

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
 Data File : VW005638.D
 Acq On : 26 Sep 2018 05:04
 Operator : VA/AP
 Sample : J4770-13RE
 Misc : 6.19G/5ML/MSVOA_W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

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

Quant Time: Sep 26 05:54:09 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	199328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	301611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	106096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	74682	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	81885	34.87	ug/l	0.00
Spiked Amount			Recovery	=	69.74%	
35) Dibromofluoromethane	7.89	113	63322	33.39	ug/l	0.00
Spiked Amount			Recovery	=	66.78%	
50) Toluene-d8	10.33	98	57876	7.49	ug/l	0.00
Spiked Amount			Recovery	=	14.98%	
62) 4-Bromofluorobenzene	12.63	95	46176	16.16	ug/l	0.00
Spiked Amount			Recovery	=	32.32%	

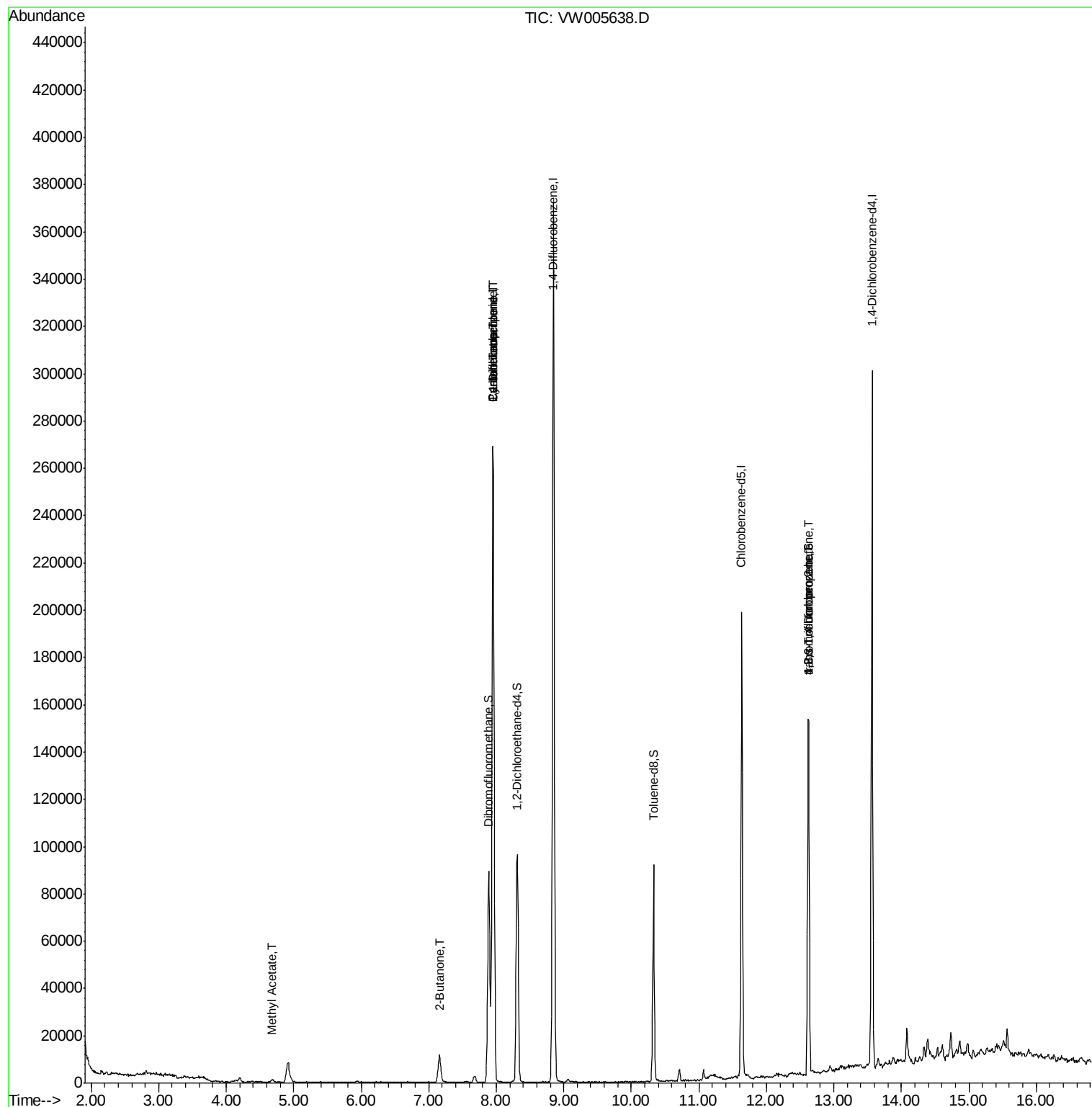
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	56	Below Cal	#	72
16) Acetone	4.16	43	1514	Below Cal		97
18) Methyl Acetate	4.68	43	2236	2.009	ug/l	95
20) Methylene Chloride	4.92	84	7214	Below Cal	#	85
25) 2-Butanone	7.16	43	725	1.271	ug/l	# 50
31) Cyclohexane	7.95	56	4478	1.230	ug/l	# 1
36) 1,1-Dichloropropene	7.95	75	15296	5.038	ug/l	# 51
38) Carbon Tetrachloride	7.95	117	19624	6.032	ug/l	# 15
76) 1,2,3-Trichloropropane	12.62	75	23600	37.071	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	23600	83.495	ug/l	# 8

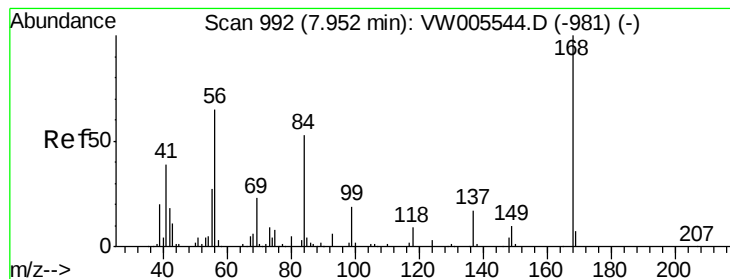
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VW005638.D

Acq: 26 Sep 2018 05:04

Instrument :

MSVOA_W

ClientSampleId :

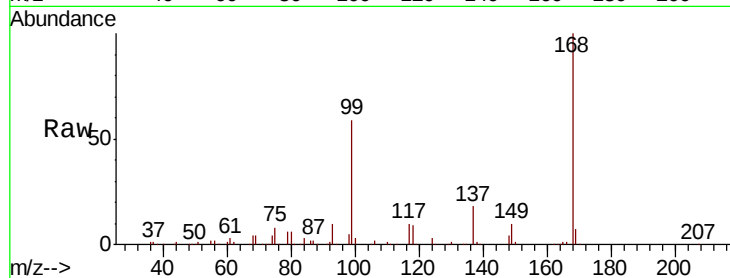
JC-02-092118-GRE

Tgt Ion:168 Resp: 199328

Ion Ratio Lower Upper

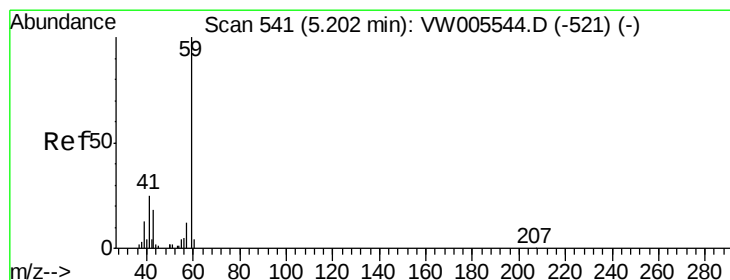
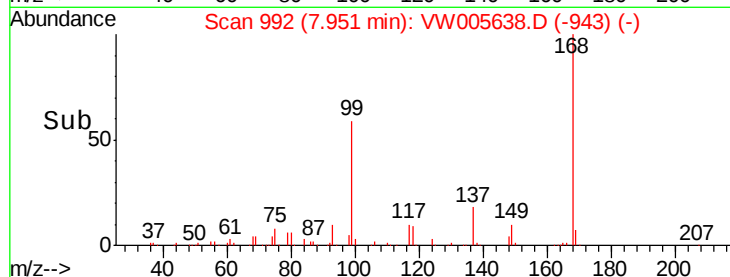
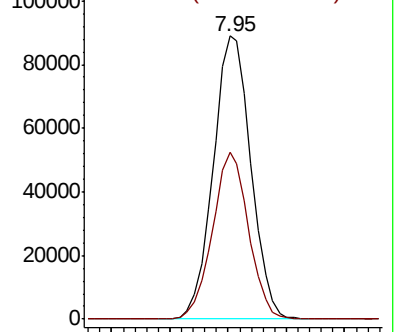
168 100

99 58.8 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: 5.19 min Scan# 539

Delta R.T. -0.01 min

Lab File: VW005638.D

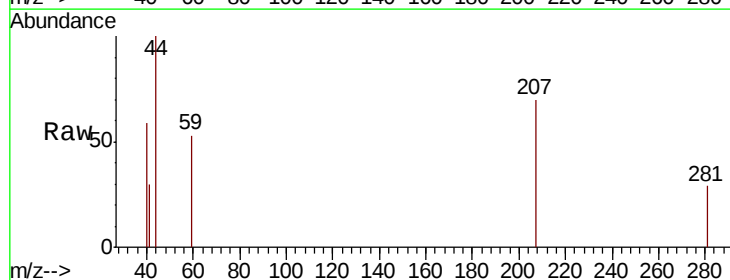
Acq: 26 Sep 2018 05:04

Tgt Ion: 59 Resp: 56

Ion Ratio Lower Upper

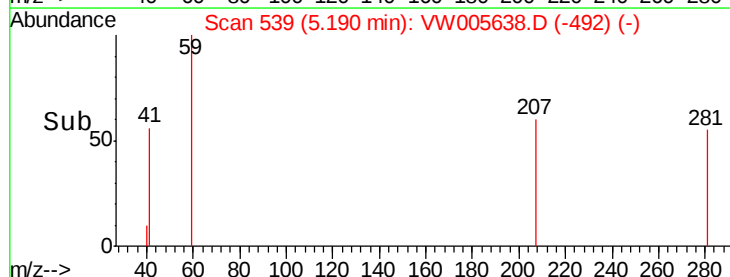
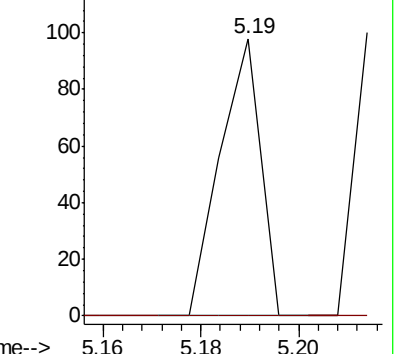
59 100

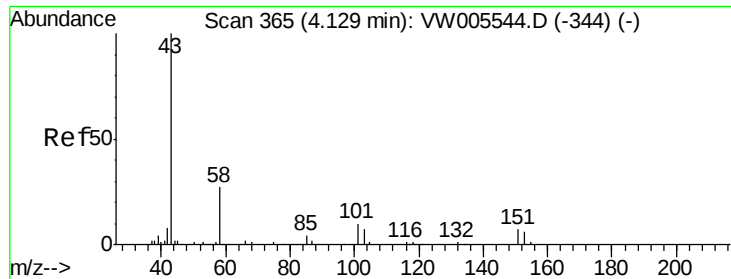
57 0.0 8.3 12.5#



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: 4.16 min Scan# 370

Delta R.T. 0.03 min

Lab File: VW005638.D

Acq: 26 Sep 2018 05:04

Instrument :

MSVOA_W

ClientSampleId :

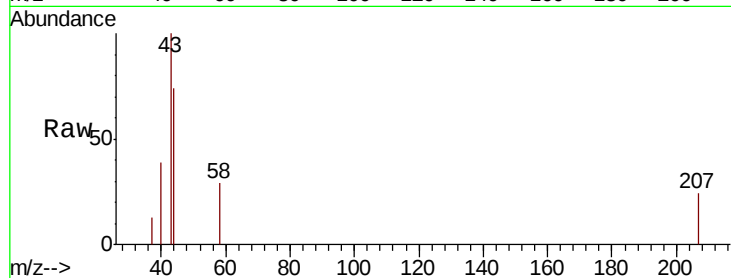
JC-02-092118-GRE

Tgt Ion: 43 Resp: 1514

Ion Ratio Lower Upper

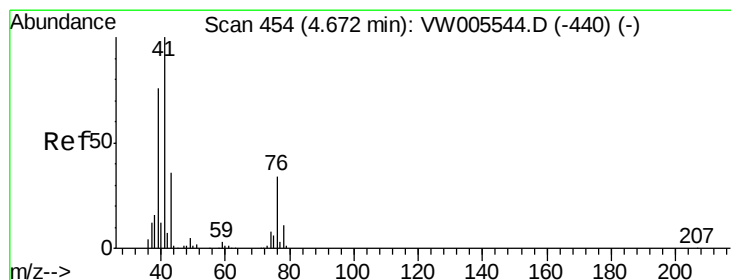
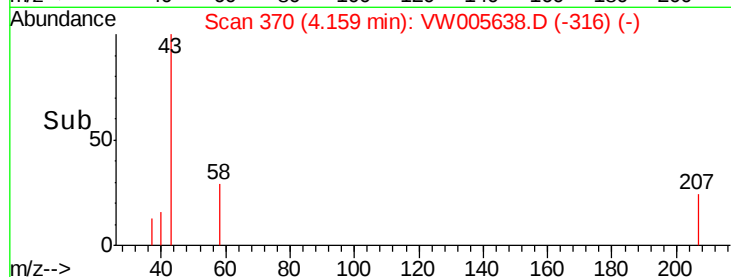
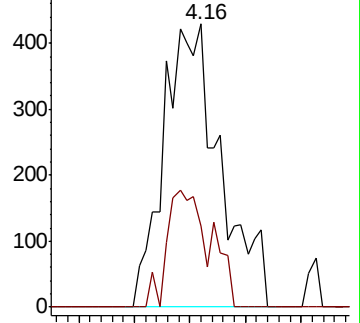
43 100

58 28.7 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 2.009 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW005638.D

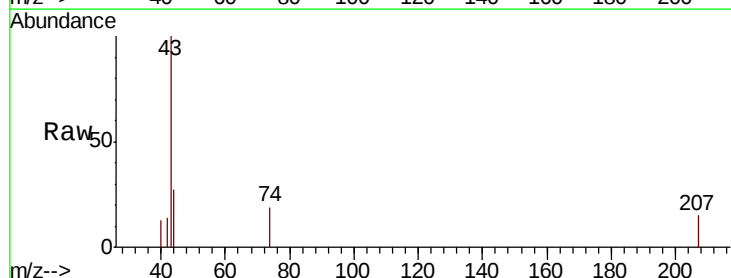
Acq: 26 Sep 2018 05:04

Tgt Ion: 43 Resp: 2236

Ion Ratio Lower Upper

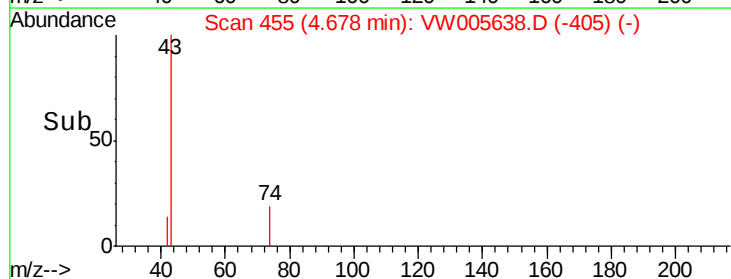
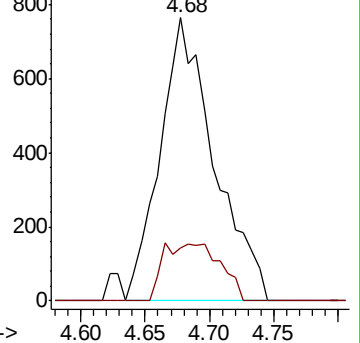
43 100

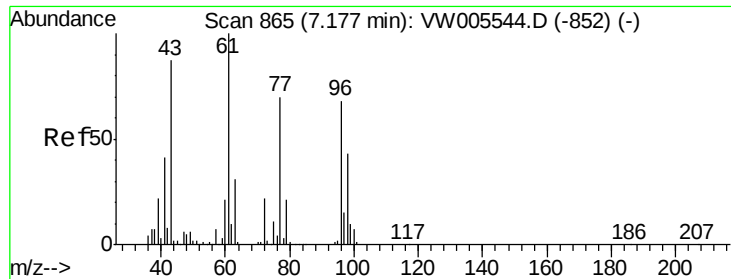
74 21.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#25

2-Butanone

Concen: 1.271 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW005638.D

Acq: 26 Sep 2018 05:04

Instrument :

MSVOA_W

ClientSampleId :

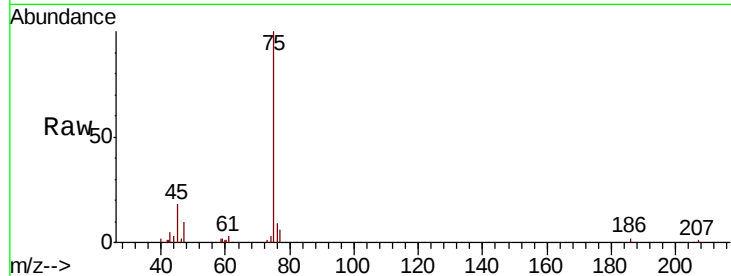
JC-02-092118-GRE

Tgt Ion: 43 Resp: 725

Ion Ratio Lower Upper

43 100

72 0.0 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

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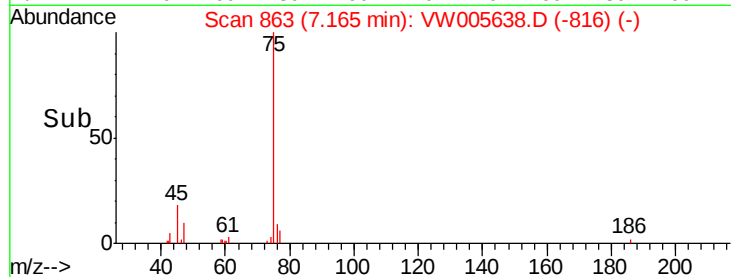
7.16

7.16

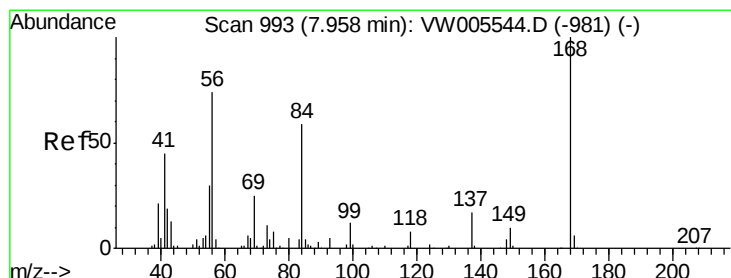
7.16

7.16

7.16



Time-->



#31

Cyclohexane

Concen: 1.230 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005638.D

Acq: 26 Sep 2018 05:04

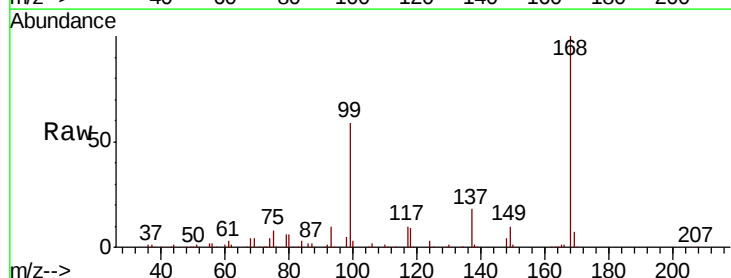
Tgt Ion: 56 Resp: 4478

Ion Ratio Lower Upper

56 100

69 174.4 27.0 40.4#

84 144.0 64.2 96.4#



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

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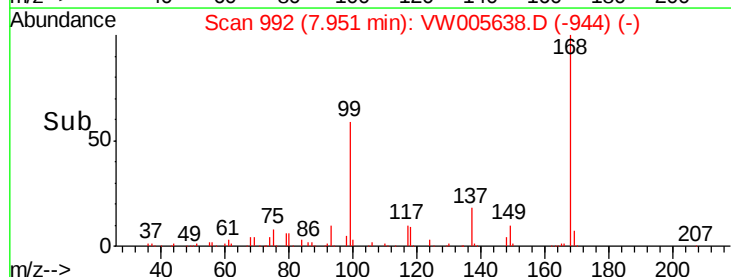
7.95

7.95

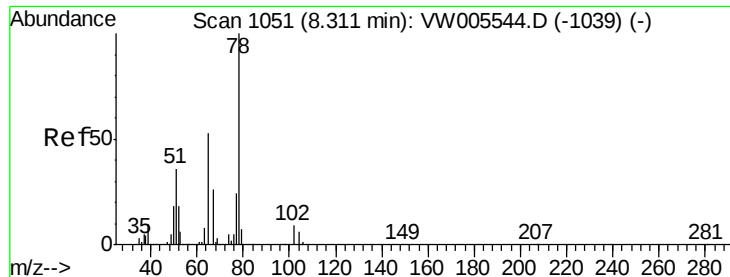
7.95

7.95

7.95



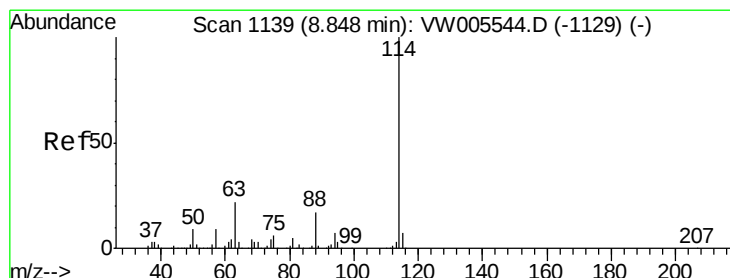
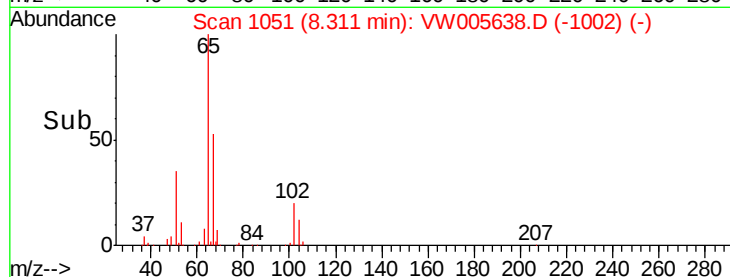
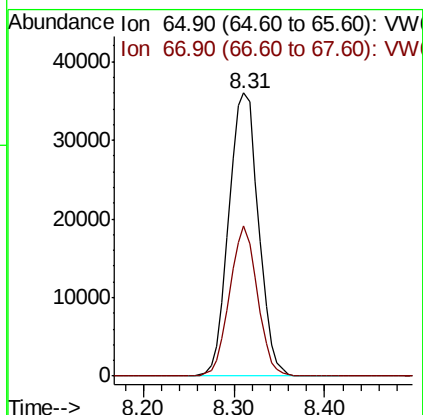
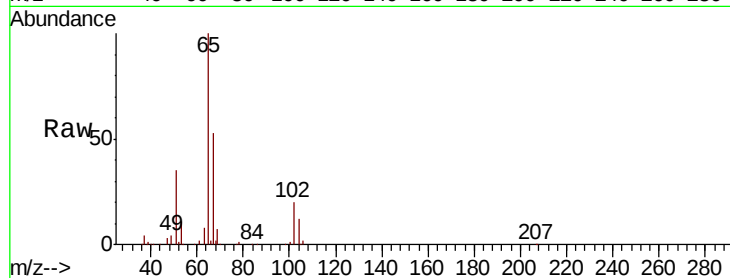
Time-->



#33
 1,2-Dichloroethane-d4
 Concen: 34.871 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005638.D
 Acq: 26 Sep 2018 05:04

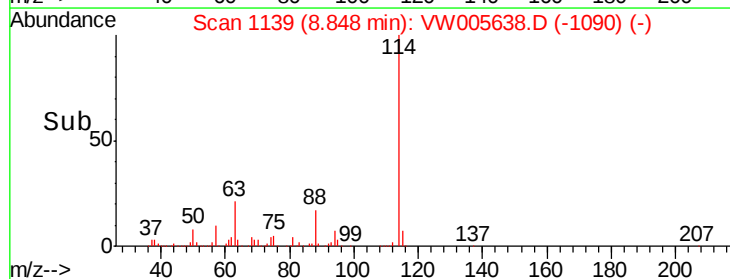
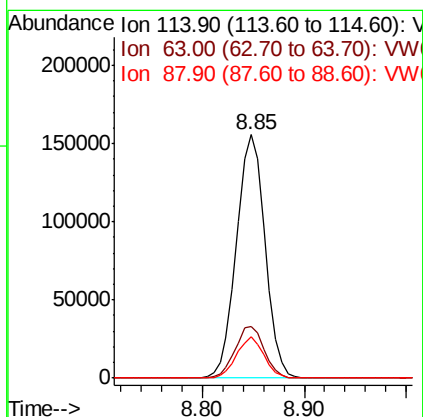
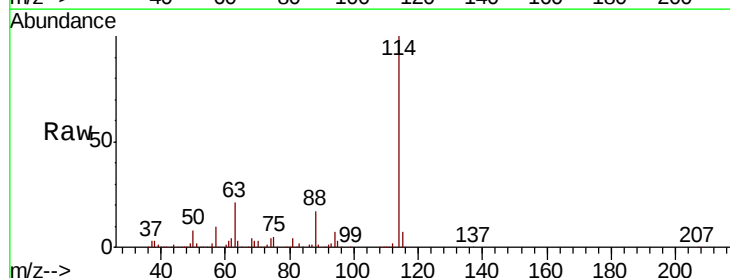
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 JC-02-092118-GRE

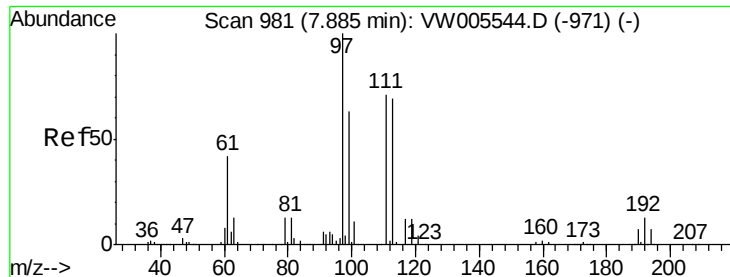
Tgt Ion: 65 Resp: 81885
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005638.D
 Acq: 26 Sep 2018 05:04

Tgt Ion: 114 Resp: 301611
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.0
 88 16.9 0.0 33.0

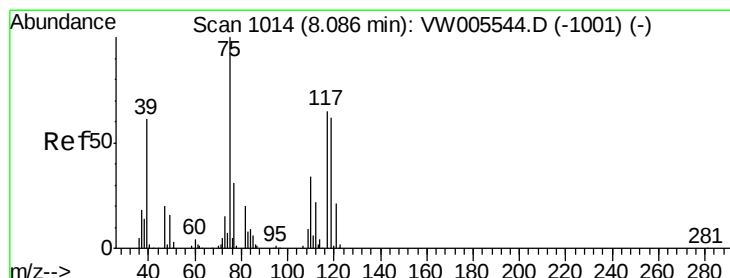
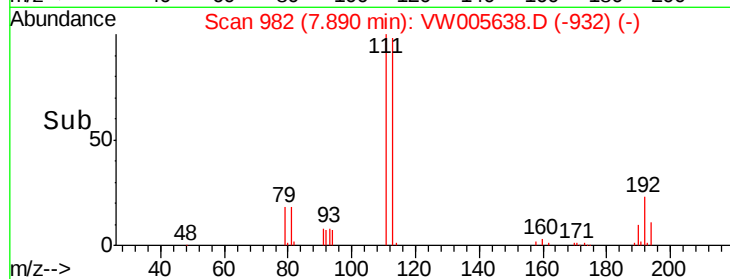
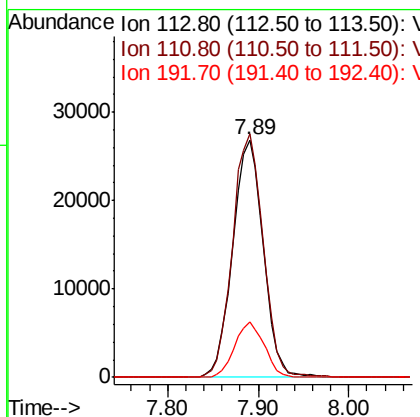
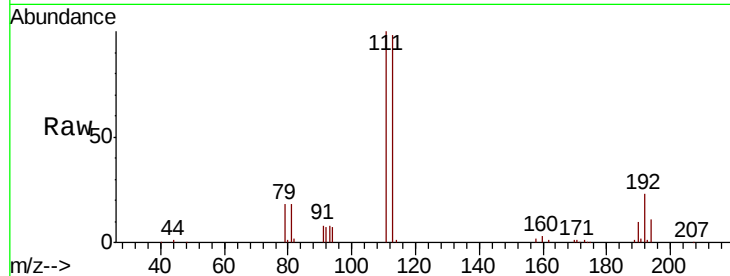




#35
 Dibromofluoromethane
 Concen: 33.385 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005638.D
 Acq: 26 Sep 2018 05:04

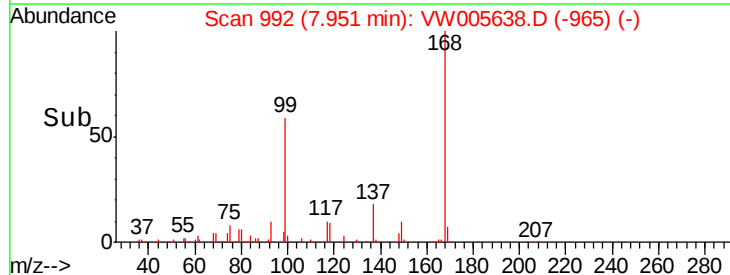
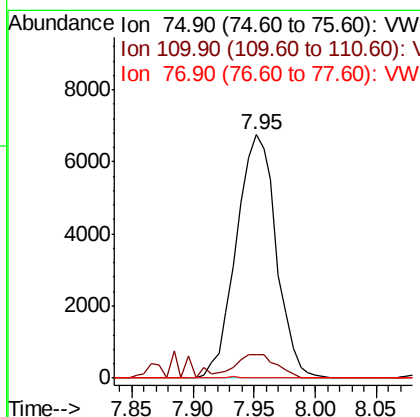
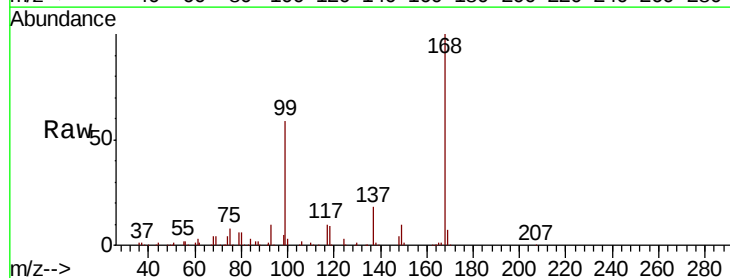
Instrument :
 MSVOA_W
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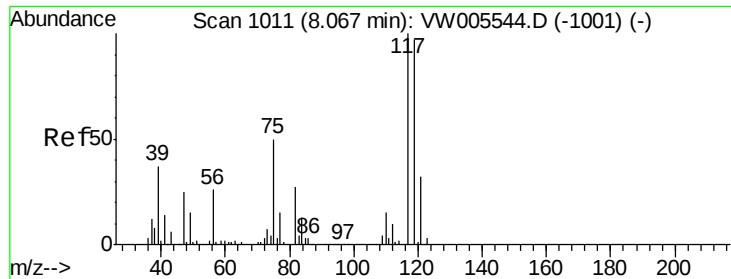
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	123.8
192	22.6	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 5.038 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005638.D
 Acq: 26 Sep 2018 05:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.0	50.9#
77	0.0	24.8	37.2#

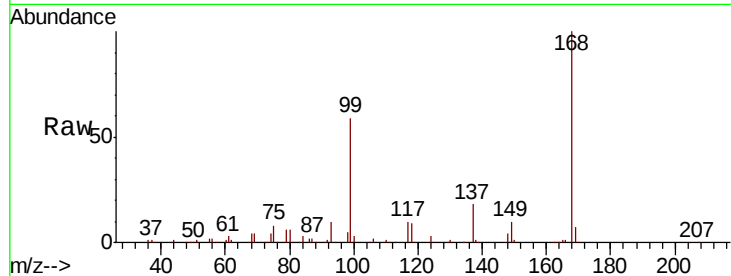




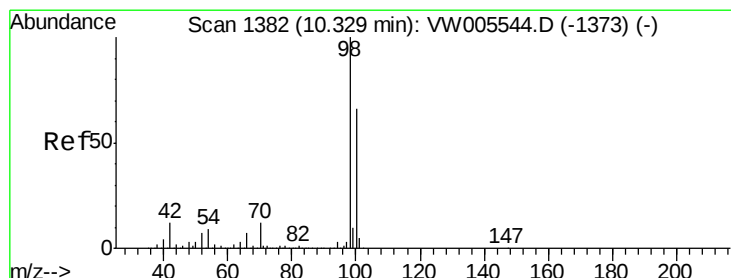
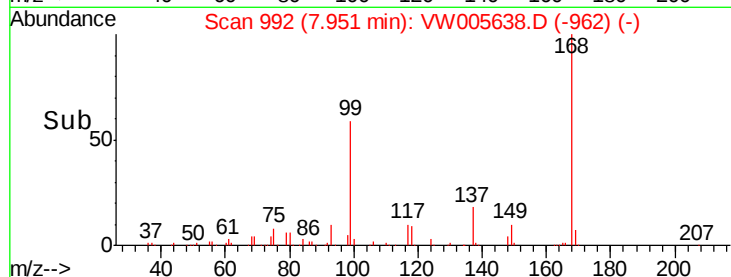
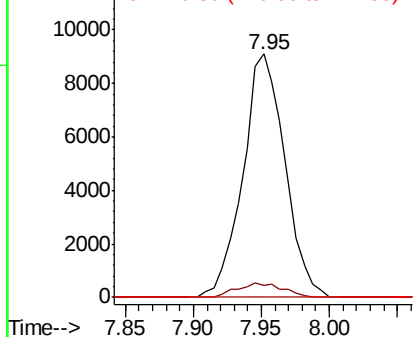
#38
Carbon Tetrachloride
Concen: 6.032 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005638.D
Acq: 26 Sep 2018 05:04

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

Tgt Ion:117 Resp: 19624
Ion Ratio Lower Upper
117 100
119 4.8 77.6 116.4#
121 0.0 25.7 38.5#

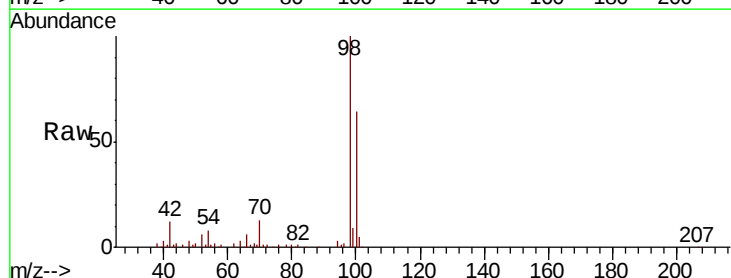


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

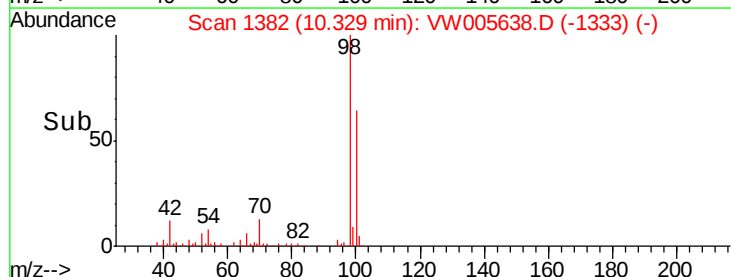
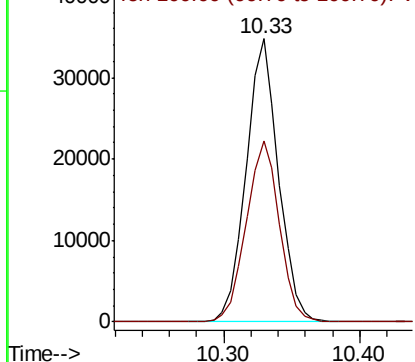


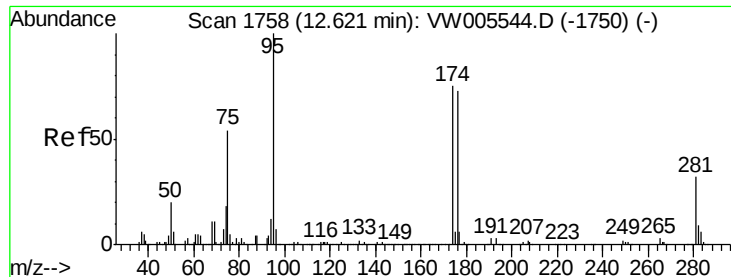
#50
Toluene-d8
Concen: 7.494 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005638.D
Acq: 26 Sep 2018 05:04

Tgt Ion: 98 Resp: 57876
Ion Ratio Lower Upper
98 100
100 65.5 51.6 77.4



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





#62

4-Bromofluorobenzene

Concen: 16.158 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005638.D

Acq: 26 Sep 2018 05:04

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-GRE

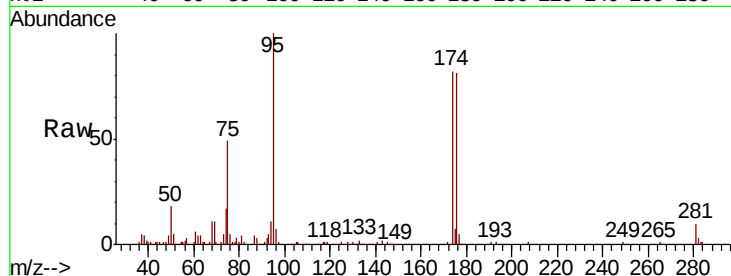
Tgt Ion: 95 Resp: 46176

Ion Ratio Lower Upper

95 100

174 84.4 0.0 163.8

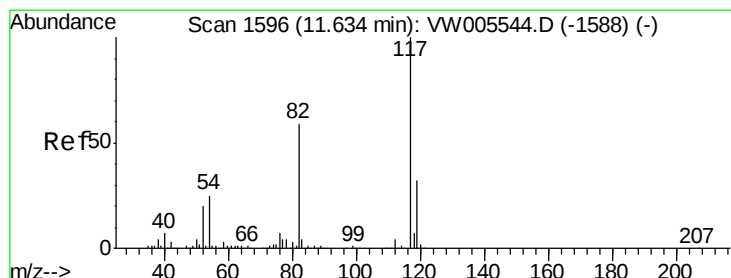
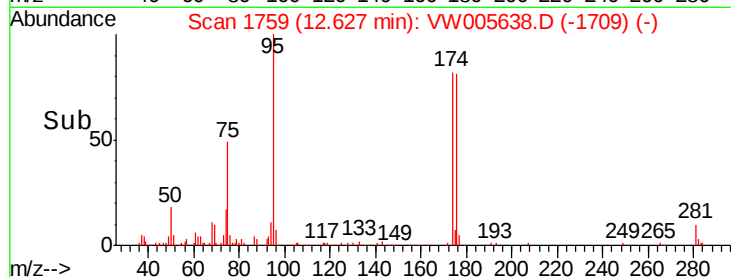
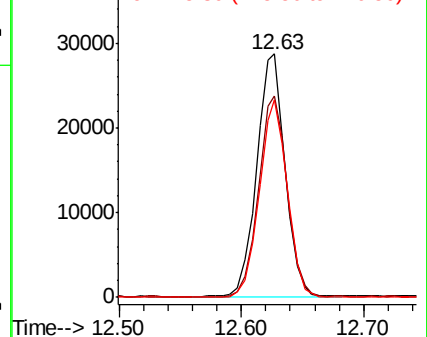
176 79.8 0.0 158.0



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: VW005638.D

Acq: 26 Sep 2018 05:04

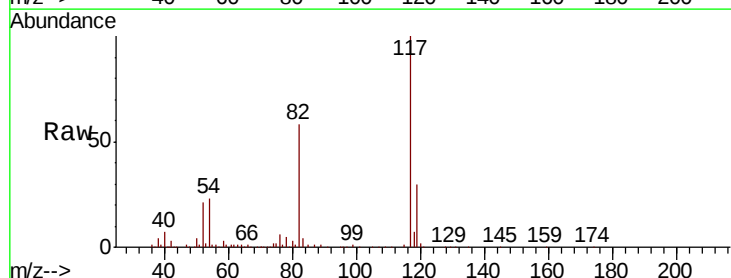
Tgt Ion: 117 Resp: 106096

Ion Ratio Lower Upper

117 100

82 58.0 46.9 70.3

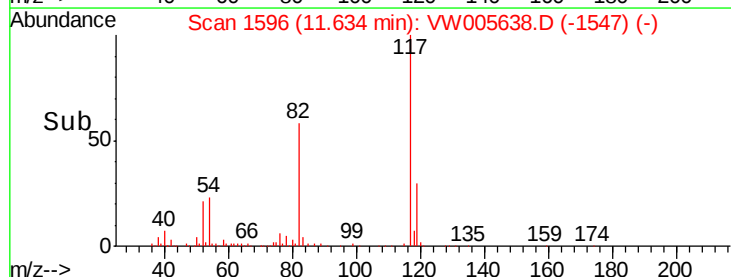
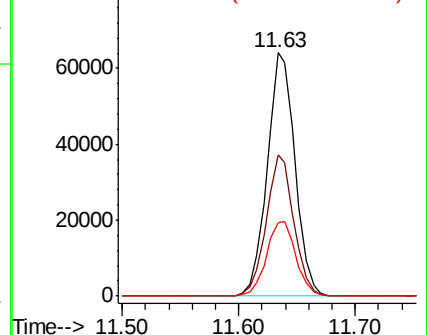
119 29.8 25.7 38.5

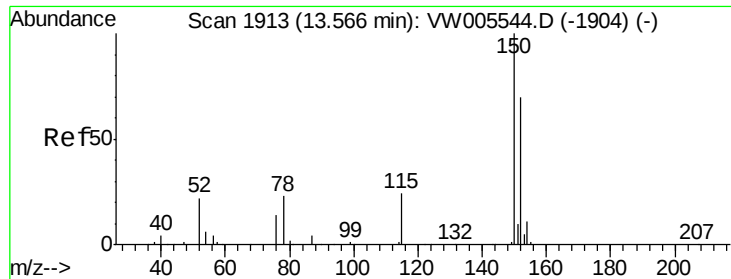


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



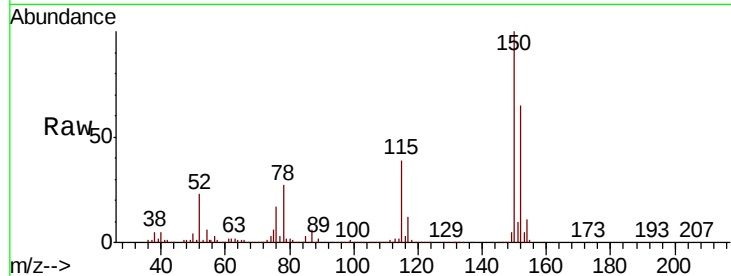


#72

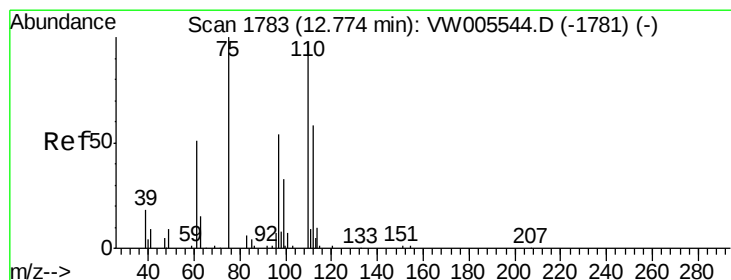
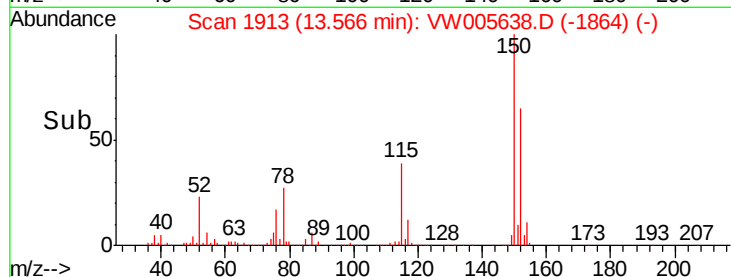
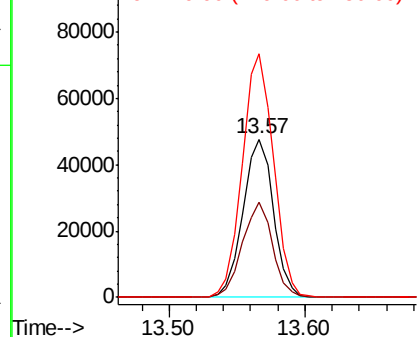
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005638.D
Acq: 26 Sep 2018 05:04

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

Tgt Ion:152 Resp: 74682
Ion Ratio Lower Upper
152 100
115 59.7 30.0 90.0
150 157.4 0.0 348.6



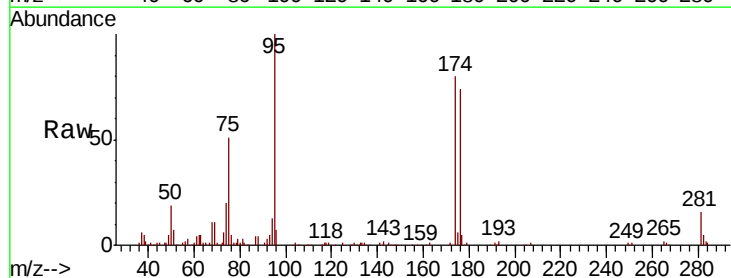
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



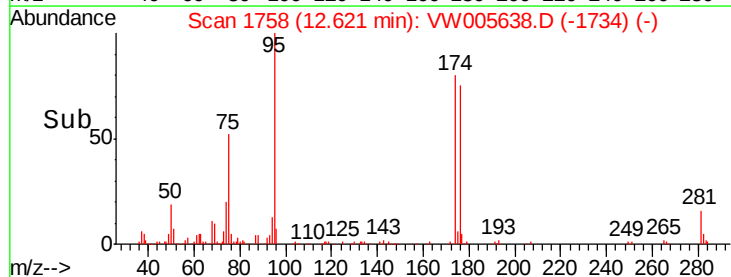
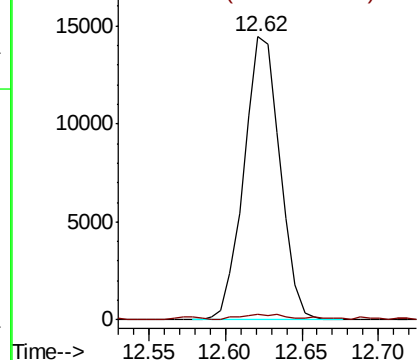
#76

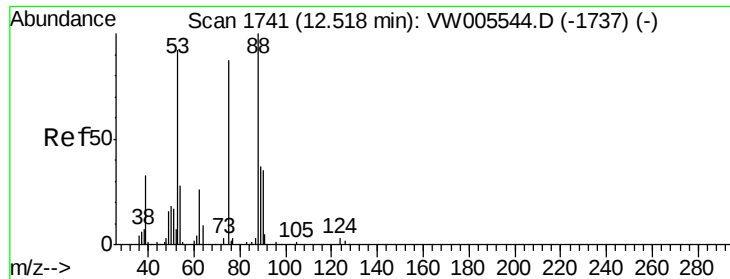
1,2,3-Trichloropropane
Concen: 37.071 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005638.D
Acq: 26 Sep 2018 05:04

Tgt Ion: 75 Resp: 23600
Ion Ratio Lower Upper
75 100
77 2.7 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: 83.495 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005638.D

Acq: 26 Sep 2018 05:04

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-GRE

Tgt Ion: 75 Resp: 23600

Ion Ratio Lower Upper

75 100

53 0.8 85.8 128.6#

89 0.2 37.3 55.9#

