

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100818\
 Data File : VW005933.D
 Acq On : 09 Oct 2018 09:38
 Operator : SY/AP
 Sample : J5329-01
 Misc : 6.22G/5ML/MSVOA W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 09 11:12:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	61726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	96036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	75713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	37712	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	24406	40.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.46%	
35) Dibromofluoromethane	7.88	113	22215	36.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.46%	
50) Toluene-d8	10.33	98	61558	26.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	52.18%	
62) 4-Bromofluorobenzene	12.62	95	27041	30.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.26%	

Target Compounds

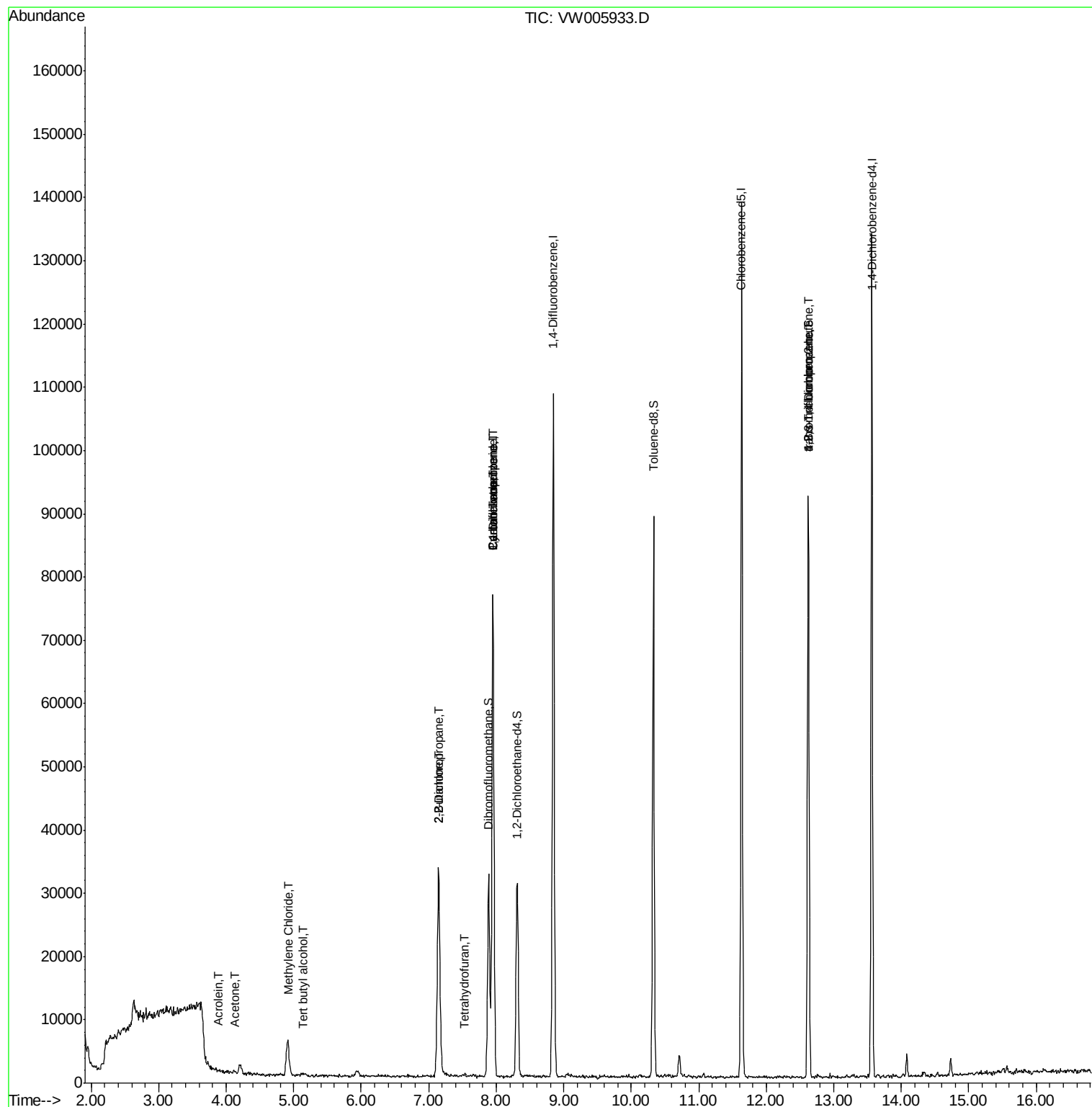
						Qvalue
11) Tert butyl alcohol	5.14	59	127	2.892	ug/l #	74
13) Acrolein	3.88	56	46	1.175	ug/l #	16
16) Acetone	4.13	43	591	4.938	ug/l	91
20) Methylene Chloride	4.92	84	4293	7.159	ug/l	92
25) 2-Butanone	7.15	43	1968	11.560	ug/l #	49
26) 2,2-Dichloropropane	7.15	77	2372	3.179	ug/l #	52
29) Tetrahydrofuran	7.54	42	145	1.347	ug/l #	34
31) Cyclohexane	7.95	56	1432	1.365	ug/l #	2
36) 1,1-Dichloropropene	7.95	75	4302	4.675	ug/l #	47
38) Carbon Tetrachloride	7.95	117	5537	5.601	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	13444	39.908	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	13444	84.251	ug/l #	11

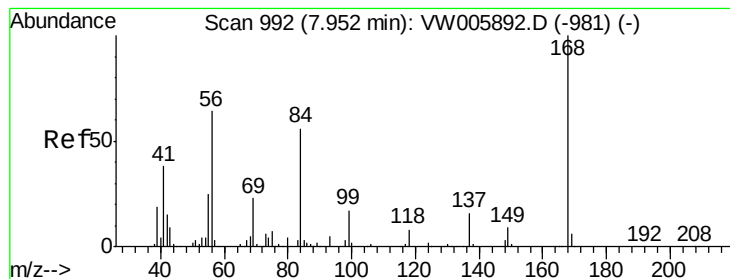
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 09 02:14:04 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: VW005933.D

Acq: 09 Oct 2018 09:38

Instrument :

MSVOA_W

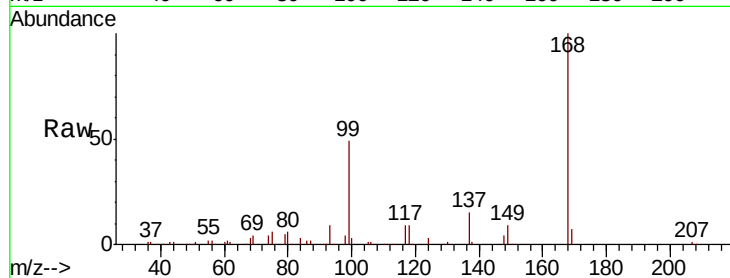
ClientSampled :

Tot Ion:168 Resp: 61726

Ion Ratio Lower Upper

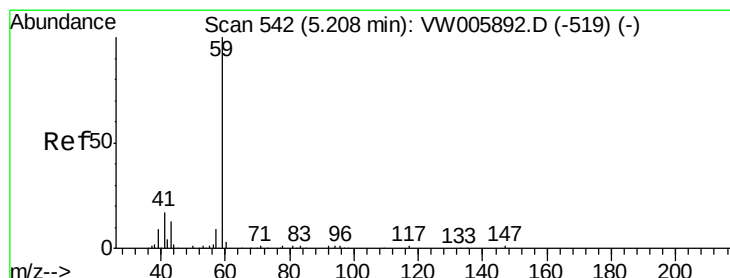
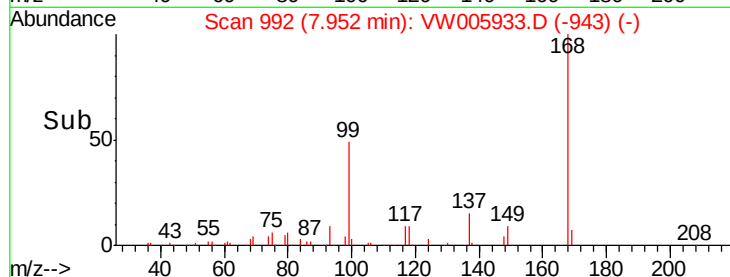
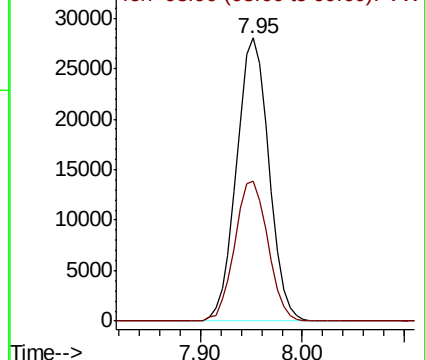
168 100

99 49.5 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.892 ug/l

RT: 5.14 min Scan# 531

Delta R.T. -0.07 min

Lab File: VW005933.D

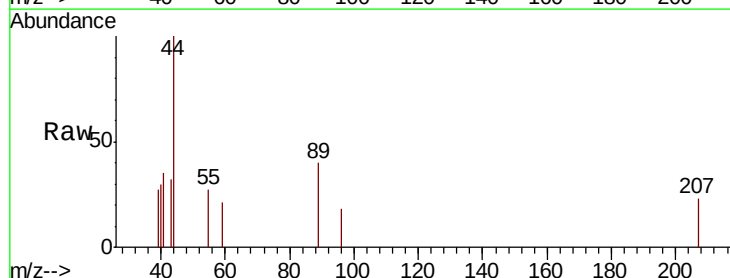
Acq: 09 Oct 2018 09:38

Tgt Ion: 59 Resp: 127

Ion Ratio Lower Upper

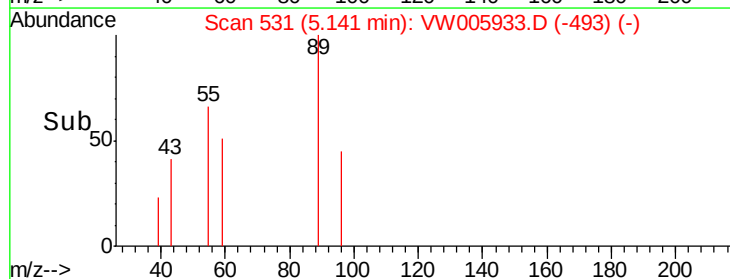
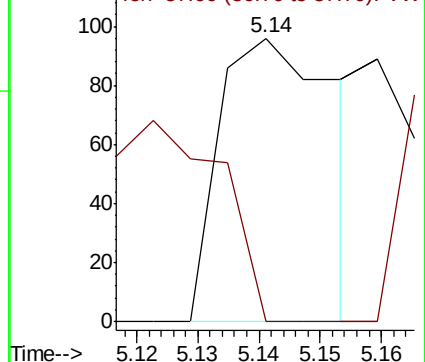
59 100

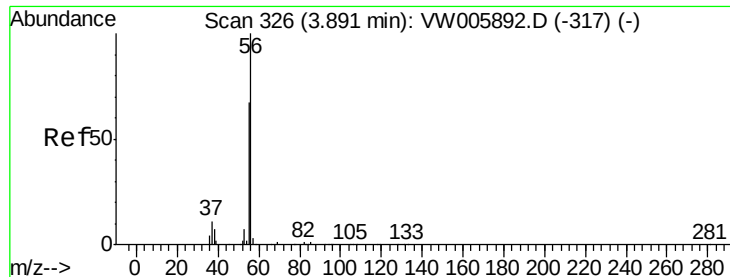
57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 1.175 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW005933.D

Acq: 09 Oct 2018 09:38

Instrument :

MSVOA_W

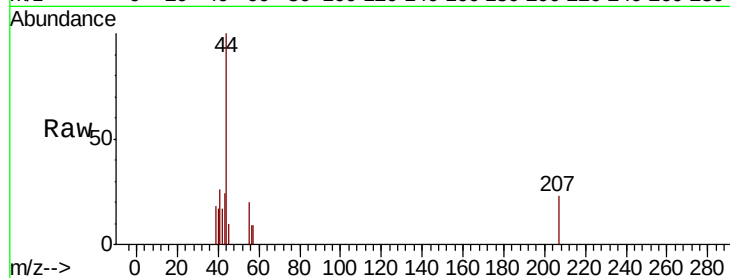
ClientSampleId :

Tot Ion: 56 Resp: 46

Ion Ratio Lower Upper

56 100

55 0.0 54.6 82.0#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

150

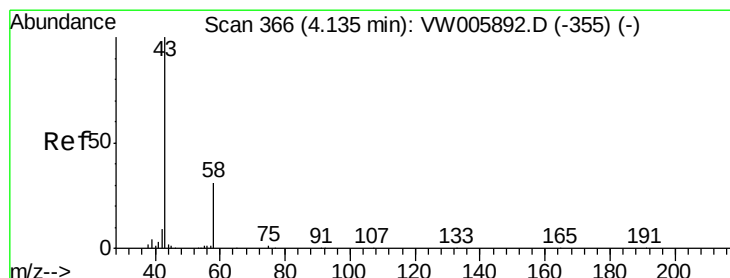
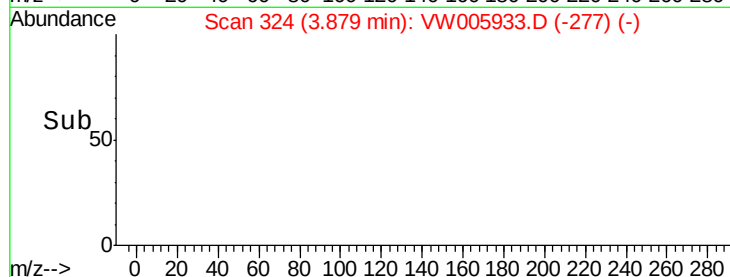
100

50

0

3.87 3.88 3.89 3.90

Time-->



#16

Acetone

Concen: 4.938 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW005933.D

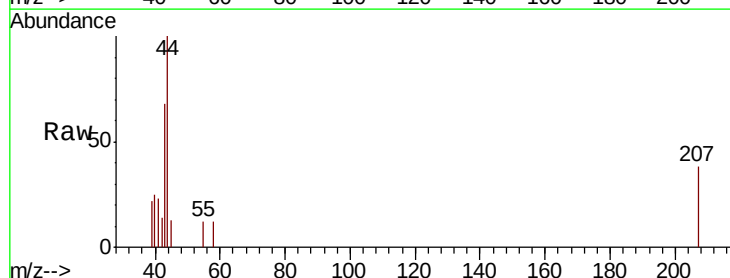
Acq: 09 Oct 2018 09:38

Tgt Ion: 43 Resp: 591

Ion Ratio Lower Upper

43 100

58 25.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

400

300

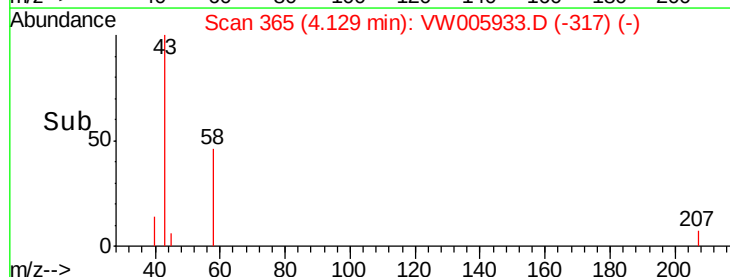
200

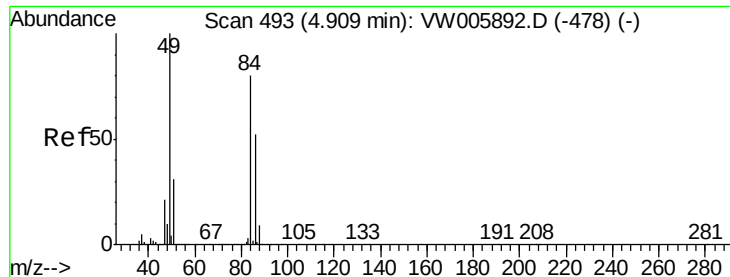
100

0

4.05 4.10 4.15

Time-->

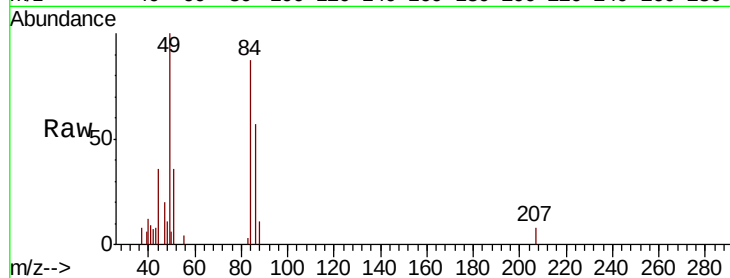




#20
Methylene Chloride
Concen: 7.159 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005933.D
Acq: 09 Oct 2018 09:38

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	84	Resp:	4293
Ion	Ratio	Lower	Upper
84	100		
49	110.3	99.9	149.9
51	40.6	31.1	46.7
86	65.0	51.8	77.6



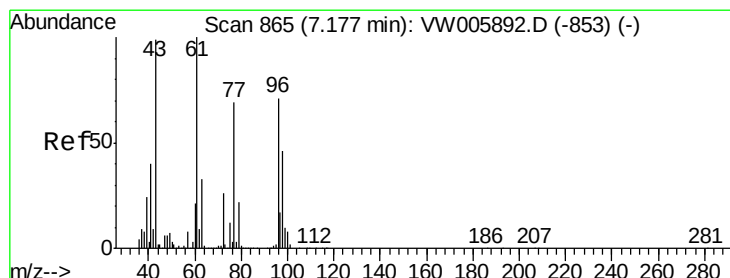
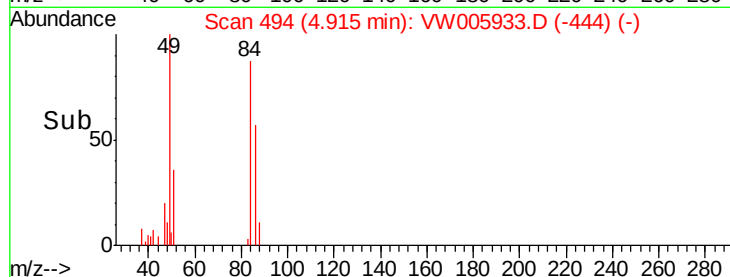
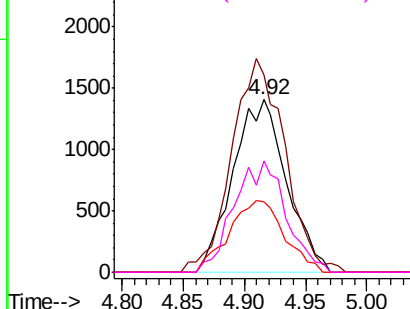
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

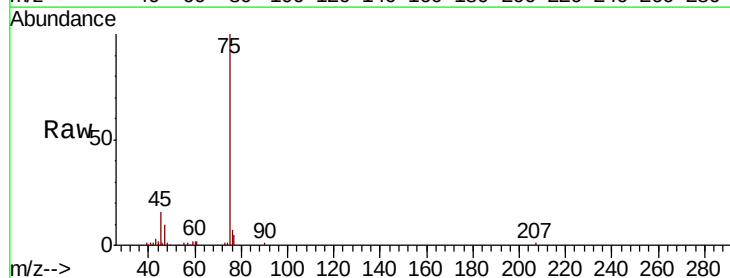
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25
2-Butanone
Concen: 11.560 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW005933.D
Acq: 09 Oct 2018 09:38

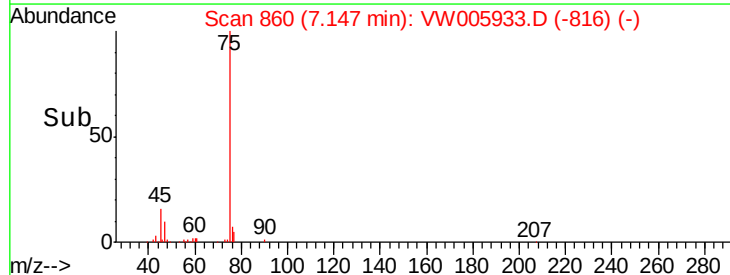
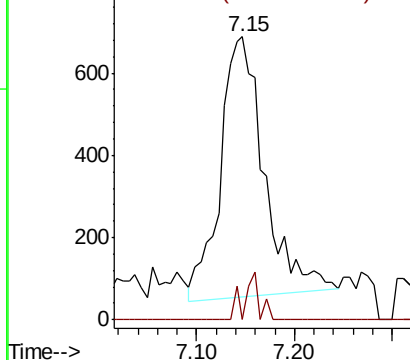
Tgt Ion:	43	Resp:	1968
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.4#

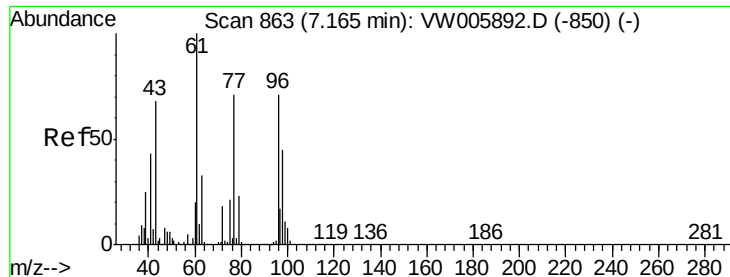


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

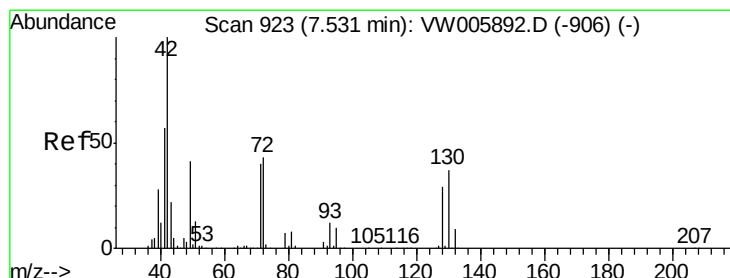
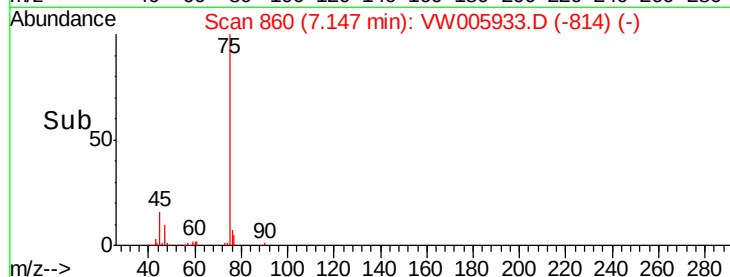
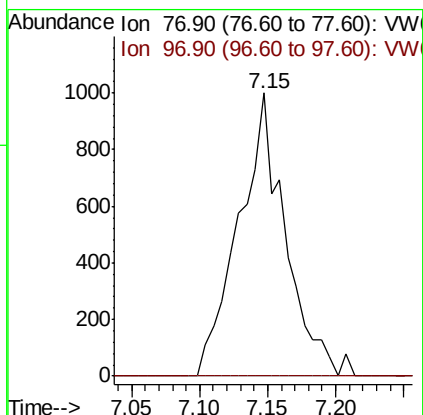
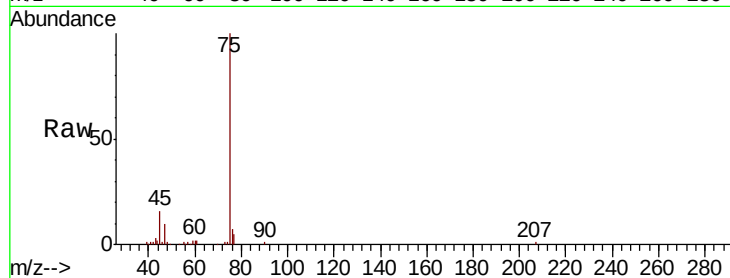




#26
 2,2-Dichloropropane
 Concen: 3.179 ug/l
 RT: 7.15 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: VW005933.D
 Acq: 09 Oct 2018 09:38

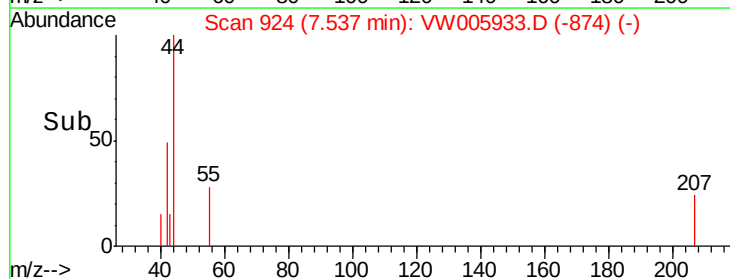
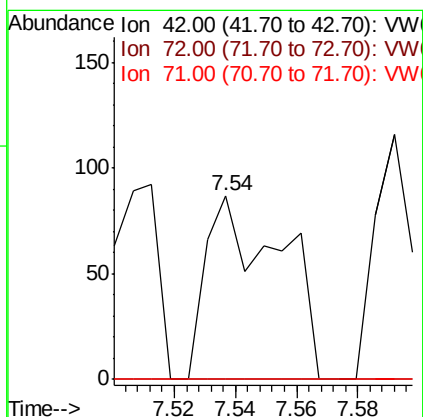
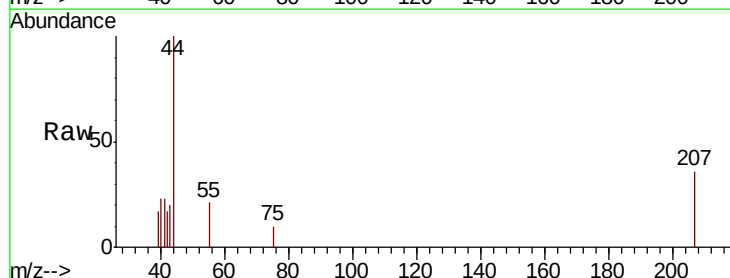
Instrument :
 MSVOA_W
 ClientSampled :

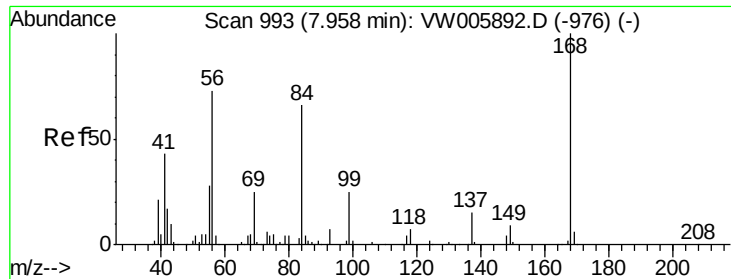
Tot Ion: 77 Resp: 2372
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.9 35.7#



#29
 Tetrahydrofuran
 Concen: 1.347 ug/l
 RT: 7.54 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: VW005933.D
 Acq: 09 Oct 2018 09:38

Tgt Ion: 42 Resp: 145
 Ion Ratio Lower Upper
 42 100
 72 0.0 34.6 51.8#
 71 0.0 32.6 49.0#

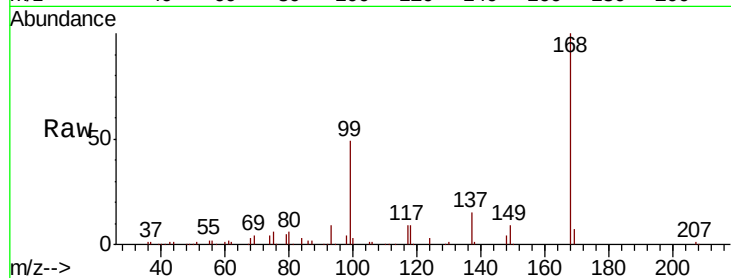




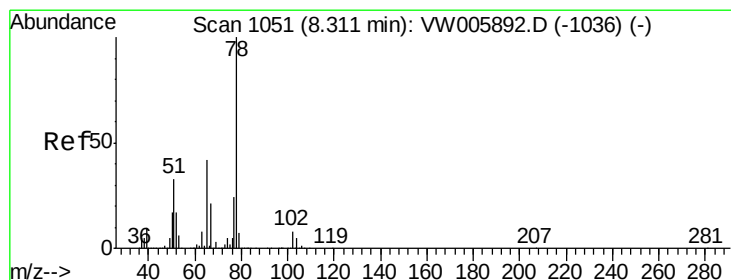
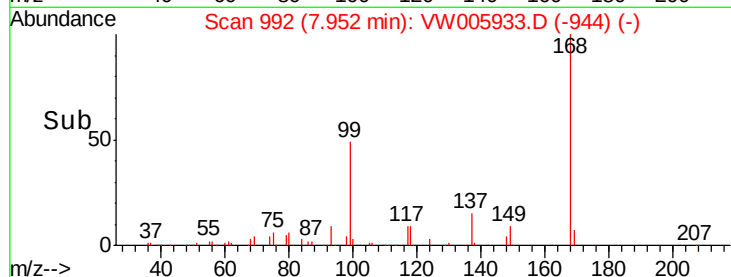
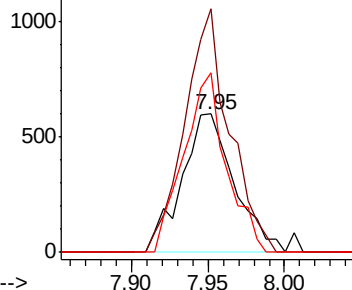
#31
Cyclohexane
Concen: 1.365 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005933.D
Acq: 09 Oct 2018 09:38

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 1432
Ion Ratio Lower Upper
56 100
69 176.1 27.9 41.9#
84 129.5 72.3 108.5#

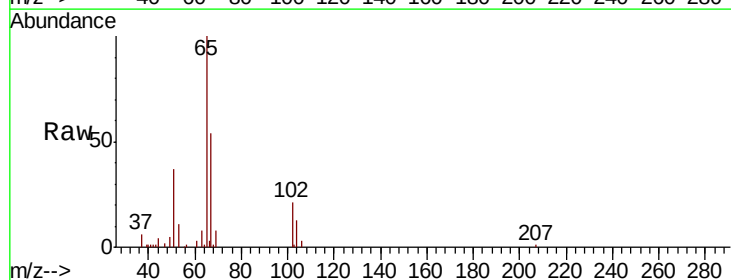


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

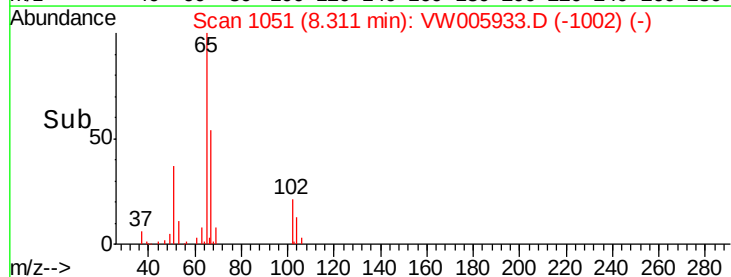
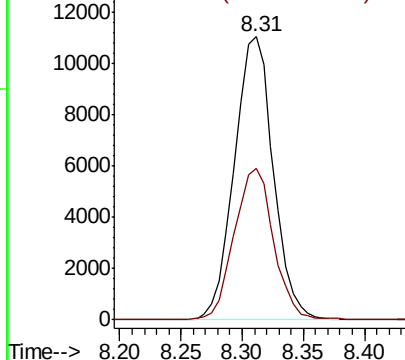


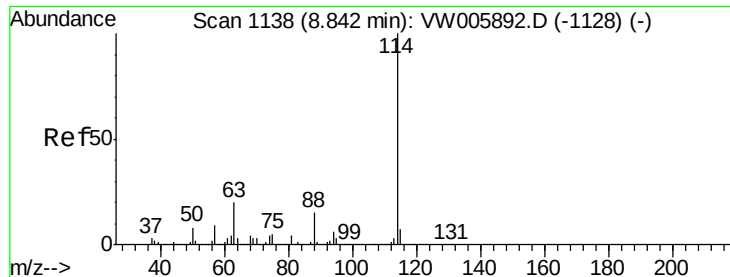
#33
1,2-Dichloroethane-d4
Concen: 40.730 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005933.D
Acq: 09 Oct 2018 09:38

Tgt Ion: 65 Resp: 24406
Ion Ratio Lower Upper
65 100
67 54.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

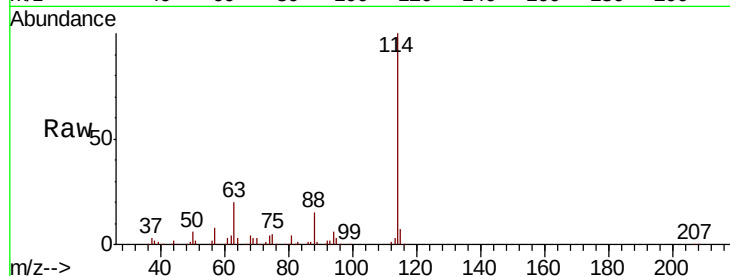




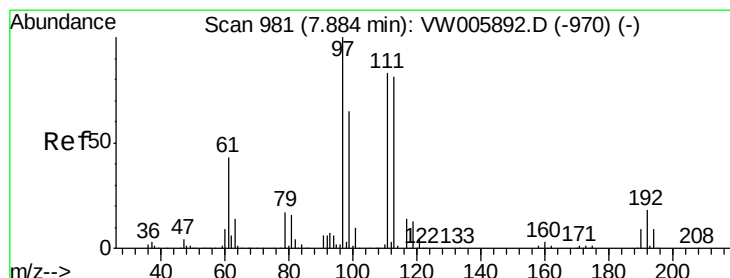
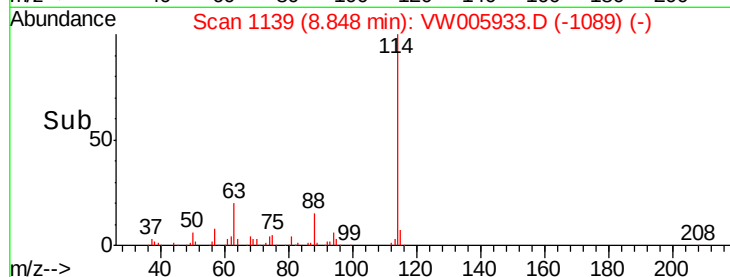
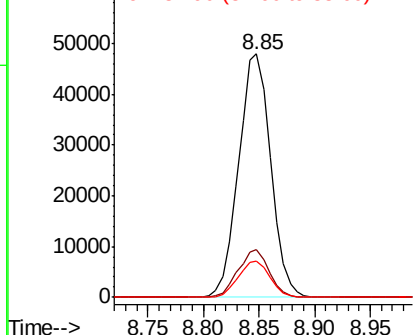
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005933.D
 Acq: 09 Oct 2018 09:38

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 96036
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.2
 88 14.7 0.0 30.8

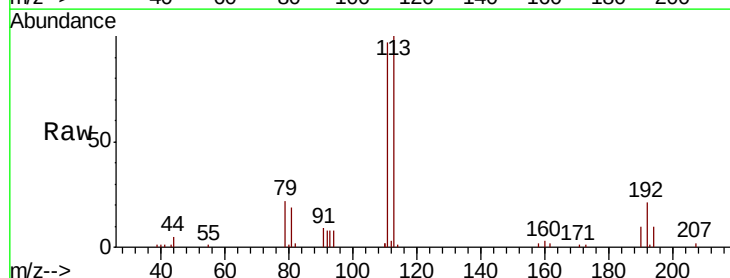


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

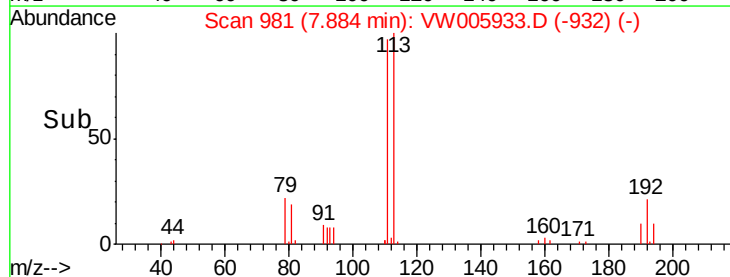
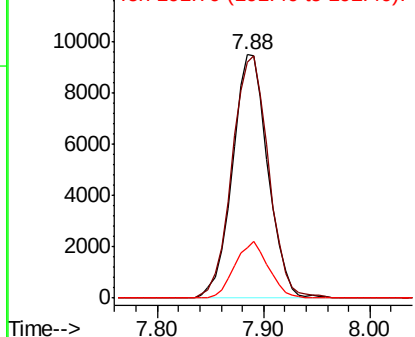


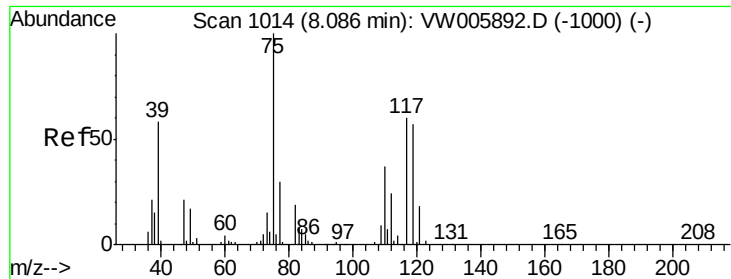
#35
 Dibromofluoromethane
 Concen: 36.231 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005933.D
 Acq: 09 Oct 2018 09:38

Tgt Ion:113 Resp: 22215
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.0 123.0
 192 21.9 18.3 27.5



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

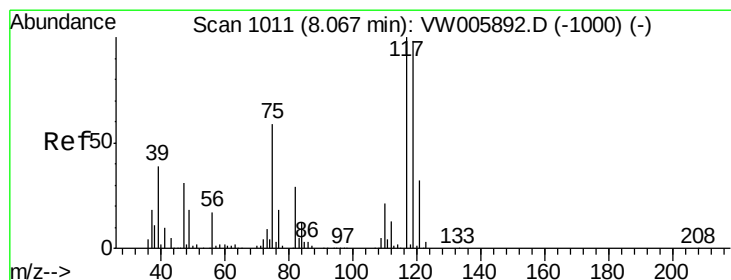
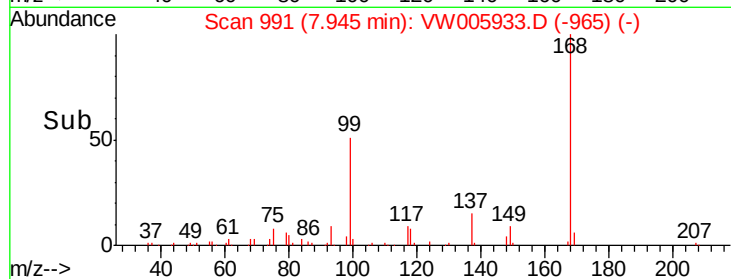
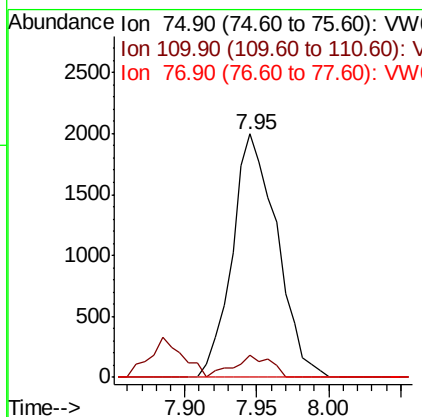
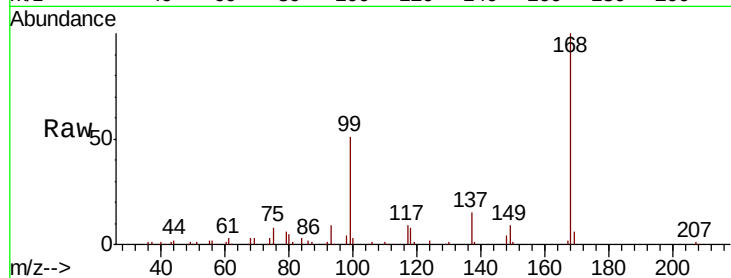




#36
 1,1-Dichloropropene
 Concen: 4.675 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW005933.D
 Acq: 09 Oct 2018 09:38

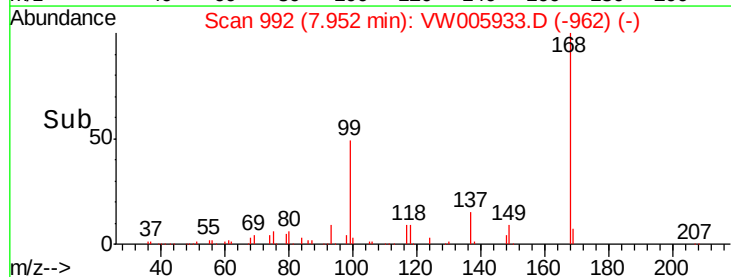
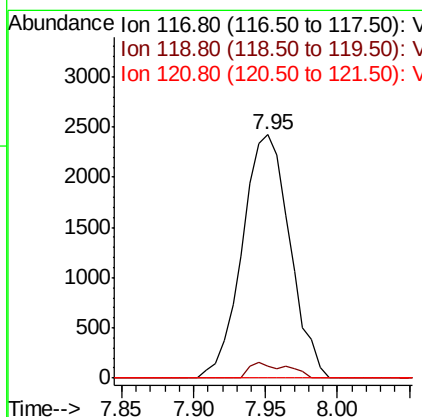
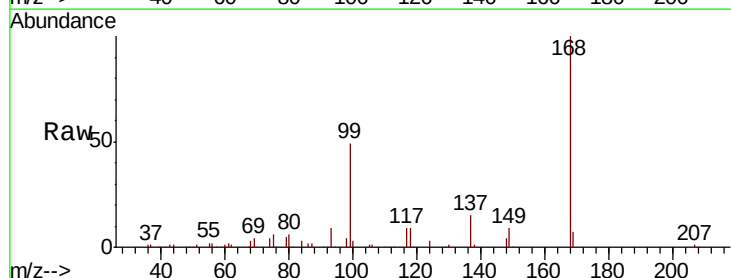
Instrument :
 MSVOA_W
 ClientSampled :

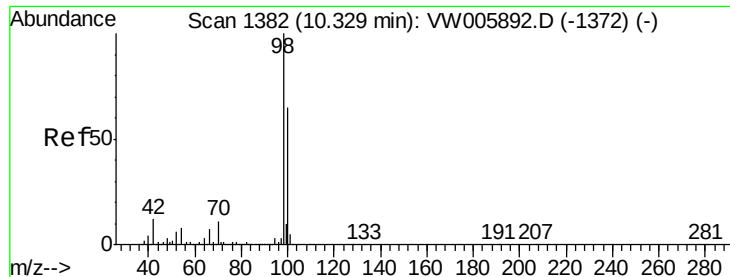
Tot Ion	75	Resp	4302
Ion Ratio	Lower	Upper	
75	100		
110	7.4	18.6	56.0#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.601 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005933.D
 Acq: 09 Oct 2018 09:38

Tgt Ion	117	Resp	5537
Ion Ratio	Lower	Upper	
117	100		
119	5.0	78.6	117.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 26.094 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005933.D

Acq: 09 Oct 2018 09:38

Instrument :

MSVOA_W

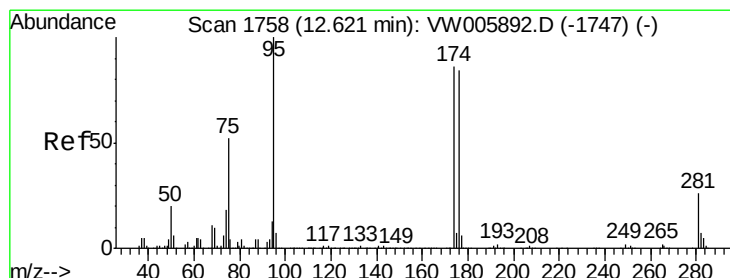
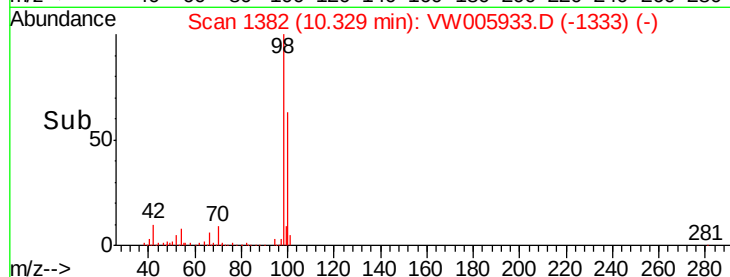
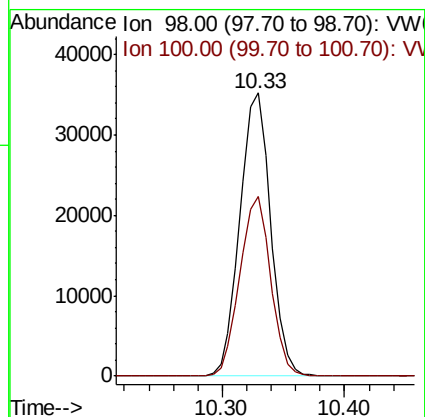
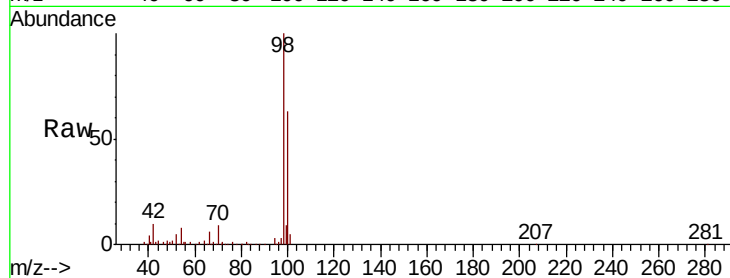
ClientSampleId :

Tot Ion: 98 Resp: 61558

Ion Ratio Lower Upper

98 100

100 63.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 30.128 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005933.D

Acq: 09 Oct 2018 09:38

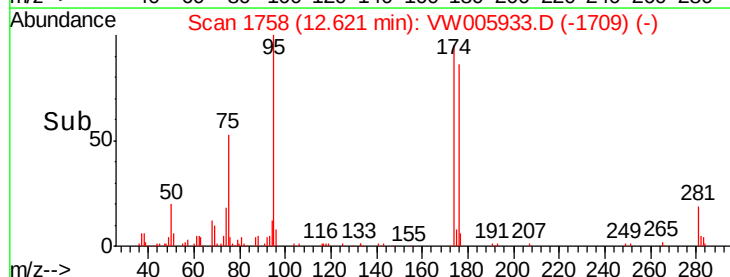
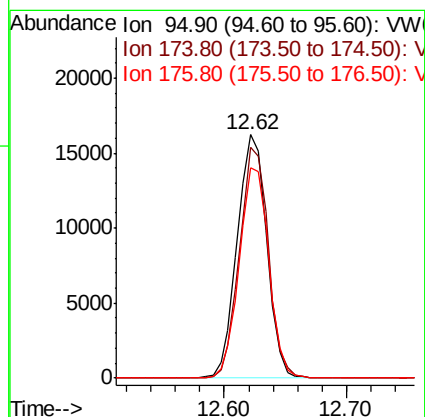
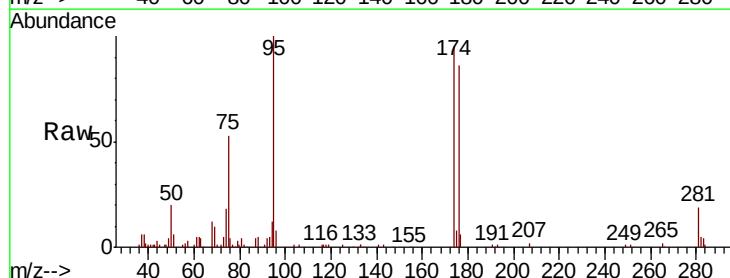
Tgt Ion: 95 Resp: 27041

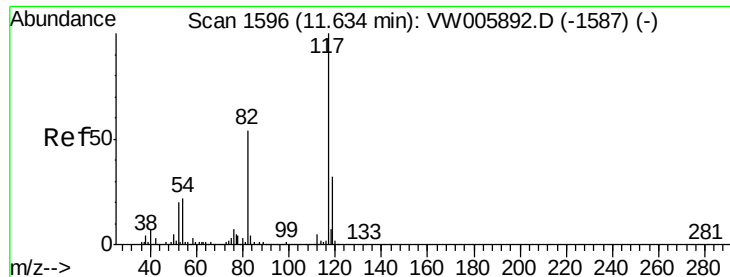
Ion Ratio Lower Upper

95 100

174 92.9 0.0 176.4

176 86.9 0.0 173.0

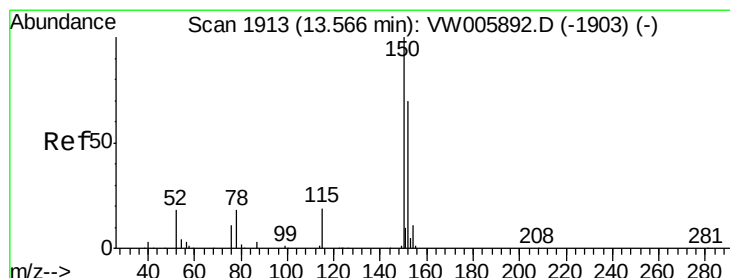
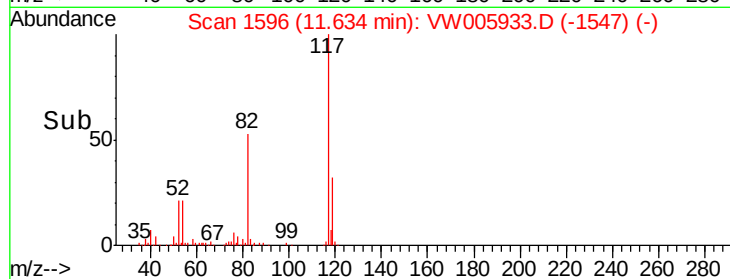
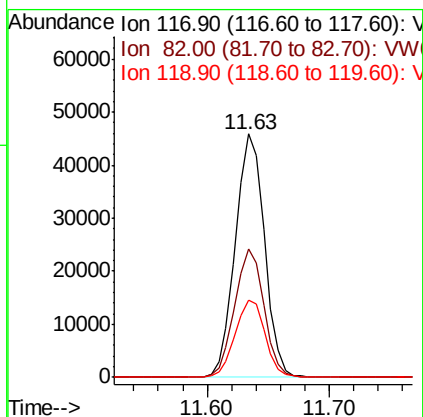
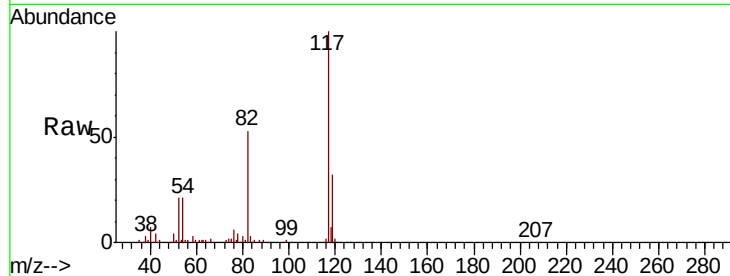




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005933.D
Acq: 09 Oct 2018 09:38

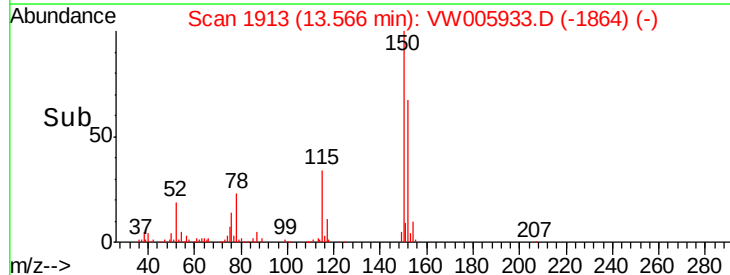
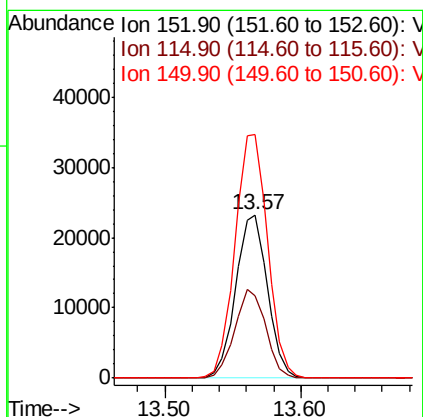
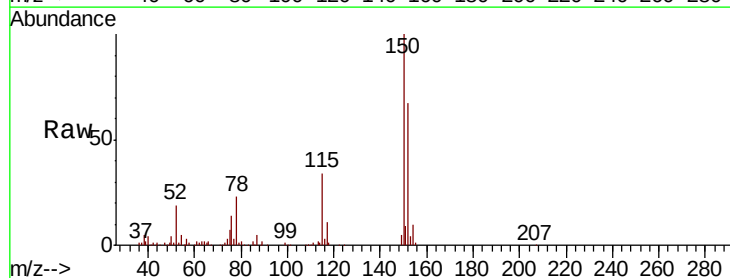
Instrument :
MSVOA_W
ClientSampleId :

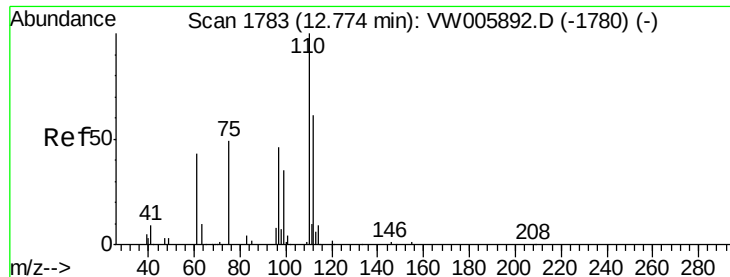
Tot Ion:117 Resp: 75713
Ion Ratio Lower Upper
117 100
82 52.5 43.5 65.3
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005933.D
Acq: 09 Oct 2018 09:38

Tgt Ion:152 Resp: 37712
Ion Ratio Lower Upper
152 100
115 53.0 28.3 85.0
150 153.0 0.0 349.2

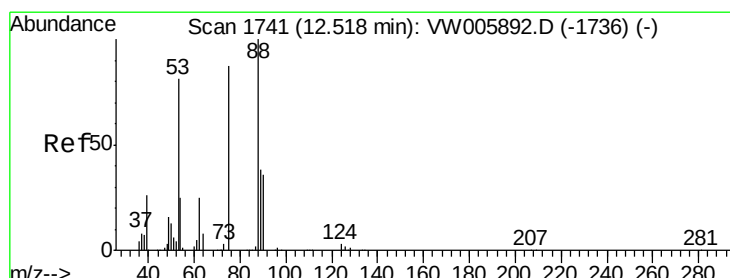
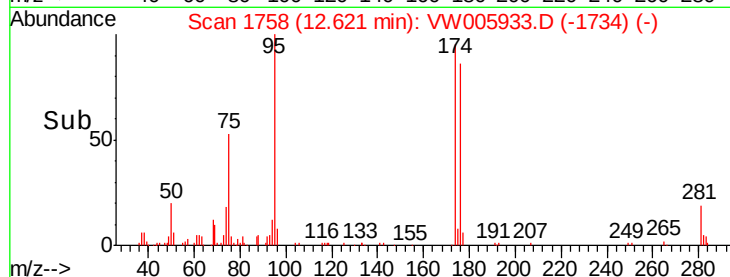
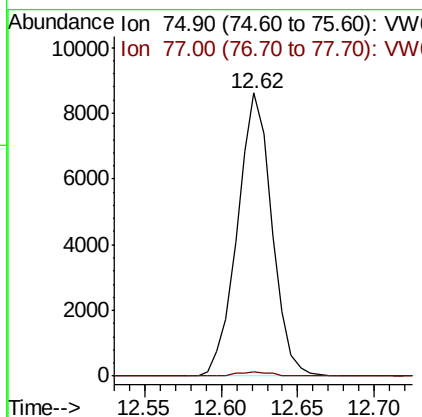
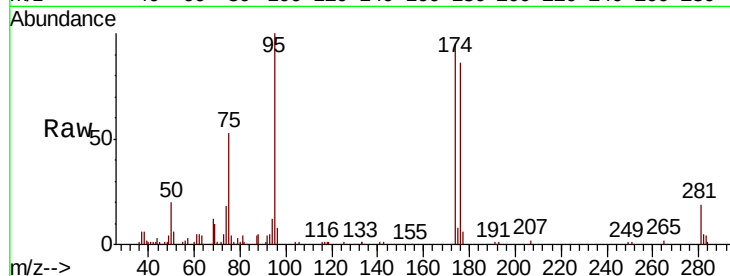




#76
 1,2,3-Trichloropropane
 Concen: 39.908 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005933.D
 Acq: 09 Oct 2018 09:38

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 13444
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.251 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW005933.D
 Acq: 09 Oct 2018 09:38

Tgt Ion: 75 Resp: 13444
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.5 114.7#
 89 0.2 37.6 56.4#

