

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005168.D
 Acq On : 06 Sep 2018 17:08
 Operator : SY/AP
 Sample : J4781-01
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BS-STONES

Quant Time: Sep 06 18:23:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	456472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	755571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	707118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	265904	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	284550	75.20	ug/l	0.00
Spiked Amount			Recovery	=	150.40%	
35) Dibromofluoromethane	7.89	113	260973	59.77	ug/l	0.00
Spiked Amount			Recovery	=	119.54%	
50) Toluene-d8	10.33	98	1046303	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.63	95	332993	46.94	ug/l	0.00
Spiked Amount			Recovery	=	93.88%	

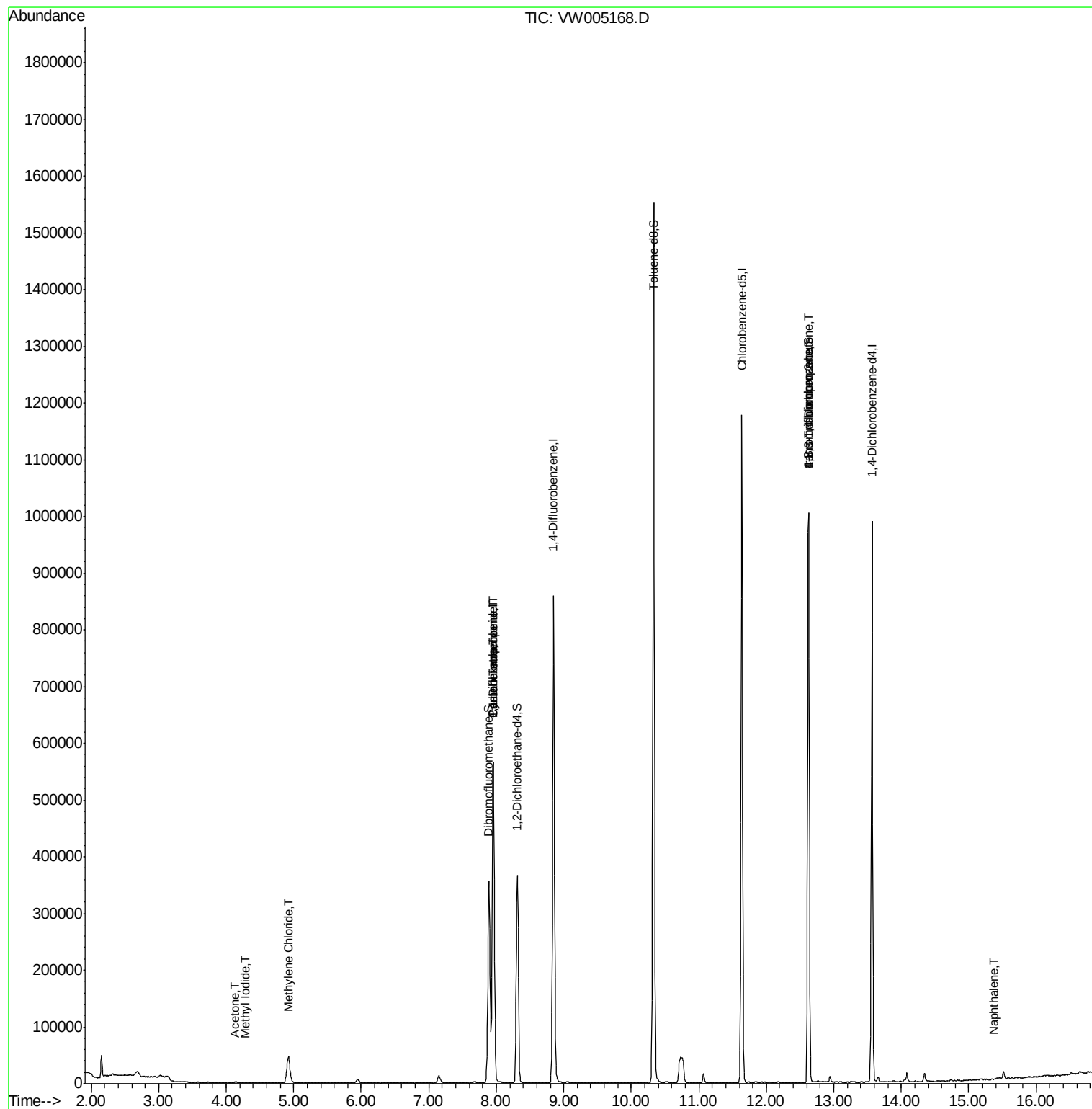
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	465	Below Cal	#	39
10) Methyl Iodide	4.28	142	28	3.823	ug/l #	44
11) Tert butyl alcohol	5.18	59	46	Below Cal	#	72
16) Acetone	4.13	43	2829	3.728	ug/l	90
20) Methylene Chloride	4.92	84	40084	4.258	ug/l	98
31) Cyclohexane	7.95	56	8019	1.079	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	32195	4.474	ug/l #	47
38) Carbon Tetrachloride	7.96	117	40117	5.863	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	155237	77.777	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	155237	187.200	ug/l #	15
95) Naphthalene	15.38	128	996	4.075	ug/l #	86

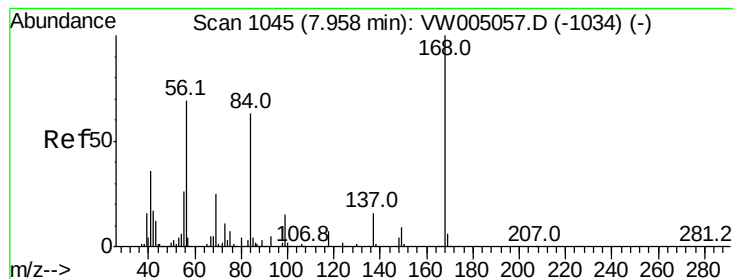
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 06 18:23:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 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: VW005168.D

Acq: 06 Sep 2018 17:08

Instrument :

MSVOA_W

ClientSampled :

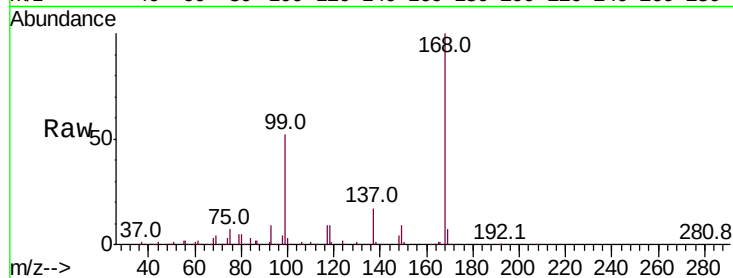
BS-STONES

Tot Ion:168 Resp: 456472

Ion Ratio Lower Upper

168 100

99 52.0 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

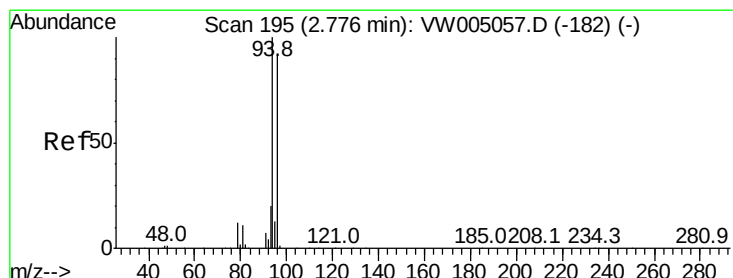
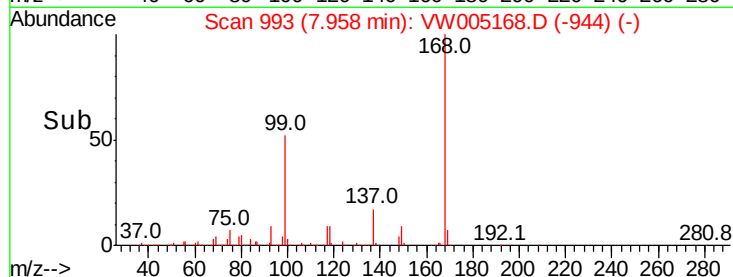
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW005168.D

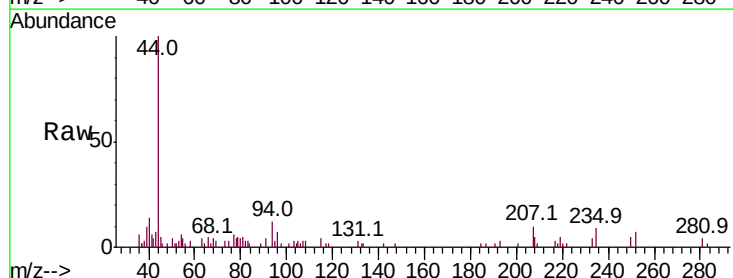
Acq: 06 Sep 2018 17:08

Tgt Ion: 94 Resp: 465

Ion Ratio Lower Upper

94 100

96 33.4 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

400

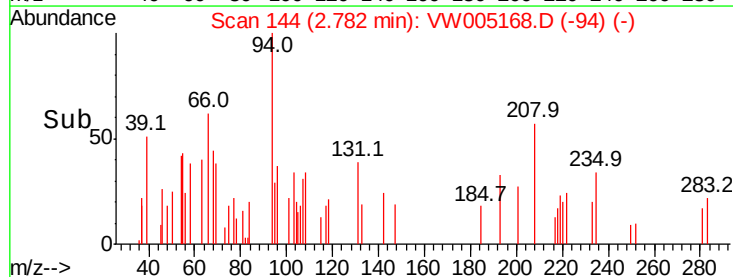
300

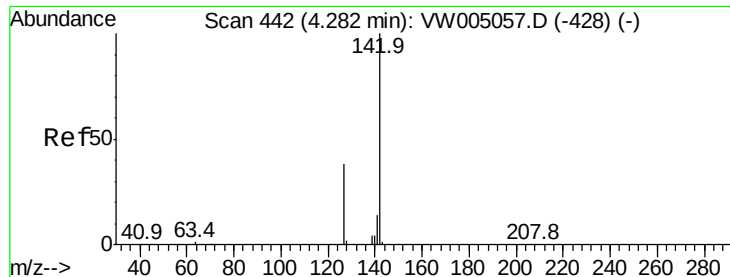
200

100

0

Time--> 2.75 2.80

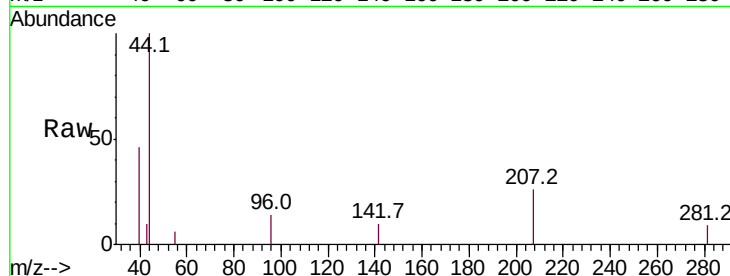




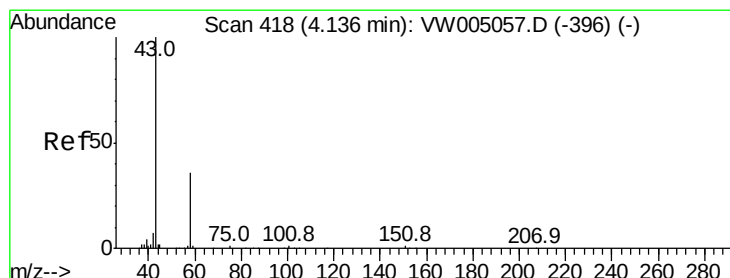
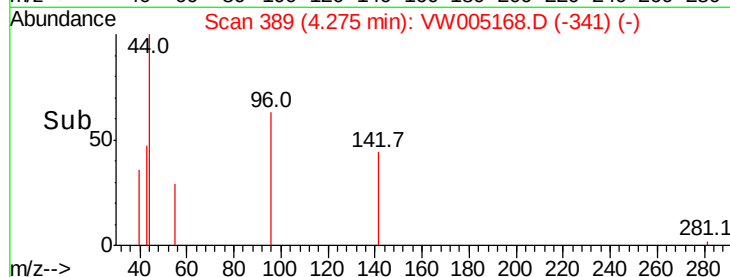
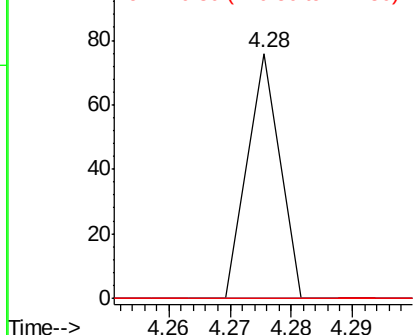
#10
Methvl Iodide
Concen: 3.823 ug/l
RT: 4.28 min Scan# 389
Delta R.T. -0.01 min
Lab File: VW005168.D
Acq: 06 Sep 2018 17:08

Instrument :
MSVOA_W
ClientSampleId :
BS-STONES

Tot Ion:142 Resp: 28
Ion Ratio Lower Upper
142 100
127 0.0 30.8 46.2#
141 0.0 11.6 17.4#

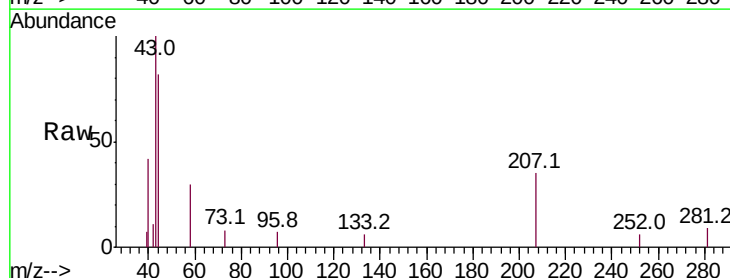


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

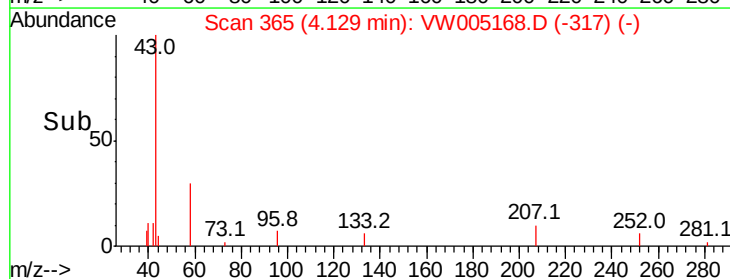
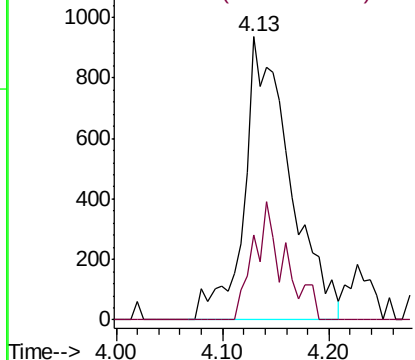


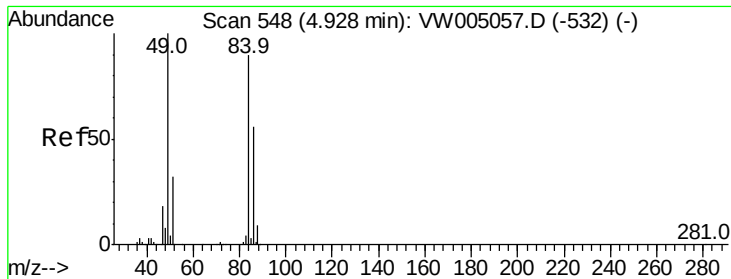
#16
Acetone
Concen: 3.728 ug/l
RT: 4.13 min Scan# 365
Delta R.T. -0.01 min
Lab File: VW005168.D
Acq: 06 Sep 2018 17:08

Tgt Ion: 43 Resp: 2829
Ion Ratio Lower Upper
43 100
58 30.2 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

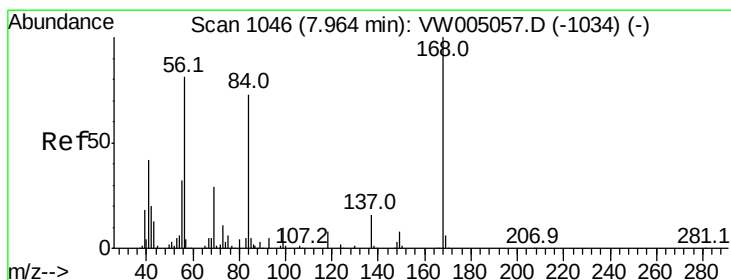
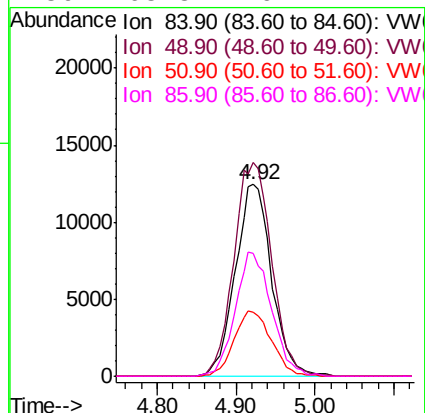
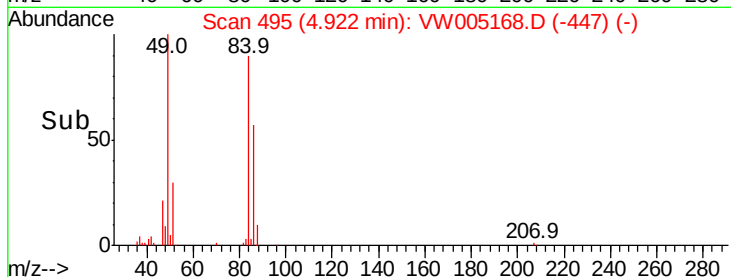
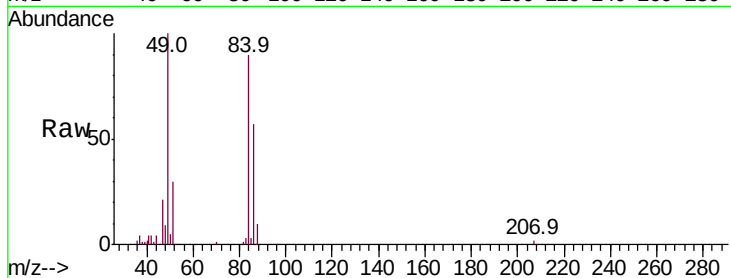




#20
Methvlene Chloride
Concen: 4.258 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005168.D
Acq: 06 Sep 2018 17:08

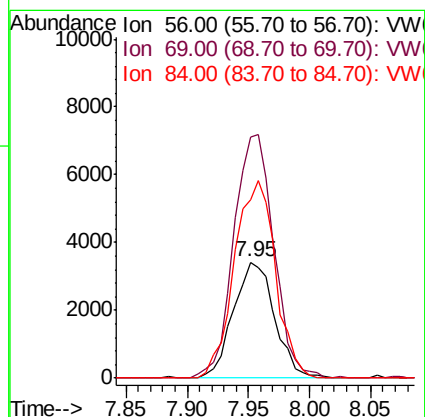
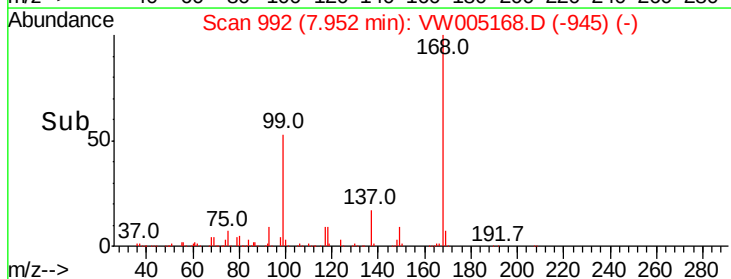
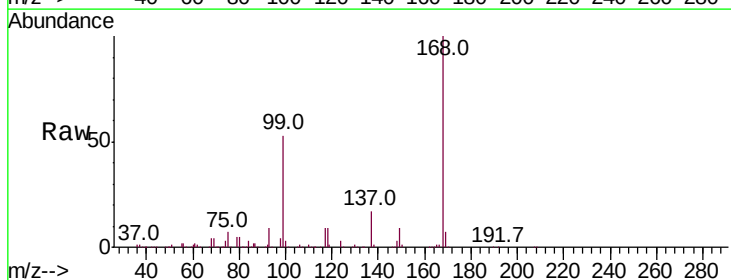
Instrument :
MSVOA_W
ClientSampled :
BS-STONES

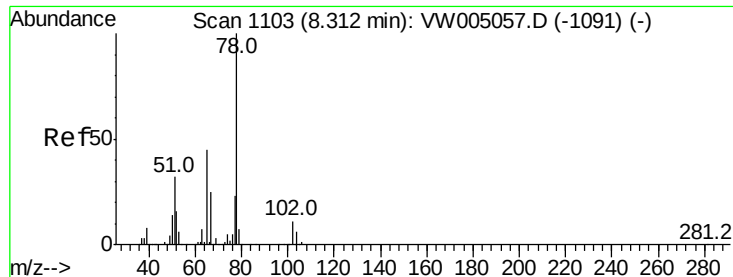
Tot Ion:	84	Resp:	40084
Ion	Ratio	Lower	Upper
84	100		
49	111.4	88.7	133.1
51	33.3	28.6	42.8
86	63.8	49.4	74.2



#31
Cyclohexane
Concen: 1.079 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005168.D
Acq: 06 Sep 2018 17:08

Tgt Ion:	56	Resp:	8019
Ion	Ratio	Lower	Upper
56	100		
69	208.2	28.2	42.2#
84	153.6	71.8	107.8#

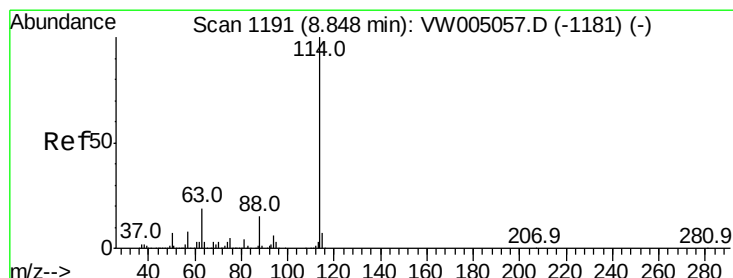
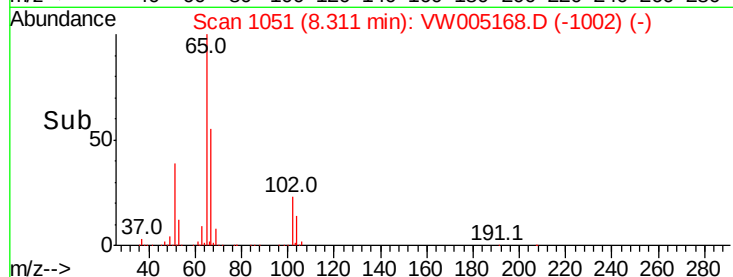
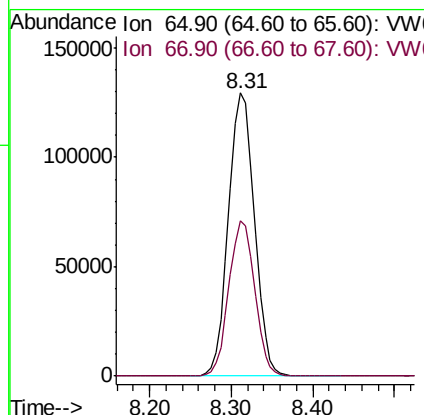
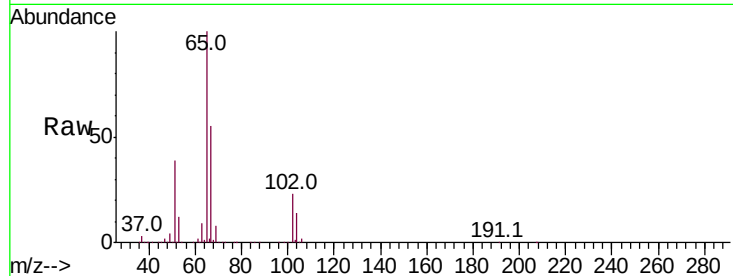




#33
 1,2-Dichloroethane-d4
 Concen: 75.199 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005168.D
 Acq: 06 Sep 2018 17:08

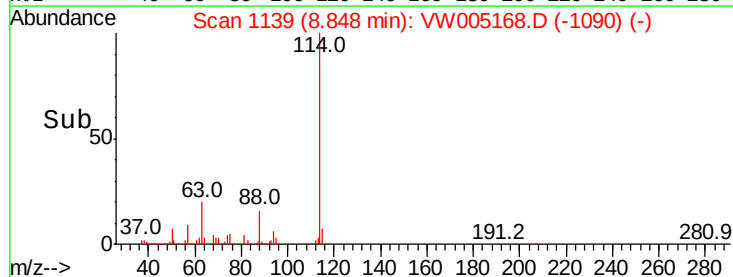
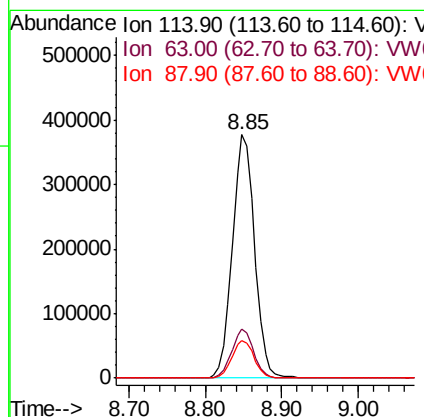
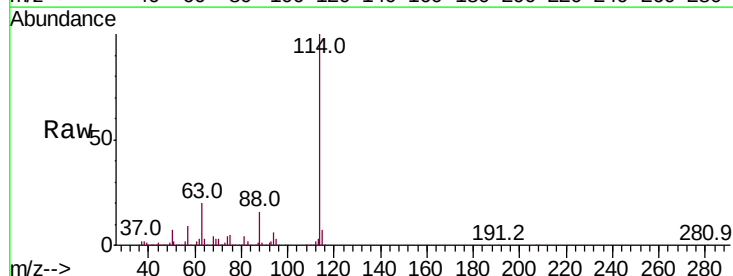
Instrument :
 MSVOA_W
 ClientSampleId :
 BS-STONES

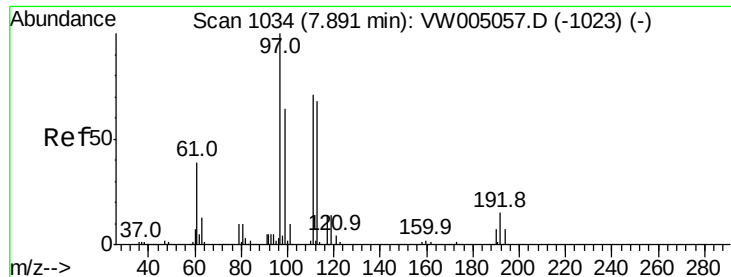
Tot Ion: 65 Resp: 284550
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005168.D
 Acq: 06 Sep 2018 17:08

Tgt Ion: 114 Resp: 755571
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.0
 88 15.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 59.769 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005168.D

Acq: 06 Sep 2018 17:08

Instrument :

MSVOA_W

ClientSampled :

BS-STONES

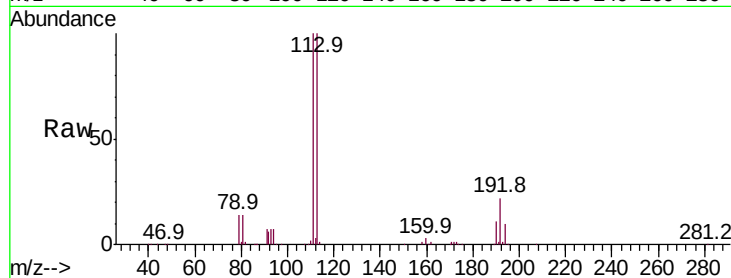
Tot Ion:113 Resp: 260973

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

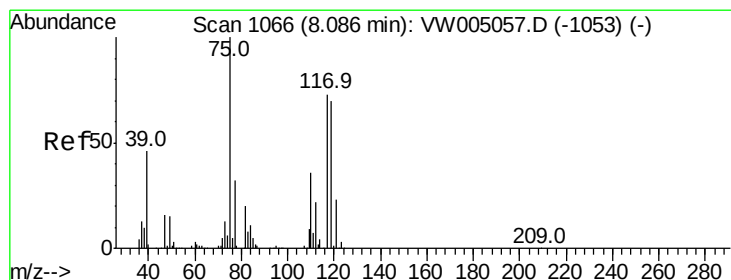
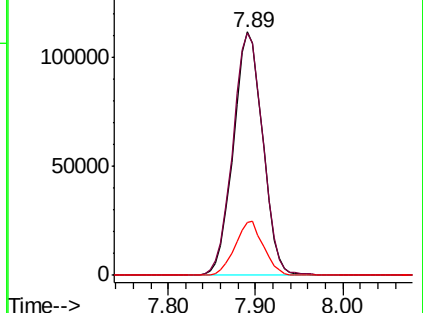
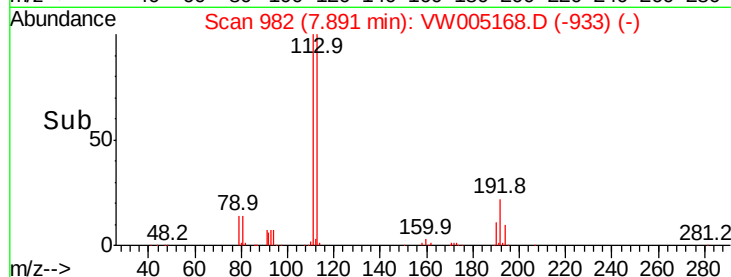
192 21.5 18.1 27.1



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: 4.474 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.13 min

Lab File: VW005168.D

Acq: 06 Sep 2018 17:08

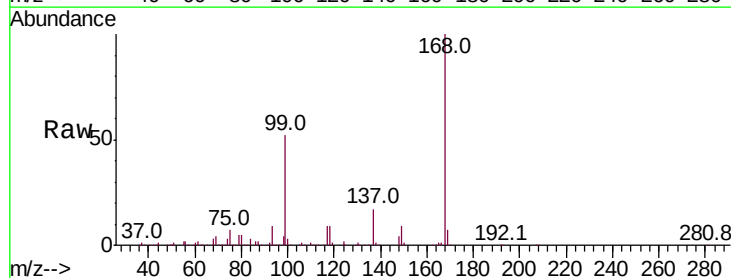
Tgt Ion: 75 Resp: 32195

Ion Ratio Lower Upper

75 100

110 7.6 18.9 56.7#

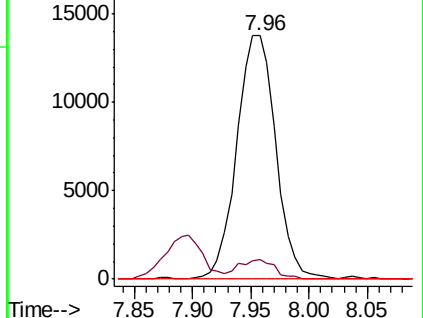
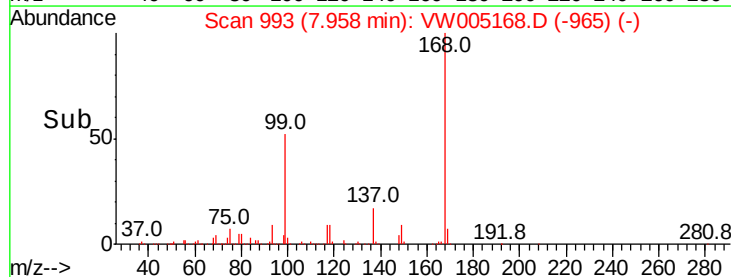
77 0.1 25.5 38.3#

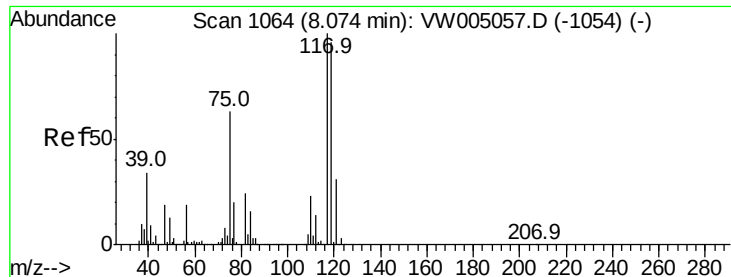


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.863 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005168.D

Acq: 06 Sep 2018 17:08

Instrument :

MSVOA_W

ClientSampleId :

BS-STONES

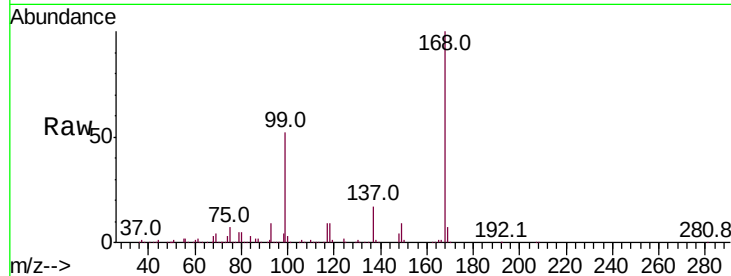
Tot Ion:117 Resp: 40117

Ion Ratio Lower Upper

117 100

119 6.4 76.6 115.0#

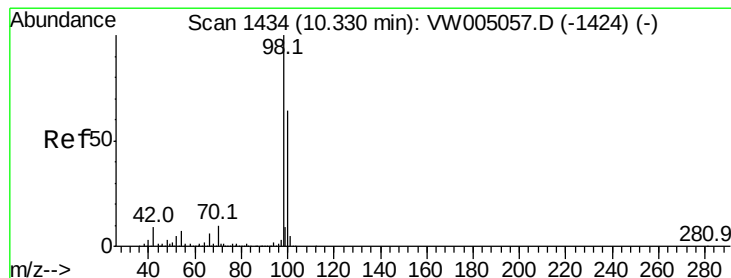
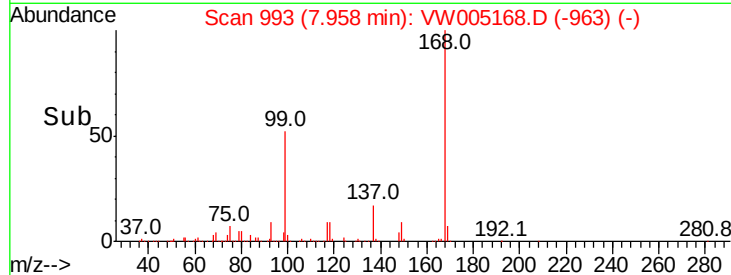
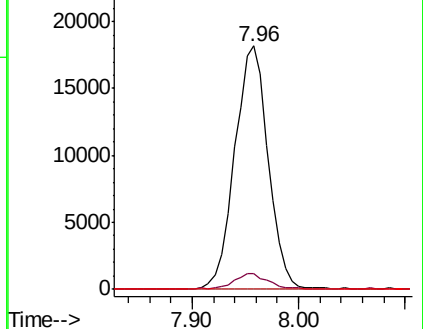
121 0.0 24.8 37.2#



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: 52.005 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005168.D

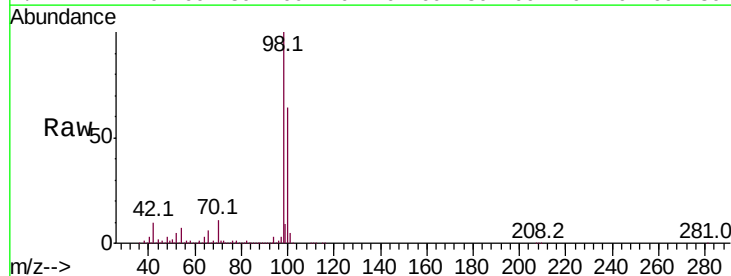
Acq: 06 Sep 2018 17:08

Tgt Ion: 98 Resp: 1046303

Ion Ratio Lower Upper

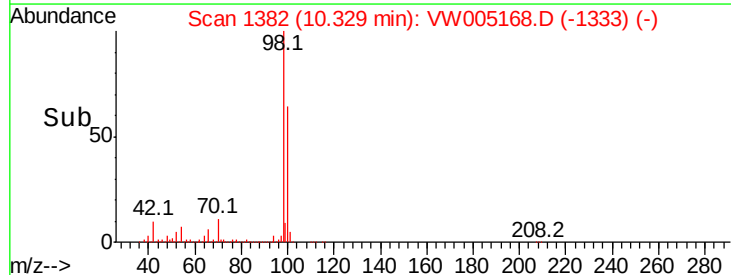
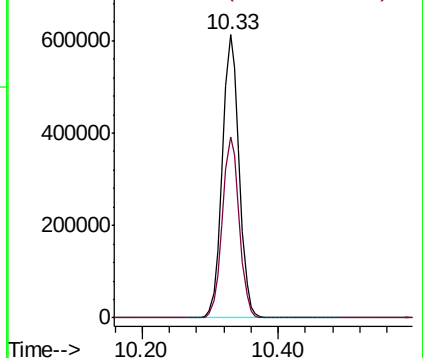
98 100

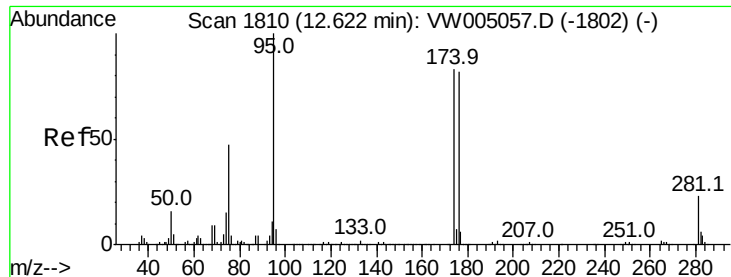
100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

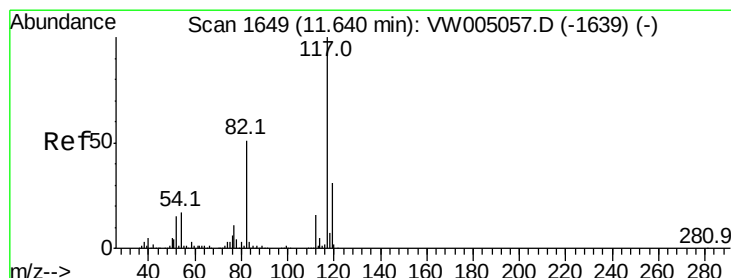
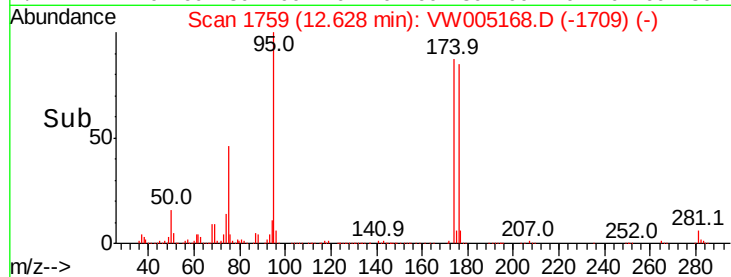
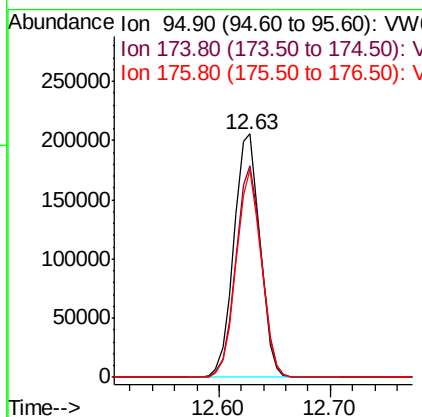
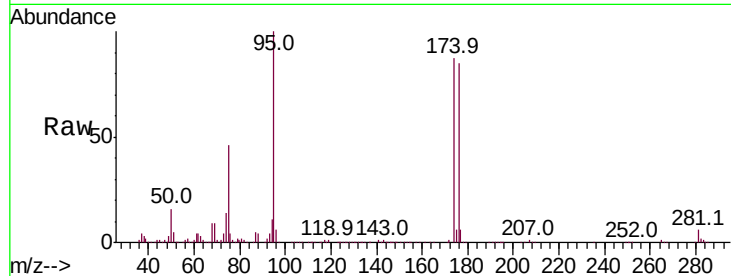




#62
4-Bromofluorobenzene
Concen: 46.938 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005168.D
Acq: 06 Sep 2018 17:08

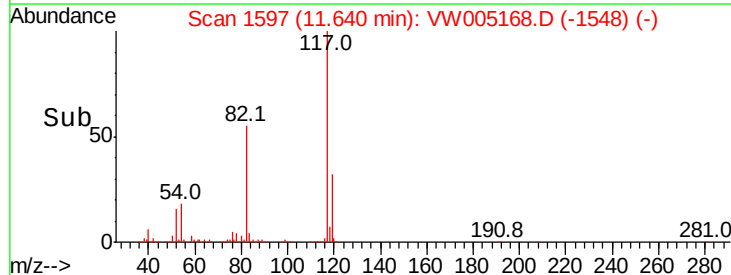
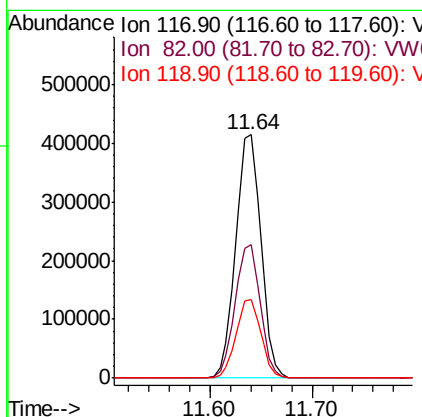
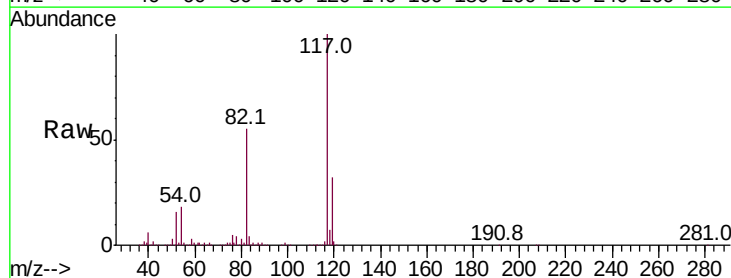
Instrument :
MSVOA_W
ClientSampled :
BS-STONES

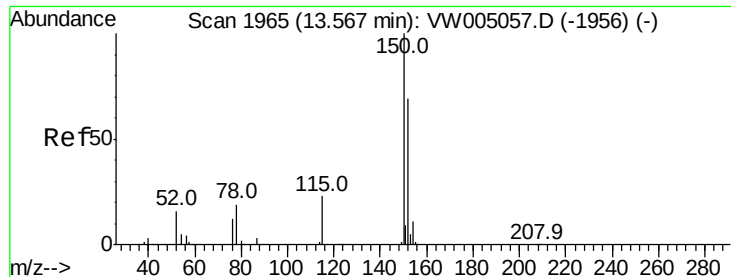
Tot Ion	Ratio	Lower	Upper
95	100		
174	85.8	0.0	173.4
176	82.2	0.0	167.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005168.D
Acq: 06 Sep 2018 17:08

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.7	40.9	61.3
119	32.2	24.9	37.3



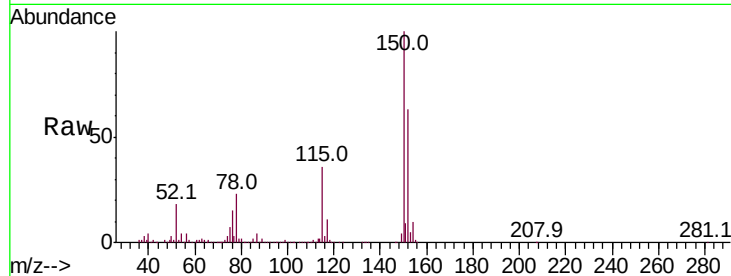


#72

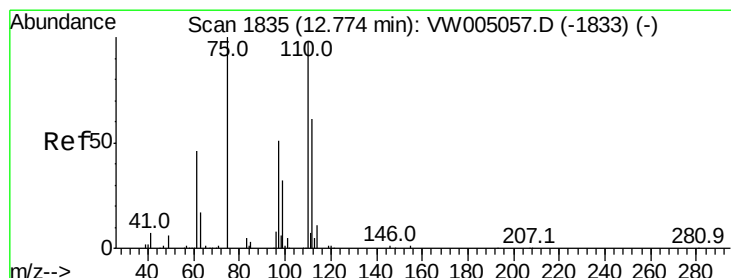
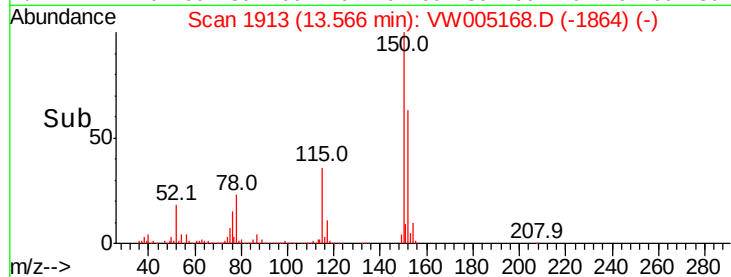
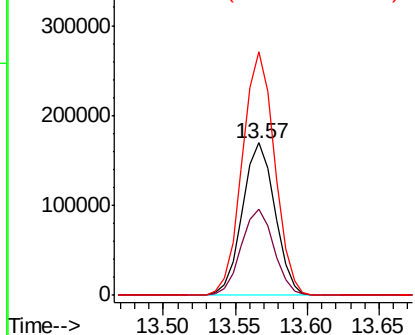
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005168.D
Acq: 06 Sep 2018 17:08

Instrument :
MSVOA_W
ClientSampled :
BS-STONES

Tot Ion:152 Resp: 265904
Ion Ratio Lower Upper
152 100
115 56.8 27.8 83.4
150 158.4 0.0 351.4



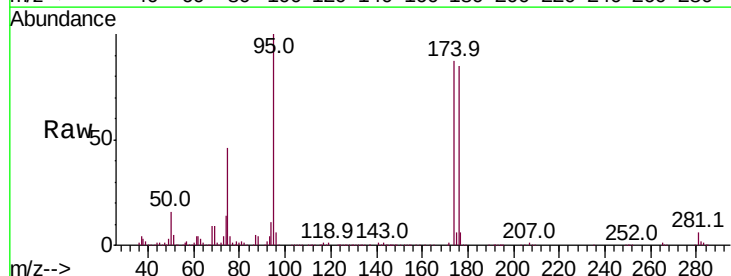
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



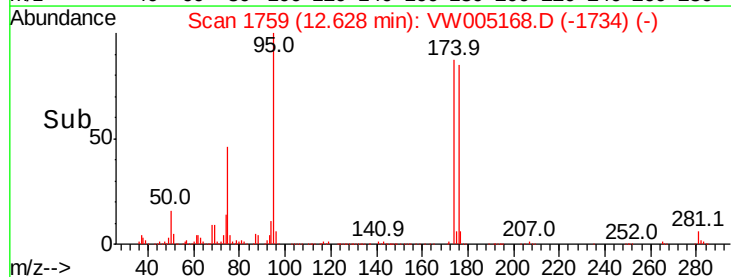
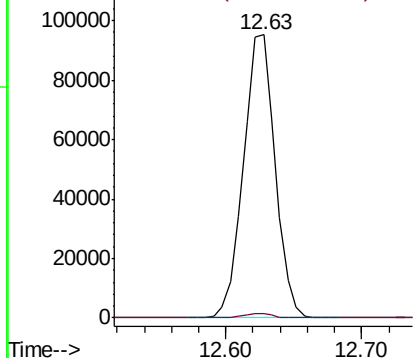
#76

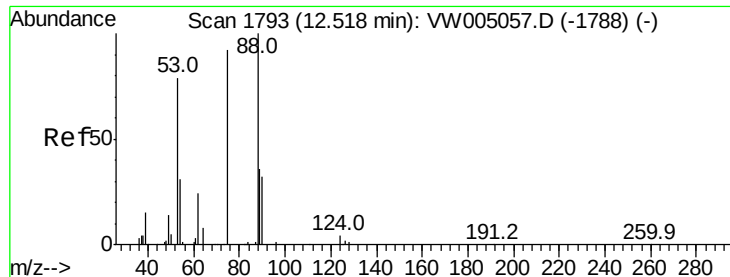
1,2,3-Trichloropropane
Concen: 77.777 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. -0.15 min
Lab File: VW005168.D
Acq: 06 Sep 2018 17:08

Tgt Ion: 75 Resp: 155237
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 187.200 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.11 min

Lab File: VW005168.D

Acq: 06 Sep 2018 17:08

Instrument :

MSVOA_W

ClientSampled :

BS-STONES

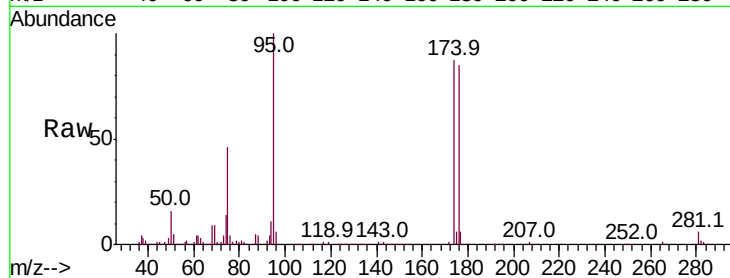
Tot Ion: 75 Resp: 155237

Ion Ratio Lower Upper

75 100

53 0.3 69.8 104.8#

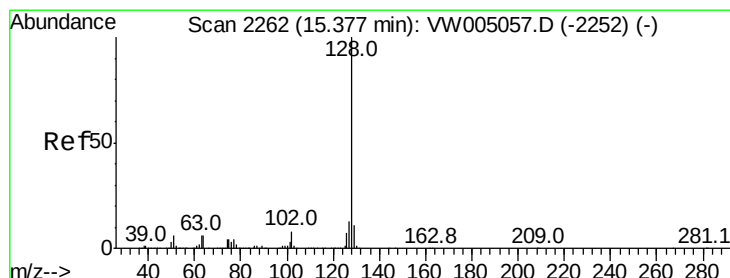
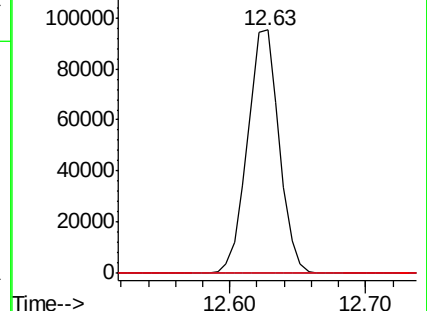
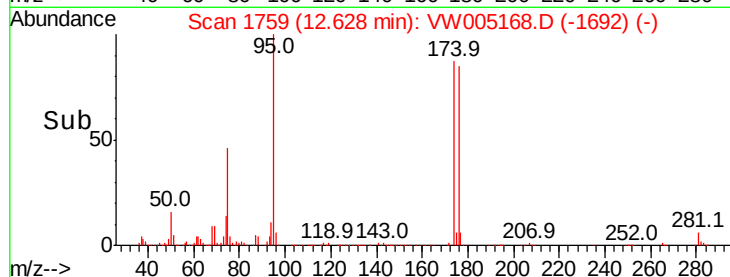
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#95

Naphthalene

Concen: 4.075 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW005168.D

Acq: 06 Sep 2018 17:08

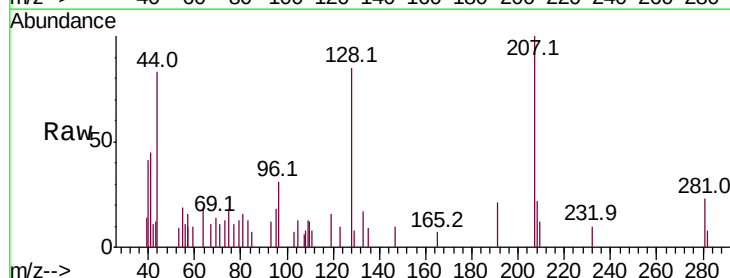
Tgt Ion: 128 Resp: 996

Ion Ratio Lower Upper

128 100

127 5.0 10.4 15.6#

129 8.4 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

