

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
 Data File : VW005641.D
 Acq On : 26 Sep 2018 06:21
 Operator : VA/AP
 Sample : J4770-19RE
 Misc : 6.28G/5ML/MSVOA_W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

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

Quant Time: Sep 26 07:13:14 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	208567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	346734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	284355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	105468	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	147306	59.95	ug/l	0.00
Spiked Amount			Recovery	=	119.90%	
35) Dibromofluoromethane	7.89	113	118249	54.23	ug/l	0.00
Spiked Amount			Recovery	=	108.46%	
50) Toluene-d8	10.33	98	382630	43.10	ug/l	0.00
Spiked Amount			Recovery	=	86.20%	
62) 4-Bromofluorobenzene	12.63	95	120475	36.67	ug/l	0.00
Spiked Amount			Recovery	=	73.34%	

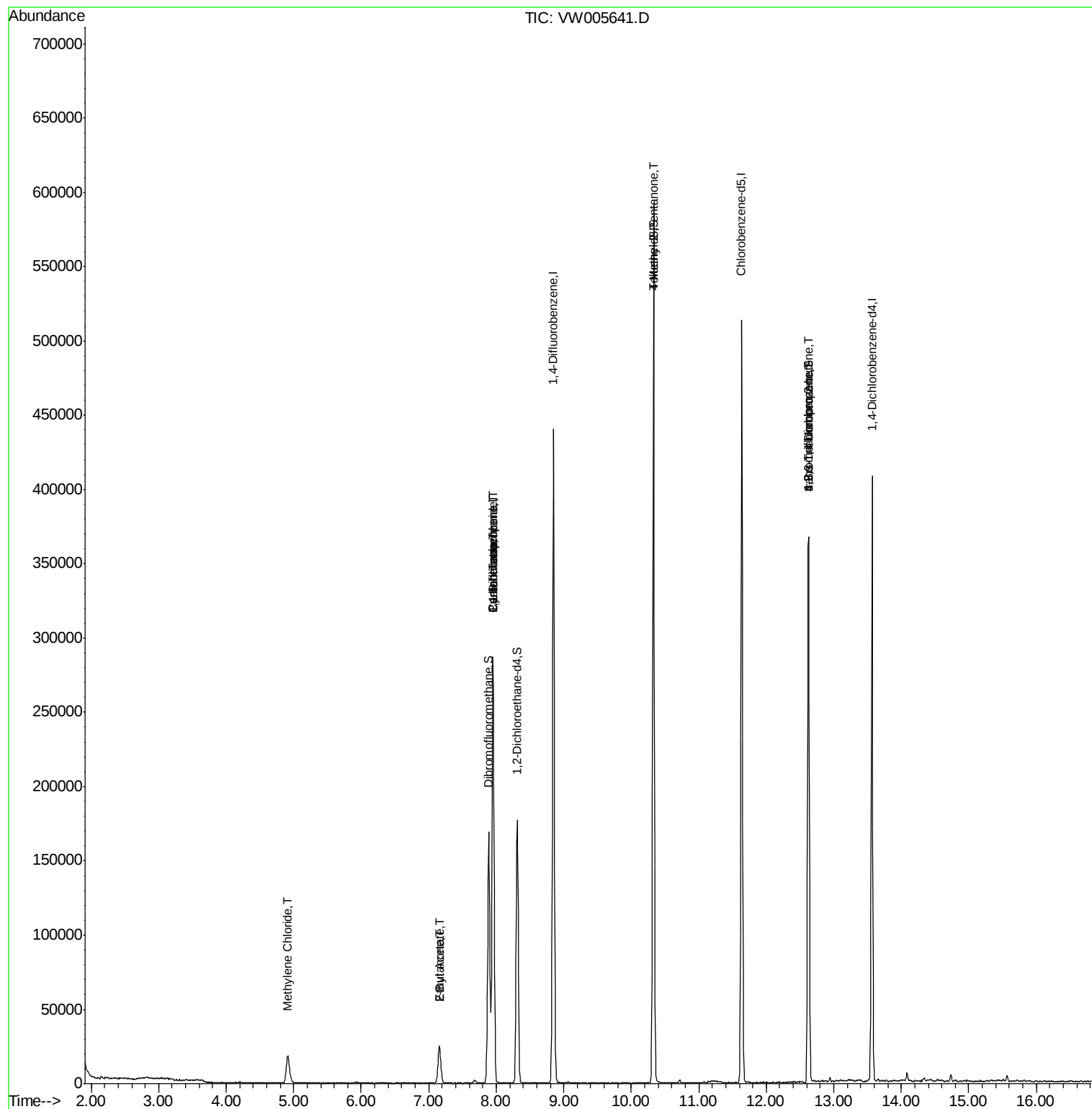
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	25	Below Cal	#	72
16) Acetone	4.14	43	516	Below Cal		99
20) Methylene Chloride	4.92	84	15283	3.430	ug/l	95
25) 2-Butanone	7.16	43	1560	2.614	ug/l #	50
31) Cyclohexane	7.95	56	4488	1.178	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	16043	4.596	ug/l #	50
37) Ethyl Acetate	7.16	43	1560	1.062	ug/l #	1
38) Carbon Tetrachloride	7.95	117	19940	5.331	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1821	1.252	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	61202	68.075	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	61202	153.324	ug/l #	7

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

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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: VW005641.D

Acq: 26 Sep 2018 06:21

Instrument :

MSVOA_W

ClientSampleId :

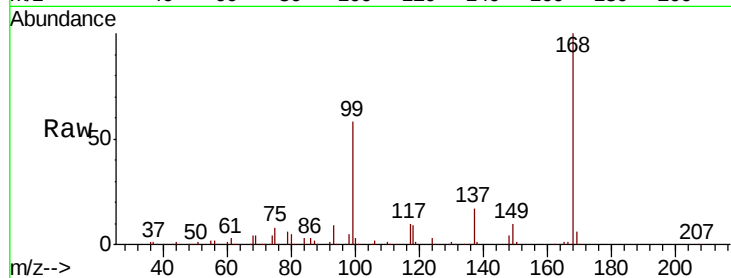
JC-02-092118-JRE

Tgt Ion: 168 Resp: 208567

Ion Ratio Lower Upper

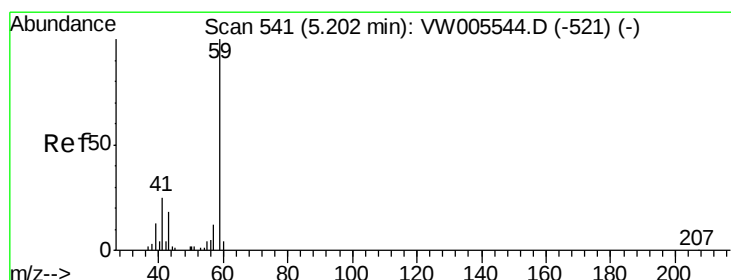
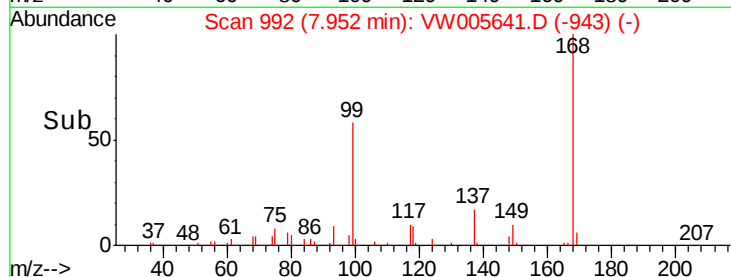
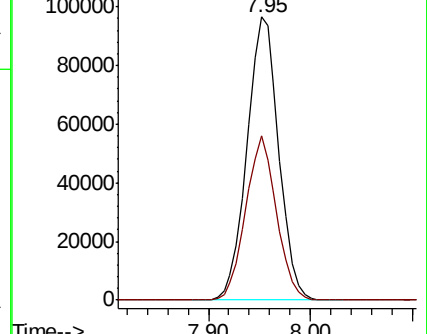
168 100

99 58.0 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 543

Delta R.T. 0.01 min

Lab File: VW005641.D

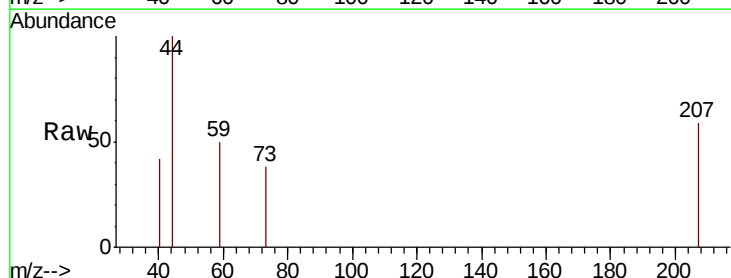
Acq: 26 Sep 2018 06:21

Tgt Ion: 59 Resp: 25

Ion Ratio Lower Upper

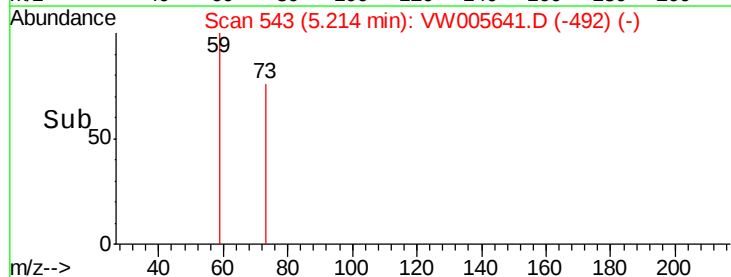
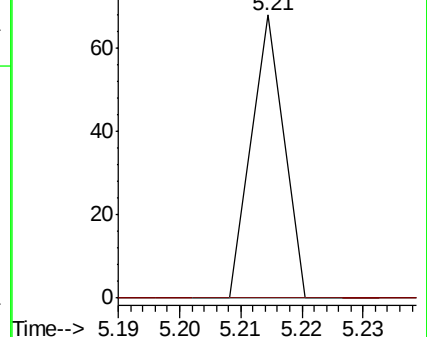
59 100

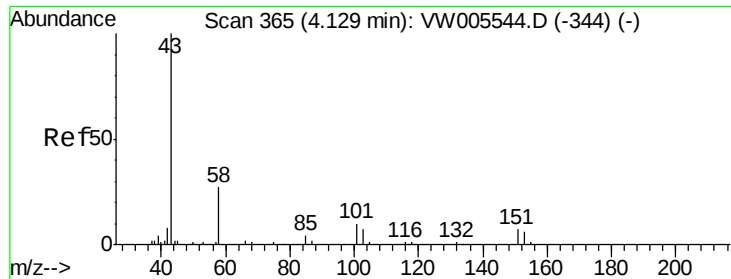
57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

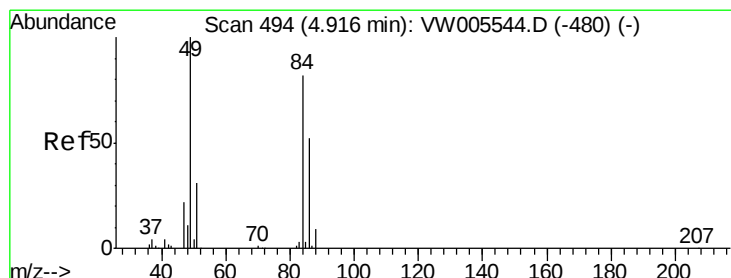
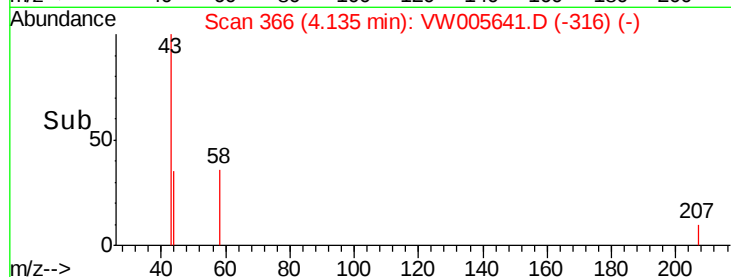
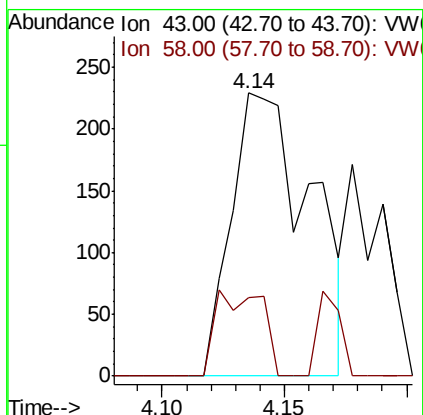
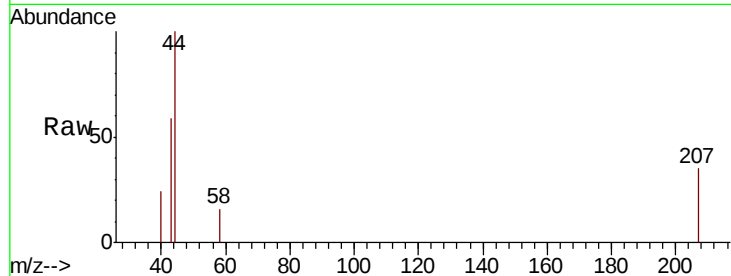




#16
Acetone
Concen: Below Cal
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW005641.D
Acq: 26 Sep 2018 06:21

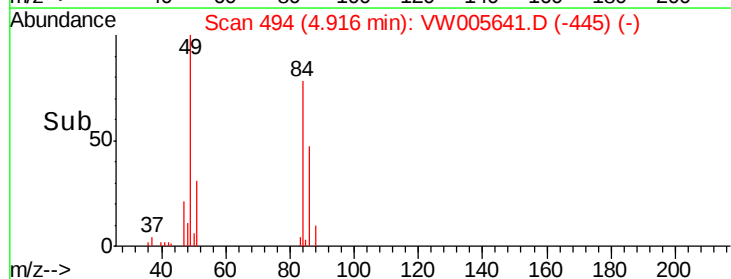
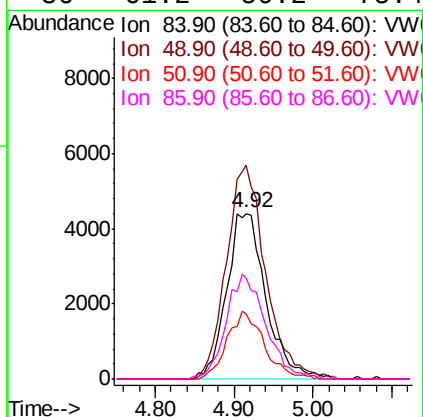
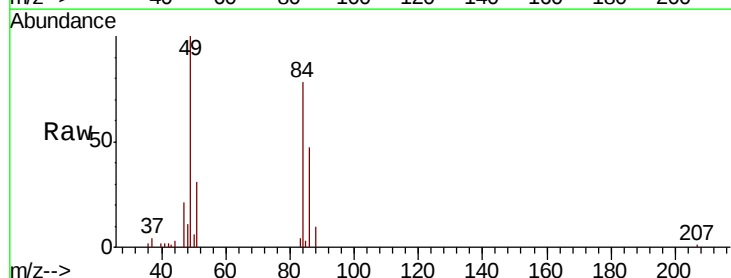
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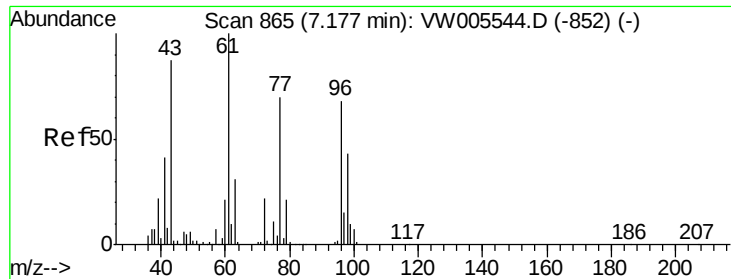
Tgt Ion: 43 Resp: 516
Ion Ratio Lower Upper
43 100
58 27.9 21.8 32.8



#20
Methylene Chloride
Concen: 3.430 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005641.D
Acq: 26 Sep 2018 06:21

Tgt Ion: 84 Resp: 15283
Ion Ratio Lower Upper
84 100
49 129.0 97.0 145.6
51 39.8 30.2 45.2
86 61.2 50.2 75.4





#25

2-Butanone

Concen: 2.614 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW005641.D

Acq: 26 Sep 2018 06:21

Instrument :

MSVOA_W

ClientSampleId :

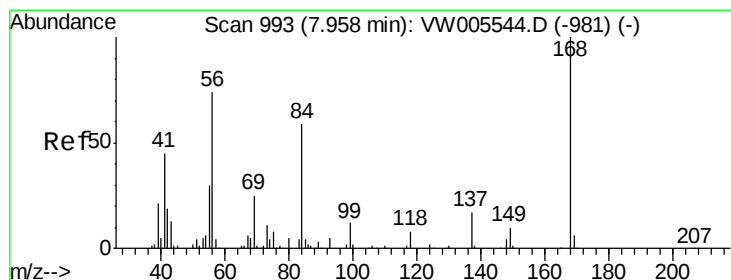
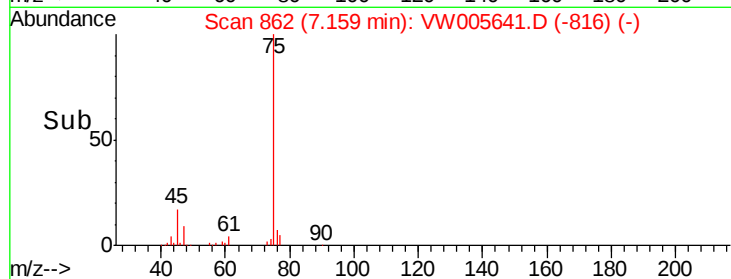
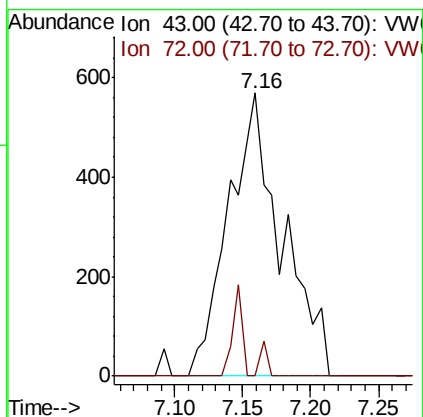
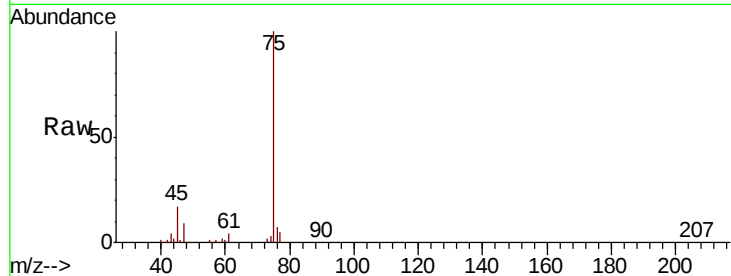
JC-02-092118-JRE

Tgt Ion: 43 Resp: 1560

Ion Ratio Lower Upper

43 100

72 0.0 19.9 29.9#



#31

Cyclohexane

Concen: 1.178 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW005641.D

Acq: 26 Sep 2018 06:21

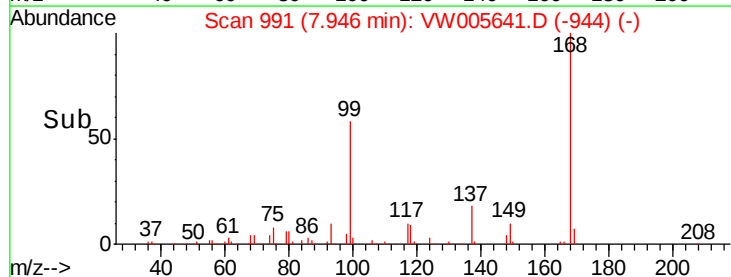
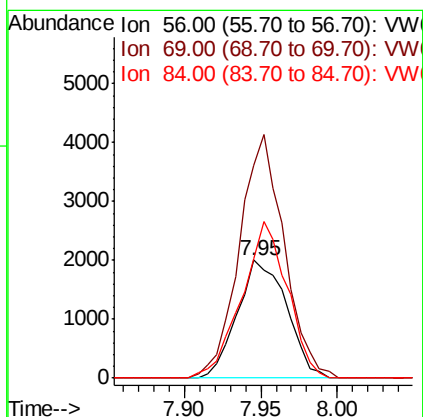
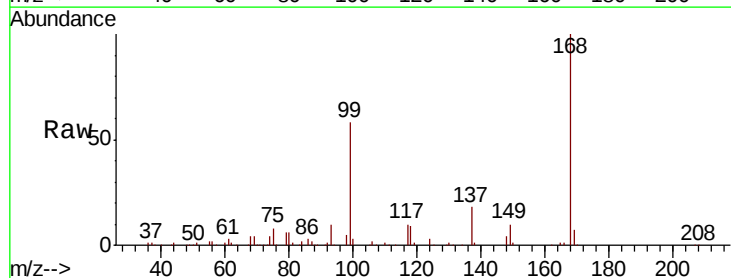
Tgt Ion: 56 Resp: 4488

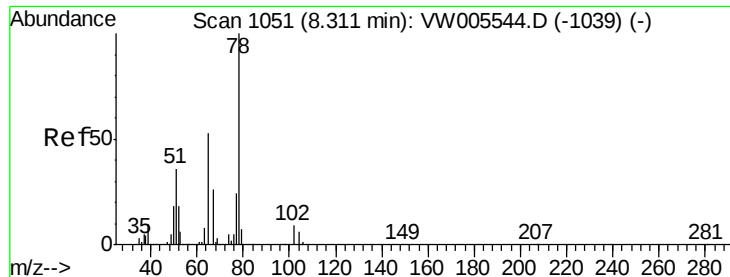
Ion Ratio Lower Upper

56 100

69 181.1 27.0 40.4#

84 101.3 64.2 96.4#

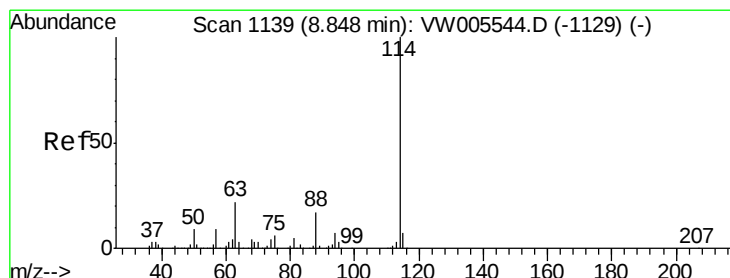
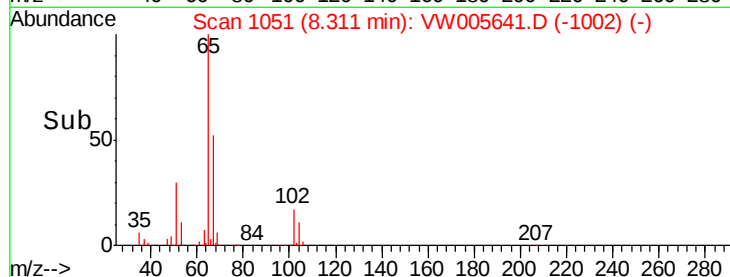
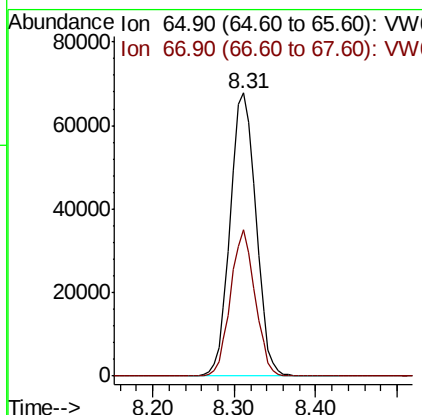
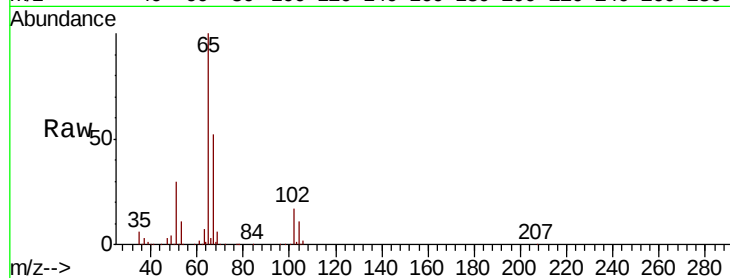




#33
 1,2-Dichloroethane-d4
 Concen: 59.952 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005641.D
 Acq: 26 Sep 2018 06:21

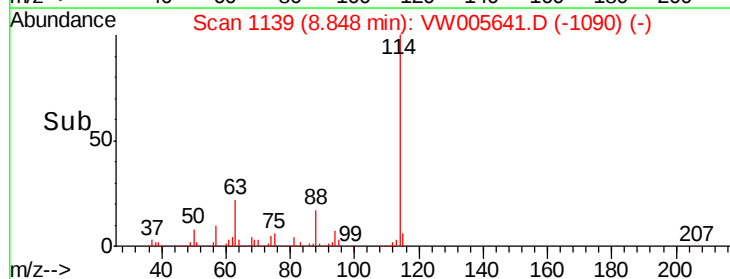
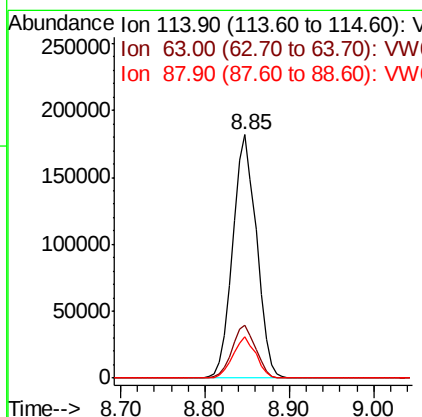
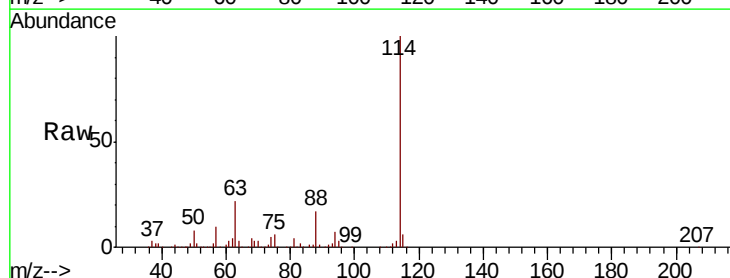
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 ClientSampleId :
 JC-02-092118-JRE

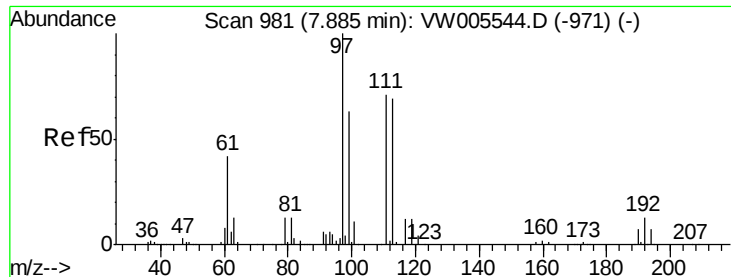
Tgt Ion: 65 Resp: 147306
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005641.D
 Acq: 26 Sep 2018 06:21

Tgt Ion: 114 Resp: 346734
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.0
 88 16.9 0.0 33.0

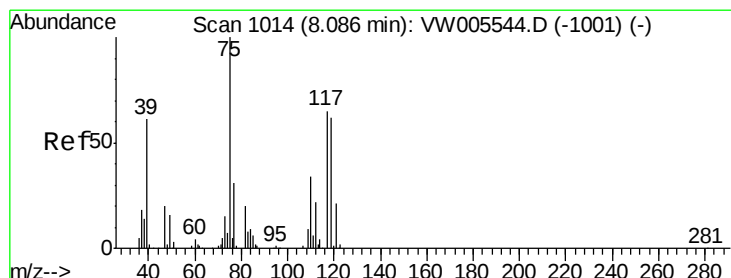
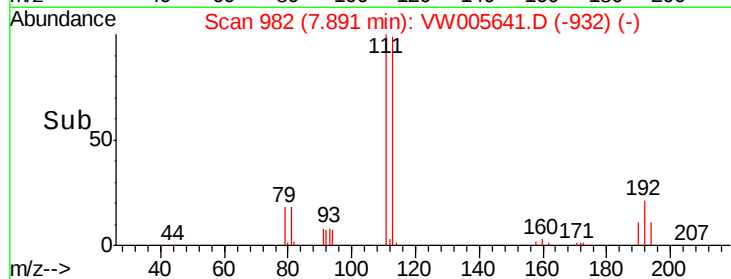
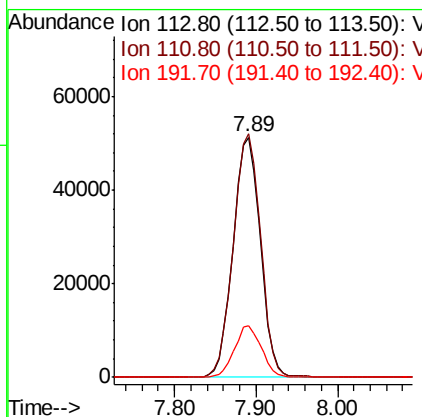
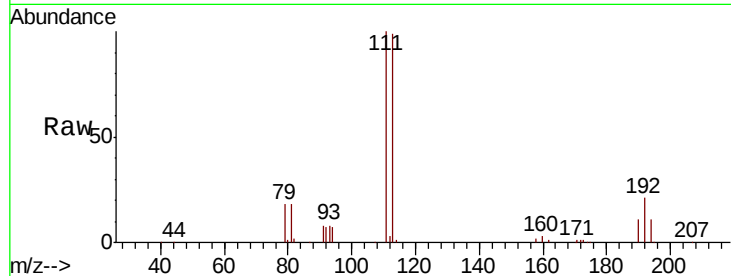




#35
 Dibromofluoromethane
 Concen: 54.231 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005641.D
 Acq: 26 Sep 2018 06:21

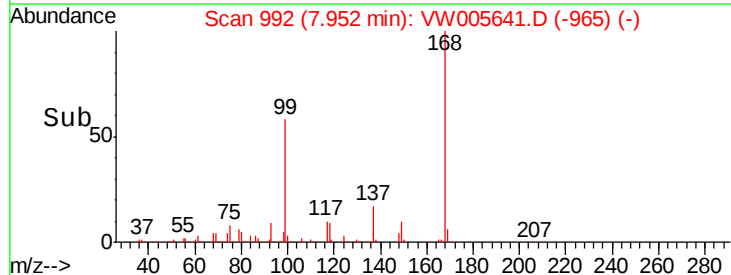
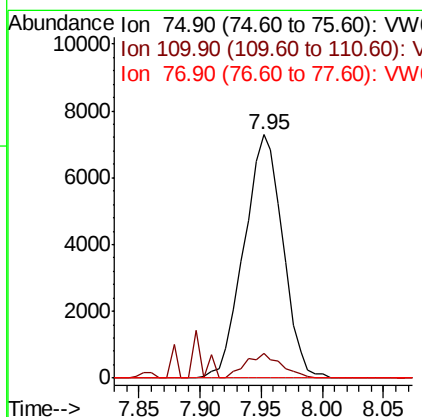
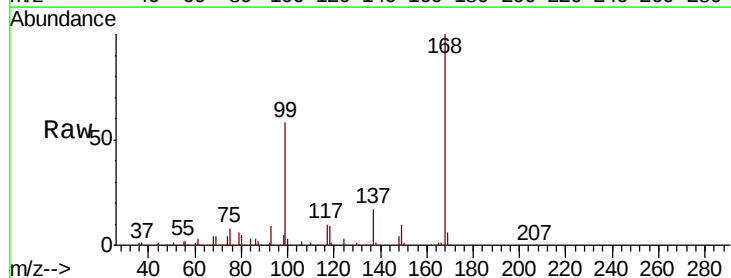
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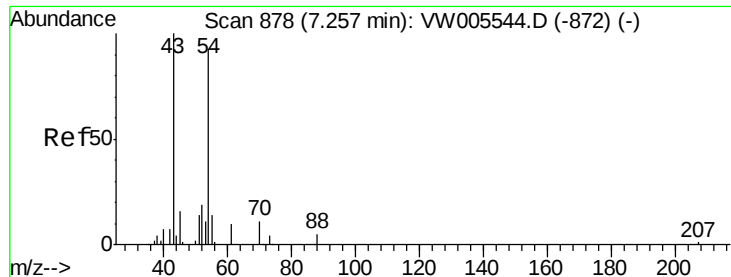
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	123.8
192	21.2	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 4.596 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005641.D
 Acq: 26 Sep 2018 06:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.0	50.9#
77	0.0	24.8	37.2#

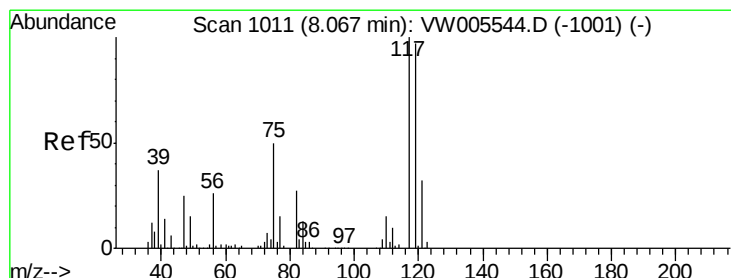
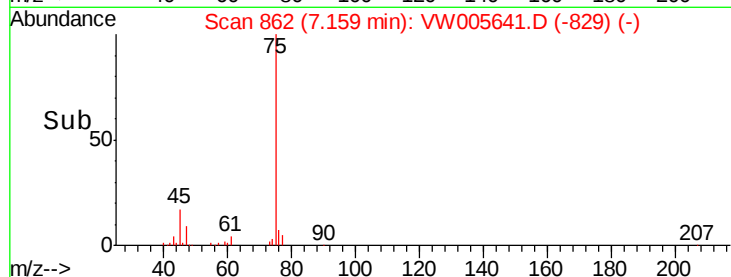
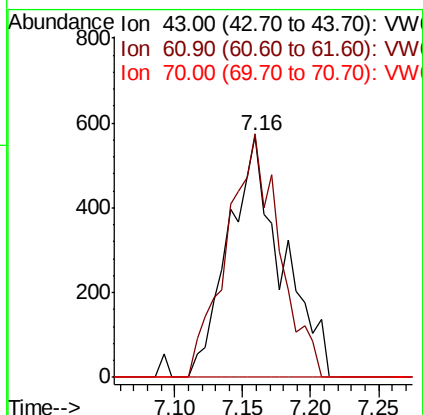
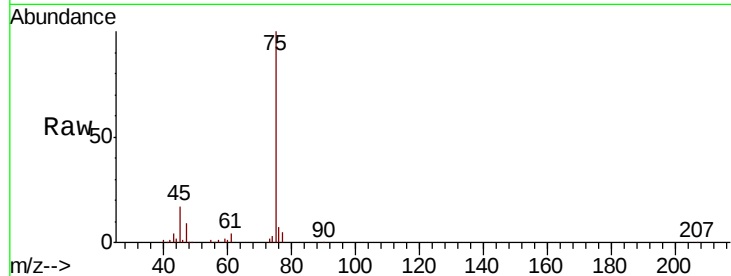




#37
Ethyl Acetate
Concen: 1.062 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.10 min
Lab File: VW005641.D
Acq: 26 Sep 2018 06:21

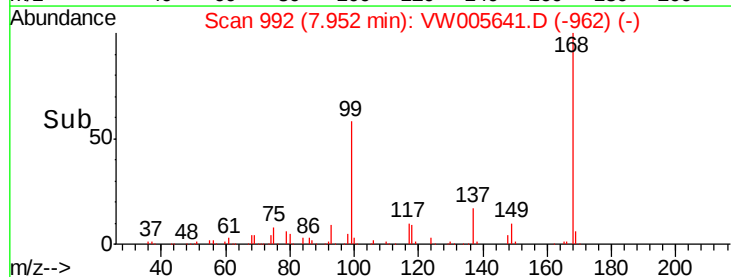
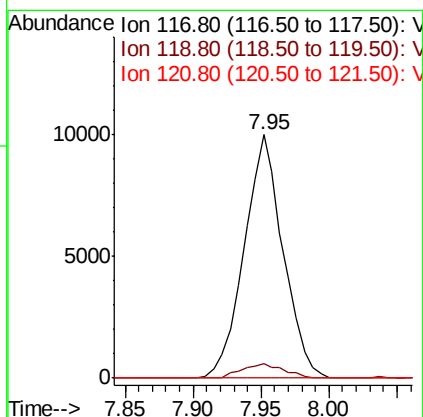
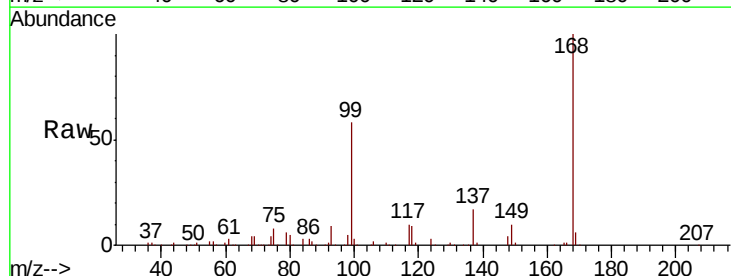
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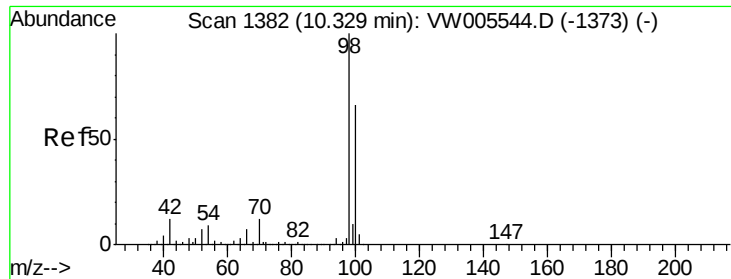
Tgt Ion: 43 Resp: 1560
Ion Ratio Lower Upper
43 100
61 98.8 10.4 15.6#
70 0.0 8.2 12.2#



#38
Carbon Tetrachloride
Concen: 5.331 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005641.D
Acq: 26 Sep 2018 06:21

Tgt Ion: 117 Resp: 19940
Ion Ratio Lower Upper
117 100
119 5.9 77.6 116.4#
121 0.0 25.7 38.5#





#50

Toluene-d8

Concen: 43.097 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005641.D

Acq: 26 Sep 2018 06:21

Instrument :

MSVOA_W

ClientSampleId :

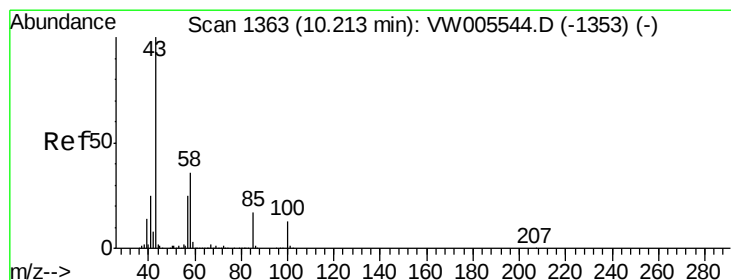
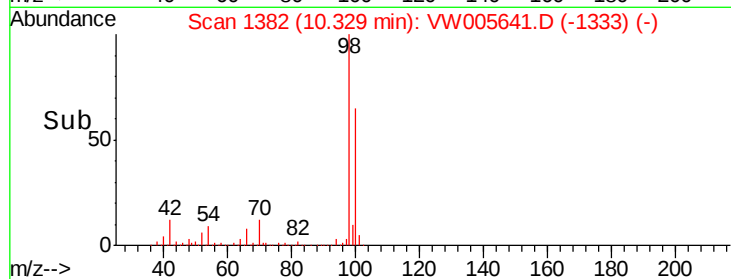
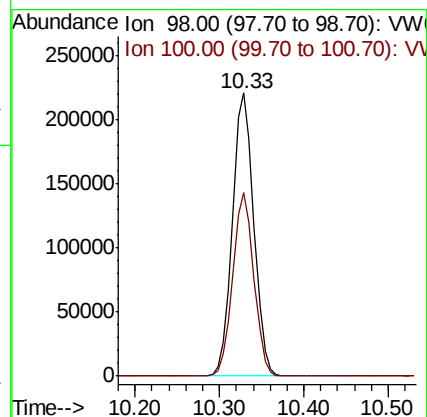
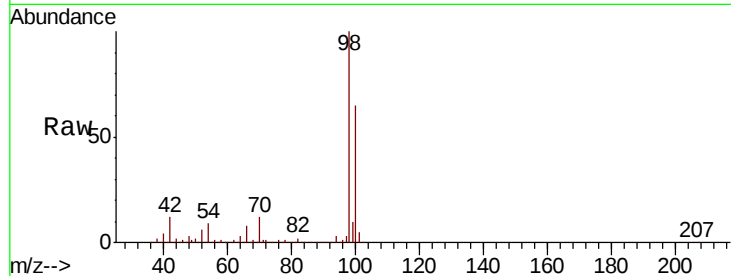
JC-02-092118-JRE

Tgt Ion: 98 Resp: 382630

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.252 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW005641.D

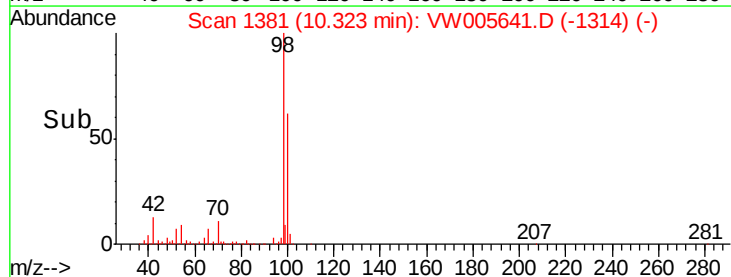
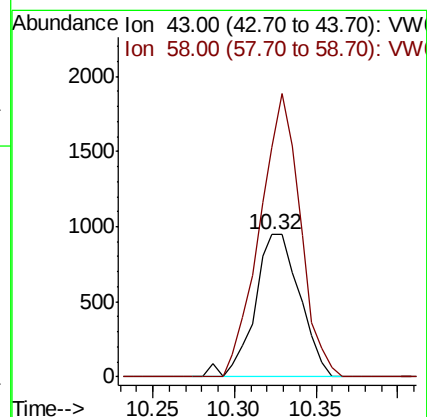
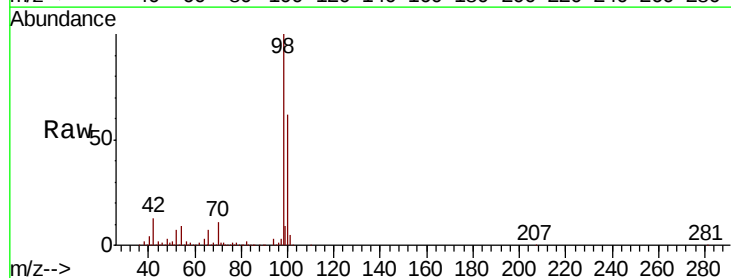
Acq: 26 Sep 2018 06:21

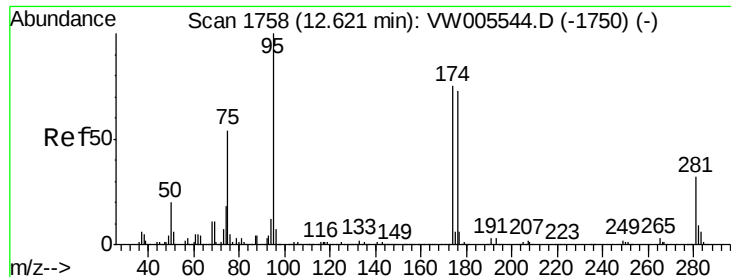
Tgt Ion: 43 Resp: 1821

Ion Ratio Lower Upper

43 100

58 178.5 30.0 45.0#





#62

4-Bromofluorobenzene

Concen: 36.672 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005641.D

Acq: 26 Sep 2018 06:21

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MSVOA_W

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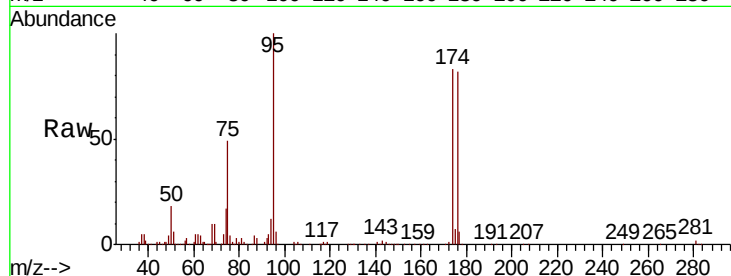
Tgt Ion: 95 Resp: 120475

Ion Ratio Lower Upper

95 100

174 82.1 0.0 163.8

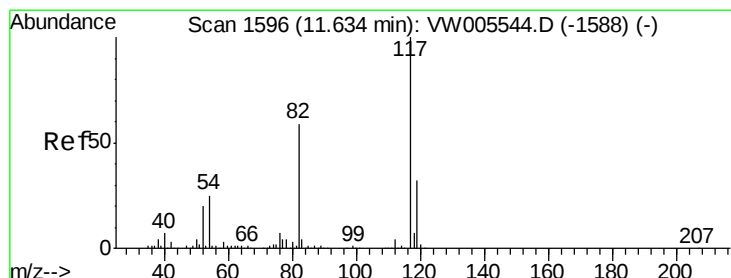
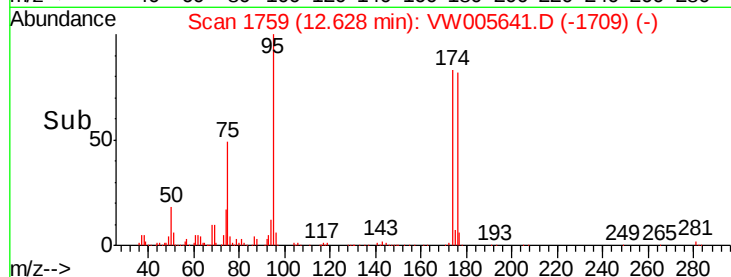
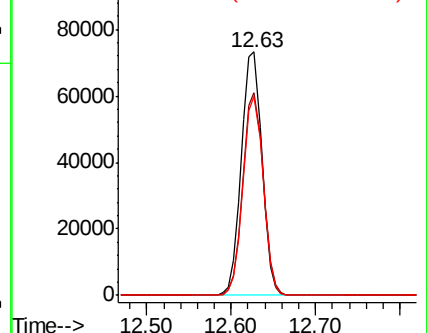
176 79.7 0.0 158.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW005641.D

Acq: 26 Sep 2018 06:21

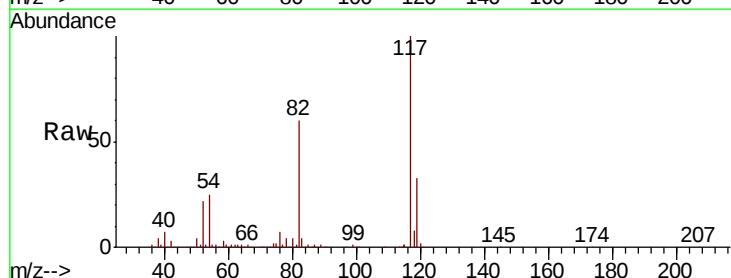
Tgt Ion: 117 Resp: 284355

Ion Ratio Lower Upper

117 100

82 60.4 46.9 70.3

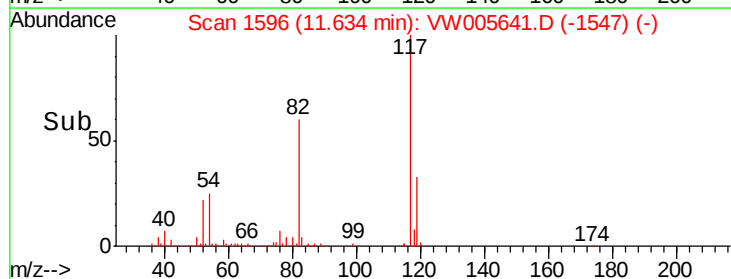
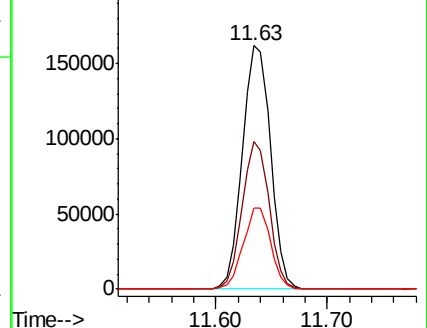
119 33.3 25.7 38.5

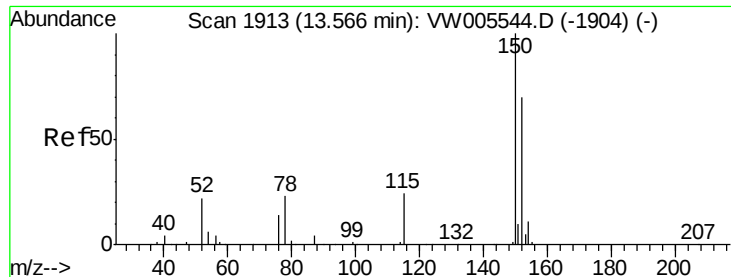


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005641.D

Acq: 26 Sep 2018 06:21

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-JRE

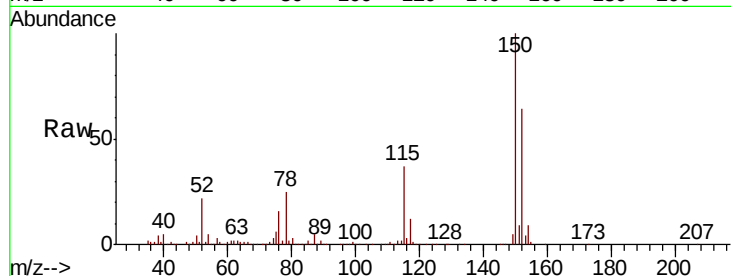
Tgt Ion:152 Resp: 105468

Ion Ratio Lower Upper

152 100

115 58.2 30.0 90.0

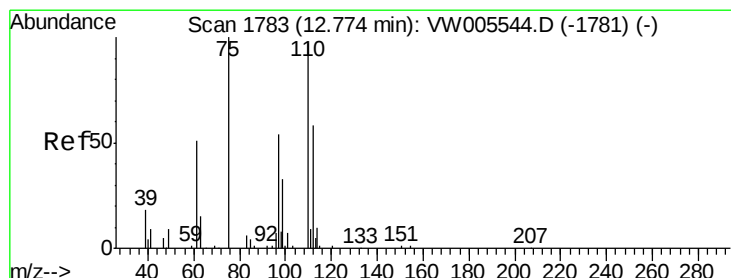
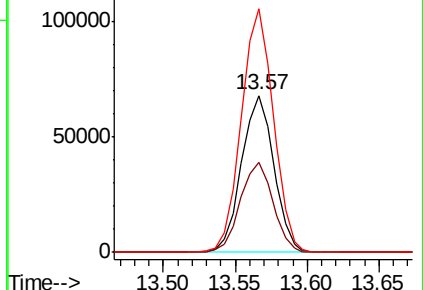
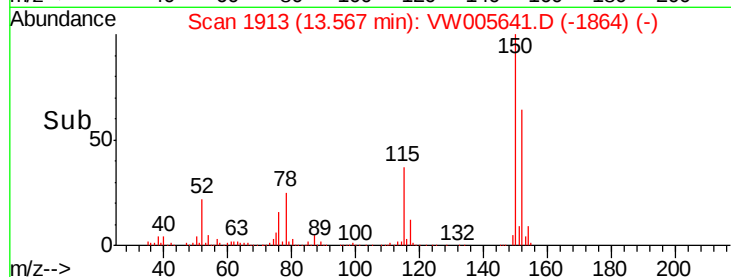
150 153.8 0.0 348.6



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: 68.075 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005641.D

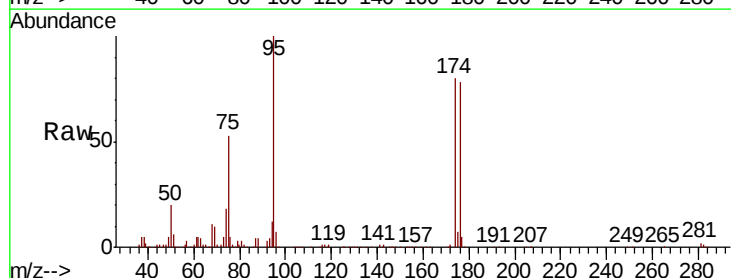
Acq: 26 Sep 2018 06:21

Tgt Ion: 75 Resp: 61202

Ion Ratio Lower Upper

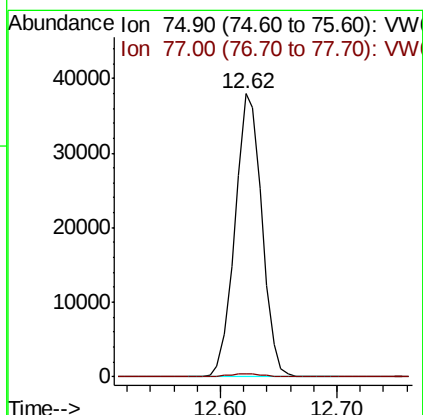
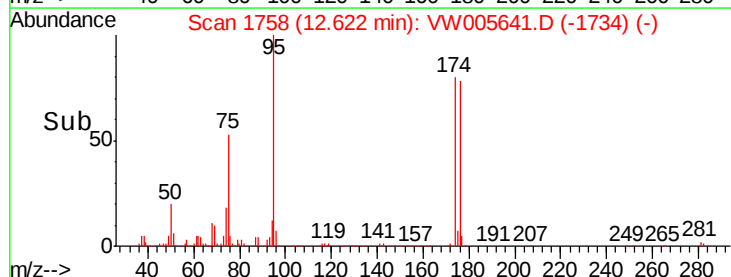
75 100

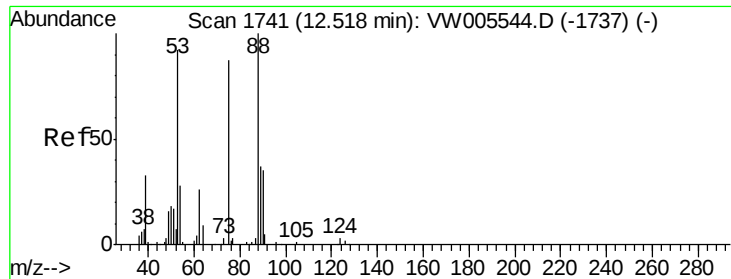
77 1.4 0.0 0.0#



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: 153.324 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005641.D

Acq: 26 Sep 2018 06:21

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-JRE

Tgt Ion: 75 Resp: 61202

Ion Ratio Lower Upper

75 100

53 0.3 85.8 128.6#

89 0.1 37.3 55.9#

