

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
 Data File : VW005632.D
 Acq On : 26 Sep 2018 02:29
 Operator : VA/AP
 Sample : J4770-01RE
 Misc : 6.68G/5ML/MSVOA_W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Sep 26 05:53:19 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	205413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	344175	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	252861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	88443	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	85140	35.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.36%	
35) Dibromofluoromethane	7.89	113	69154	31.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.90%	
50) Toluene-d8	10.33	98	177168	20.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.20%	
62) 4-Bromofluorobenzene	12.62	95	60273	18.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.96%	

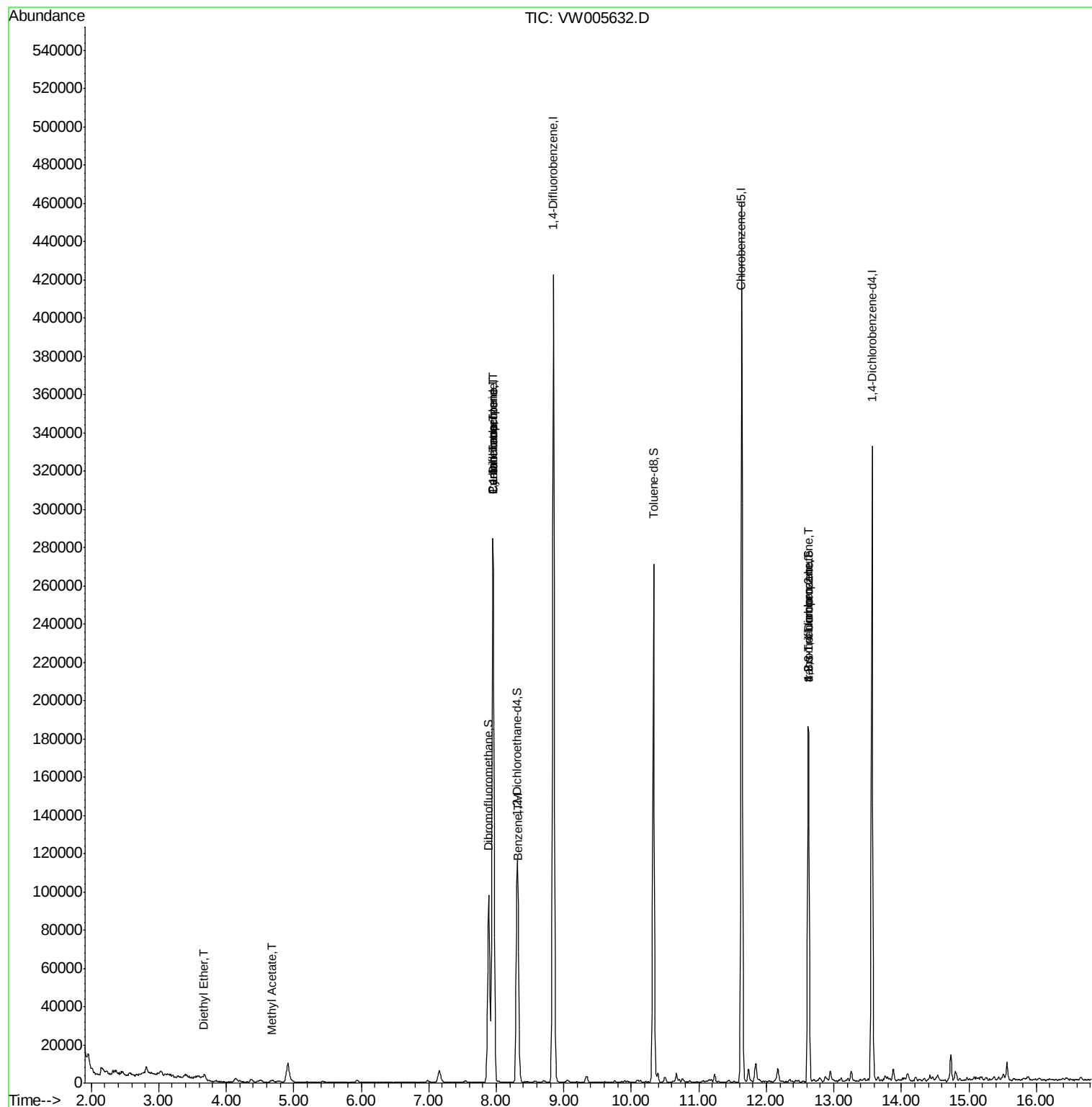
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.03	85	20	Below Cal	#	41
8) Diethyl Ether	3.68	74	1761	1.746	ug/l	94
11) Tert butyl alcohol	5.20	59	258	Below Cal	#	72
13) Acrolein	3.62	56	26	Below Cal	#	13
18) Methyl Acetate	4.68	43	2248	1.960	ug/l #	85
20) Methylene Chloride	4.92	84	7122	Below Cal		94
31) Cyclohexane	7.95	56	5563	1.483	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	16427	4.741	ug/l #	50
38) Carbon Tetrachloride	7.95	117	20314	5.471	ug/l #	16
40) Benzene	8.33	78	25690	2.617	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	30666	40.676	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	30666	91.614	ug/l #	7

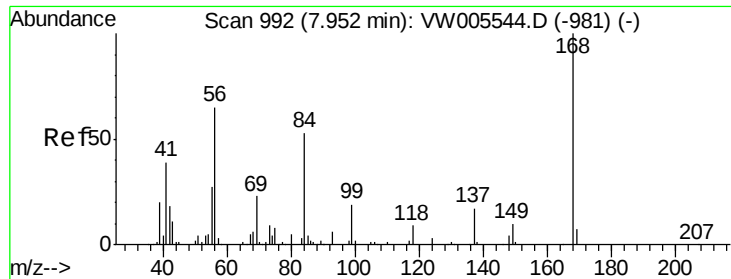
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
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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: VW005632.D

Acq: 26 Sep 2018 02:29

Instrument :

MSVOA_W

ClientSampleId :

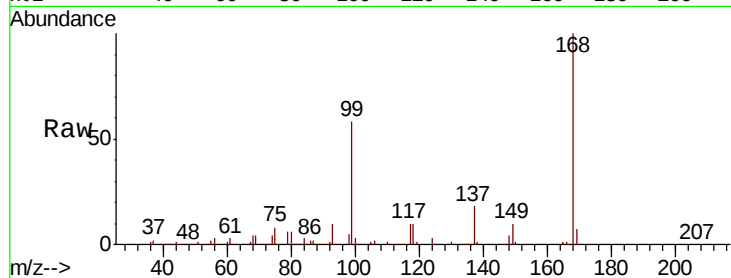
JC-02-092118-ARE

Tgt Ion:168 Resp: 205413

Ion Ratio Lower Upper

168 100

99 58.3 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

100000

80000

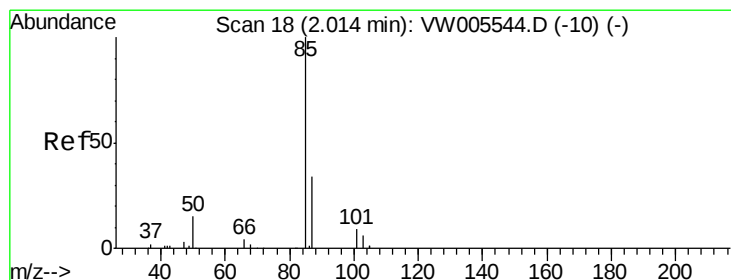
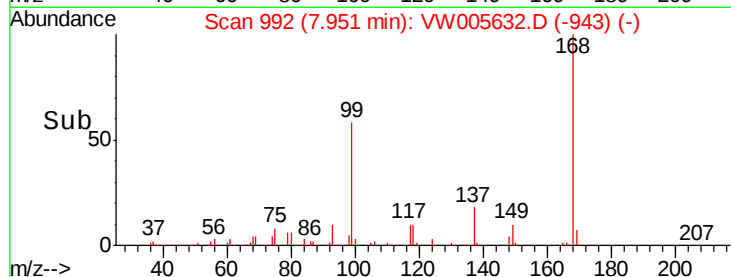
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.03 min Scan# 21

Delta R.T. 0.02 min

Lab File: VW005632.D

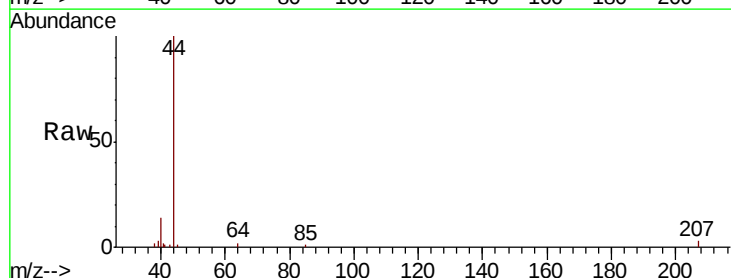
Acq: 26 Sep 2018 02:29

Tgt Ion: 85 Resp: 20

Ion Ratio Lower Upper

85 100

87 0.0 17.0 50.9#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.03

60

50

40

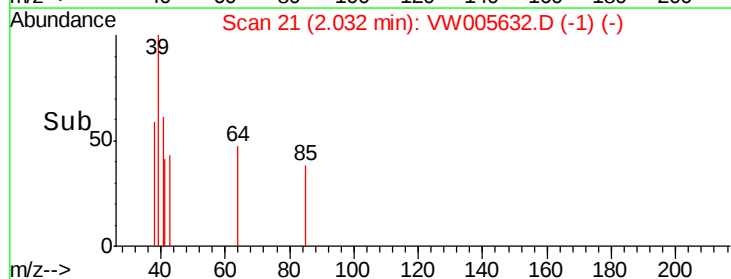
30

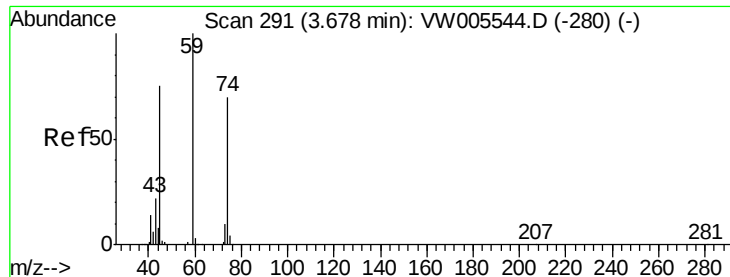
20

10

0

Time-->





#8

Diethyl Ether

Concen: 1.746 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW005632.D

Acq: 26 Sep 2018 02:29

Instrument :

MSVOA_W

ClientSampleId :

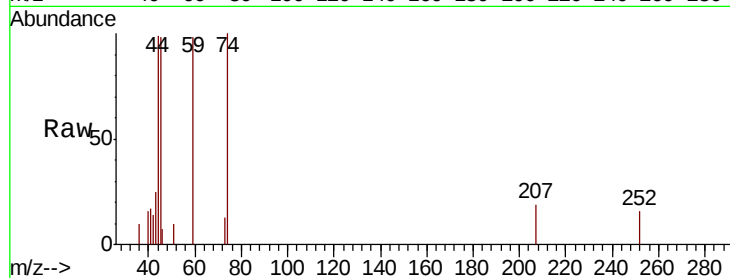
JC-02-092118-ARE

Tgt Ion: 74 Resp: 1761

Ion Ratio Lower Upper

74 100

45 109.3 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

800

600

400

200

0

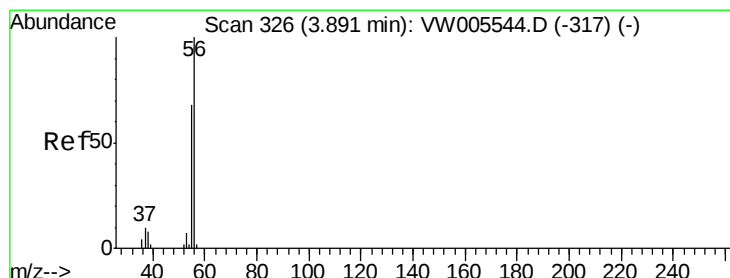
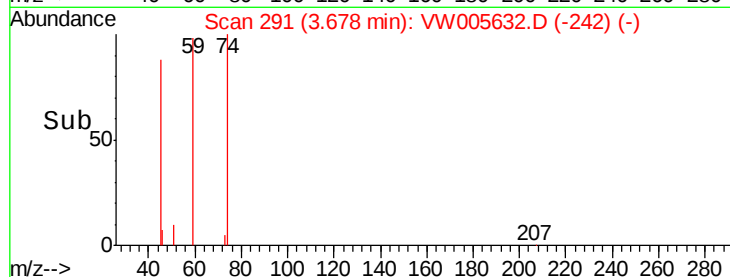
3.60

3.65

3.70

3.75

Time-->



#13

Acrolein

Concen: Below Cal

RT: 3.62 min Scan# 281

Delta R.T. -0.27 min

Lab File: VW005632.D

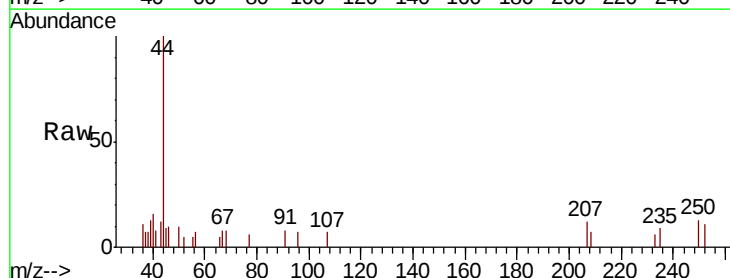
Acq: 26 Sep 2018 02:29

Tgt Ion: 56 Resp: 26

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

100

80

60

40

20

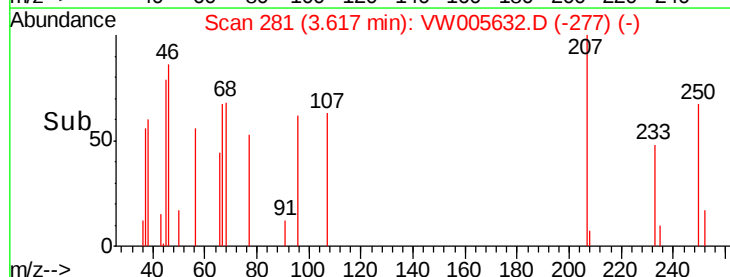
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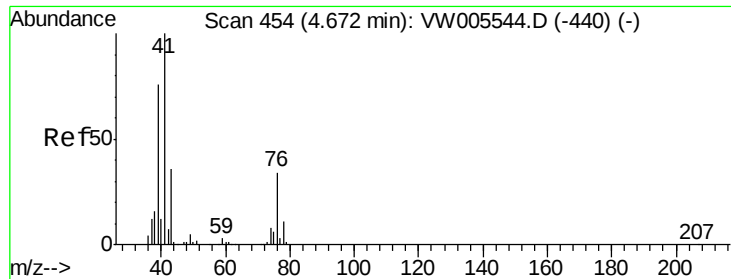
3.61

3.62

3.63

Time-->

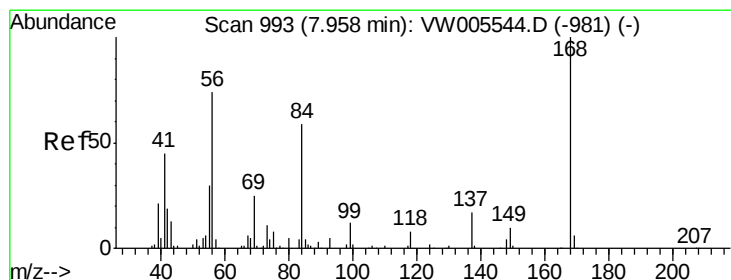
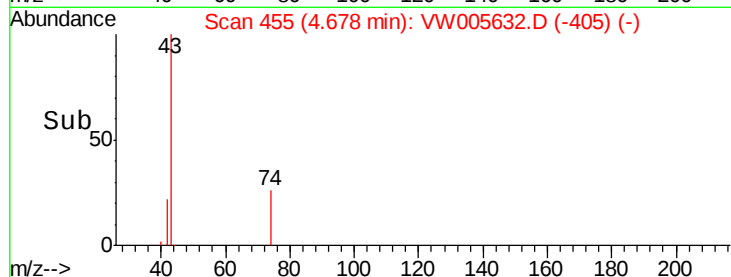
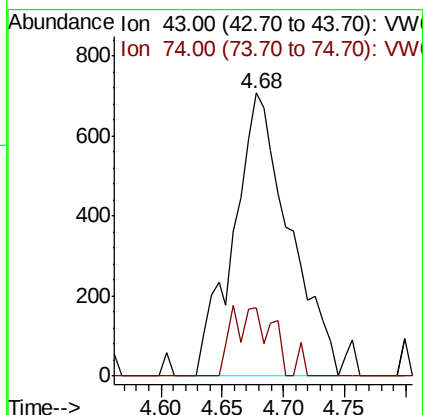
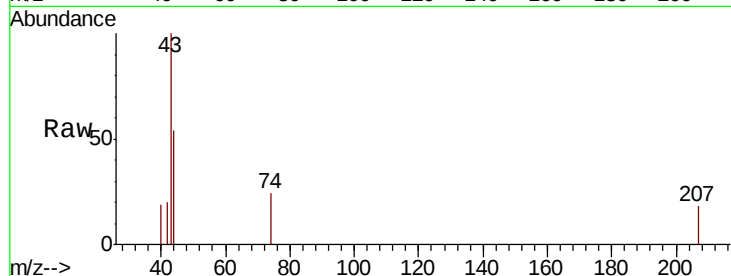




#18
Methyl Acetate
Concen: 1.960 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005632.D
Acq: 26 Sep 2018 02:29

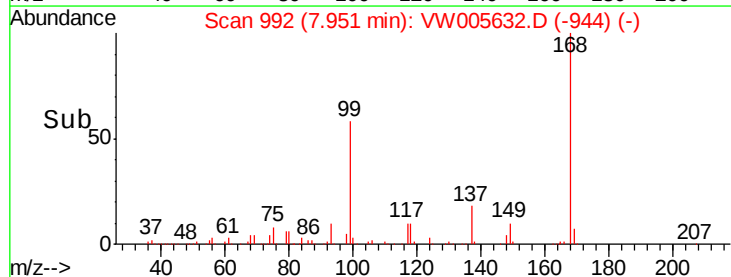
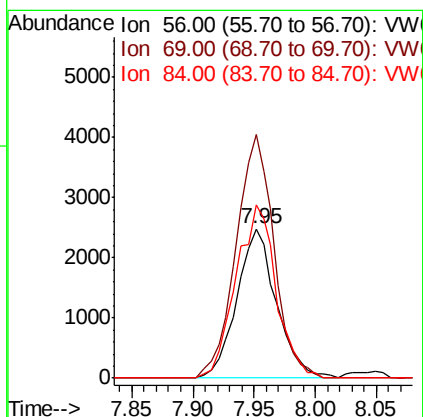
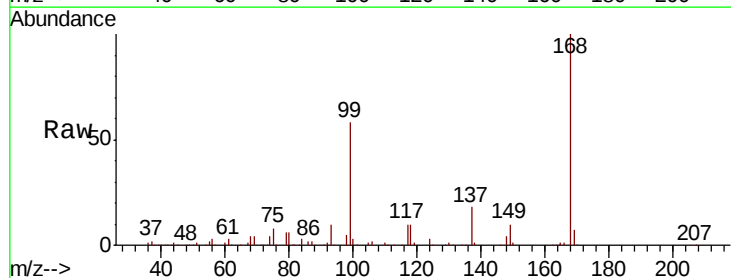
Instrument :
MSVOA_W
ClientSampleId :
JC-02-092118-ARE

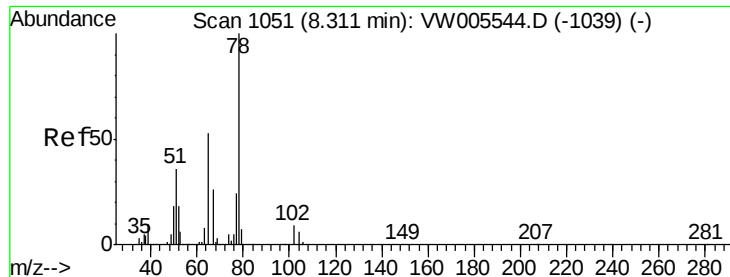
Tgt Ion: 43 Resp: 2248
Ion Ratio Lower Upper
43 100
74 16.7 19.2 28.8#



#31
Cyclohexane
Concen: 1.483 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005632.D
Acq: 26 Sep 2018 02:29

Tgt Ion: 56 Resp: 5563
Ion Ratio Lower Upper
56 100
69 163.2 27.0 40.4#
84 116.1 64.2 96.4#

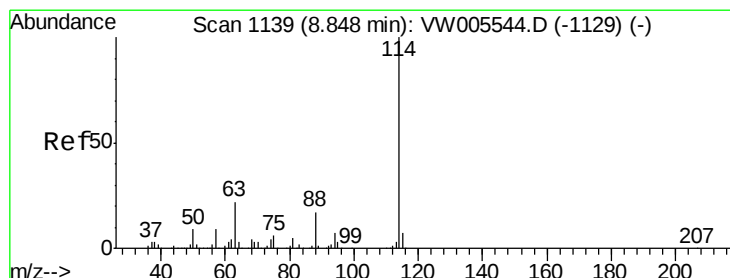
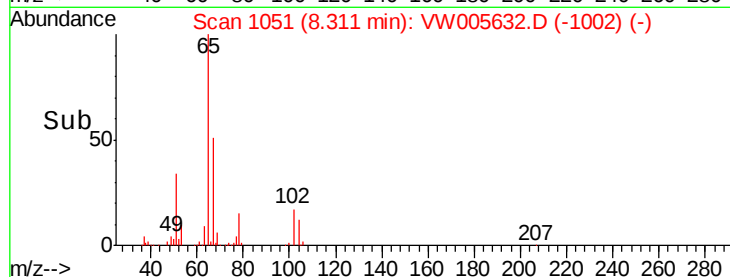
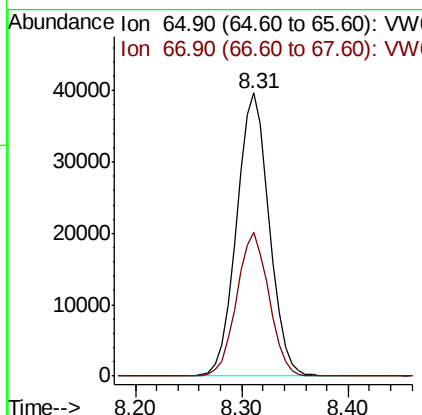
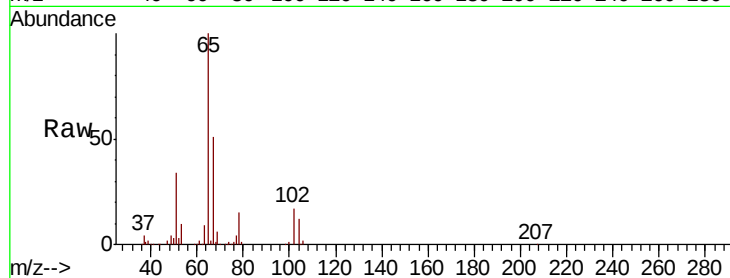




#33
 1,2-Dichloroethane-d4
 Concen: 35.183 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005632.D
 Acq: 26 Sep 2018 02:29

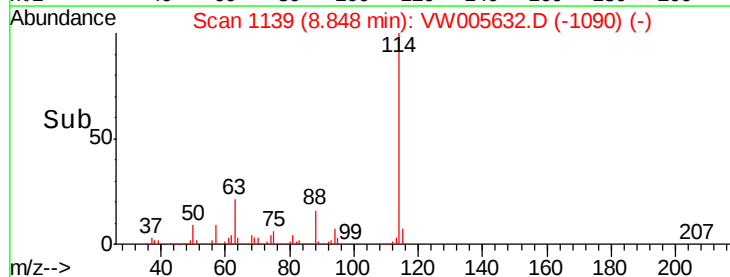
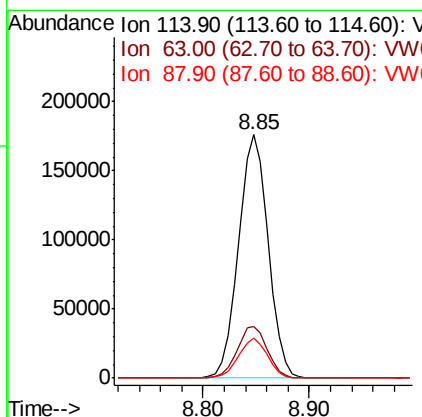
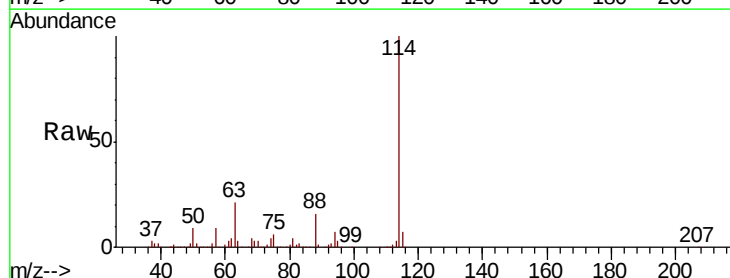
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-ARE

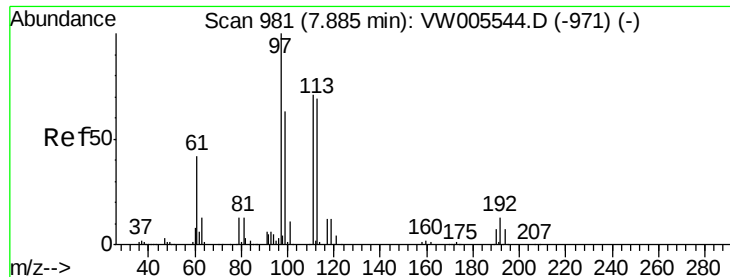
Tgt Ion: 65 Resp: 85140
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005632.D
 Acq: 26 Sep 2018 02:29

Tgt Ion: 114 Resp: 344175
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.0
 88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 31.951 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005632.D

Acq: 26 Sep 2018 02:29

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-ARE

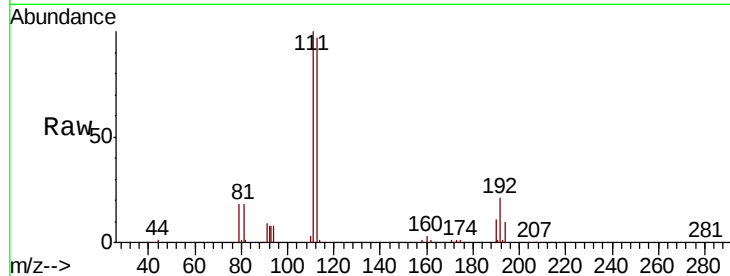
Tgt Ion:113 Resp: 69154

Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

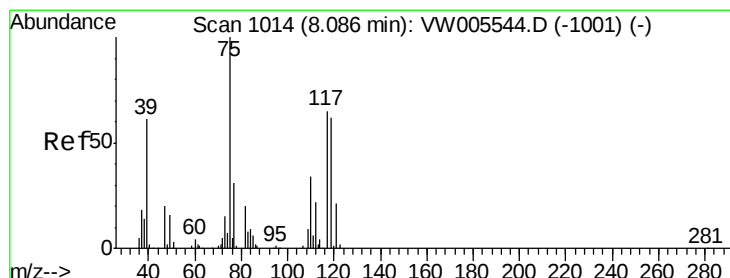
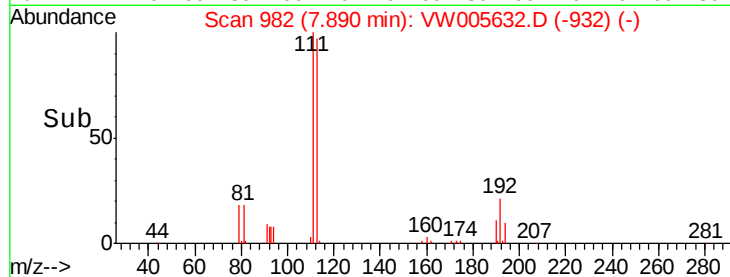
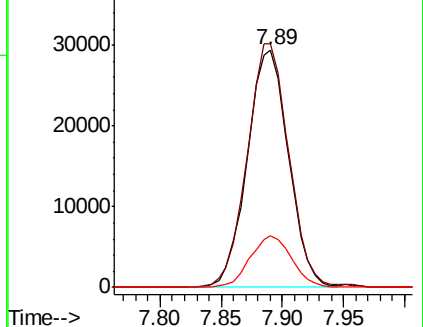
192 21.7 17.0 25.4



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: 4.741 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW005632.D

Acq: 26 Sep 2018 02:29

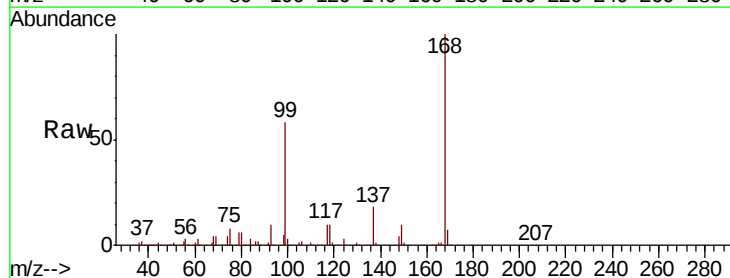
Tgt Ion: 75 Resp: 16427

Ion Ratio Lower Upper

75 100

110 8.7 17.0 50.9#

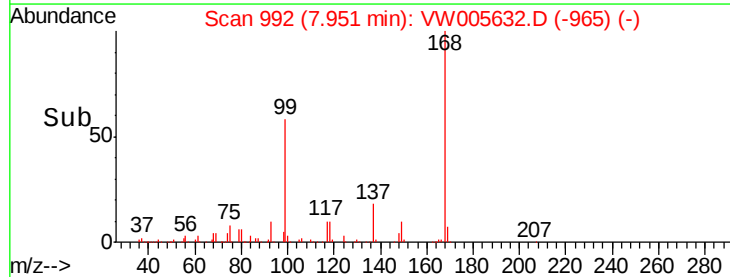
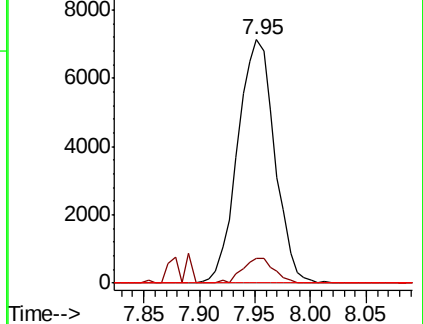
77 0.0 24.8 37.2#

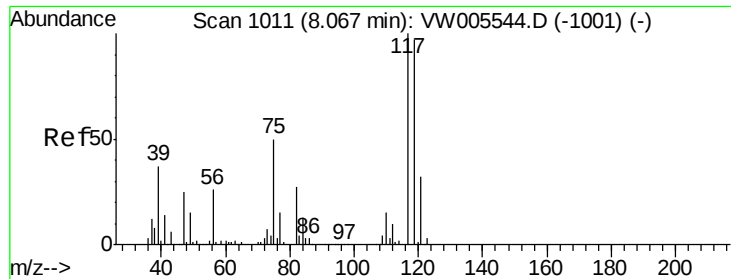


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

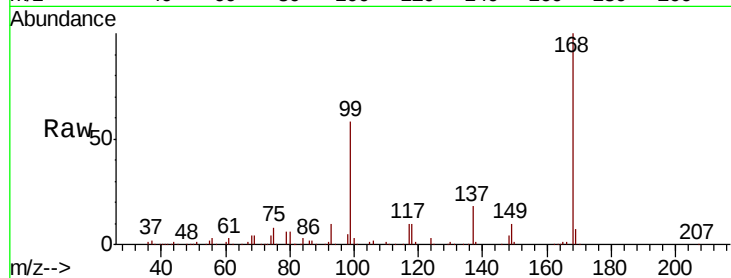




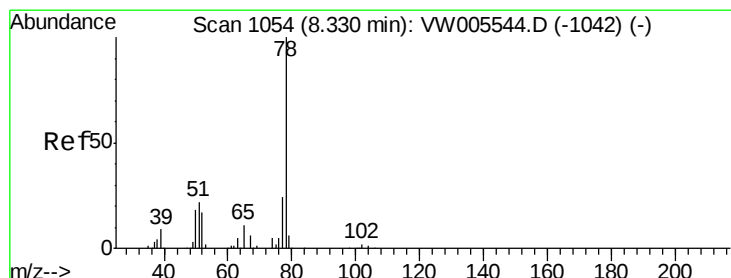
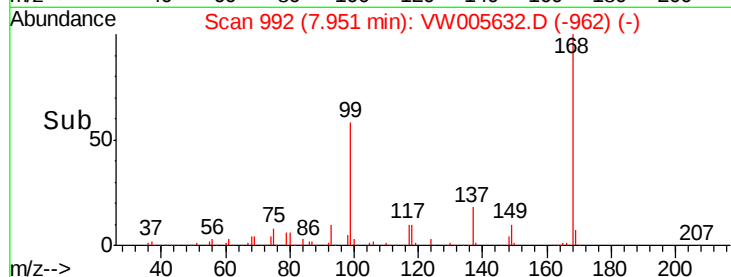
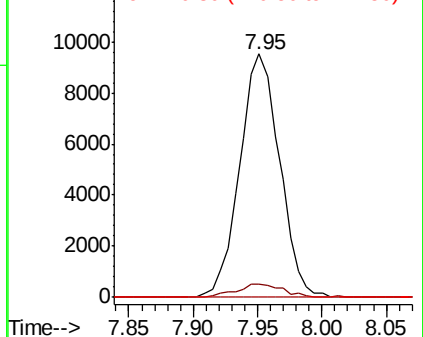
#38
Carbon Tetrachloride
Concen: 5.471 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005632.D
Acq: 26 Sep 2018 02:29

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

Tgt Ion:117 Resp: 20314
Ion Ratio Lower Upper
117 100
119 5.4 77.6 116.4#
121 0.0 25.7 38.5#

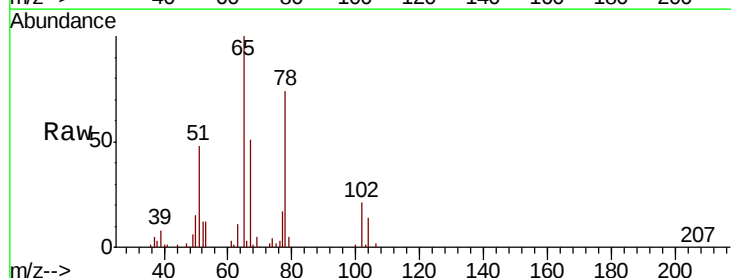


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

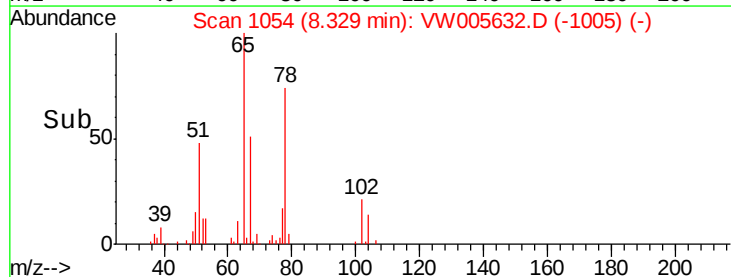
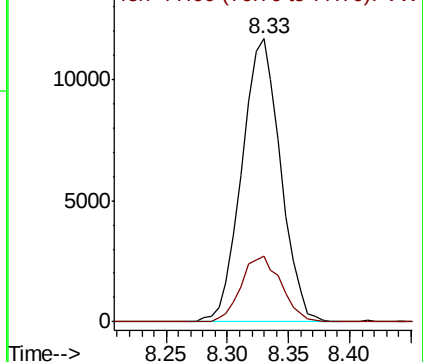


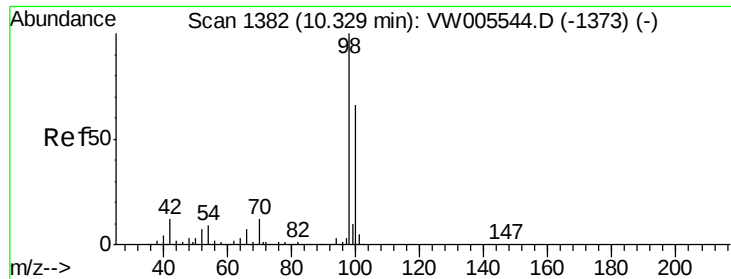
#40
Benzene
Concen: 2.617 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005632.D
Acq: 26 Sep 2018 02:29

Tgt Ion: 78 Resp: 25690
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#50

Toluene-d8

Concen: 20.103 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005632.D

Acq: 26 Sep 2018 02:29

Instrument :

MSVOA_W

ClientSampleId :

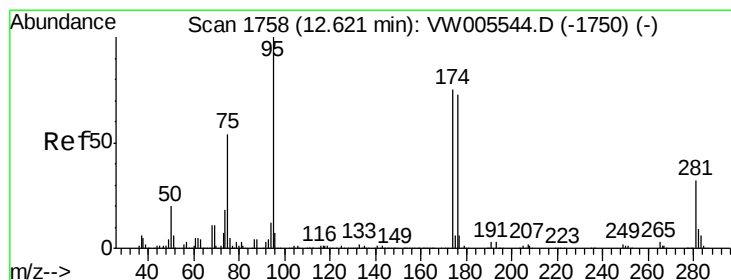
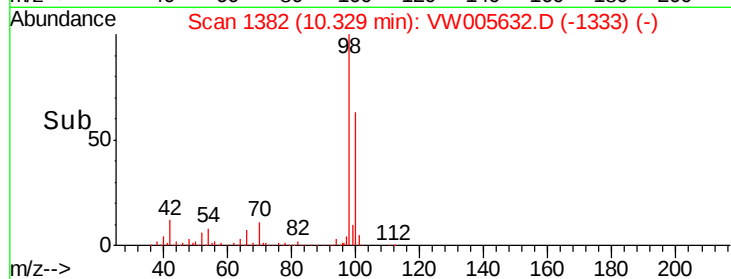
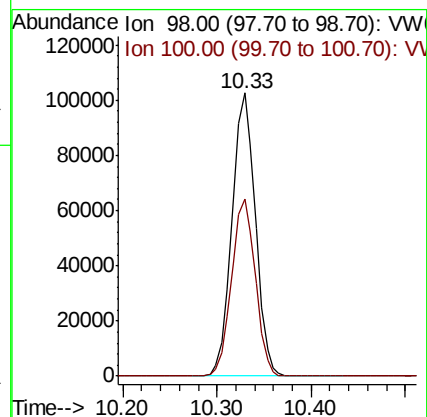
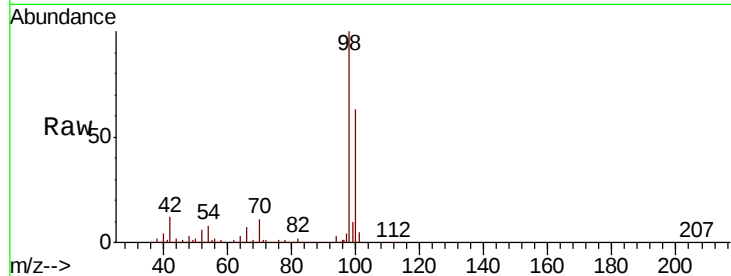
JC-02-092118-ARE

Tgt Ion: 98 Resp: 177168

Ion Ratio Lower Upper

98 100

100 63.3 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 18.483 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005632.D

Acq: 26 Sep 2018 02:29

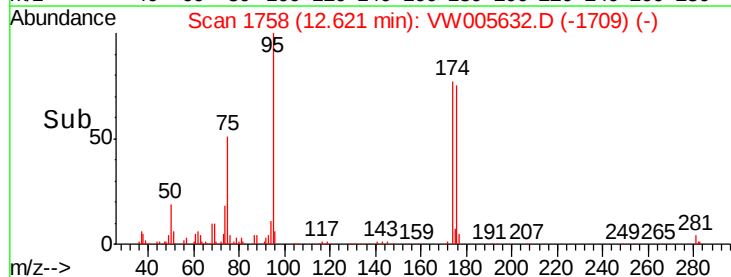
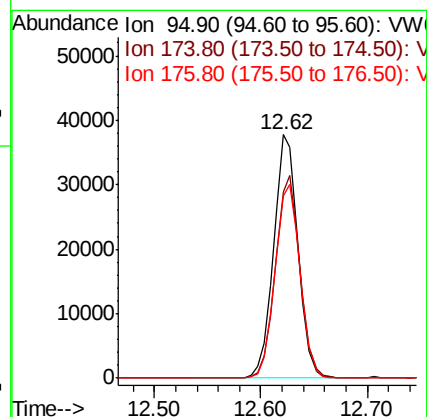
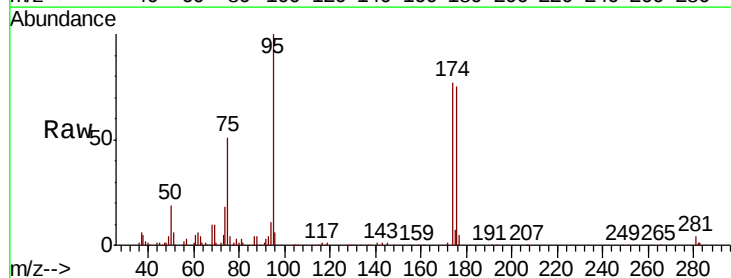
Tgt Ion: 95 Resp: 60273

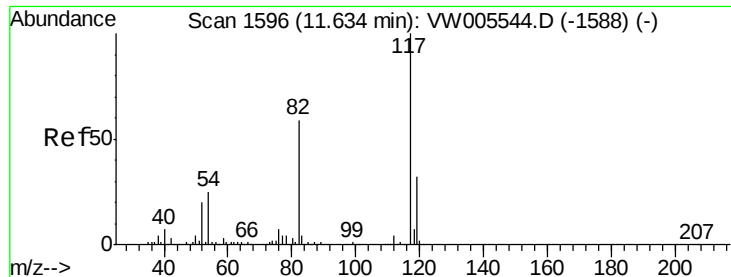
Ion Ratio Lower Upper

95 100

174 83.3 0.0 163.8

176 81.4 0.0 158.0

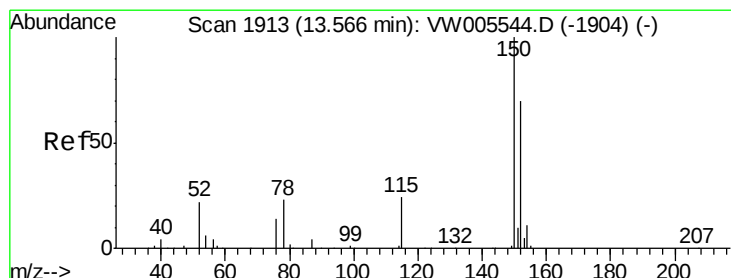
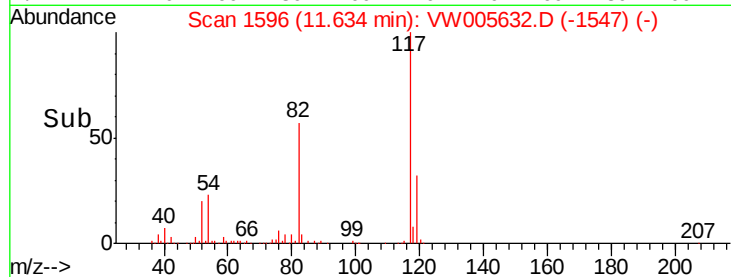
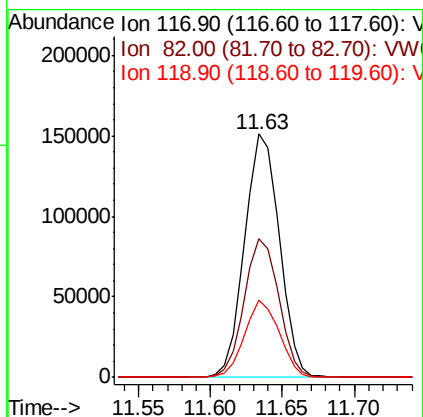
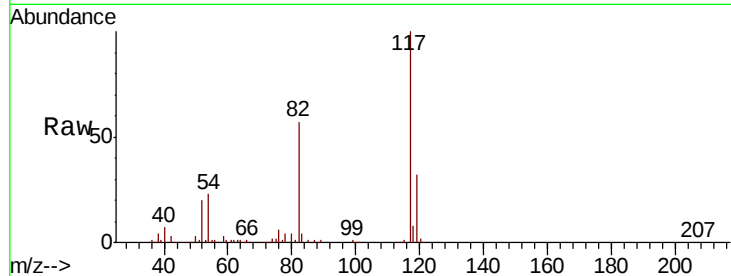




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005632.D
Acq: 26 Sep 2018 02:29

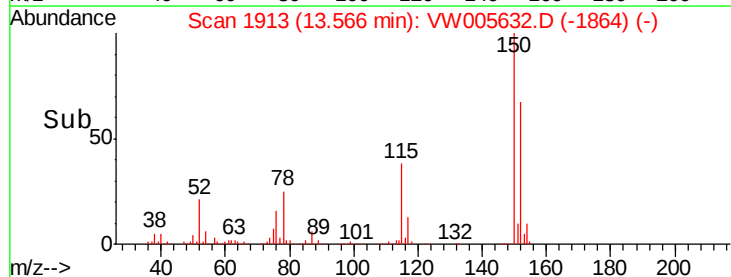
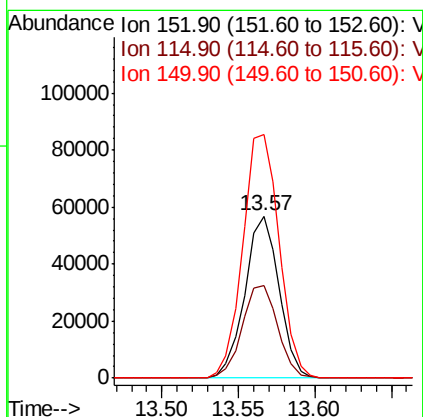
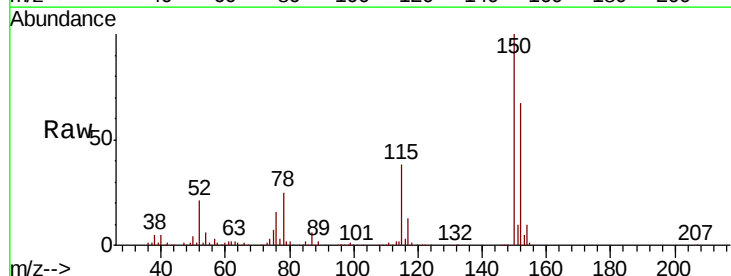
Instrument :
MSVOA_W
ClientSampleId :
JC-02-092118-ARE

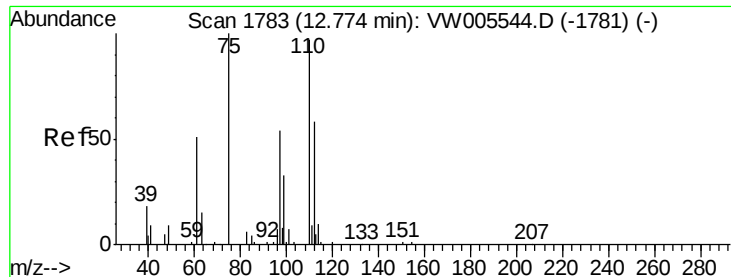
Tgt Ion:117 Resp: 252861
Ion Ratio Lower Upper
117 100
82 56.8 46.9 70.3
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005632.D
Acq: 26 Sep 2018 02:29

Tgt Ion:152 Resp: 88443
Ion Ratio Lower Upper
152 100
115 59.2 30.0 90.0
150 159.6 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 40.676 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005632.D

Acq: 26 Sep 2018 02:29

Instrument :

MSVOA_W

ClientSampleId :

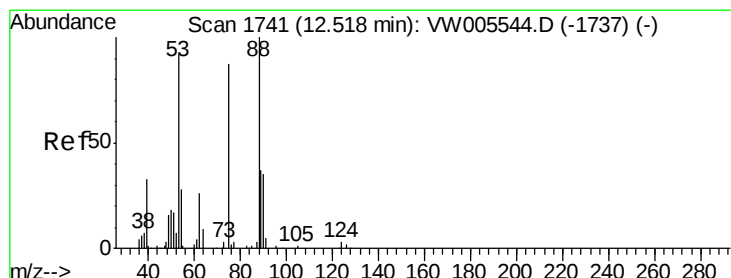
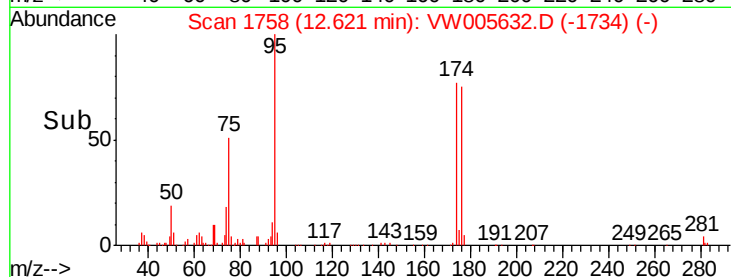
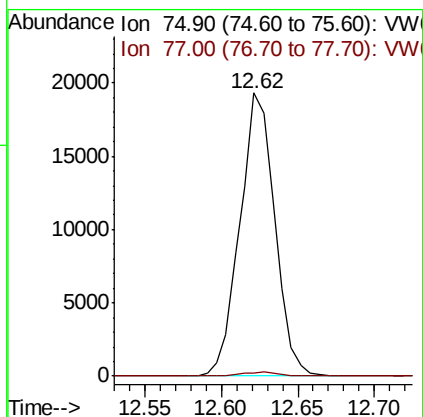
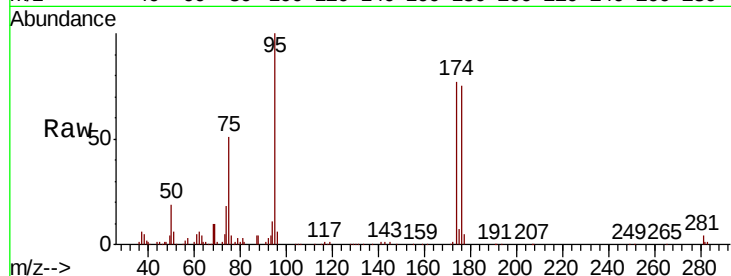
JC-02-092118-ARE

Tgt Ion: 75 Resp: 30666

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 91.614 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005632.D

Acq: 26 Sep 2018 02:29

Tgt Ion: 75 Resp: 30666

Ion Ratio Lower Upper

75 100

53 0.1 85.8 128.6#

89 0.0 37.3 55.9#

