

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
 Data File : VW005498.D
 Acq On : 18 Sep 2018 23:26
 Operator : SY/AP
 Sample : J4959-01RE
 Misc : 5.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BACKFILL-SW2RE

Quant Time: Sep 19 06:02:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	258401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	414675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	398217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	196269	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	124156	46.29	ug/l	0.00
Spiked Amount			Recovery	=	92.58%	
35) Dibromofluoromethane	7.90	113	96859	41.66	ug/l	0.00
Spiked Amount			Recovery	=	83.32%	
50) Toluene-d8	10.33	98	376506	35.36	ug/l	0.00
Spiked Amount			Recovery	=	70.72%	
62) 4-Bromofluorobenzene	12.63	95	161206	41.29	ug/l	0.00
Spiked Amount			Recovery	=	82.58%	

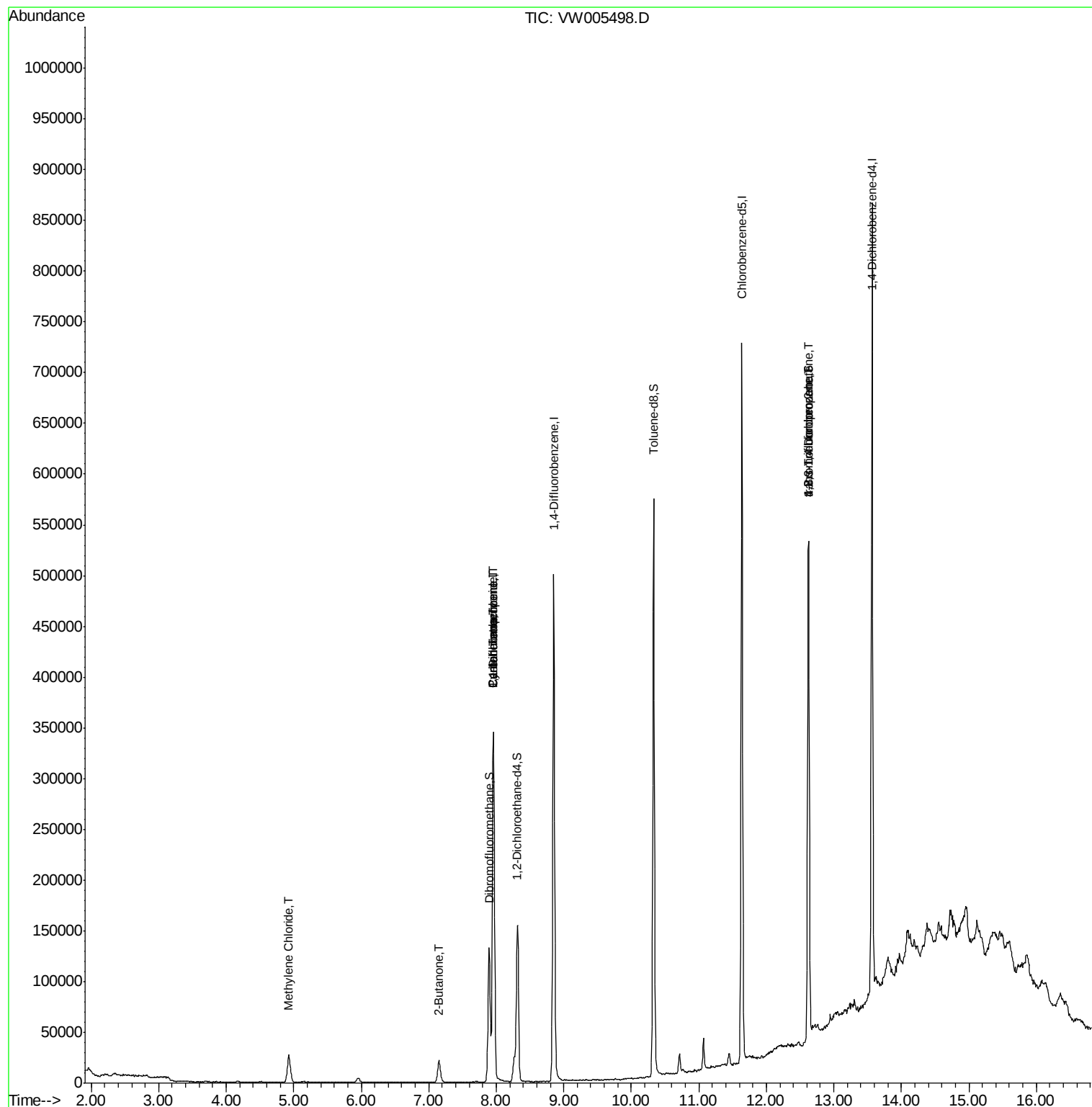
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	238	Below Cal	#	42
5) Bromomethane	2.78	94	245	Below Cal	#	57
11) Tert butyl alcohol	5.23	59	332	Below Cal	#	71
13) Acrolein	3.67	56	45	Below Cal	#	12
16) Acetone	4.15	43	1002	Below Cal	#	80
20) Methylene Chloride	4.92	84	18839	1.513	ug/l	93
25) 2-Butanone	7.15	43	1368	2.120	ug/l #	79
31) Cyclohexane	7.96	56	5921	1.383	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	20952	5.339	ug/l #	50
38) Carbon Tetrachloride	7.96	117	24714	6.043	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	82258	50.957	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	82258	132.185	ug/l #	8

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
Data File : VW005498.D
Acq On : 18 Sep 2018 23:26
Operator : SY/AP
Sample : J4959-01RE
Misc : 5.05G/5ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BACKFILL-SW2RE

Quant Time: Sep 19 06:02:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005498.D

Acq: 18 Sep 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

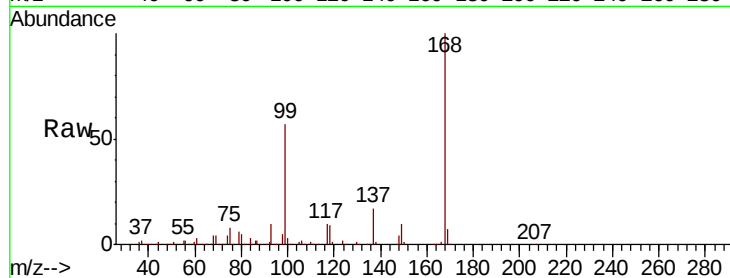
BACKFILL-SW2RE

Tgt Ion:168 Resp: 258401

Ion Ratio Lower Upper

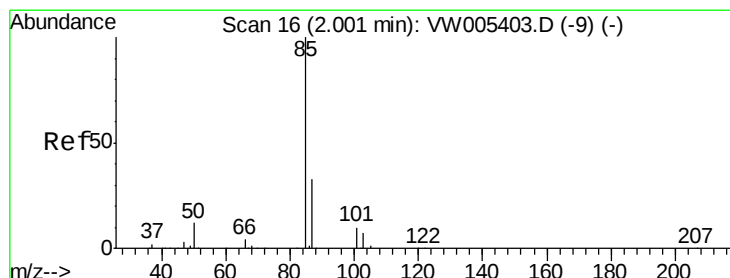
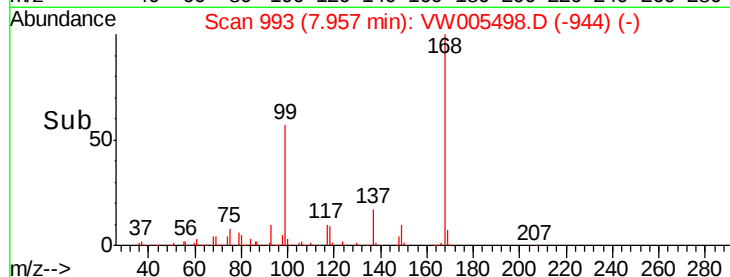
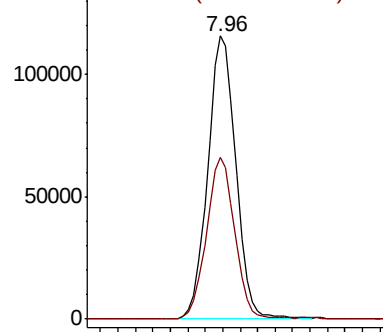
168 100

99 57.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005498.D

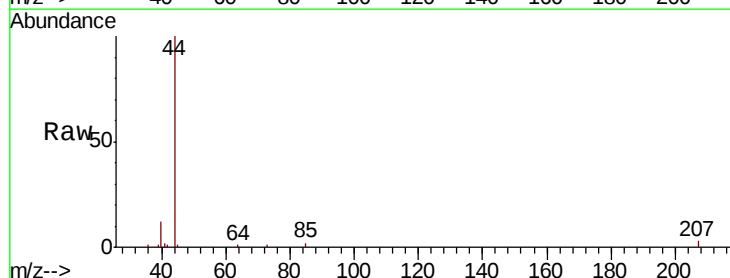
Acq: 18 Sep 2018 23:26

Tgt Ion: 85 Resp: 238

Ion Ratio Lower Upper

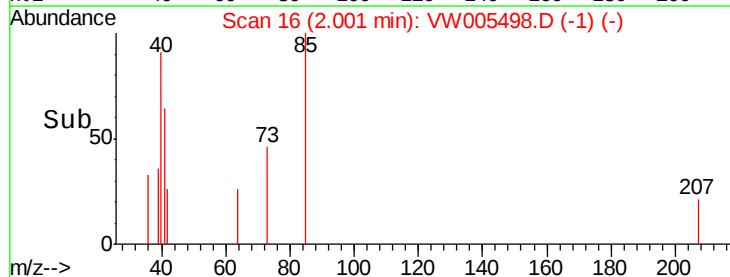
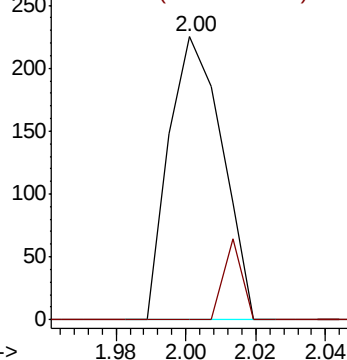
85 100

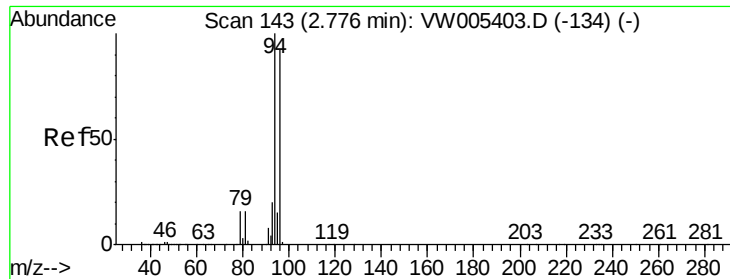
87 0.0 16.4 49.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW005498.D

Acq: 18 Sep 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

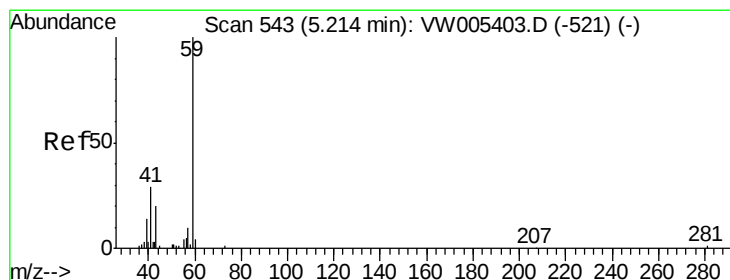
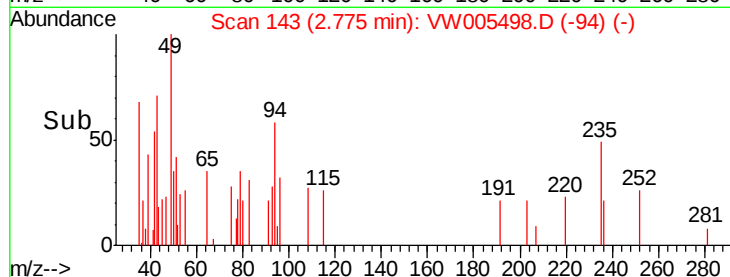
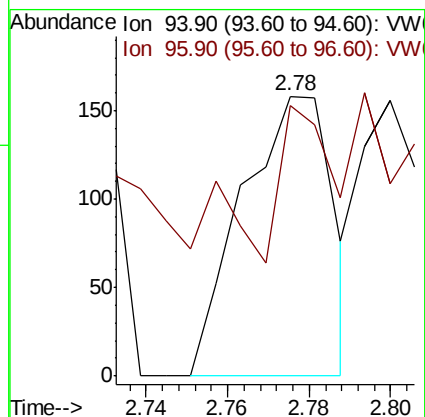
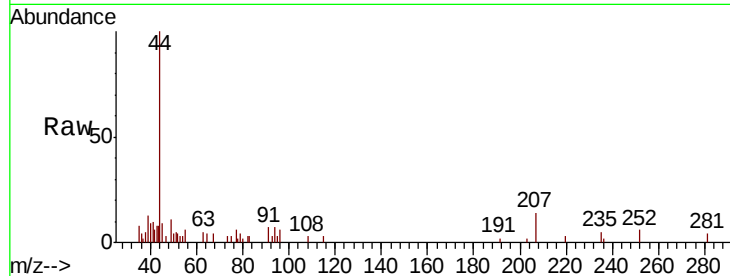
BACKFILL-SW2RE

Tgt Ion: 94 Resp: 245

Ion Ratio Lower Upper

94 100

96 51.3 73.7 110.5#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.23 min Scan# 546

Delta R.T. 0.02 min

Lab File: VW005498.D

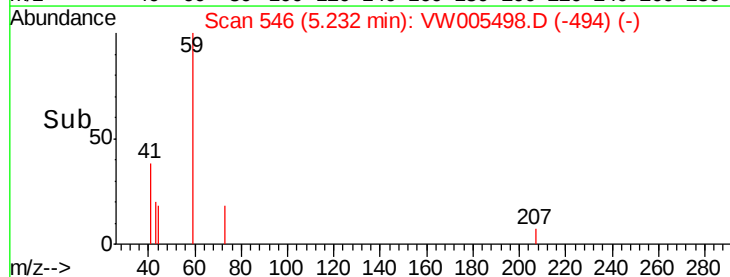
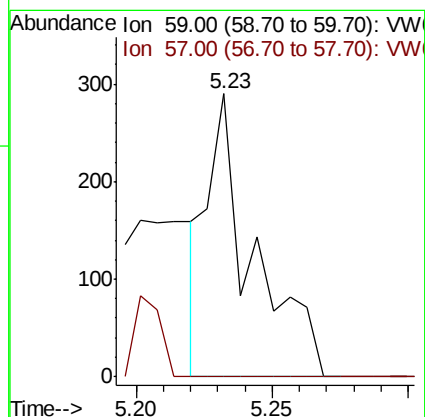
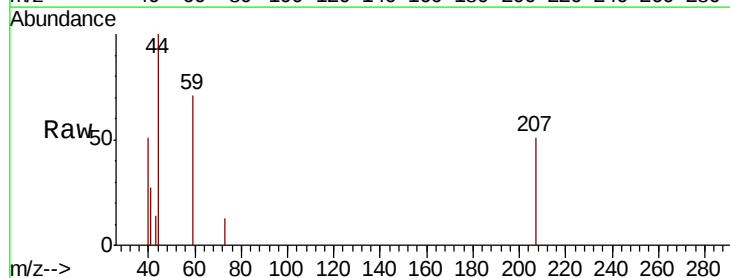
Acq: 18 Sep 2018 23:26

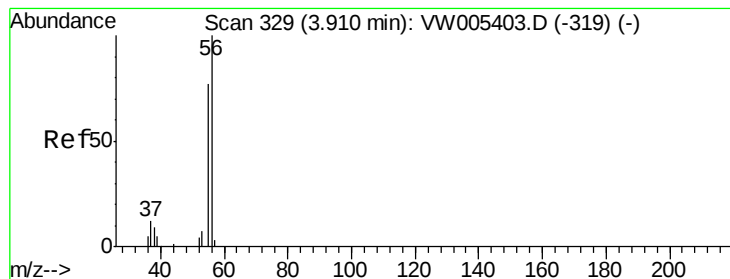
Tgt Ion: 59 Resp: 332

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#





#13

Acrolein

Concen: Below Cal

RT: 3.67 min Scan# 289

Delta R.T. -0.24 min

Lab File: VW005498.D

Acq: 18 Sep 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

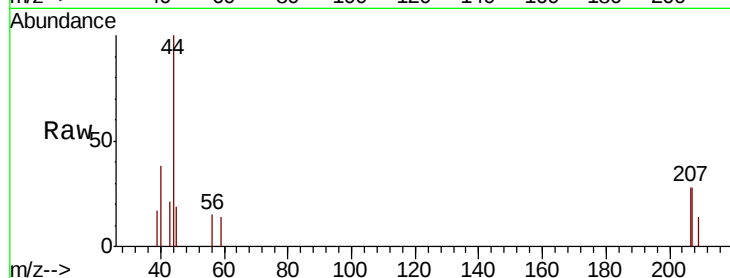
BACKFILL-SW2RE

Tgt Ion: 56 Resp: 45

Ion Ratio Lower Upper

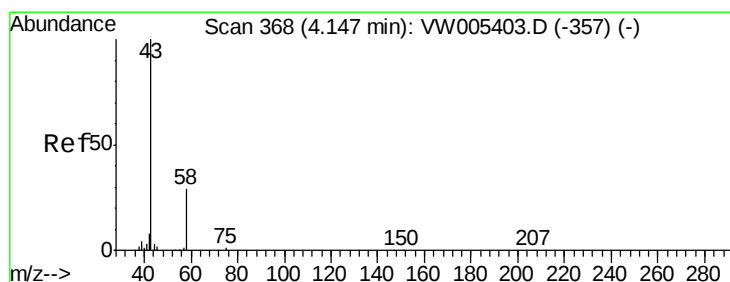
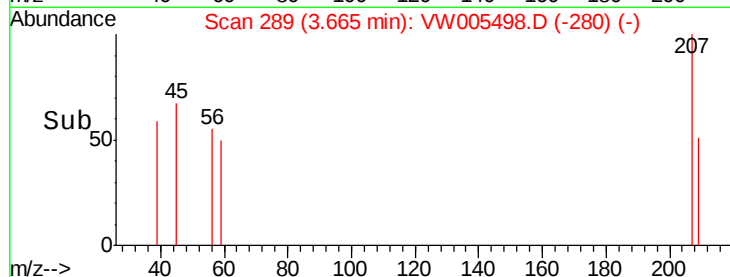
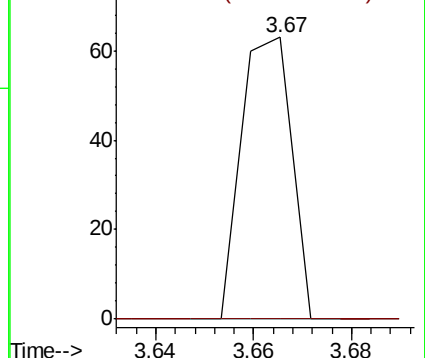
56 100

55 0.0 59.8 89.8#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW005498.D

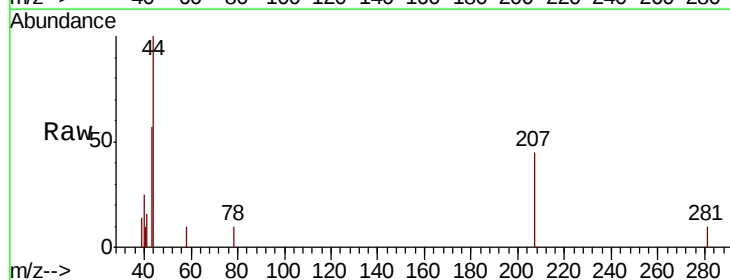
Acq: 18 Sep 2018 23:26

Tgt Ion: 43 Resp: 1002

Ion Ratio Lower Upper

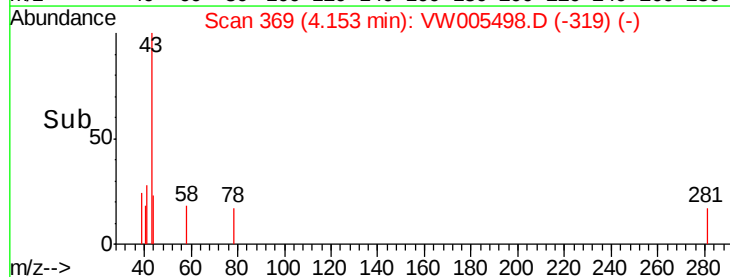
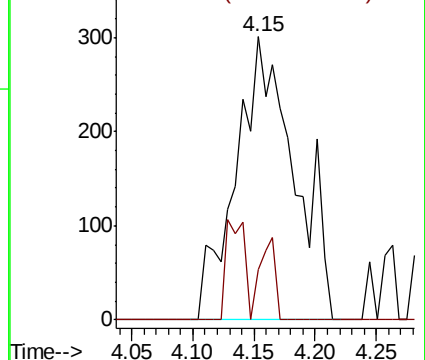
43 100

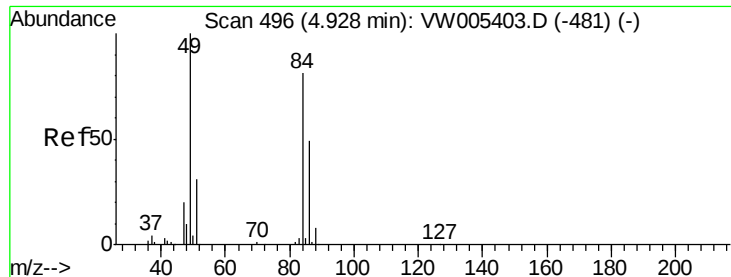
58 17.9 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

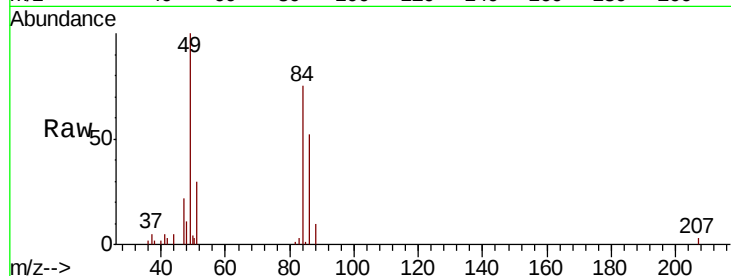




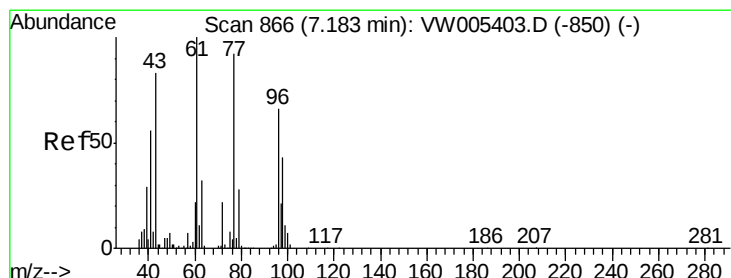
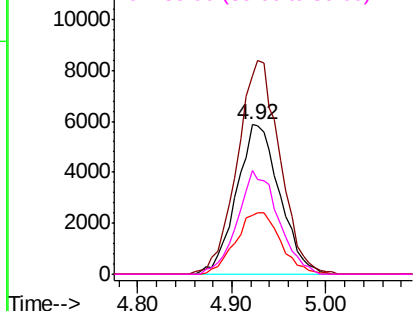
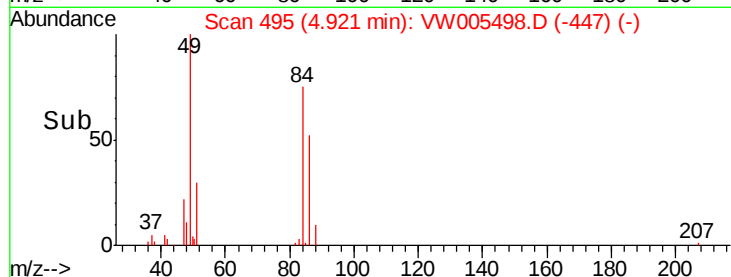
#20
Methylene Chloride
Concen: 1.513 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005498.D
Acq: 18 Sep 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
BACKFILL-SW2RE

Tgt Ion: 84 Resp: 18839
Ion Ratio Lower Upper
84 100
49 132.6 99.3 148.9
51 39.2 31.1 46.7
86 69.4 49.1 73.7

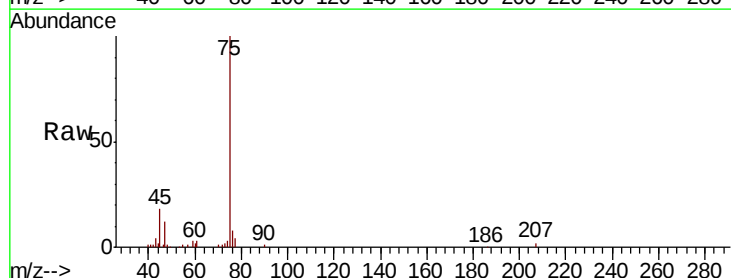


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

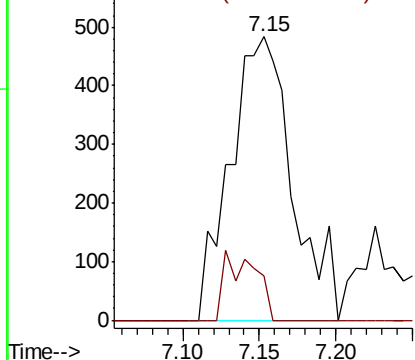
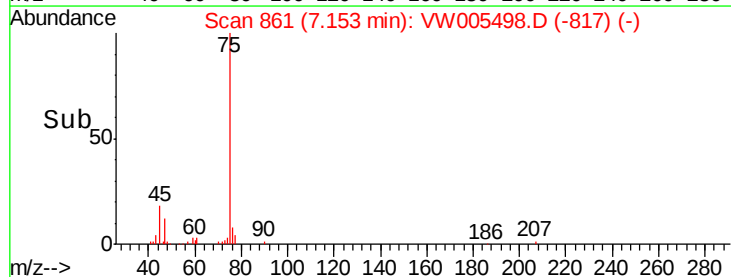


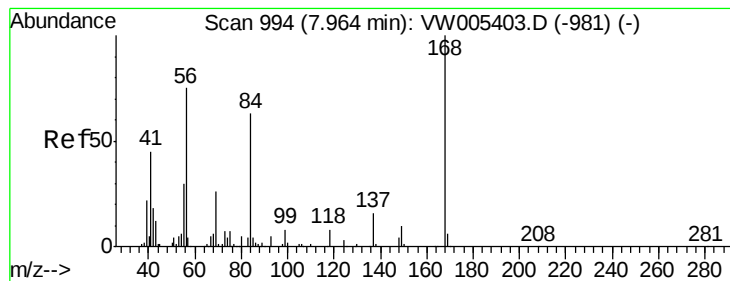
#25
2-Butanone
Concen: 2.120 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.03 min
Lab File: VW005498.D
Acq: 18 Sep 2018 23:26

Tgt Ion: 43 Resp: 1368
Ion Ratio Lower Upper
43 100
72 15.7 21.1 31.7#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.383 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.01 min

Lab File: VW005498.D

Acq: 18 Sep 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

BACKFILL-SW2RE

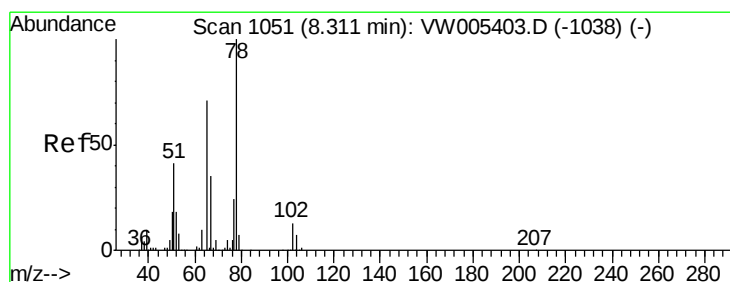
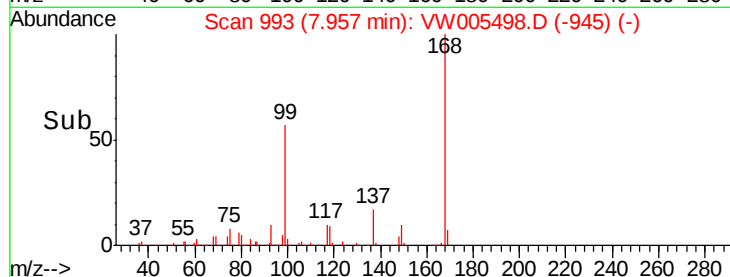
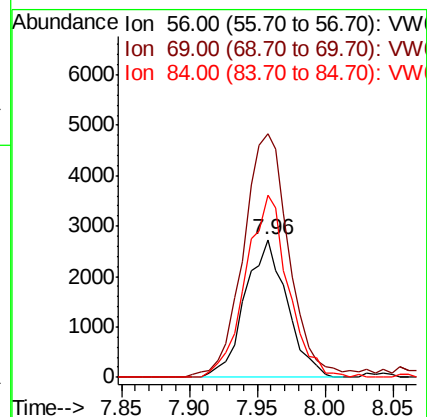
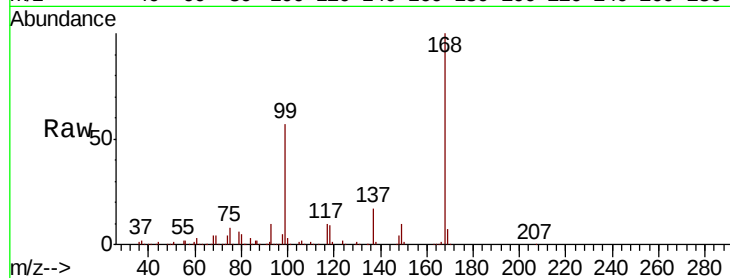
Tgt Ion: 56 Resp: 5921

Ion Ratio Lower Upper

56 100

69 174.9 27.2 40.8#

84 140.0 66.7 100.1#



#33

1,2-Dichloroethane-d4

Concen: 46.289 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VW005498.D

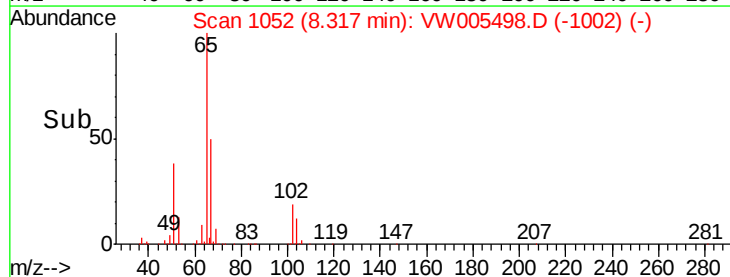
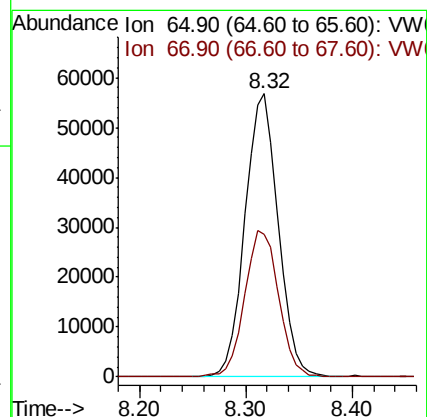
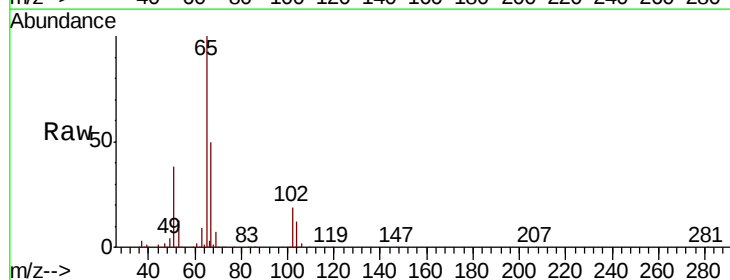
Acq: 18 Sep 2018 23:26

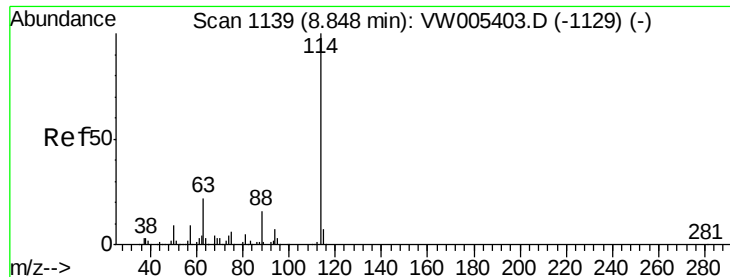
Tgt Ion: 65 Resp: 124156

Ion Ratio Lower Upper

65 100

67 53.2 0.0 100.6

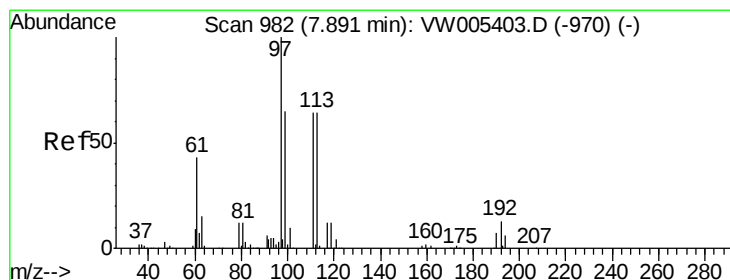
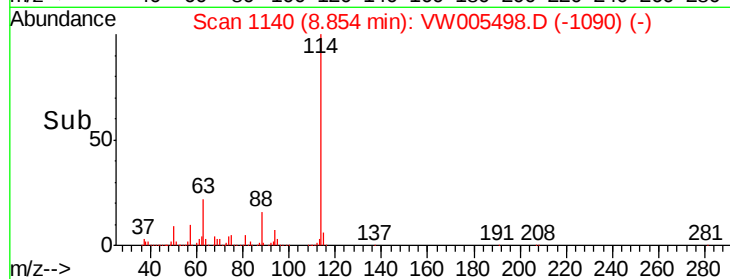
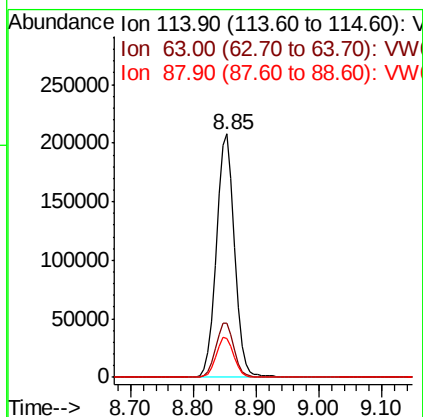
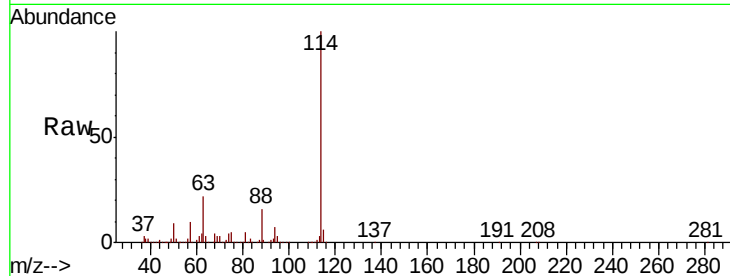




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005498.D
 Acq: 18 Sep 2018 23:26

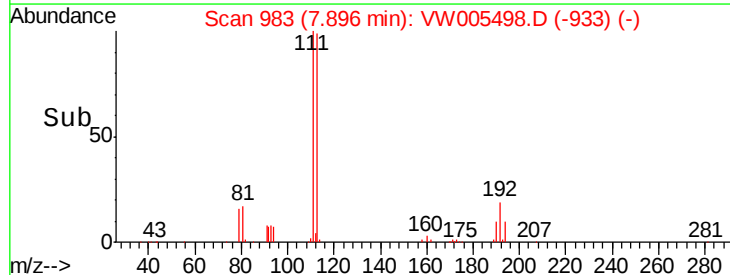
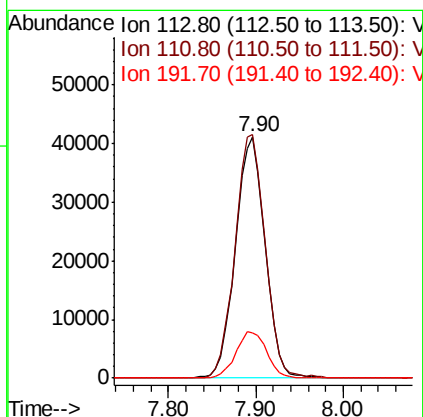
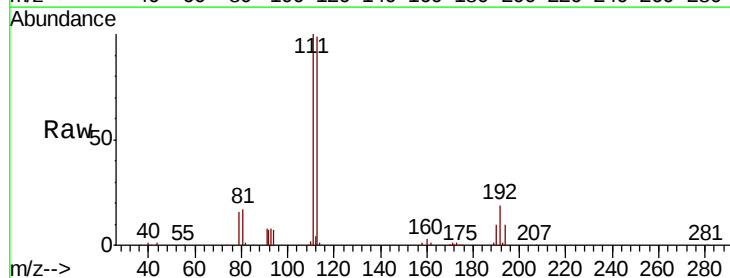
Instrument :
 MSVOA_W
 ClientSampleId :
 BACKFILL-SW2RE

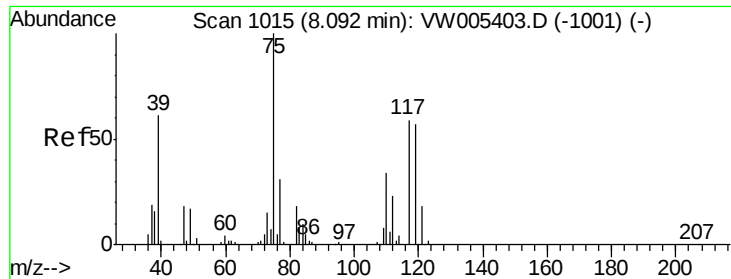
Tgt Ion:114 Resp: 414675
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.4
 88 16.1 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 41.659 ug/l
 RT: 7.90 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VW005498.D
 Acq: 18 Sep 2018 23:26

Tgt Ion:113 Resp: 96859
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.3 123.5
 192 19.9 16.5 24.7

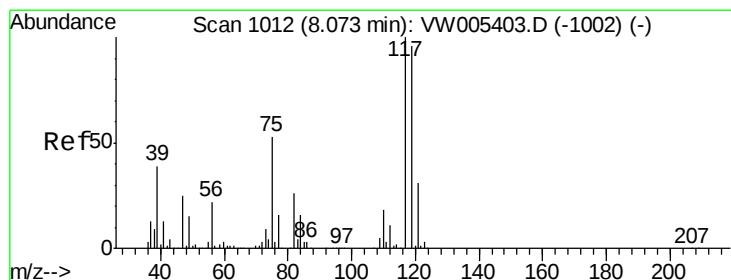
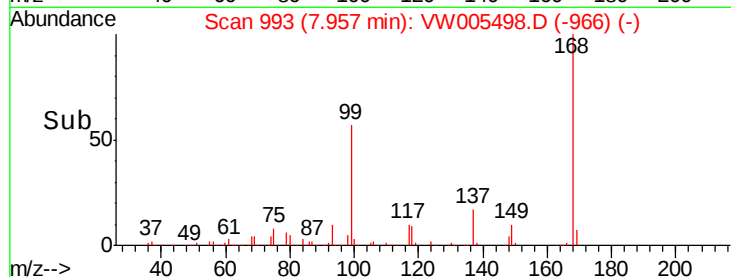
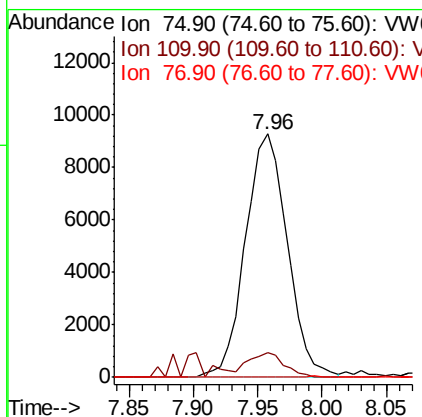
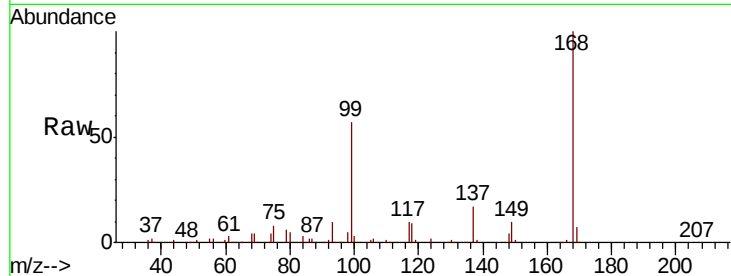




#36
 1,1-Dichloropropene
 Concen: 5.339 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005498.D
 Acq: 18 Sep 2018 23:26

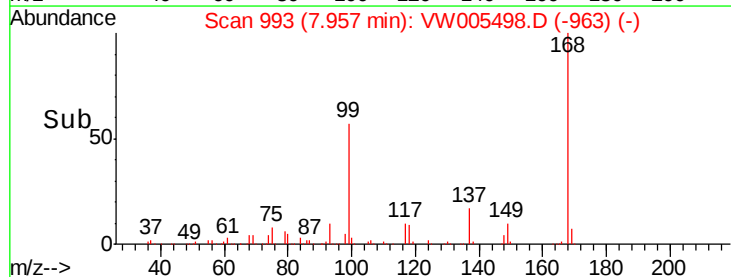
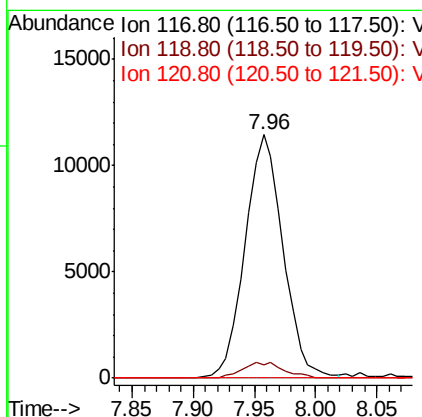
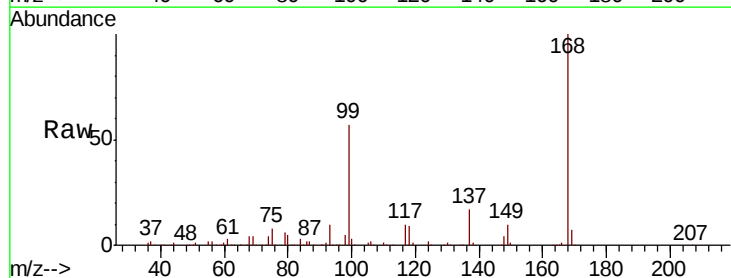
Instrument :
 MSVOA_W
 ClientSampleId :
 BACKFILL-SW2RE

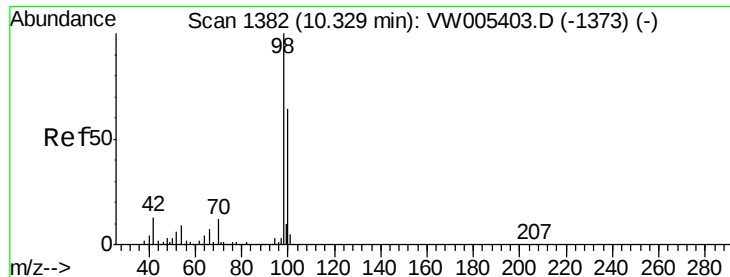
Tgt Ion: 75 Resp: 20952
 Ion Ratio Lower Upper
 75 100
 110 8.5 16.8 50.4#
 77 0.0 24.2 36.4#



#38
 Carbon Tetrachloride
 Concen: 6.043 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VW005498.D
 Acq: 18 Sep 2018 23:26

Tgt Ion: 117 Resp: 24714
 Ion Ratio Lower Upper
 117 100
 119 5.3 76.8 115.2#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 35.361 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005498.D

Acq: 18 Sep 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

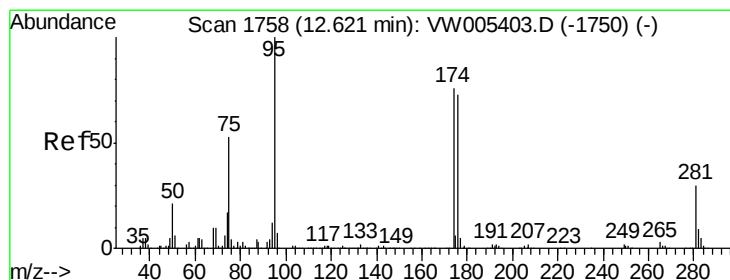
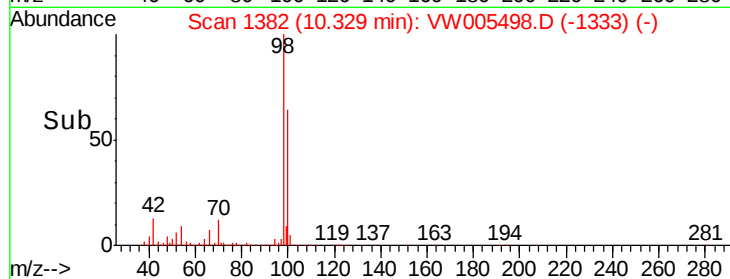
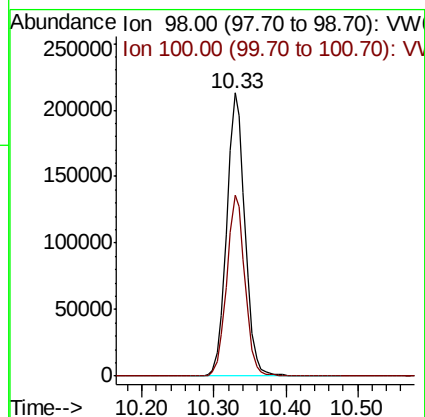
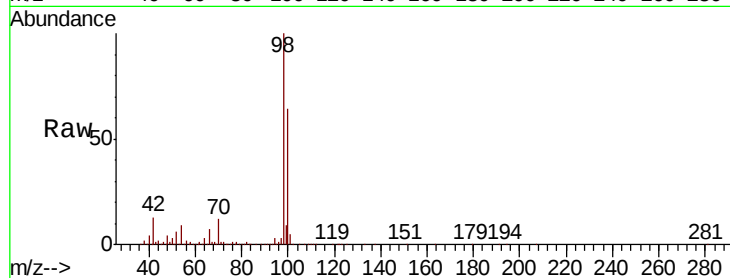
BACKFILL-SW2RE

Tgt Ion: 98 Resp: 376506

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 41.291 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005498.D

Acq: 18 Sep 2018 23:26

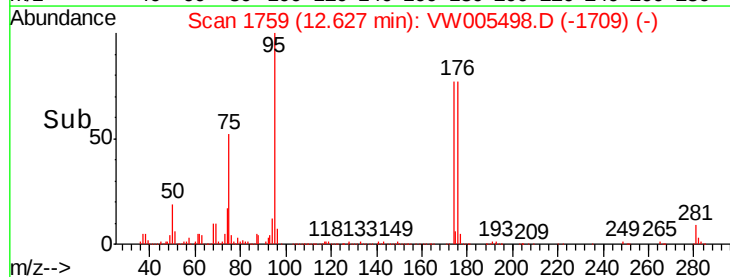
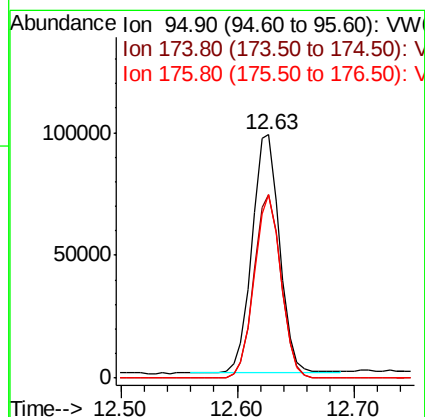
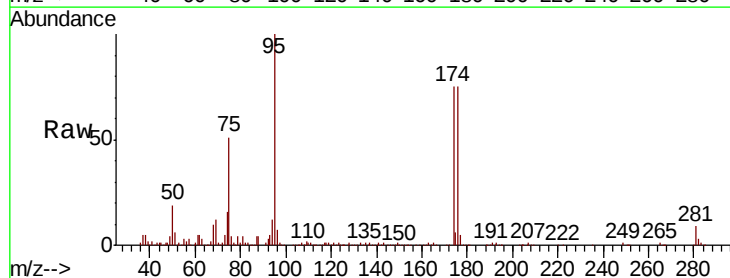
Tgt Ion: 95 Resp: 161206

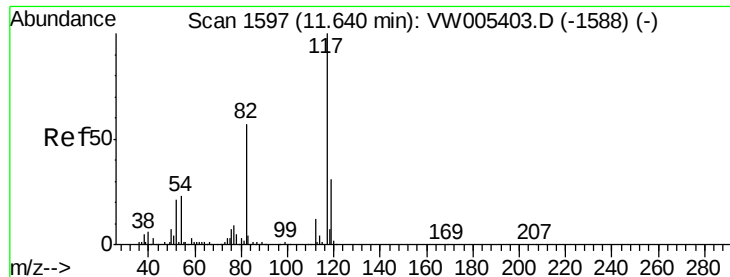
Ion Ratio Lower Upper

95 100

174 75.6 0.0 161.2

176 74.2 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VW005498.D

Acq: 18 Sep 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

BACKFILL-SW2RE

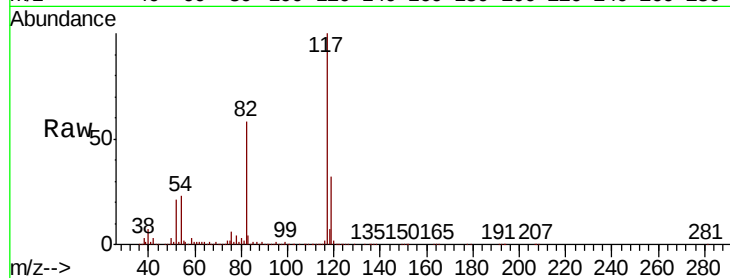
Tgt Ion:117 Resp: 398217

Ion Ratio Lower Upper

117 100

82 57.4 45.9 68.9

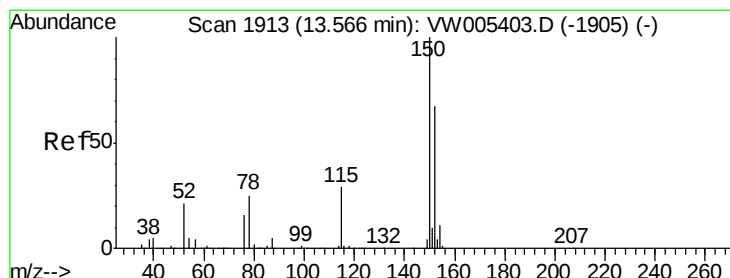
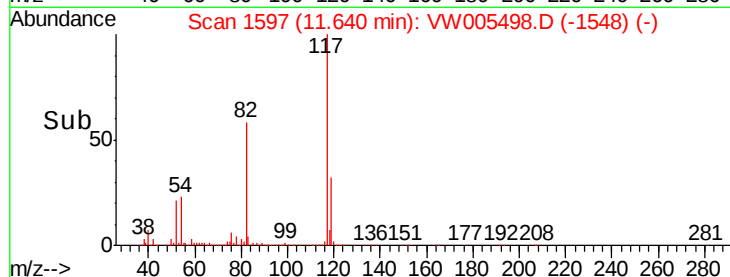
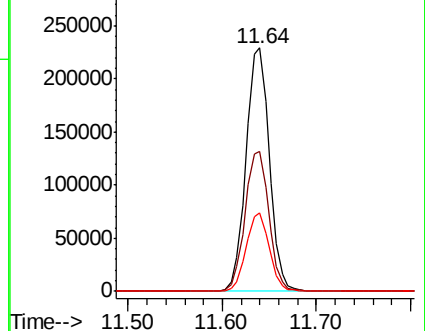
119 32.4 24.8 37.2



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. -0.00 min

Lab File: VW005498.D

Acq: 18 Sep 2018 23:26

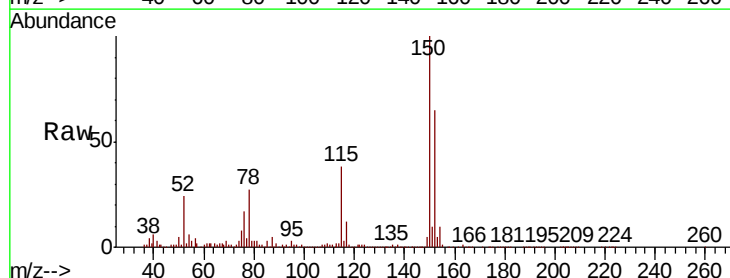
Tgt Ion:152 Resp: 196269

Ion Ratio Lower Upper

152 100

115 59.1 29.5 88.5

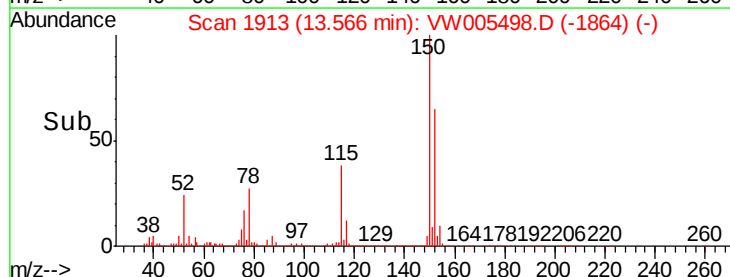
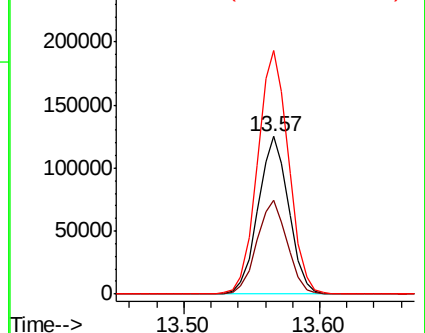
150 156.8 0.0 345.6

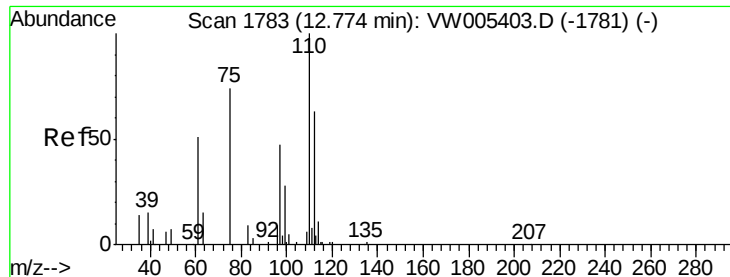


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

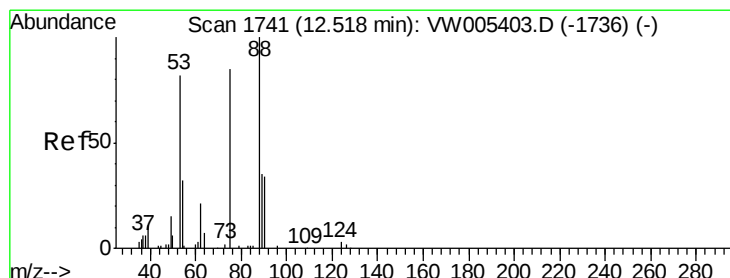
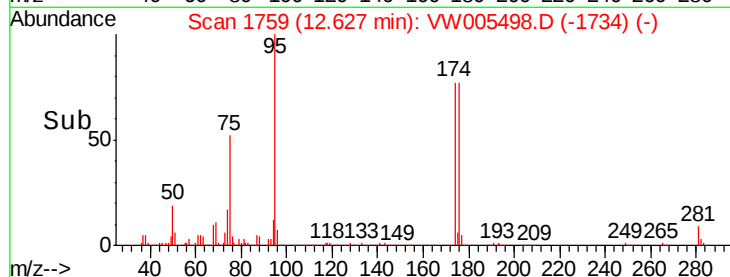
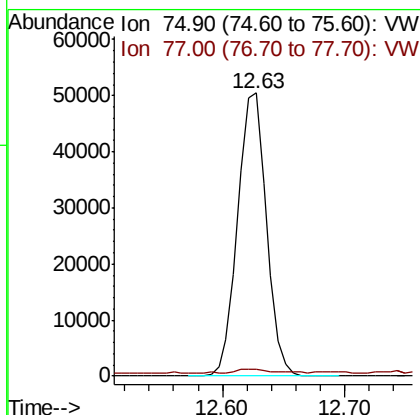
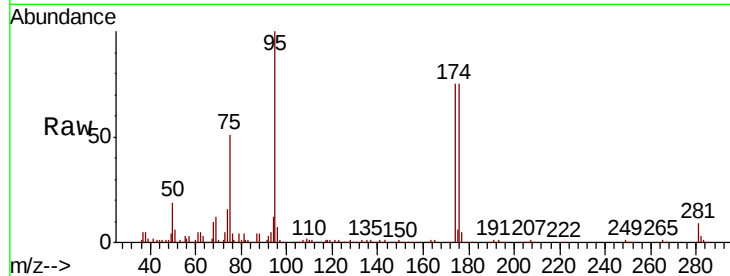




#76
 1,2,3-Trichloropropane
 Concen: 50.957 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.15 min
 Lab File: VW005498.D
 Acq: 18 Sep 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 BACKFILL-SW2RE

Tgt Ion: 75 Resp: 82258
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.185 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.11 min
 Lab File: VW005498.D
 Acq: 18 Sep 2018 23:26

Tgt Ion: 75 Resp: 82258
 Ion Ratio Lower Upper
 75 100
 53 0.1 83.2 124.8#
 89 0.0 36.6 54.8#

