

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
 Data File : VW005636.D
 Acq On : 26 Sep 2018 04:13
 Operator : VA/AP
 Sample : J4770-09RE
 Misc : 6.79G/5ML/MSVOA_W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-ERE

Quant Time: Sep 26 05:53:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	182322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	283045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	195325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	51839	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	81326	37.86	ug/l	0.00
Spiked Amount			Recovery	=	75.72%	
35) Dibromofluoromethane	7.88	113	63484	35.67	ug/l	0.00
Spiked Amount			Recovery	=	71.34%	
50) Toluene-d8	10.33	98	140137	19.34	ug/l	0.00
Spiked Amount			Recovery	=	38.68%	
62) 4-Bromofluorobenzene	12.63	95	39151	14.60	ug/l	0.00
Spiked Amount			Recovery	=	29.20%	

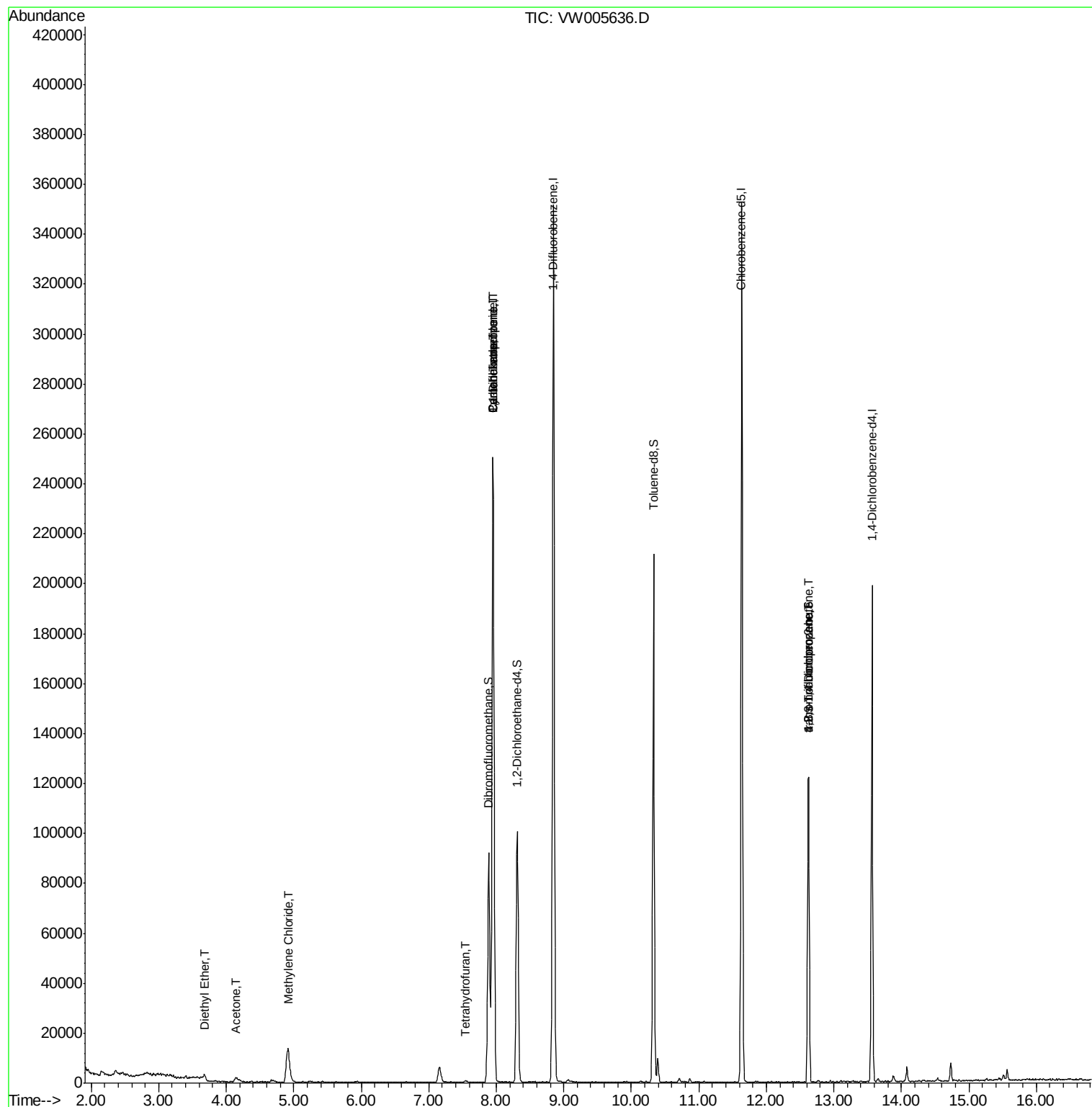
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1305	1.458	ug/l	84
11) Tert butyl alcohol	5.20	59	175	Below Cal	#	72
16) Acetone	4.15	43	3709	1.608	ug/l	94
20) Methylene Chloride	4.92	84	11586	2.352	ug/l	94
29) Tetrahydrofuran	7.54	42	336	1.031	ug/l #	39
31) Cyclohexane	7.95	56	4279	1.285	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	13999	4.913	ug/l #	50
38) Carbon Tetrachloride	7.95	117	18281	5.987	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	20523	46.443	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	20523	104.605	ug/l #	7

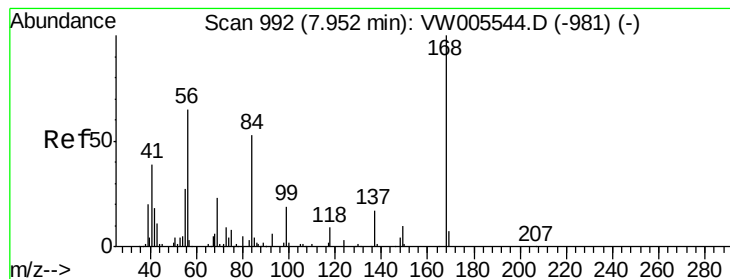
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
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Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 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: VW005636.D

Acq: 26 Sep 2018 04:13

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MSVOA_W

ClientSampleId :

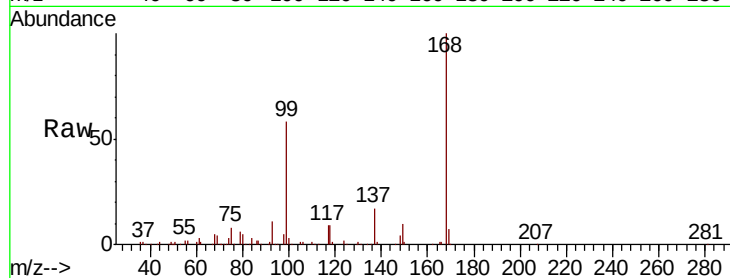
JC-02-092118-ERE

Tgt Ion:168 Resp: 182322

Ion Ratio Lower Upper

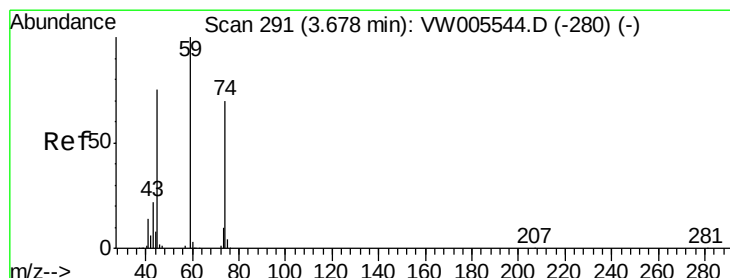
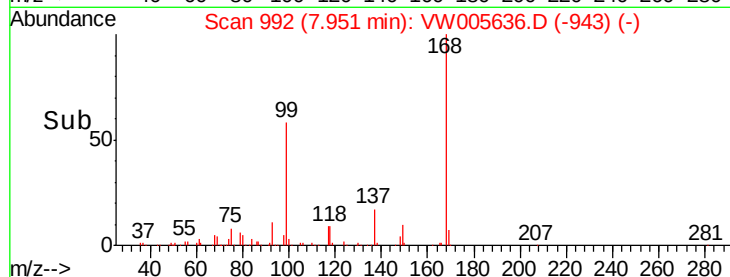
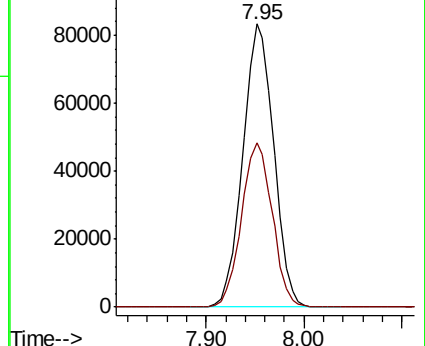
168 100

99 58.1 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.458 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW005636.D

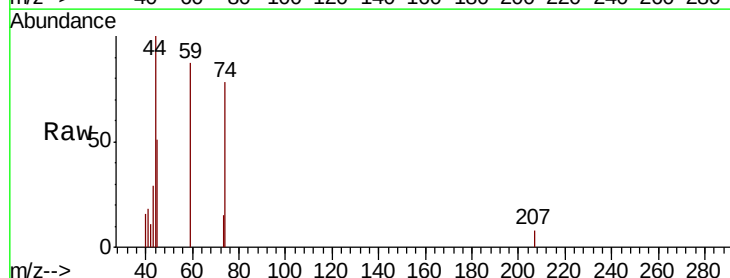
Acq: 26 Sep 2018 04:13

Tgt Ion: 74 Resp: 1305

Ion Ratio Lower Upper

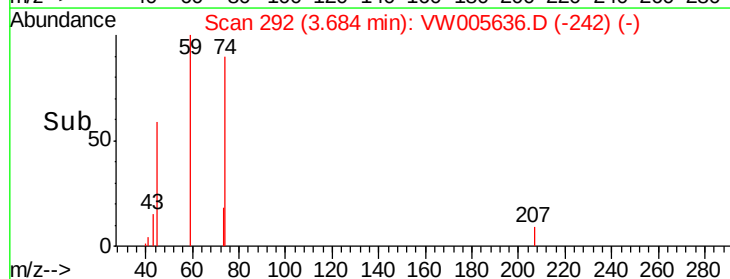
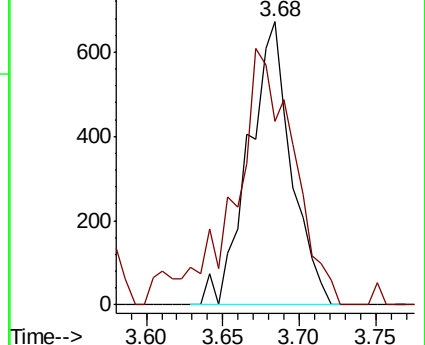
74 100

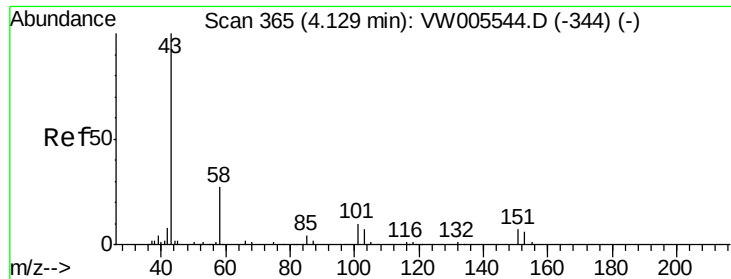
45 119.8 51.7 155.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 1.608 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW005636.D

Acq: 26 Sep 2018 04:13

Instrument :

MSVOA_W

ClientSampleId :

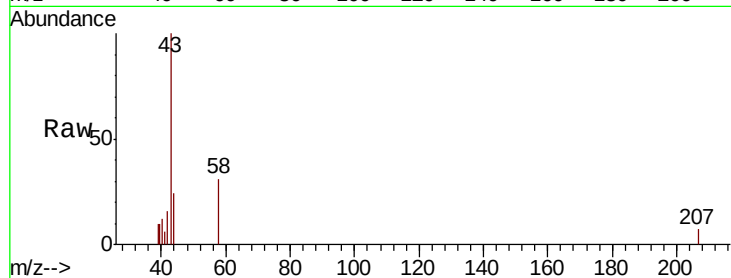
JC-02-092118-ERE

Tgt Ion: 43 Resp: 3709

Ion Ratio Lower Upper

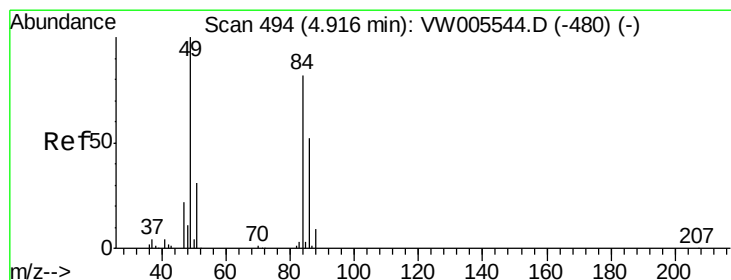
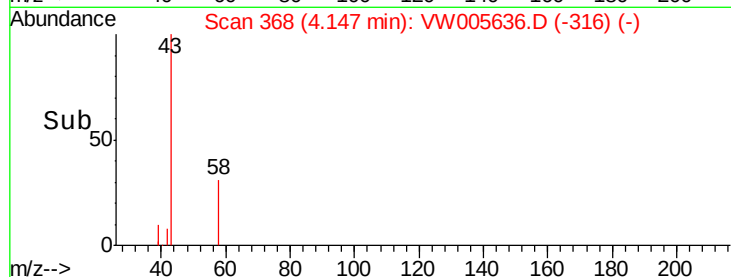
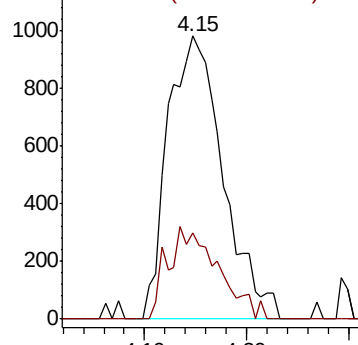
43 100

58 30.5 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 2.352 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW005636.D

Acq: 26 Sep 2018 04:13

Tgt Ion: 84 Resp: 11586

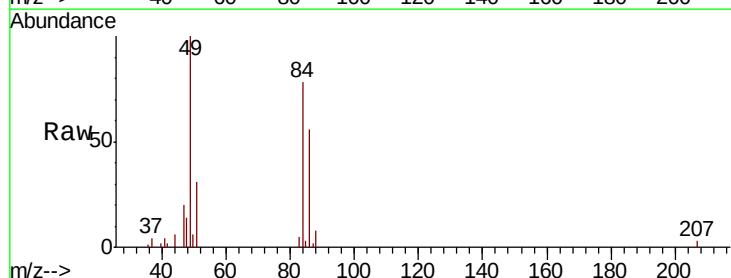
Ion Ratio Lower Upper

84 100

49 126.0 97.0 145.6

51 39.5 30.2 45.2

86 71.8 50.2 75.4

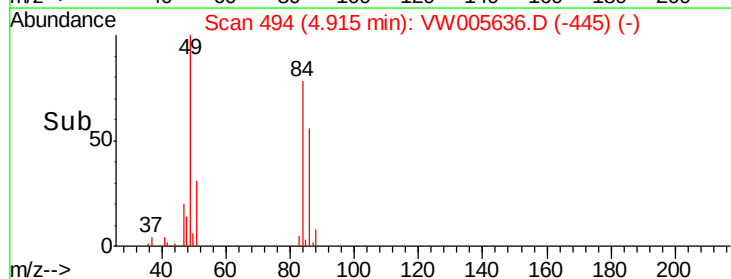
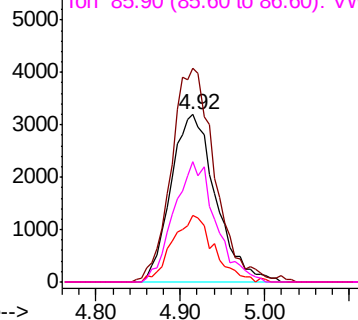


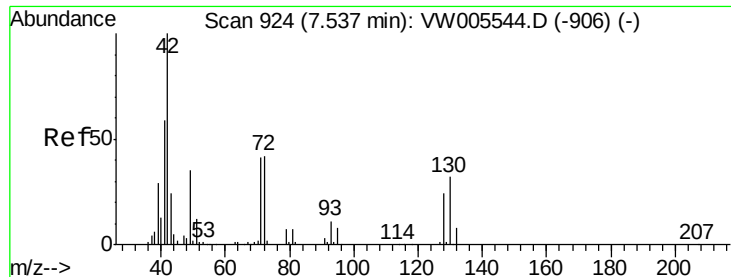
Abundance Ion 83.90 (83.60 to 84.60): VW

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

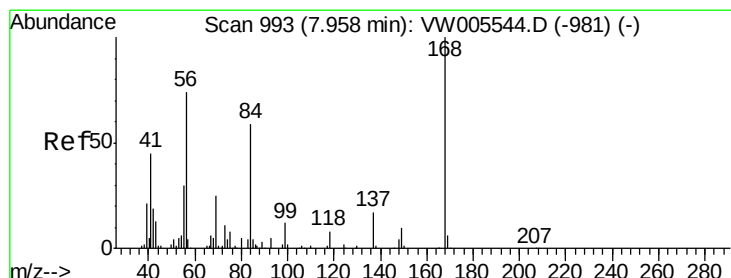
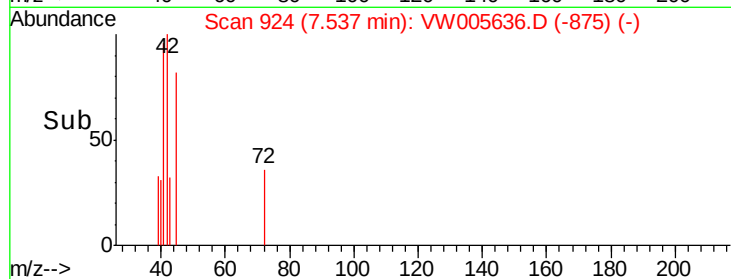
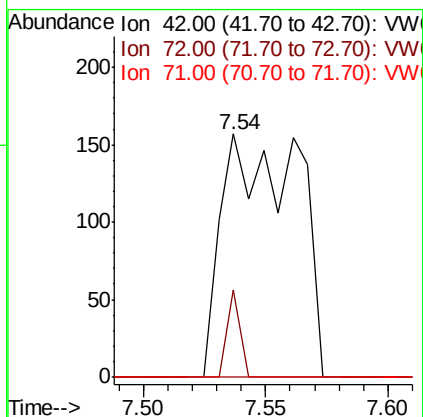
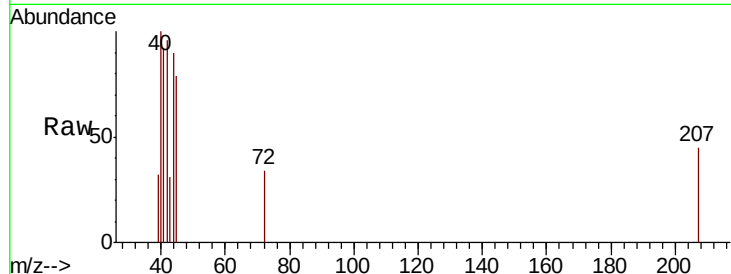




#29
Tetrahydrofuran
Concen: 1.031 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005636.D
Acq: 26 Sep 2018 04:13

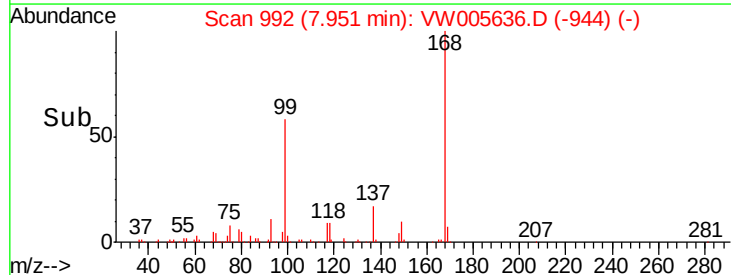
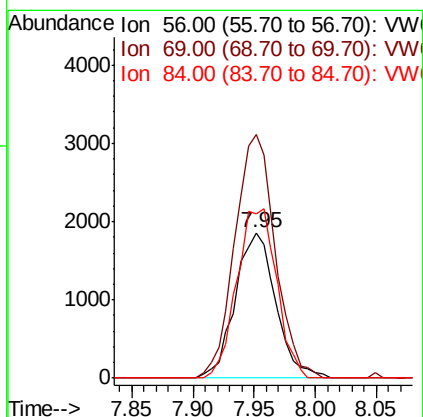
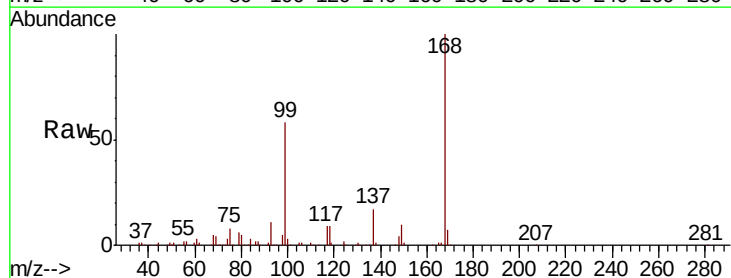
Instrument :
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JC-02-092118-ERE

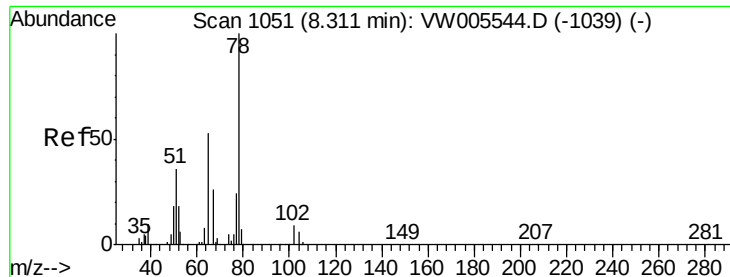
Tgt Ion: 42 Resp: 336
Ion Ratio Lower Upper
42 100
72 6.0 33.6 50.4#
71 0.0 31.8 47.6#



#31
Cyclohexane
Concen: 1.285 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005636.D
Acq: 26 Sep 2018 04:13

Tgt Ion: 56 Resp: 4279
Ion Ratio Lower Upper
56 100
69 167.7 27.0 40.4#
84 112.9 64.2 96.4#

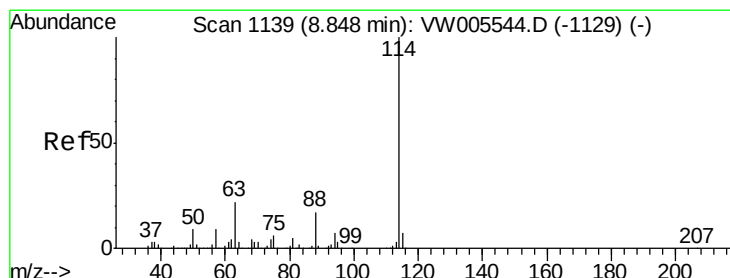
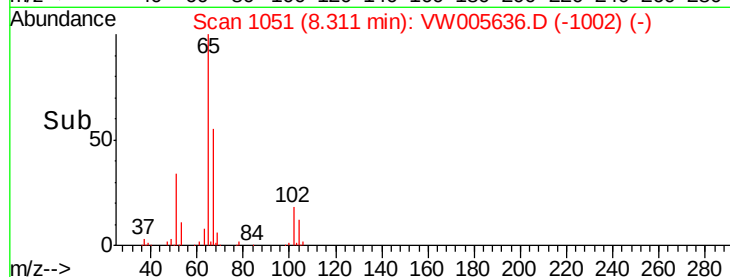
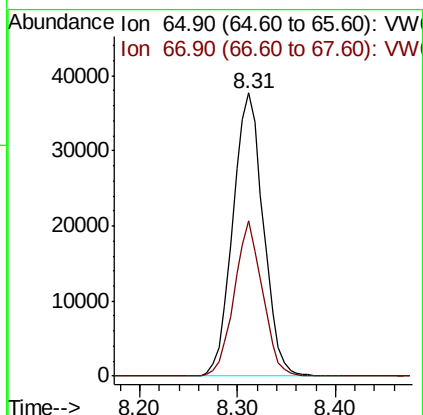
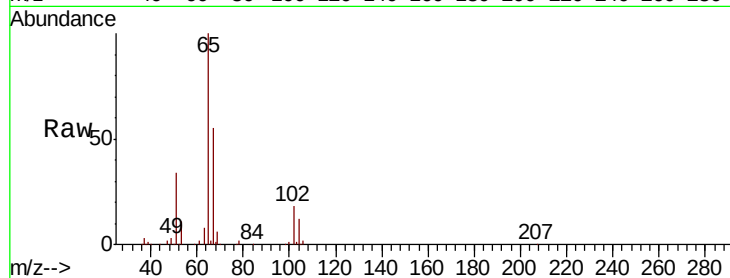




#33
 1,2-Dichloroethane-d4
 Concen: 37.863 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005636.D
 Acq: 26 Sep 2018 04:13

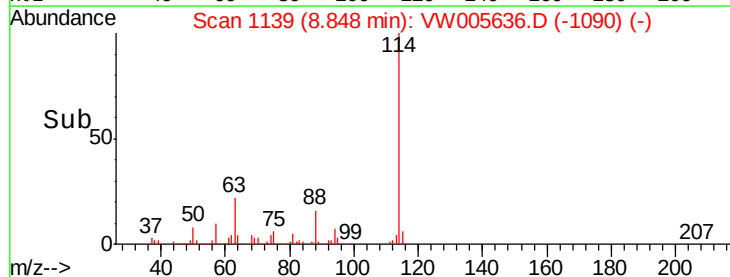
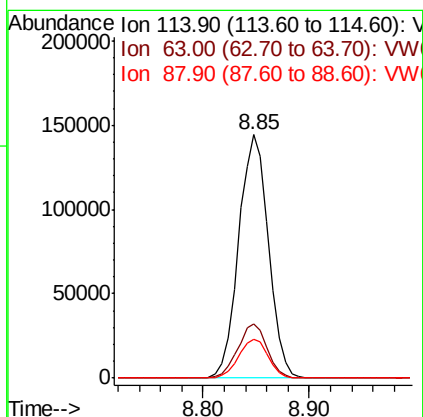
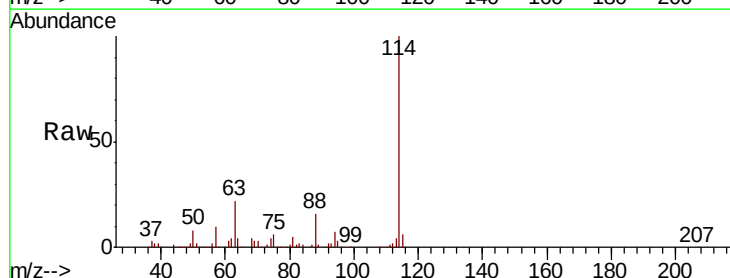
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-ERE

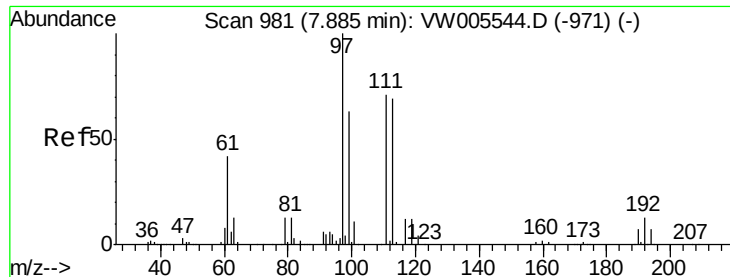
Tgt Ion: 65 Resp: 81326
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005636.D
 Acq: 26 Sep 2018 04:13

Tgt Ion: 114 Resp: 283045
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.0
 88 15.9 0.0 33.0

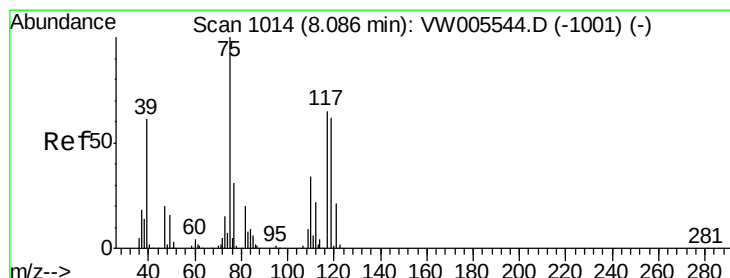
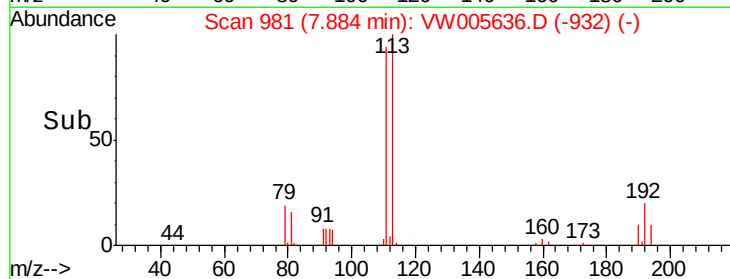
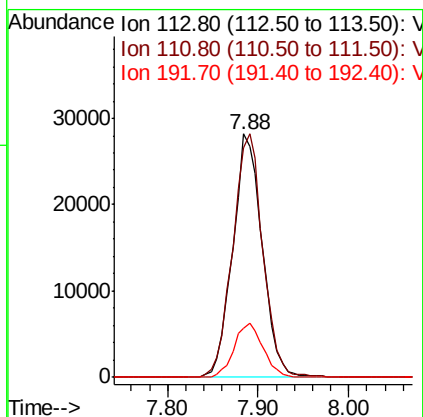
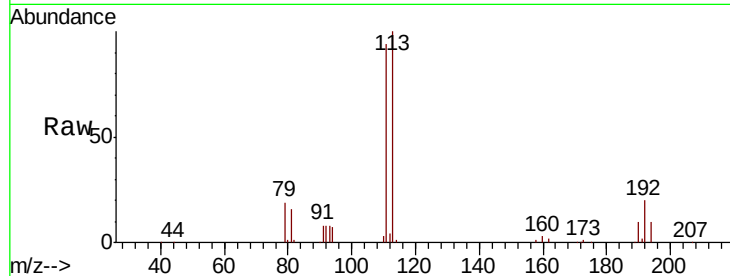




#35
 Dibromofluoromethane
 Concen: 35.666 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005636.D
 Acq: 26 Sep 2018 04:13

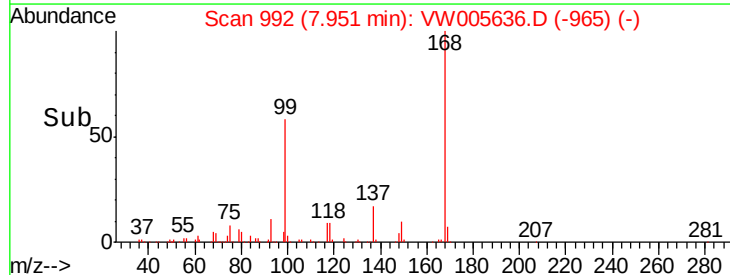
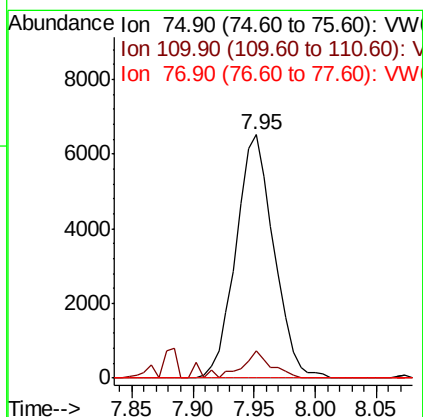
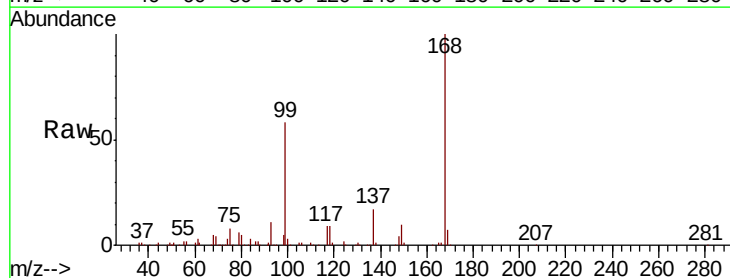
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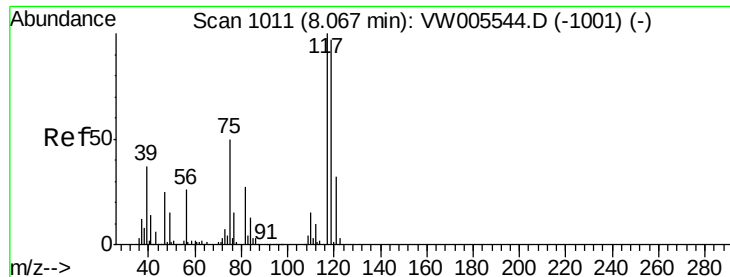
Tgt Ion:113 Resp: 63484
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.6 123.8
 192 21.8 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 4.913 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005636.D
 Acq: 26 Sep 2018 04:13

Tgt Ion: 75 Resp: 13999
 Ion Ratio Lower Upper
 75 100
 110 8.2 17.0 50.9#
 77 0.0 24.8 37.2#

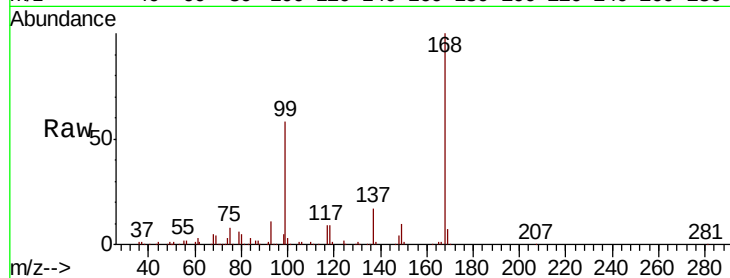




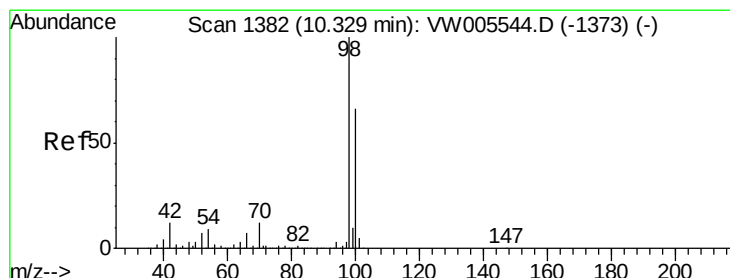
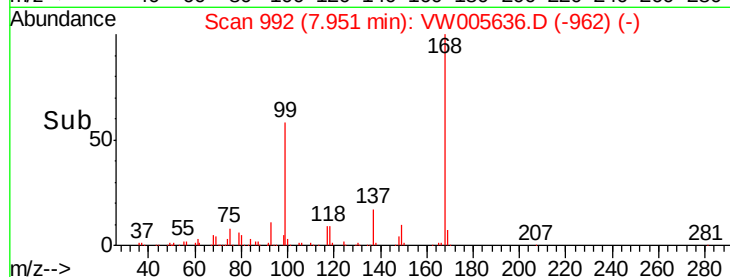
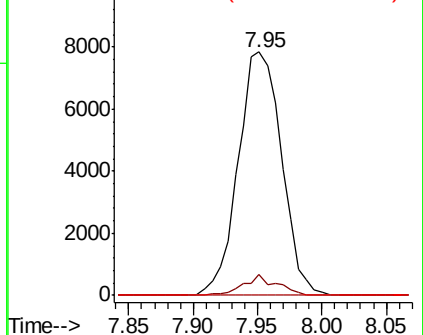
#38
Carbon Tetrachloride
Concen: 5.987 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005636.D
Acq: 26 Sep 2018 04:13

Instrument :
MSVOA_W
ClientSampleId :
JC-02-092118-ERE

Tgt Ion:117 Resp: 18281
Ion Ratio Lower Upper
117 100
119 8.6 77.6 116.4#
121 0.0 25.7 38.5#

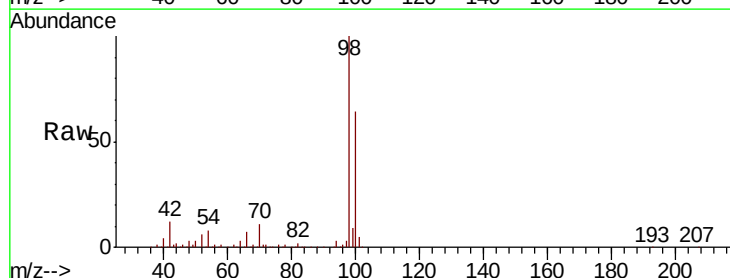


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

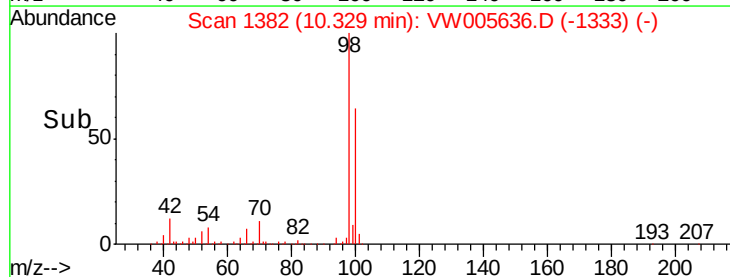
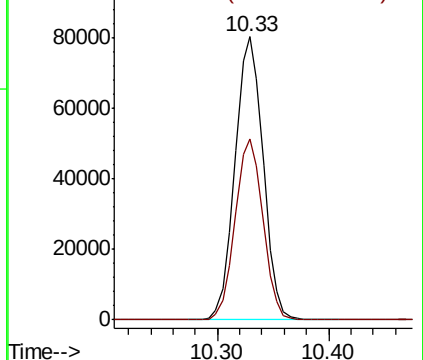


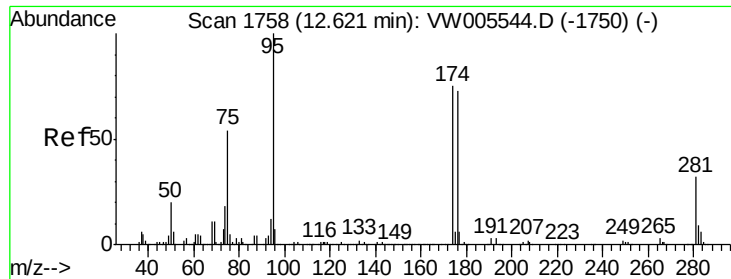
#50
Toluene-d8
Concen: 19.336 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005636.D
Acq: 26 Sep 2018 04:13

Tgt Ion: 98 Resp: 140137
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

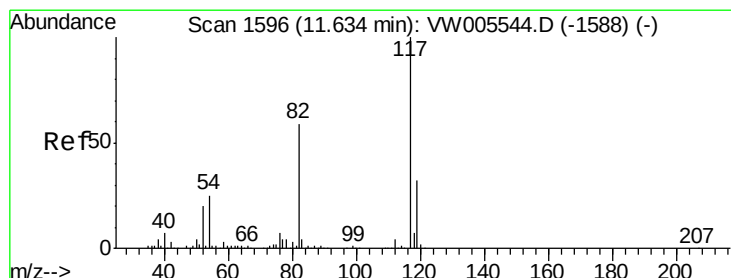
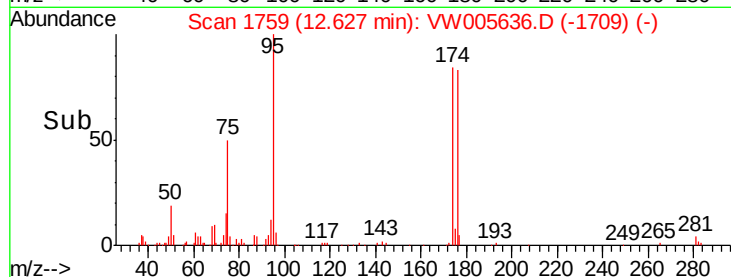
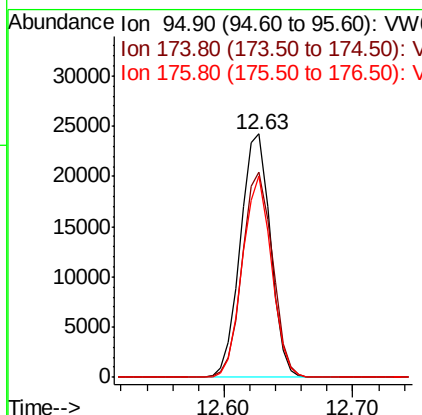
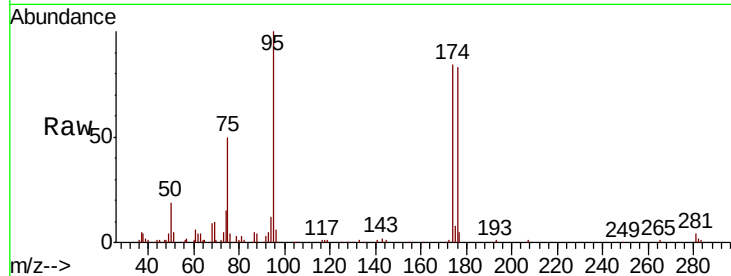




#62
4-Bromofluorobenzene
Concen: 14.599 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005636.D
Acq: 26 Sep 2018 04:13

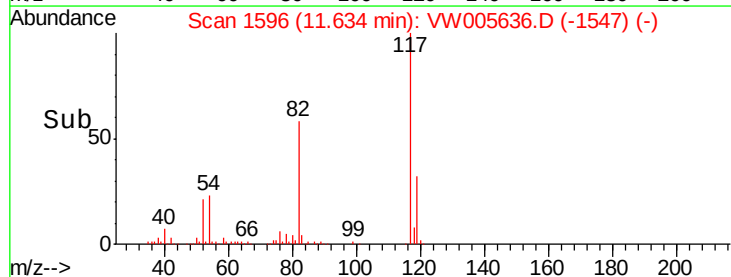
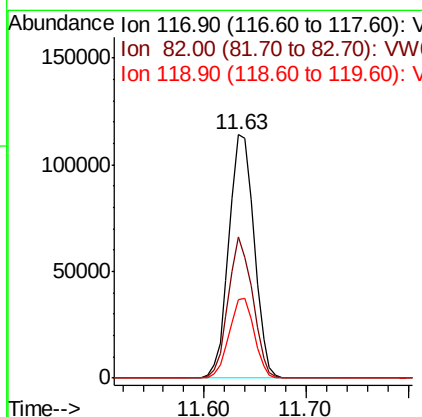
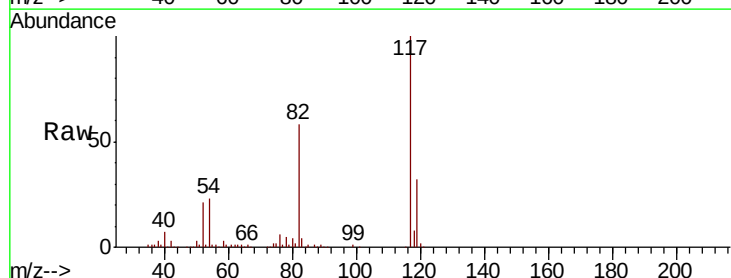
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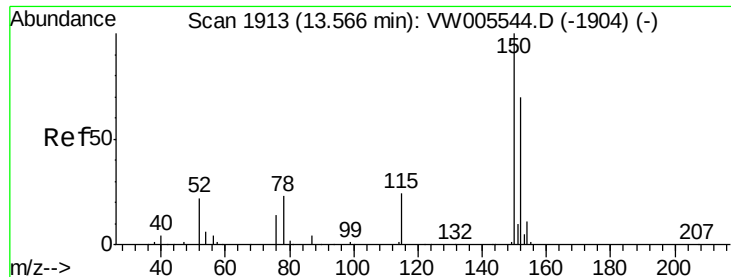
Tgt Ion: 95 Resp: 39151
Ion Ratio Lower Upper
95 100
174 84.5 0.0 163.8
176 80.0 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005636.D
Acq: 26 Sep 2018 04:13

Tgt Ion: 117 Resp: 195325
Ion Ratio Lower Upper
117 100
82 57.9 46.9 70.3
119 32.1 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005636.D

Acq: 26 Sep 2018 04:13

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-ERE

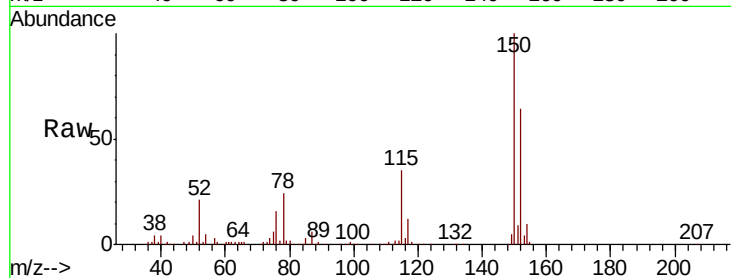
Tgt Ion:152 Resp: 51839

Ion Ratio Lower Upper

152 100

115 56.5 30.0 90.0

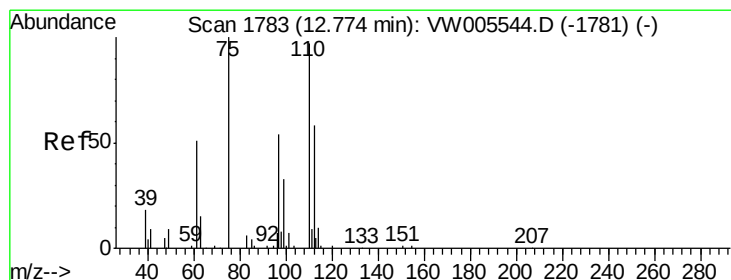
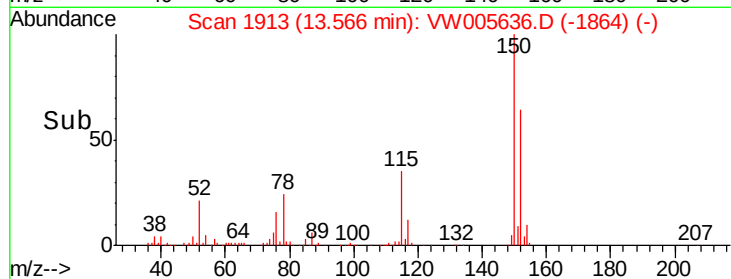
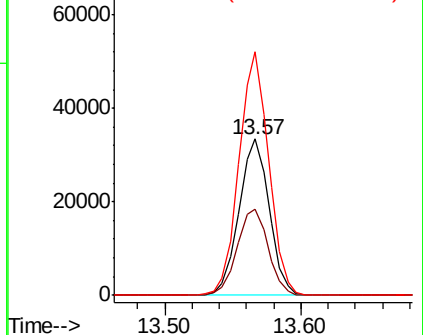
150 152.8 0.0 348.6



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: 46.443 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005636.D

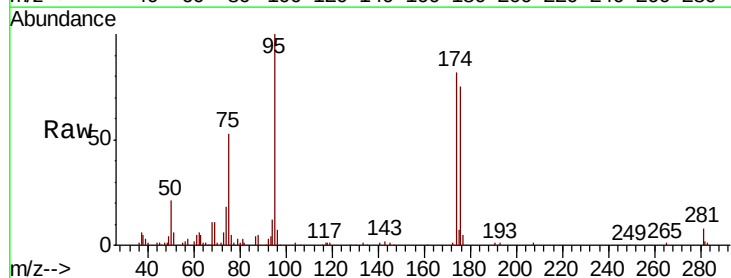
Acq: 26 Sep 2018 04:13

Tgt Ion: 75 Resp: 20523

Ion Ratio Lower Upper

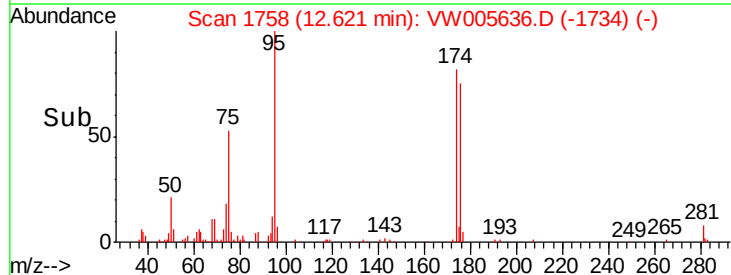
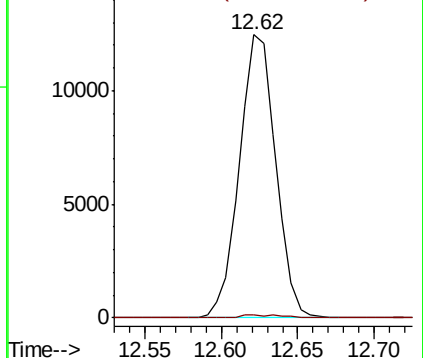
75 100

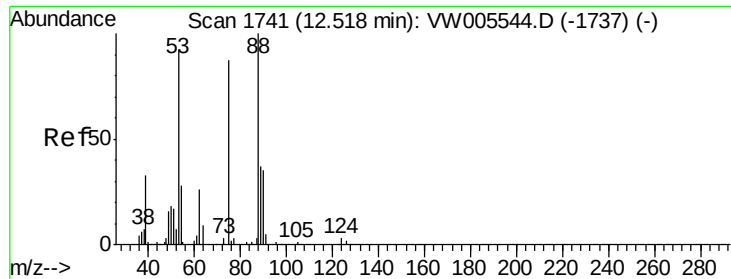
77 1.0 0.0 0.0#



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: 104.605 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005636.D

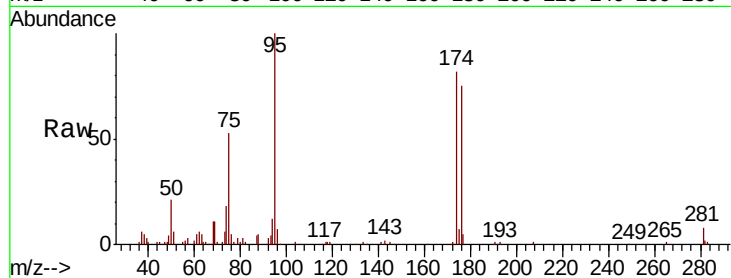
Acq: 26 Sep 2018 04:13

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-ERE



Tgt Ion: 75 Resp: 20523

Ion Ratio Lower Upper

75 100

53 0.0 85.8 128.6#

89 0.0 37.3 55.9#

