

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
 Data File : VW005635.D
 Acq On : 26 Sep 2018 03:47
 Operator : VA/AP
 Sample : J4770-07RE
 Misc : 5.74G/5ML/MSVOA_W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

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

Quant Time: Sep 26 05:53:43 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	168890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	260105	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	160532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	40335	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	76496	38.45	ug/l	0.00
Spiked Amount						
			Recovery	=	76.90%	
35) Dibromofluoromethane	7.89	113	61666	37.70	ug/l	0.00
Spiked Amount						
			Recovery	=	75.40%	
50) Toluene-d8	10.33	98	126894	19.05	ug/l	0.00
Spiked Amount						
			Recovery	=	38.10%	
62) 4-Bromofluorobenzene	12.62	95	30001	12.17	ug/l	0.00
Spiked Amount						
			Recovery	=	24.34%	

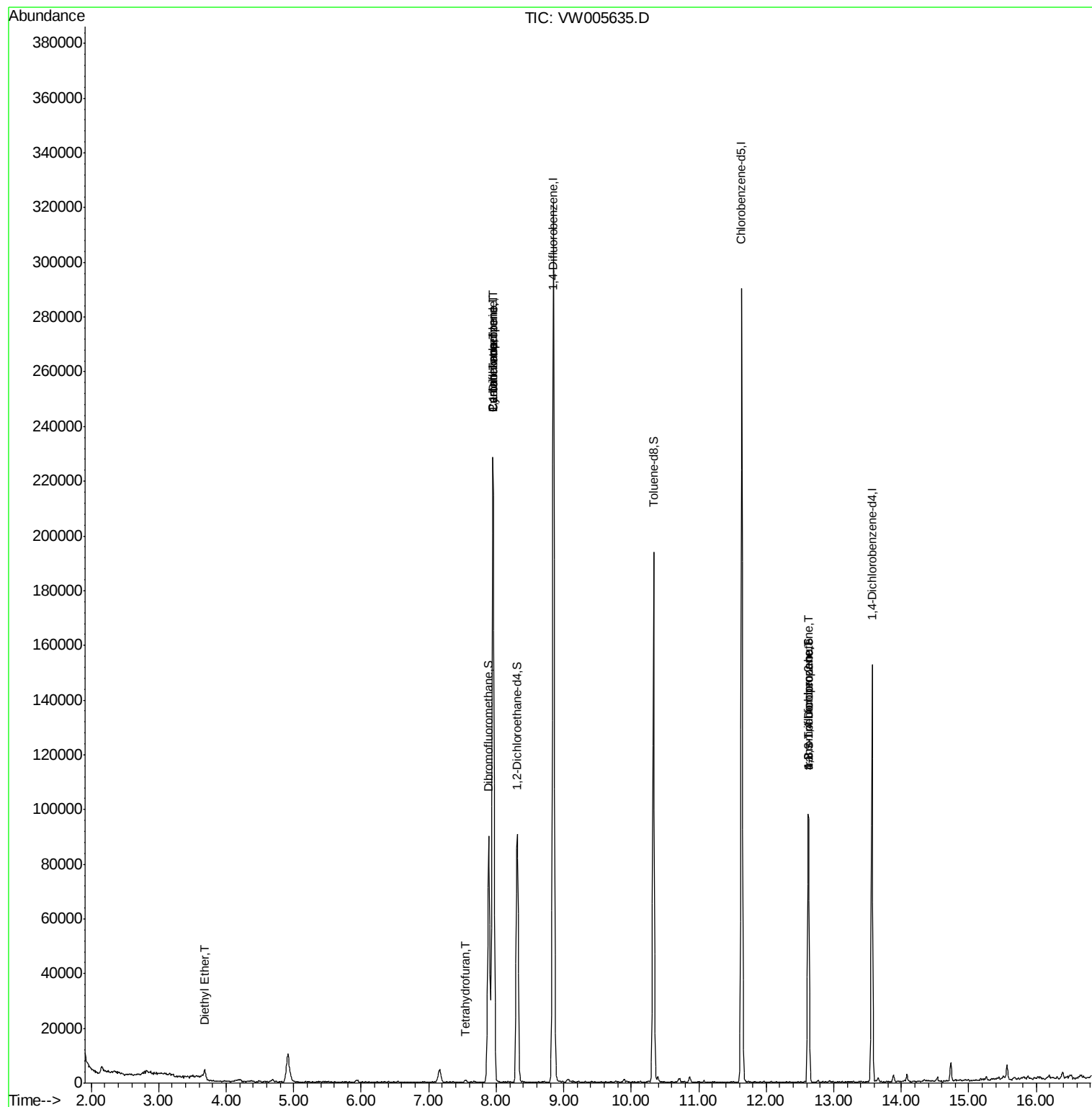
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1996	2.407	ug/l	87
13) Acrolein	3.61	56	38	Below Cal	#	13
16) Acetone	4.15	43	1010	Below Cal		99
29) Tetrahydrofuran	7.54	42	326	1.080	ug/l #	56
31) Cyclohexane	7.95	56	3778	1.225	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	13216	5.047	ug/l #	51
38) Carbon Tetrachloride	7.95	117	16414	5.850	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	15983	46.485	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	15983	104.699	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: VW005635.D

Acq: 26 Sep 2018 03:47

Instrument :

MSVOA_W

ClientSampleId :

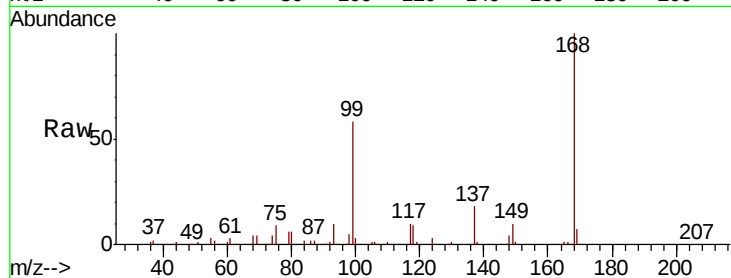
JC-02-092118-DRE

Tgt Ion:168 Resp: 168890

Ion Ratio Lower Upper

168 100

99 58.4 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

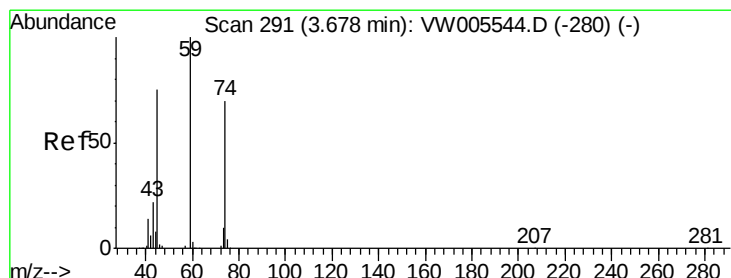
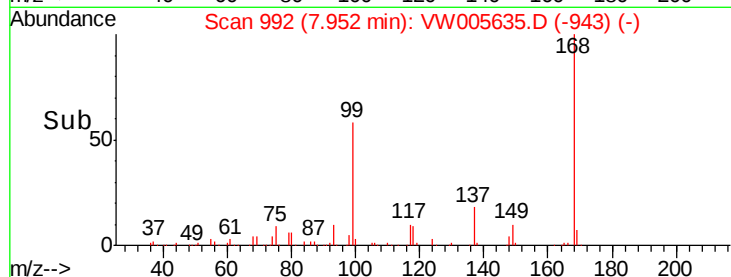
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 2.407 ug/l

RT: 3.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VW005635.D

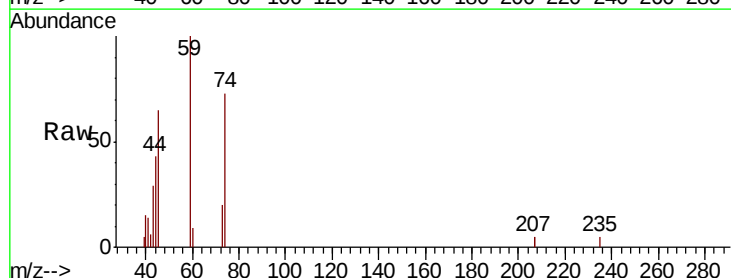
Acq: 26 Sep 2018 03:47

Tgt Ion: 74 Resp: 1996

Ion Ratio Lower Upper

74 100

45 116.9 51.7 155.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

1000

800

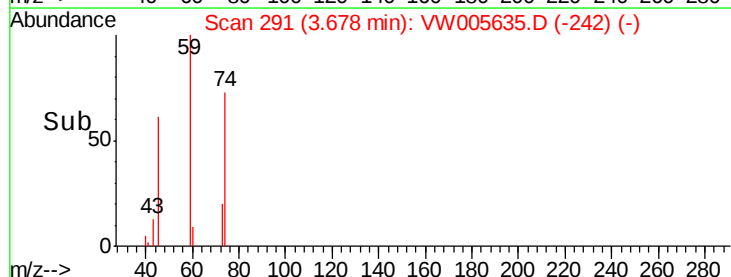
600

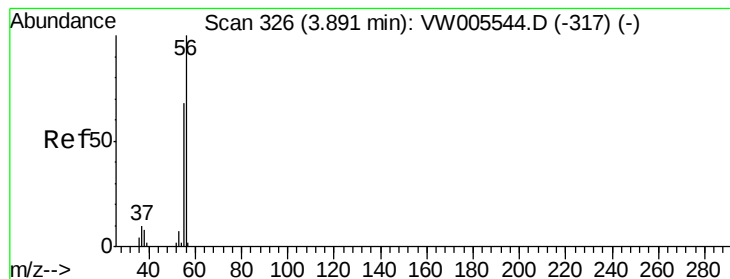
400

200

0

Time--> 3.60 3.65 3.70 3.75





#13

Acrolein

Concen: Below Cal

RT: 3.61 min Scan# 280

Delta R.T. -0.28 min

Lab File: VW005635.D

Acq: 26 Sep 2018 03:47

Instrument :

MSVOA_W

ClientSampleId :

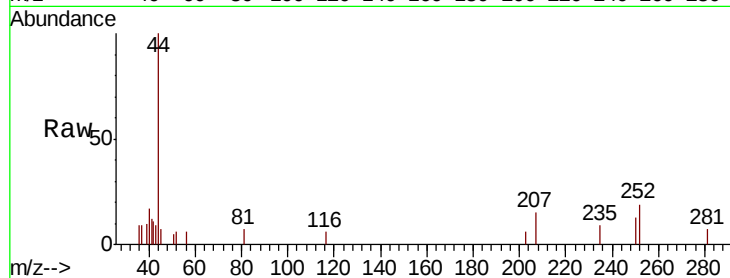
JC-02-092118-DRE

Tgt Ion: 56 Resp: 38

Ion Ratio Lower Upper

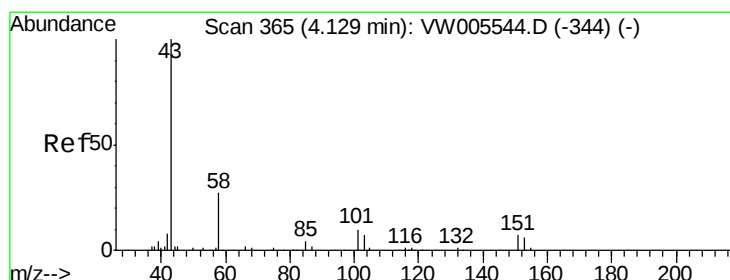
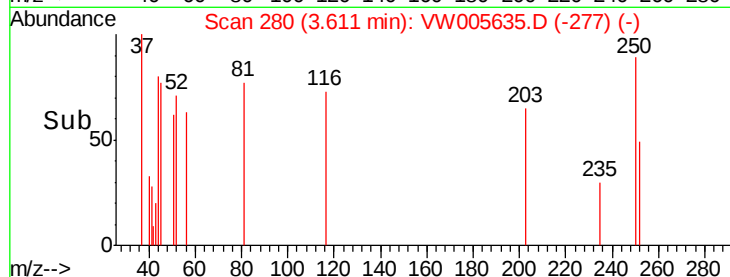
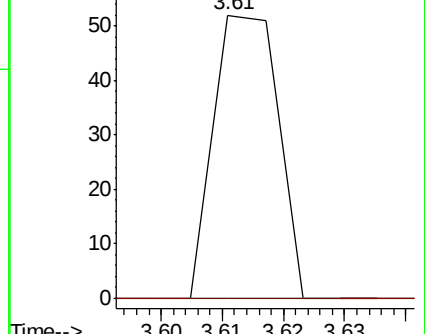
56 100

55 0.0 57.8 86.8#



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# 368

Delta R.T. 0.02 min

Lab File: VW005635.D

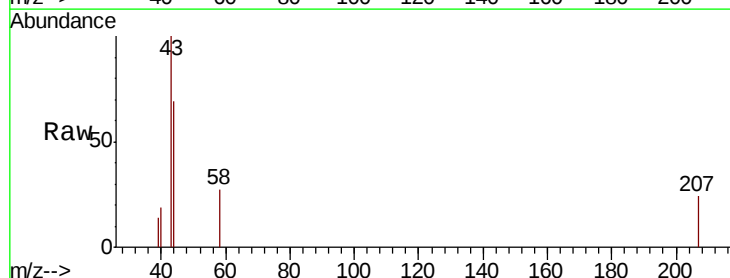
Acq: 26 Sep 2018 03:47

Tgt Ion: 43 Resp: 1010

Ion Ratio Lower Upper

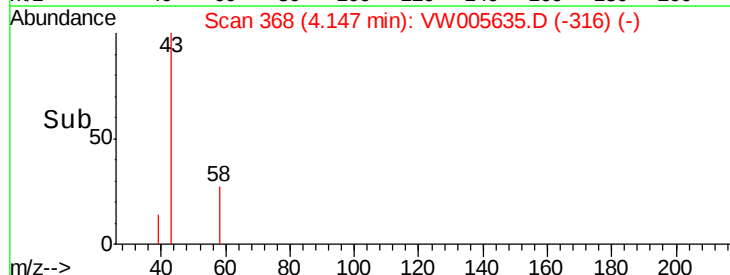
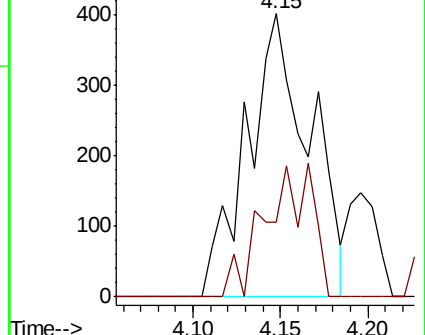
43 100

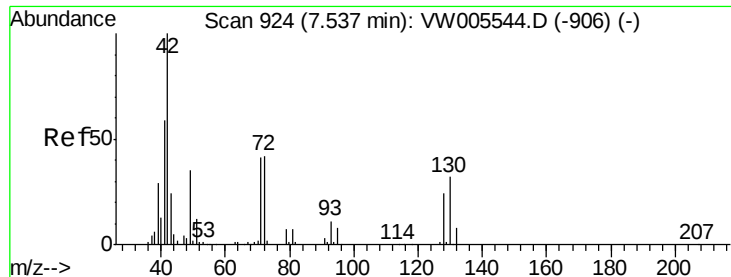
58 26.6 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

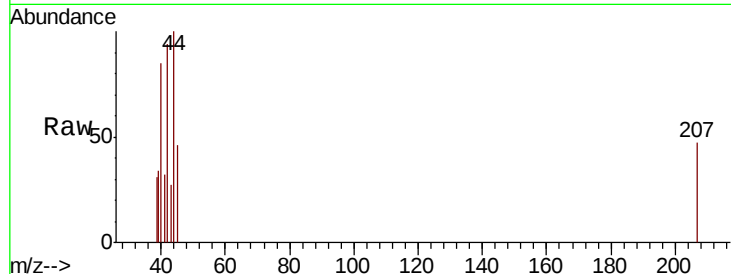




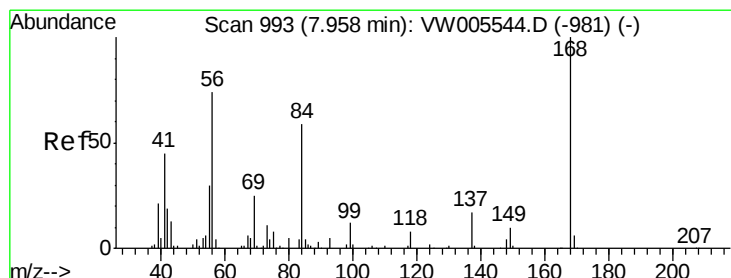
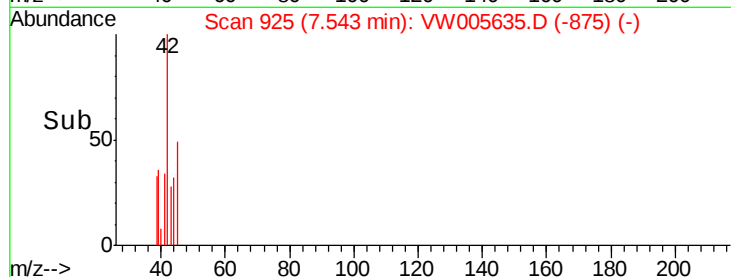
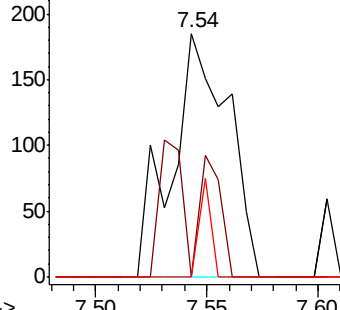
#29
Tetrahydrofuran
Concen: 1.080 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005635.D
Acq: 26 Sep 2018 03:47

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

Tgt Ion: 42 Resp: 326
Ion Ratio Lower Upper
42 100
72 18.7 33.6 50.4#
71 8.3 31.8 47.6#

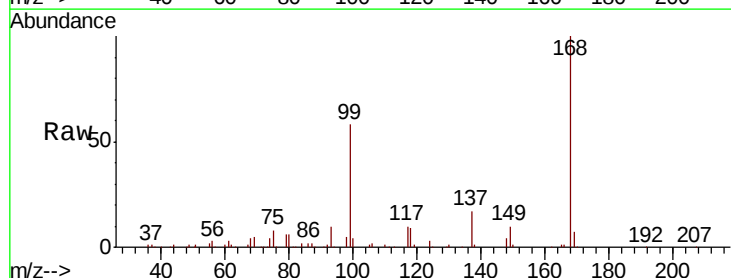


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

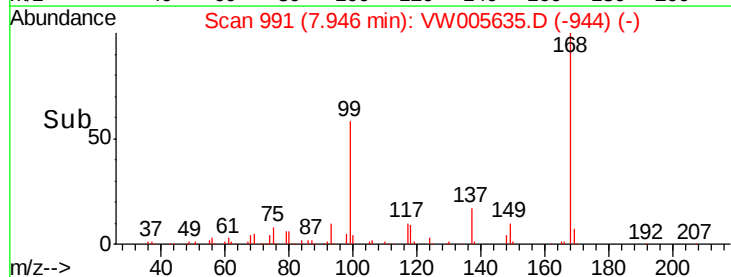
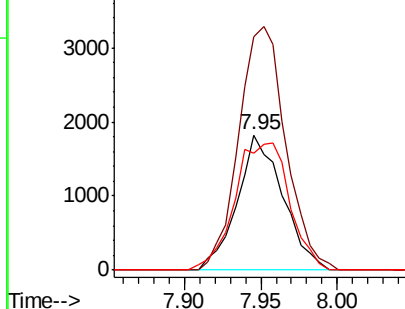


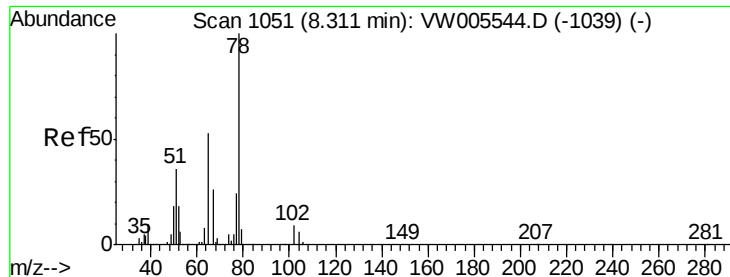
#31
Cyclohexane
Concen: 1.225 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW005635.D
Acq: 26 Sep 2018 03:47

Tgt Ion: 56 Resp: 3778
Ion Ratio Lower Upper
56 100
69 173.0 27.0 40.4#
84 86.6 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





#33

1,2-Dichloroethane-d4

Concen: 38.447 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005635.D

Acq: 26 Sep 2018 03:47

Instrument :

MSVOA_W

ClientSampleId :

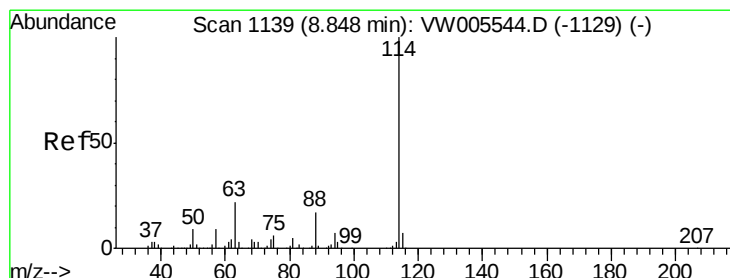
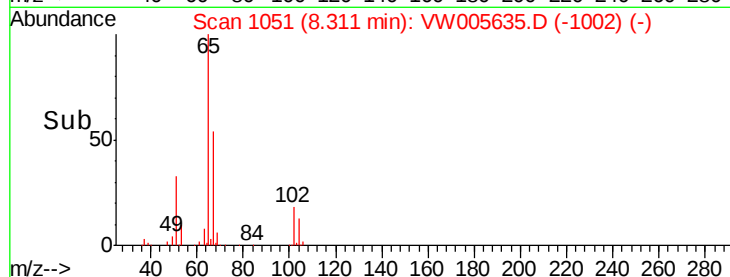
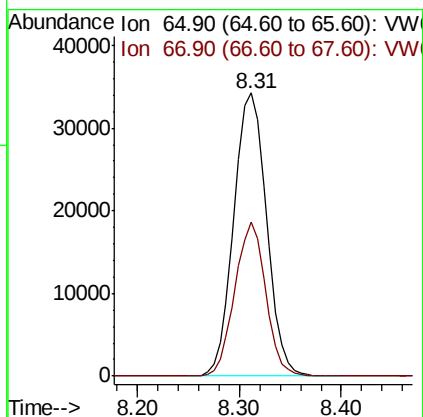
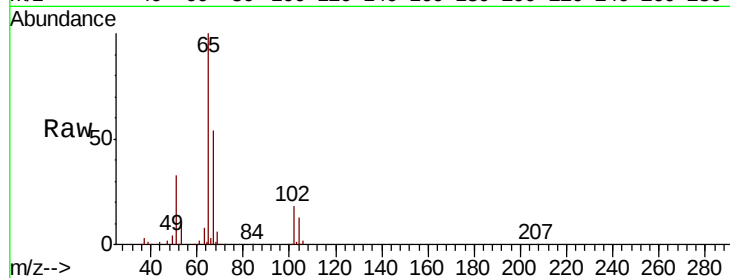
JC-02-092118-DRE

Tgt Ion: 65 Resp: 76496

Ion Ratio Lower Upper

65 100

67 51.0 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: VW005635.D

Acq: 26 Sep 2018 03:47

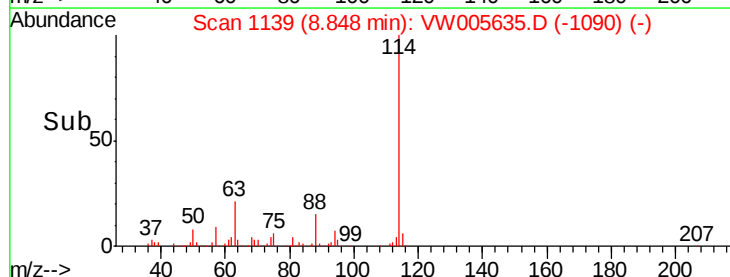
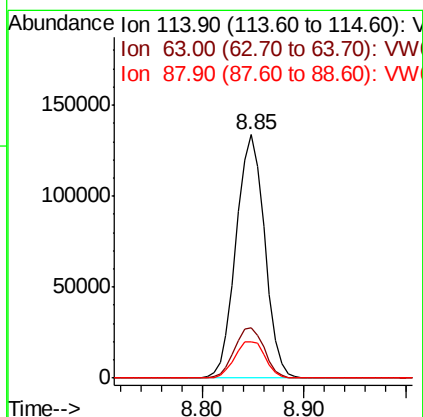
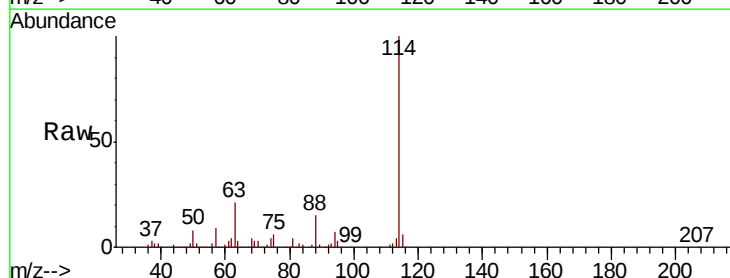
Tgt Ion: 114 Resp: 260105

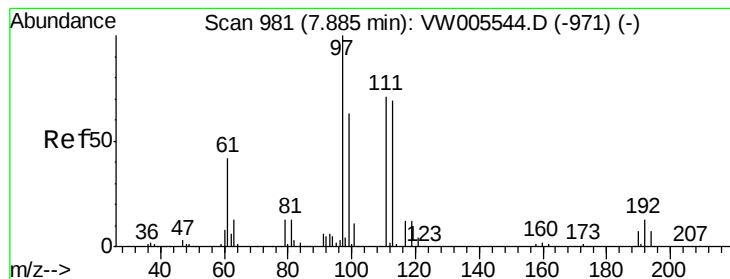
Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.0

88 15.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 37.700 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005635.D

Acq: 26 Sep 2018 03:47

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-DRE

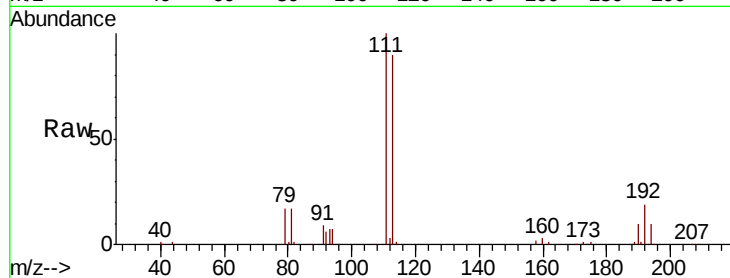
Tgt Ion:113 Resp: 61666

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

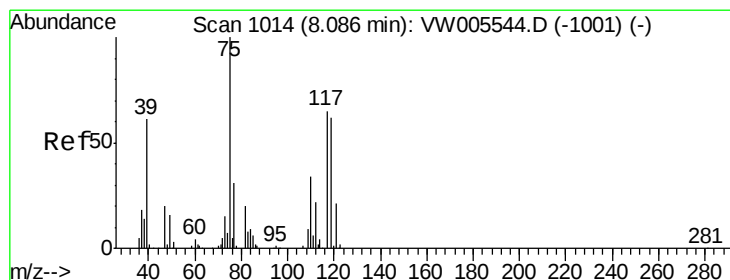
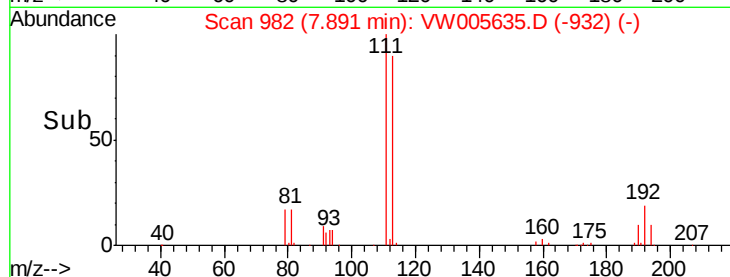
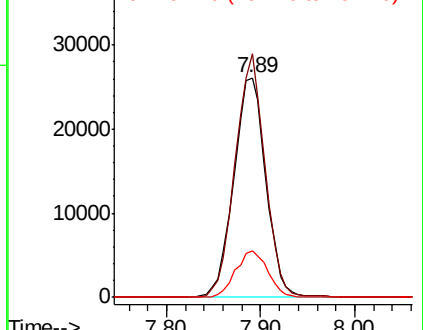
192 21.1 17.0 25.4



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: 5.047 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW005635.D

Acq: 26 Sep 2018 03:47

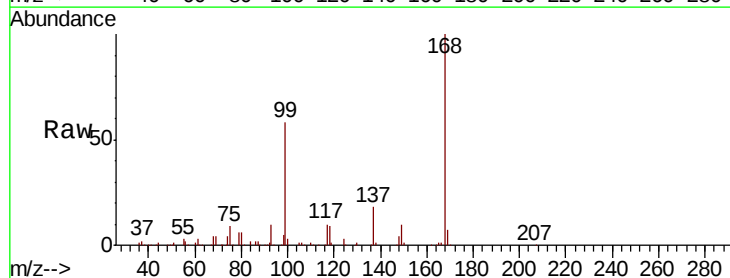
Tgt Ion: 75 Resp: 13216

Ion Ratio Lower Upper

75 100

110 9.4 17.0 50.9#

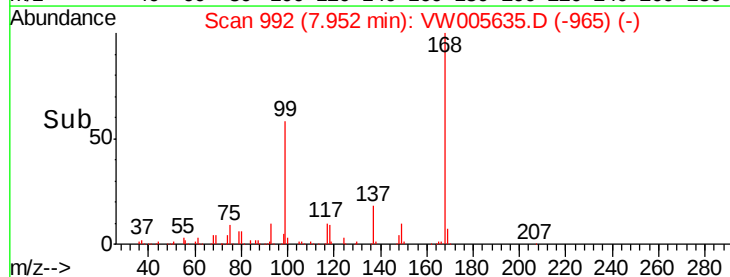
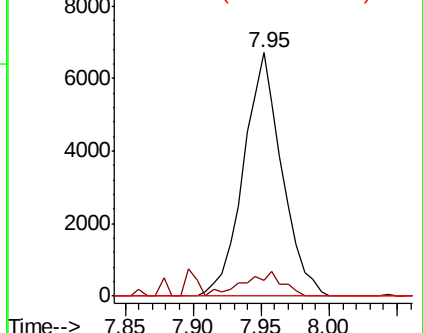
77 0.0 24.8 37.2#

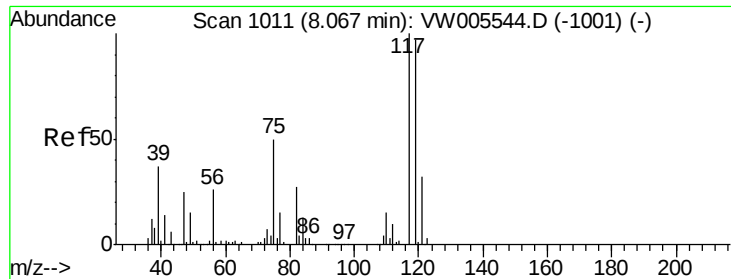


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

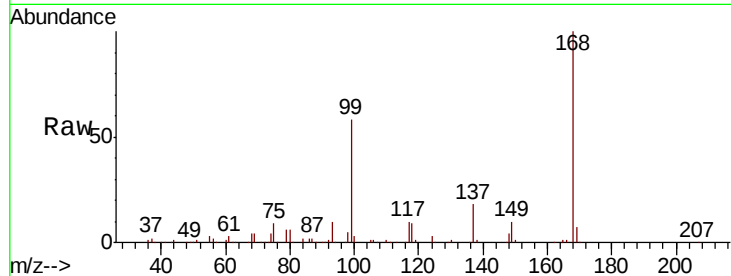




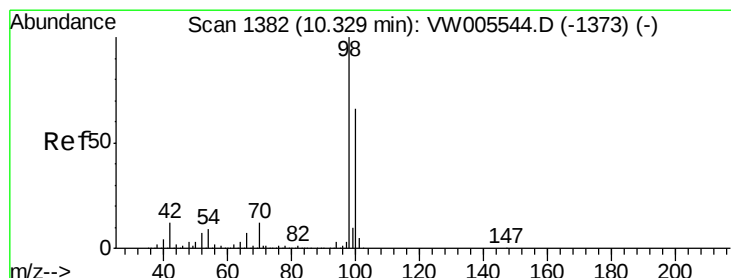
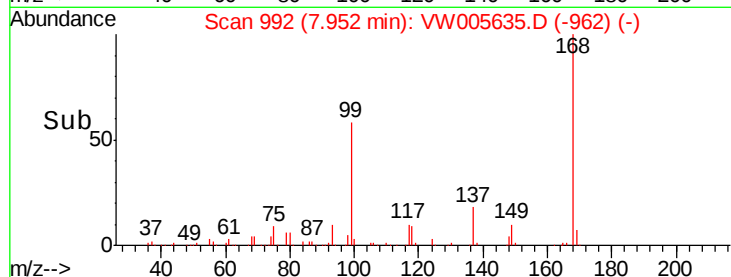
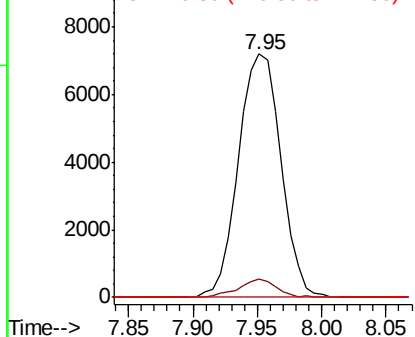
#38
Carbon Tetrachloride
Concen: 5.850 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005635.D
Acq: 26 Sep 2018 03:47

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

Tgt Ion:117 Resp: 16414
Ion Ratio Lower Upper
117 100
119 7.4 77.6 116.4#
121 0.0 25.7 38.5#

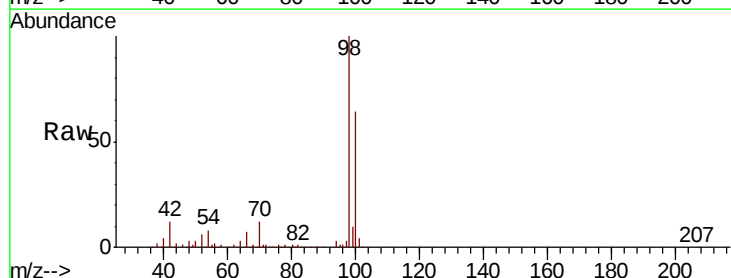


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

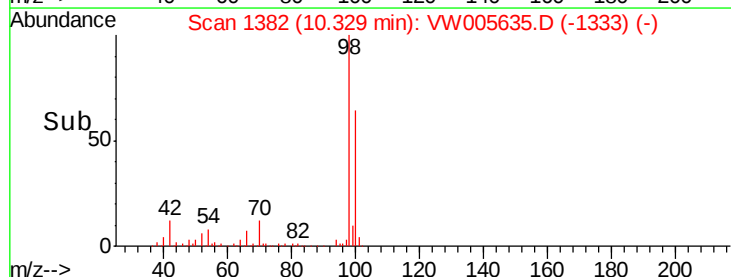
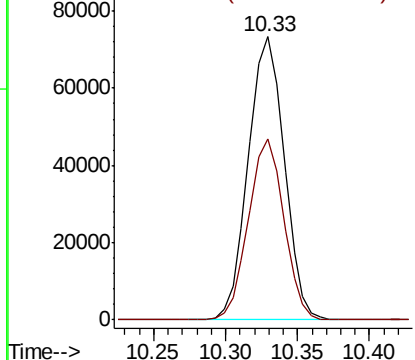


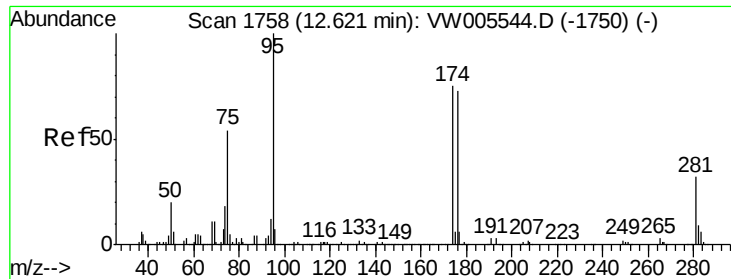
#50
Toluene-d8
Concen: 19.053 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005635.D
Acq: 26 Sep 2018 03:47

Tgt Ion: 98 Resp: 126894
Ion Ratio Lower Upper
98 100
100 63.0 51.6 77.4



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

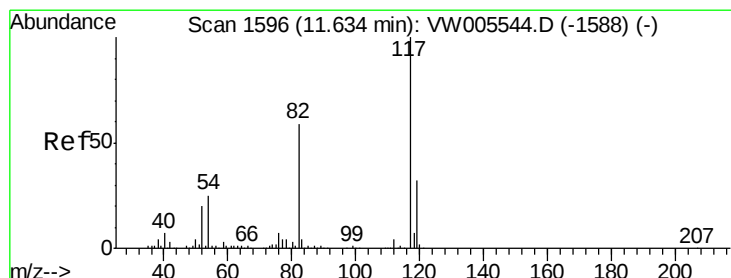
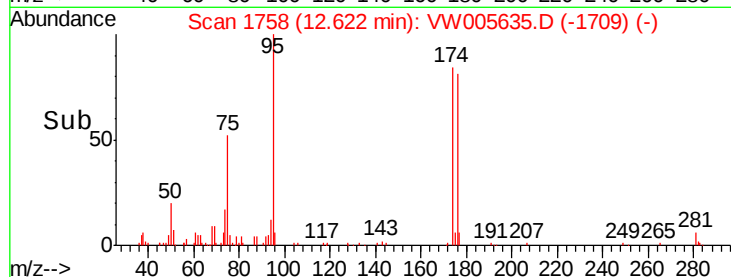
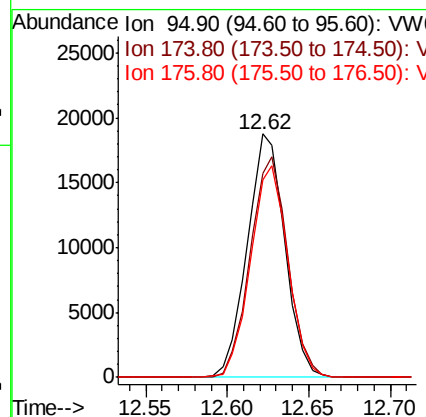
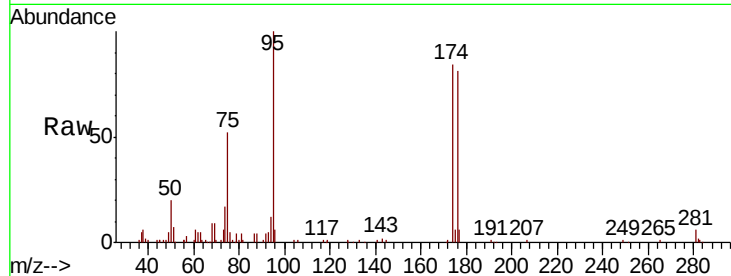




#62
4-Bromofluorobenzene
Concen: 12.174 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005635.D
Acq: 26 Sep 2018 03:47

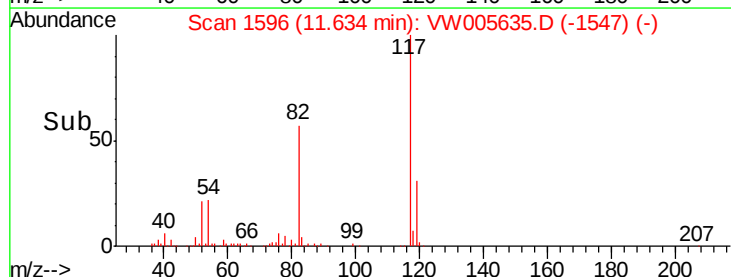
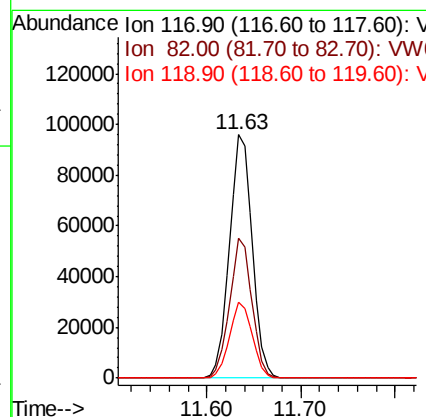
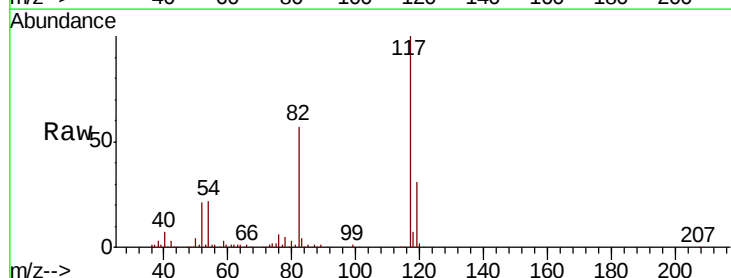
Instrument :
MSVOA_W
ClientSampleId :
JC-02-092118-DRE

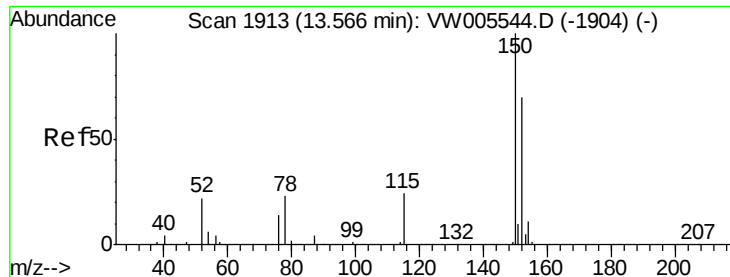
Tgt Ion: 95 Resp: 30001
Ion Ratio Lower Upper
95 100
174 90.8 0.0 163.8
176 86.7 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005635.D
Acq: 26 Sep 2018 03:47

Tgt Ion: 117 Resp: 160532
Ion Ratio Lower Upper
117 100
82 57.2 46.9 70.3
119 30.9 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: VW005635.D

Acq: 26 Sep 2018 03:47

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-DRE

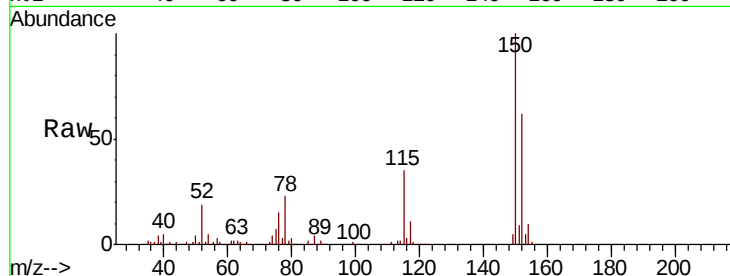
Tgt Ion:152 Resp: 40335

Ion Ratio Lower Upper

152 100

115 58.2 30.0 90.0

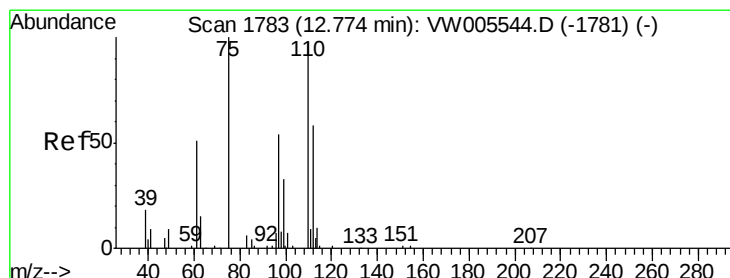
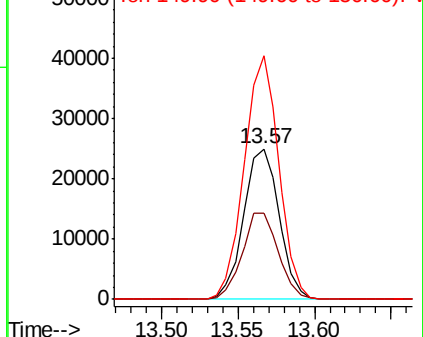
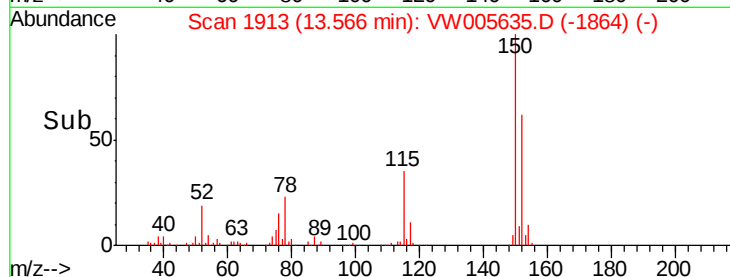
150 157.5 0.0 348.6



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: 46.485 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005635.D

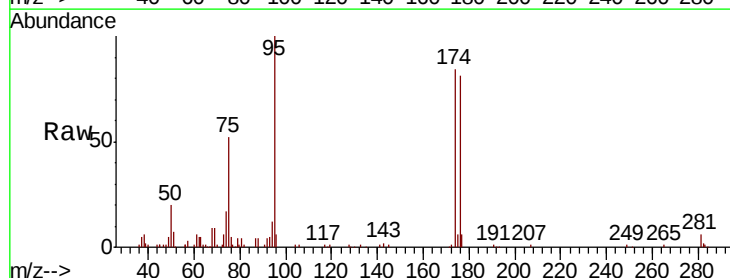
Acq: 26 Sep 2018 03:47

Tgt Ion: 75 Resp: 15983

Ion Ratio Lower Upper

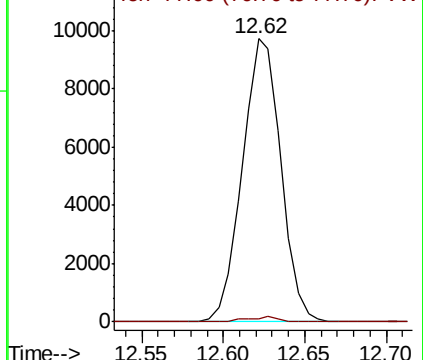
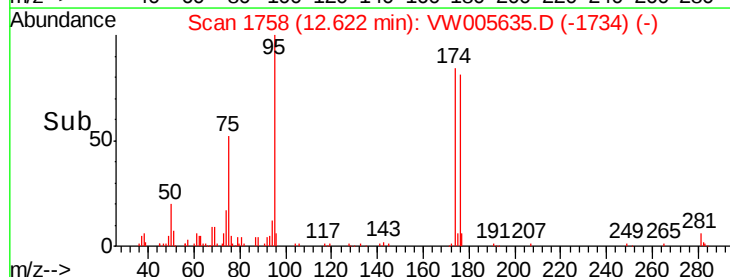
75 100

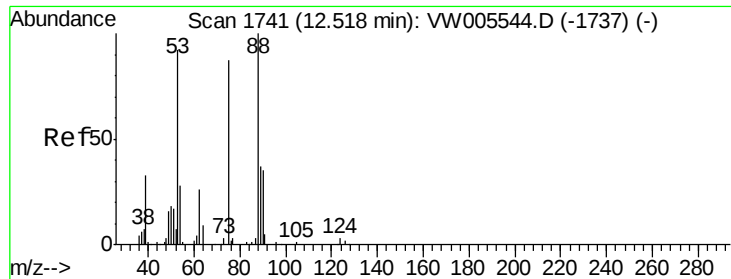
77 1.4 0.0 0.0#



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: 104.699 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005635.D

Acq: 26 Sep 2018 03:47

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-DRE

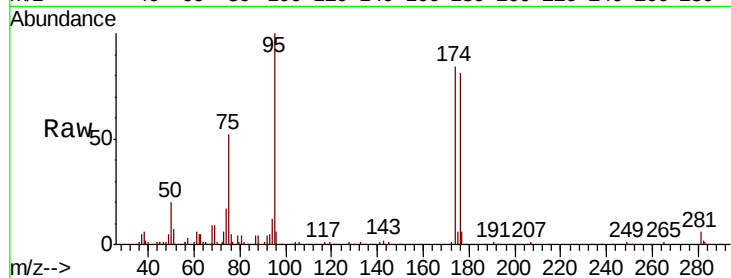
Tgt Ion: 75 Resp: 15983

Ion Ratio Lower Upper

75 100

53 0.0 85.8 128.6#

89 0.0 37.3 55.9#



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

