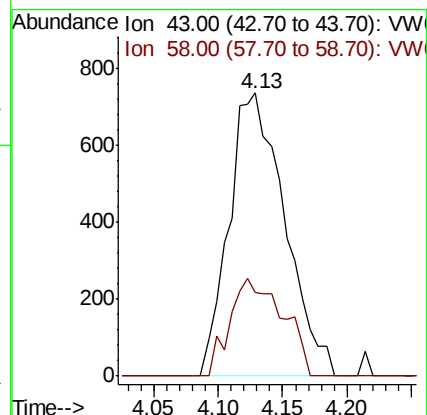
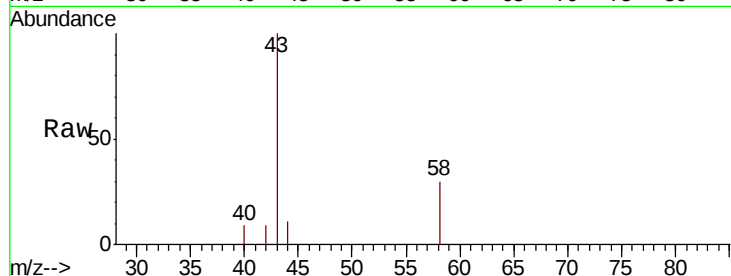
ClientSampleId :

Tot Ion: 43 Resp: 2218

Ion Ratio Lower Upper

43 100

58 29.6 24.8 37.2



#17

Carbon Disulfide

Concen: 1.048 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW007013.D

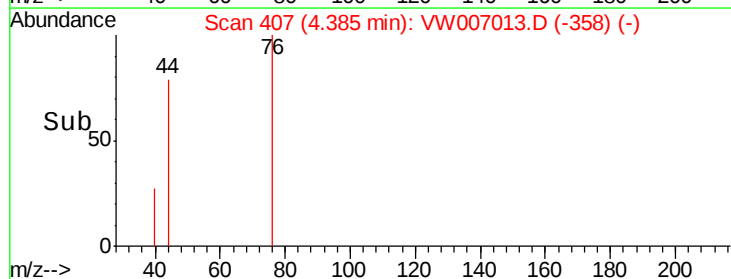
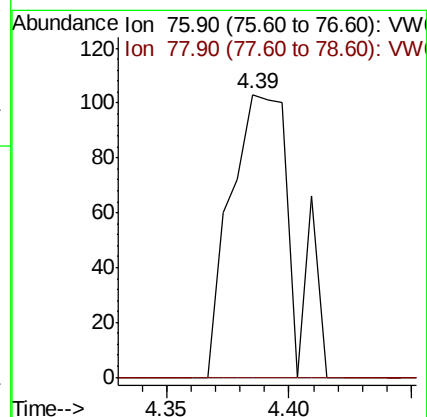
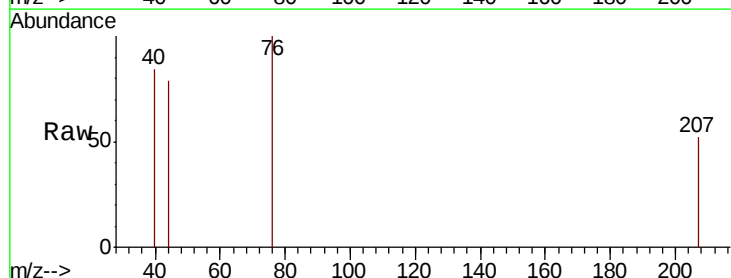
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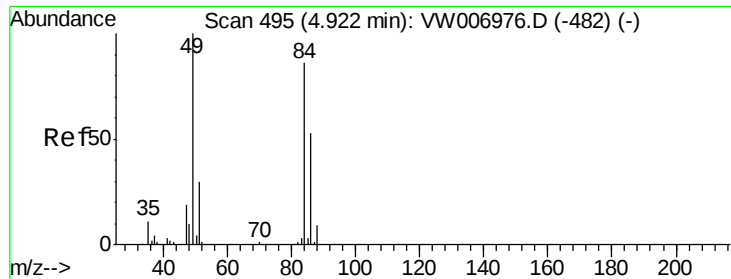
Tgt Ion: 76 Resp: 184

Ion Ratio Lower Upper

76 100

78 0.0 7.8 11.6#

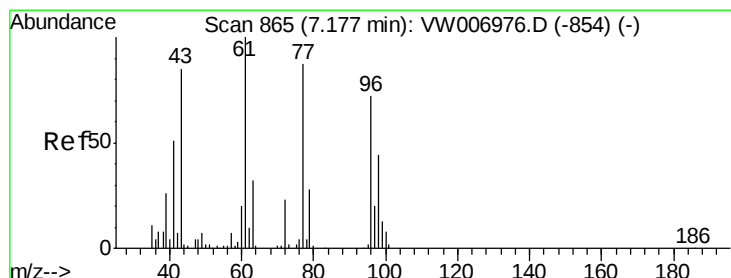
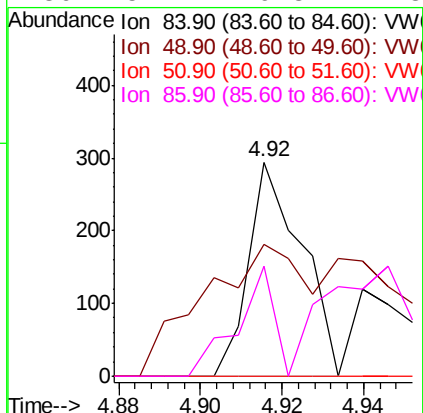
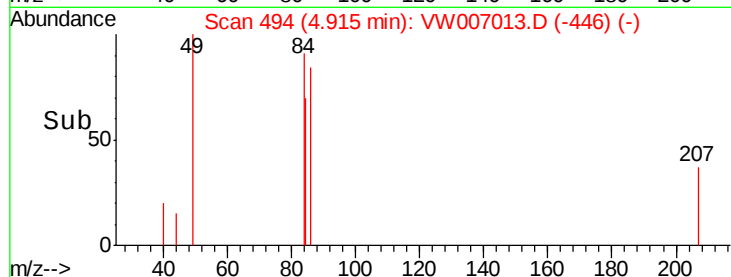
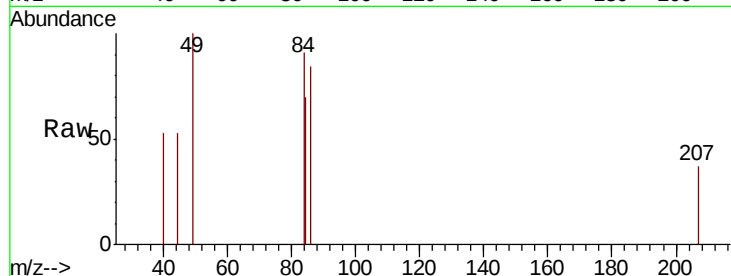




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007013.D
Acq: 21 Nov 2018 20:57

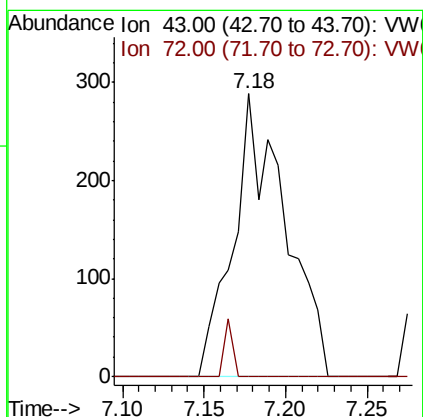
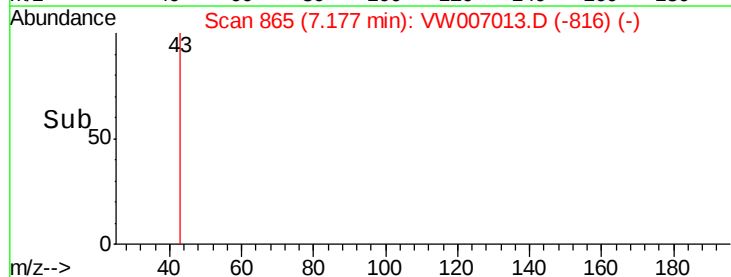
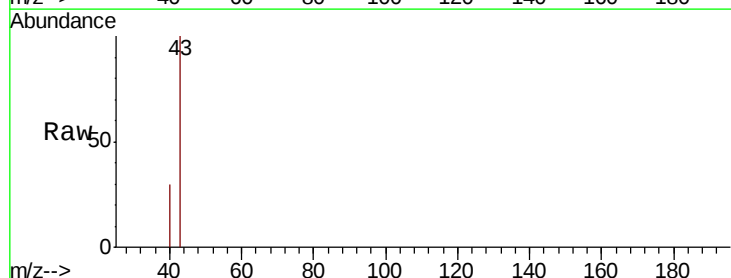
Instrument :
MSVOA_W
ClientSampled :

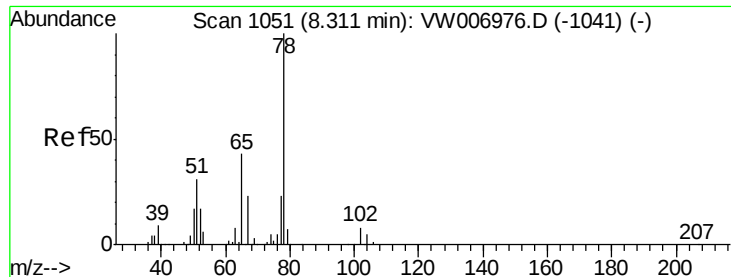
Tot Ion: 84 Resp: 267
Ion Ratio Lower Upper
84 100
49 33.3 93.4 140.0#
51 0.0 28.4 42.6#
86 51.7 49.8 74.8



#25
2-Butanone
Concen: 43.472 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW007013.D
Acq: 21 Nov 2018 20:57

Tgt Ion: 43 Resp: 635
Ion Ratio Lower Upper
43 100
72 0.0 21.3 31.9#

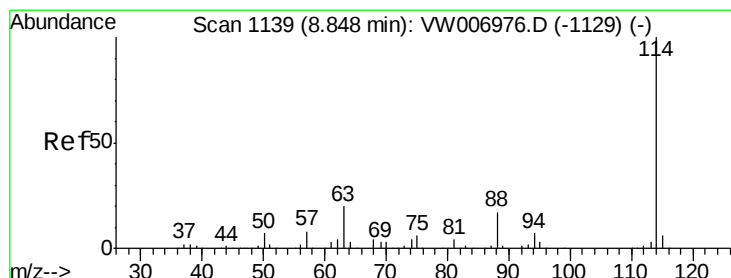
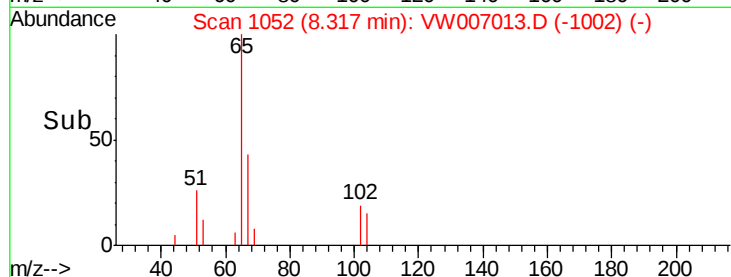
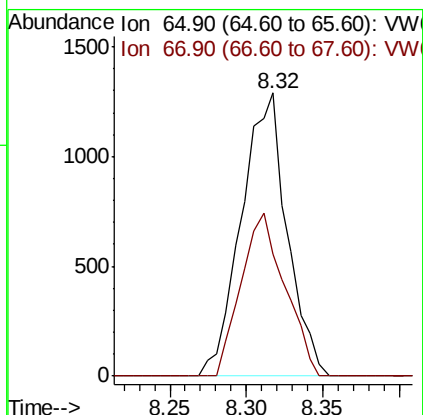
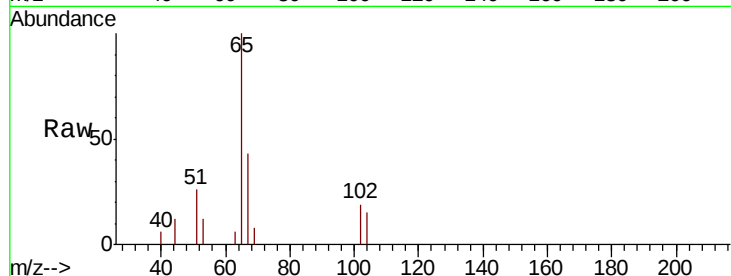




#33
 1,2-Dichloroethane-d4
 Concen: 45.641 ug/l
 RT: 8.32 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VW007013.D
 Acq: 21 Nov 2018 20:57

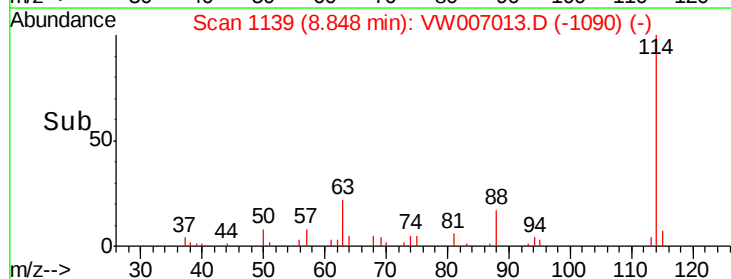
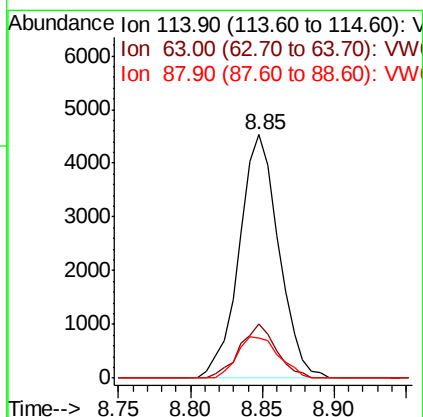
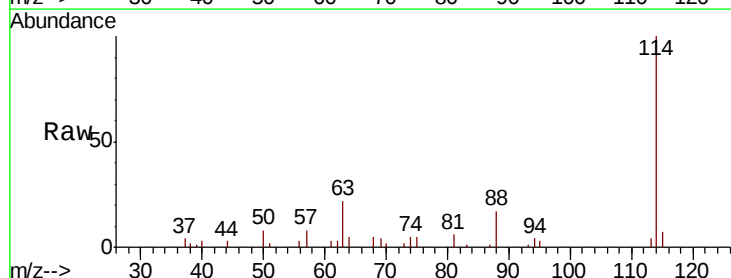
Instrument :
 MSVOA_W
 ClientSampled :

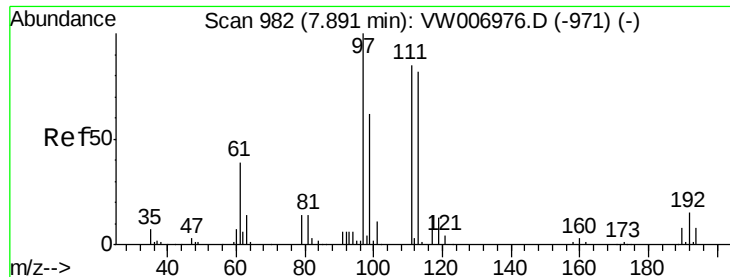
Tot Ion: 65 Resp: 2681
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007013.D
 Acq: 21 Nov 2018 20:57

Tgt Ion: 114 Resp: 8603
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 39.4
 88 16.6 0.0 34.2

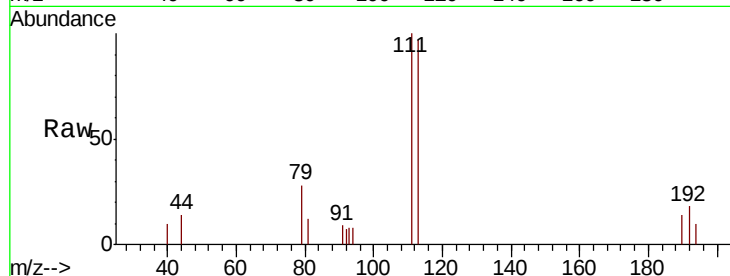




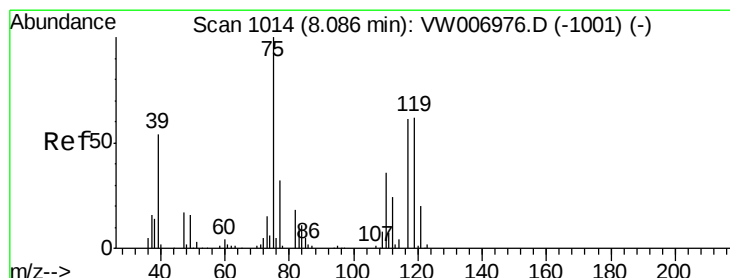
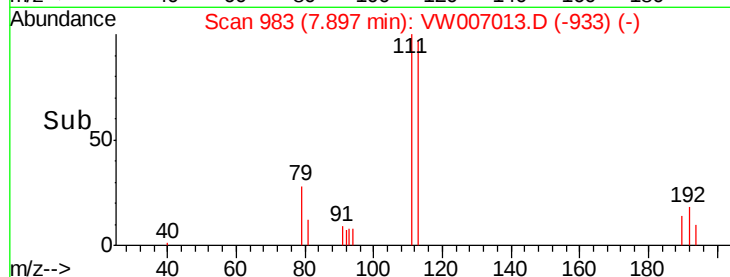
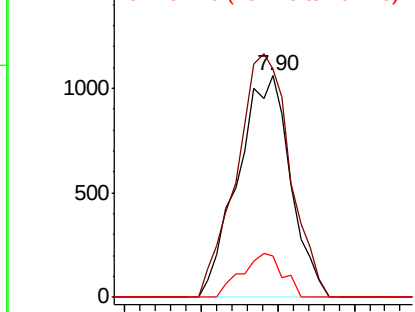
#35
 Dibromofluoromethane
 Concen: 52.055 ug/l
 RT: 7.90 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VW007013.D
 Acq: 21 Nov 2018 20:57

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 2529
 Ion Ratio Lower Upper
 113 100
 111 111.7 81.0 121.6
 192 15.5 15.0 22.6

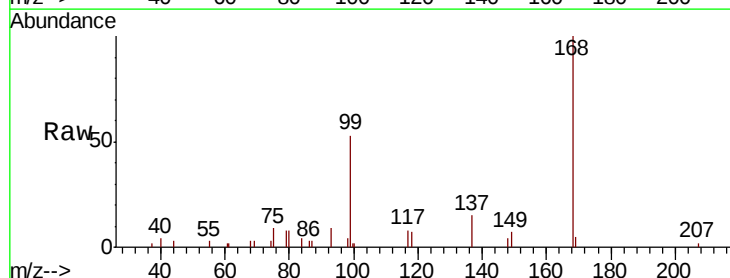


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

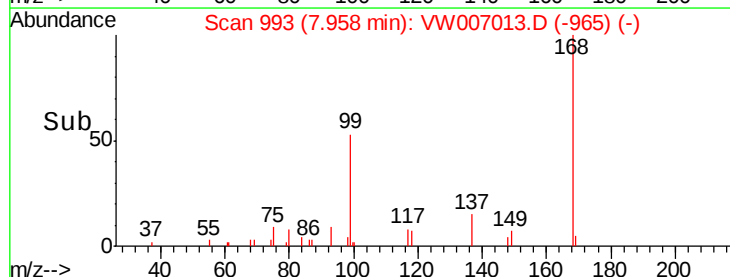
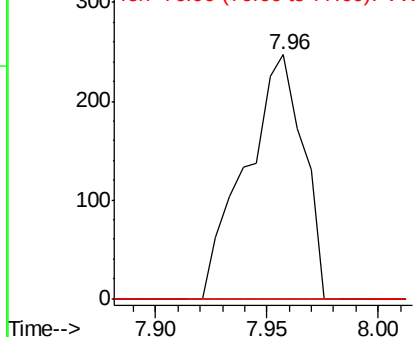


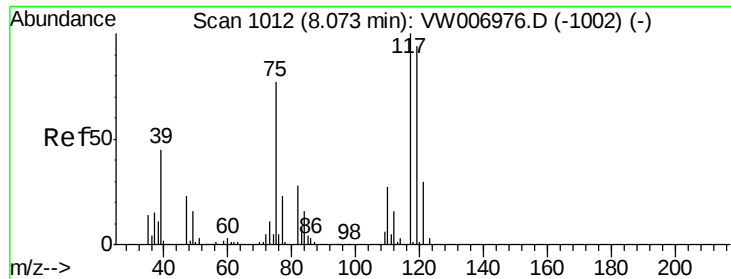
#36
 1,1-Dichloropropene
 Concen: 5.269 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW007013.D
 Acq: 21 Nov 2018 20:57

Tgt Ion: 75 Resp: 443
 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





#38

Carbon Tetrachloride

Concen: 7.341 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007013.D

Acq: 21 Nov 2018 20:57

Instrument :

MSVOA_W

ClientSampleId :

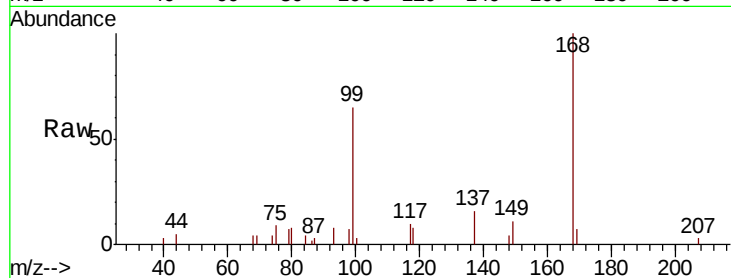
Tot Ion:117 Resp: 591

Ion Ratio Lower Upper

117 100

119 0.0 74.9 112.3#

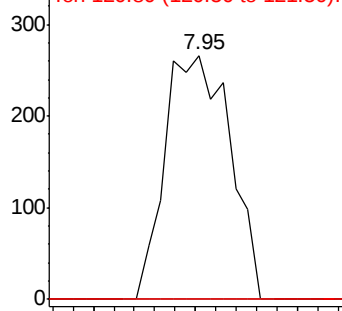
121 0.0 23.6 35.4#



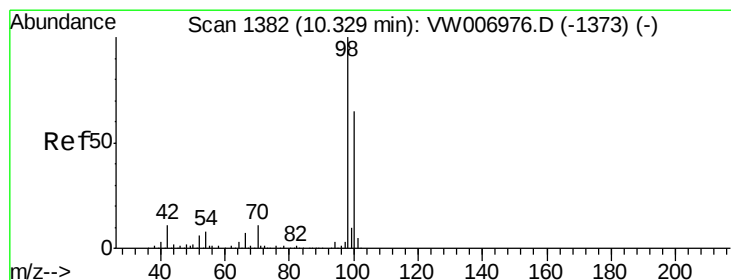
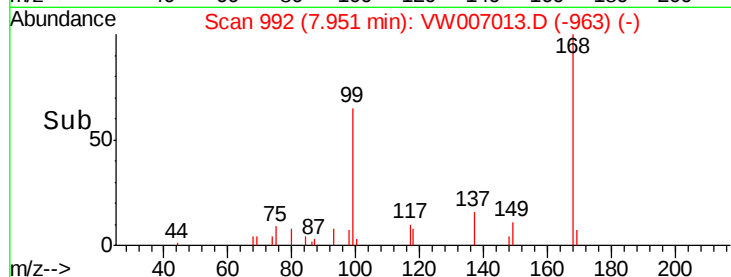
Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



Time-->



#50

Toluene-d8

Concen: 42.440 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007013.D

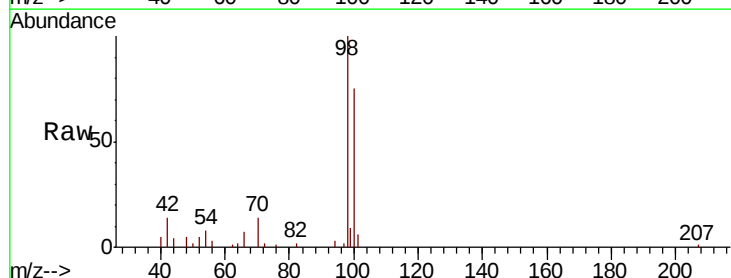
Acq: 21 Nov 2018 20:57

Tgt Ion: 98 Resp: 9105

Ion Ratio Lower Upper

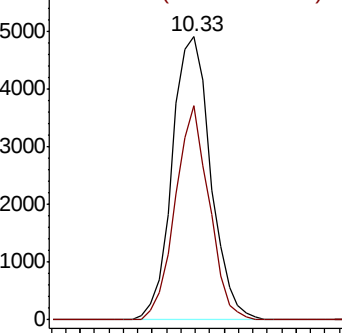
98 100

100 66.3 52.2 78.2

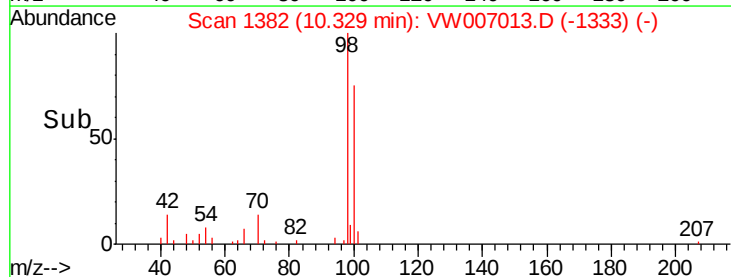


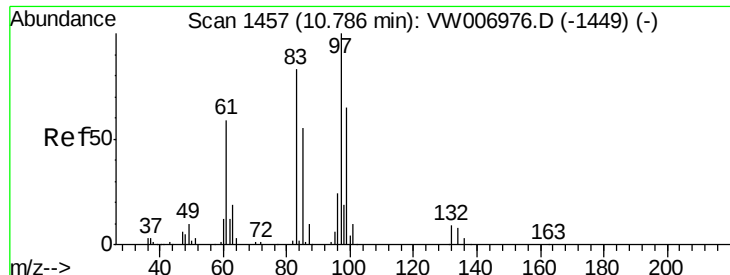
Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time-->

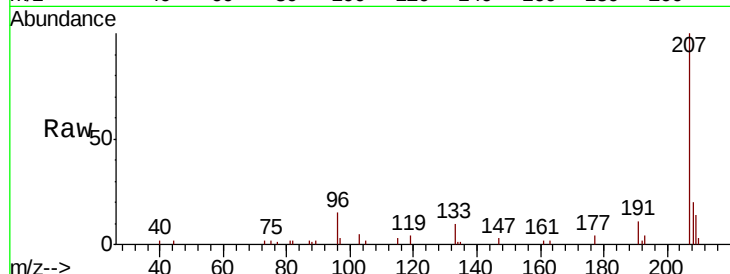




#55
 1,1,2-Trichloroethane
 Concen: 1.674 ug/l
 RT: 10.75 min Scan# 1451
 Delta R.T. -0.04 min
 Lab File: VW007013.D
 Acq: 21 Nov 2018 20:57

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	69
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#



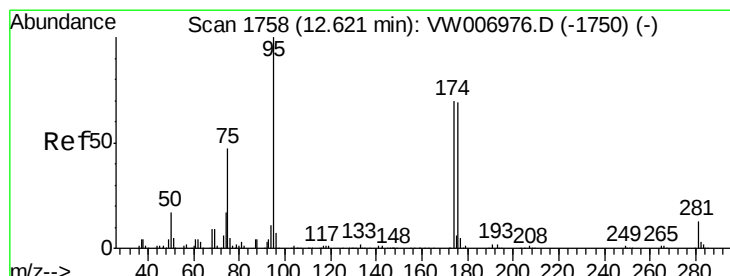
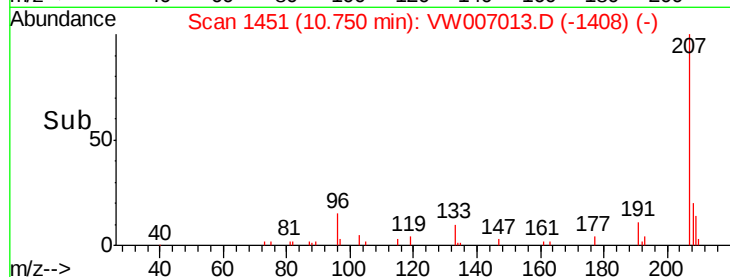
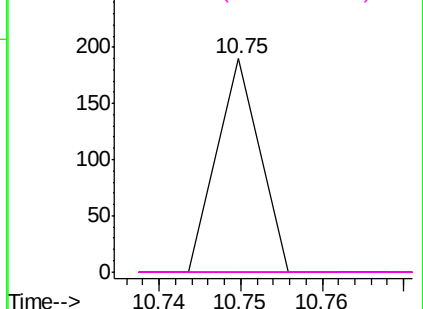
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

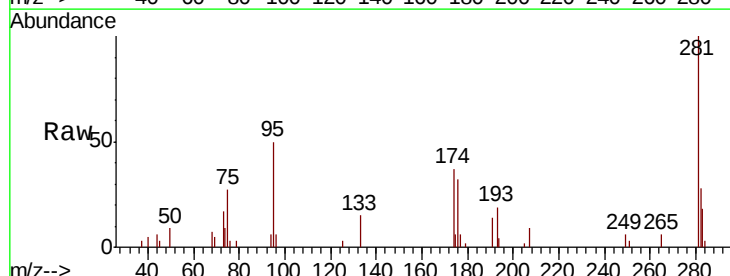
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#62
 4-Bromofluorobenzene
 Concen: 21.736 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007013.D
 Acq: 21 Nov 2018 20:57

Tgt Ion:	95	Resp:	1835
Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	143.6
176	62.0	0.0	140.4

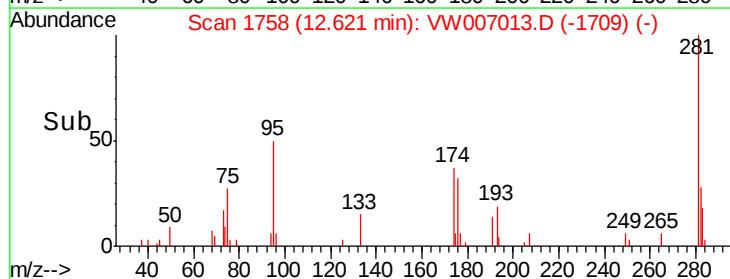
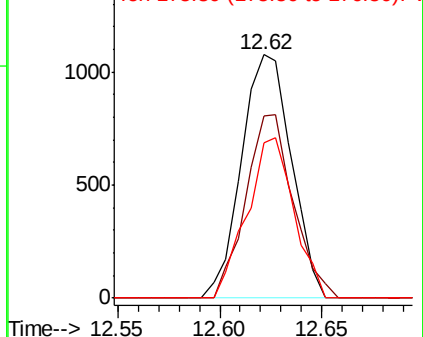


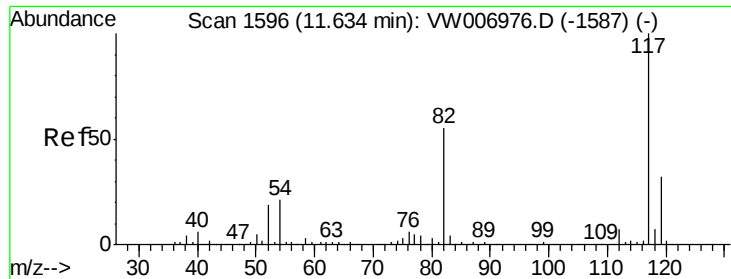
Abundance

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

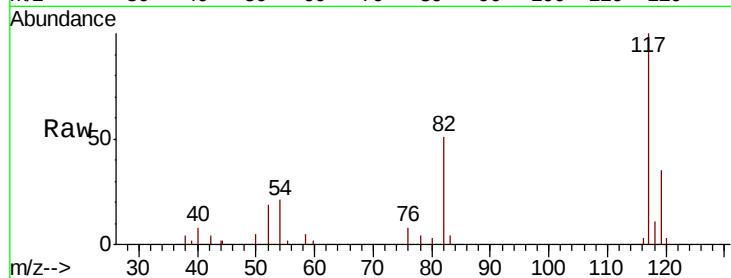




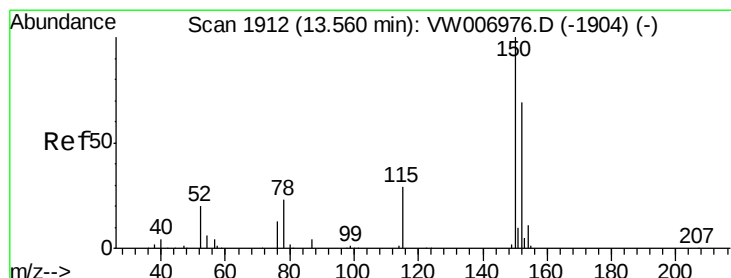
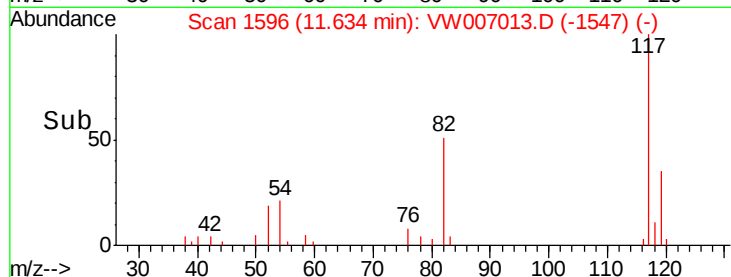
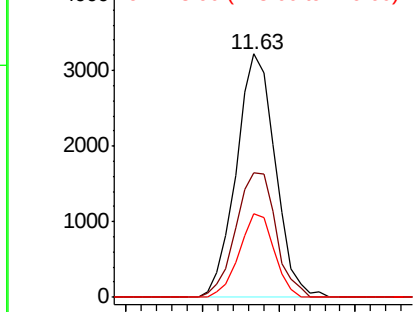
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007013.D
Acq: 21 Nov 2018 20:57

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 5691
Ion Ratio Lower Upper
117 100
82 51.4 44.2 66.2
119 34.5 25.9 38.9

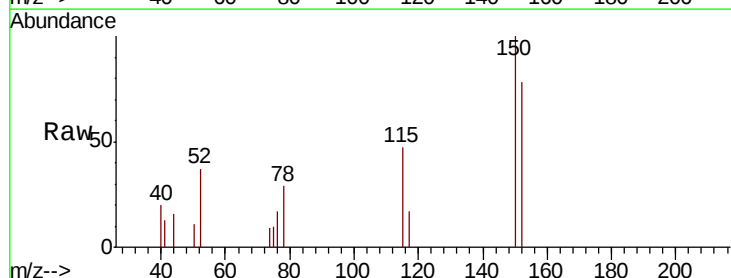


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

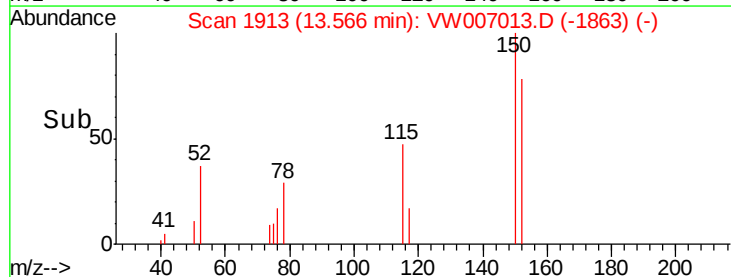
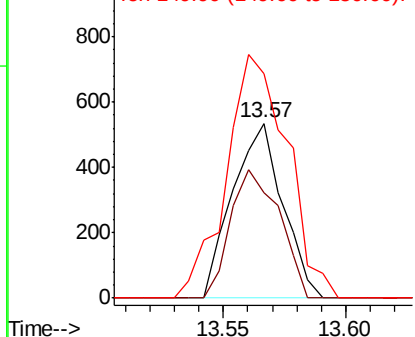


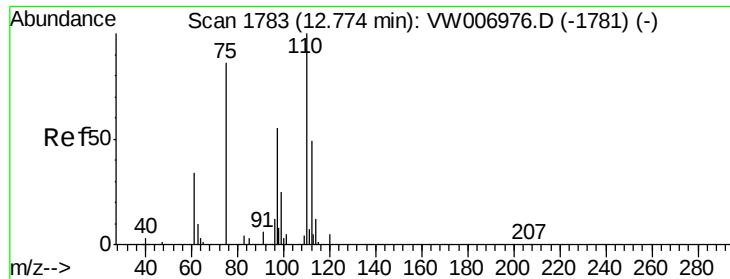
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007013.D
Acq: 21 Nov 2018 20:57

Tgt Ion:152 Resp: 766
Ion Ratio Lower Upper
152 100
115 71.4 31.4 94.2
150 168.9 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

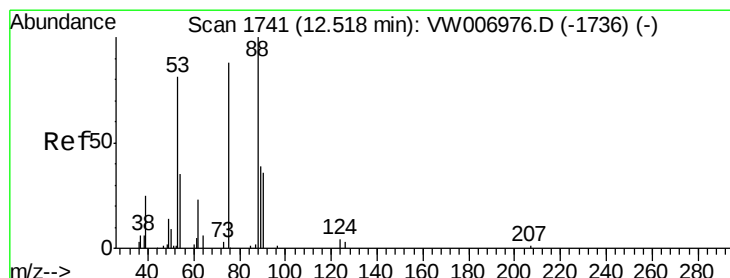
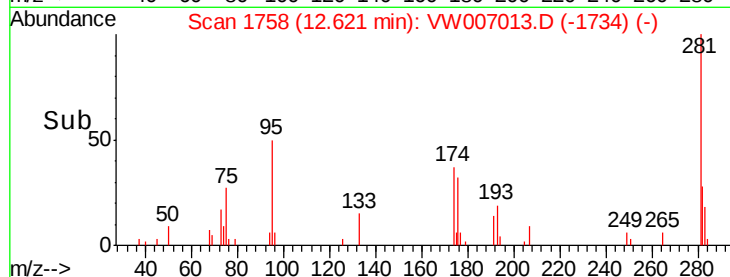
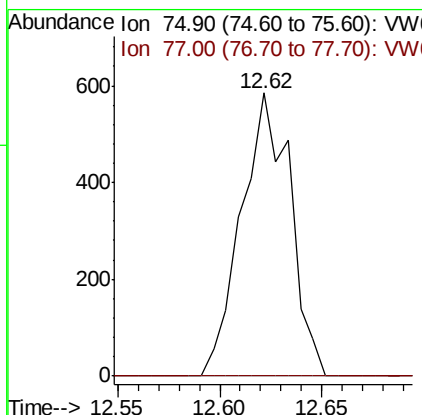
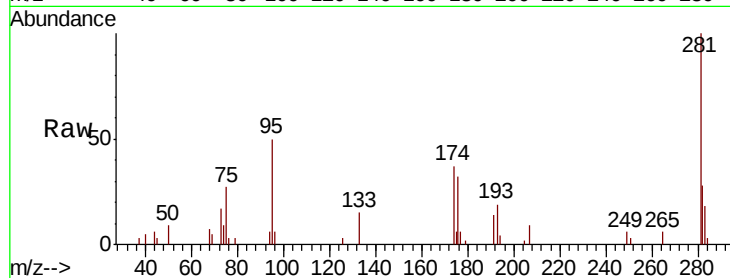




#76
 1,2,3-Trichloropropane
 Concen: 161.650 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007013.D
 Acq: 21 Nov 2018 20:57

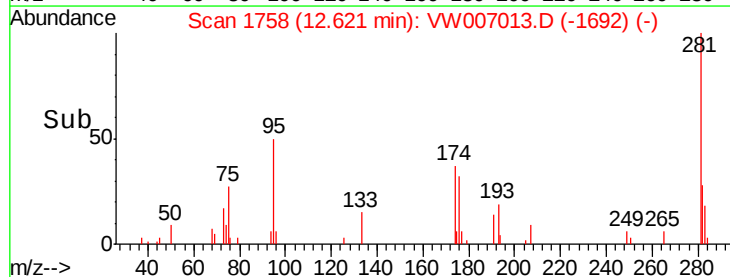
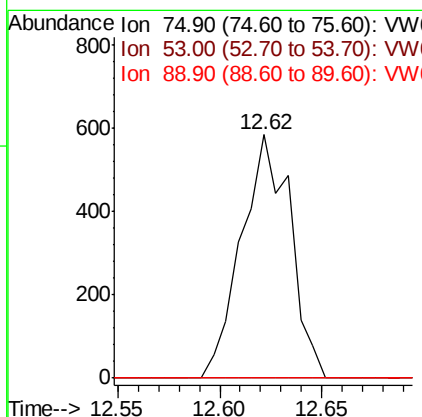
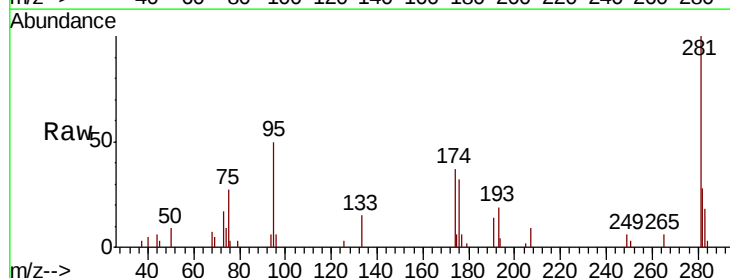
Instrument :
 MSVOA_W
 ClientSampled :

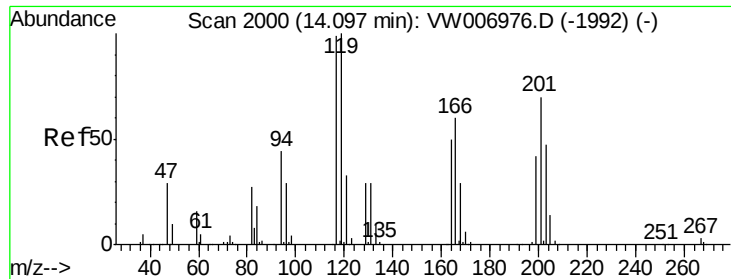
Tot Ion: 75 Resp: 973
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 405.838 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007013.D
 Acq: 21 Nov 2018 20:57

Tgt Ion: 75 Resp: 973
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 39.3 58.9#





#90

Hexachloroethane

Concen: 2.343 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: VW007013.D

Acq: 21 Nov 2018 20:57

Instrument :

MSVOA_W

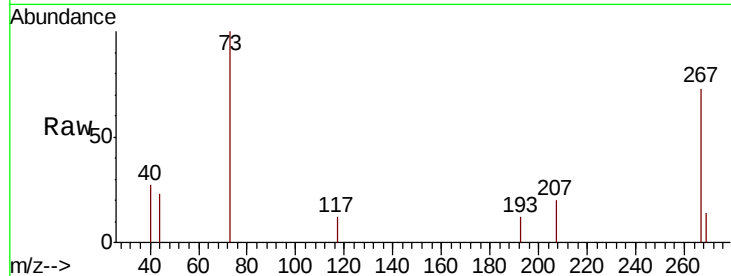
ClientSampleId :

Tot Ion:117 Resp: 19

Ion Ratio Lower Upper

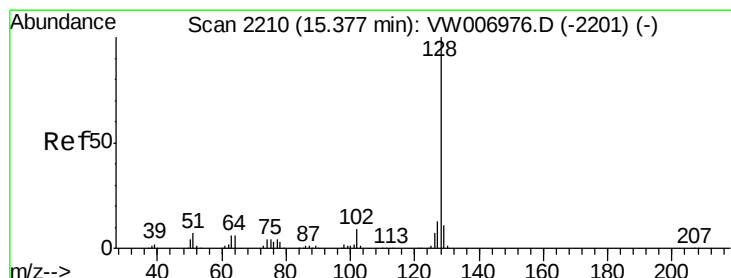
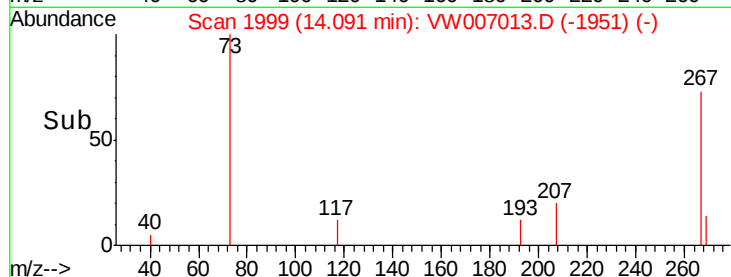
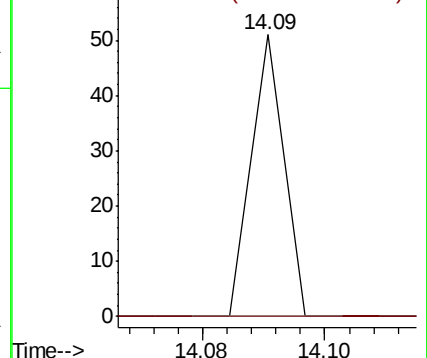
117 100

201 0.0 35.9 107.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 2.045 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW007013.D

Acq: 21 Nov 2018 20:57

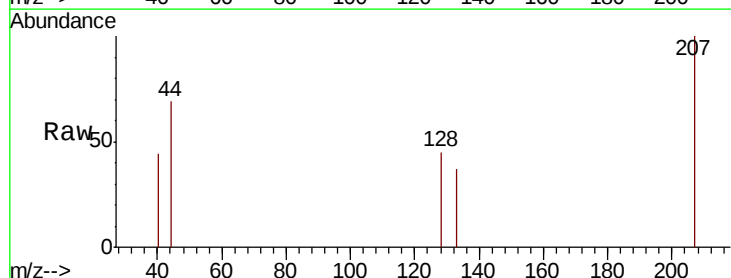
Tgt Ion:128 Resp: 56

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

