

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
 Data File : VW005640.D
 Acq On : 26 Sep 2018 05:56
 Operator : VA/AP
 Sample : J4770-17RE
 Misc : 5.90G/5ML/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

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

Quant Time: Sep 26 07:13:04 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	202478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	331788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	213561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	93250	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	159465	66.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.70%	
35) Dibromofluoromethane	7.89	113	125779	60.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.56%	
50) Toluene-d8	10.33	98	310543	36.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.10%	
62) 4-Bromofluorobenzene	12.62	95	110561	35.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.34%	

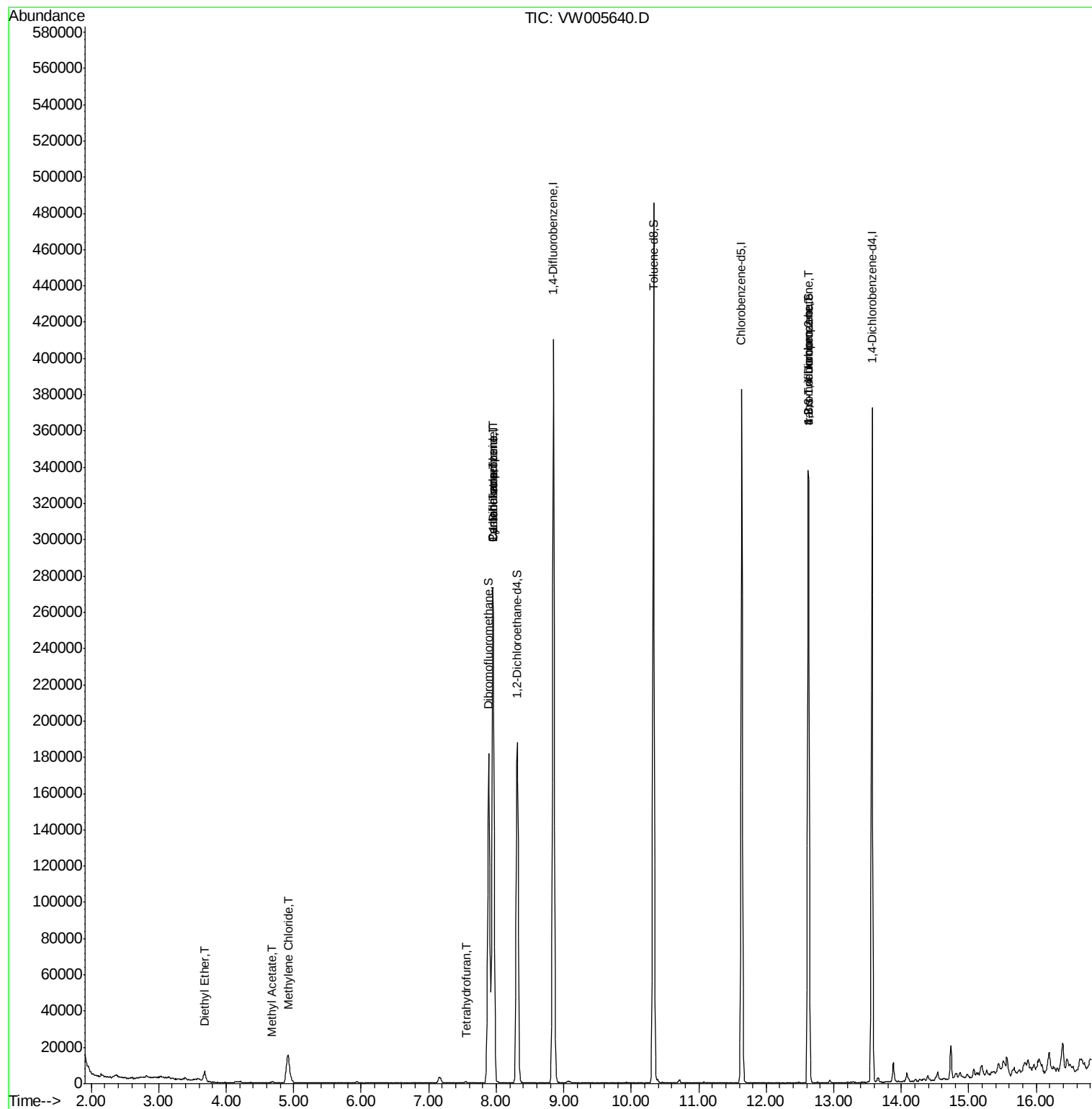
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	53	Below Cal	#	41
8) Diethyl Ether	3.68	74	2843	2.860	ug/l	84
11) Tert butyl alcohol	5.24	59	20	Below Cal	#	72
13) Acrolein	3.62	56	22	Below Cal	#	13
16) Acetone	4.15	43	1243	Below Cal		96
18) Methyl Acetate	4.67	43	1460	1.291	ug/l #	57
20) Methylene Chloride	4.92	84	13271	2.573	ug/l	96
29) Tetrahydrofuran	7.56	42	446	1.232	ug/l #	44
31) Cyclohexane	7.95	56	4680	1.266	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15978	4.784	ug/l #	51
38) Carbon Tetrachloride	7.95	117	19316	5.397	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	56931	71.621	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	56931	161.312	ug/l #	7

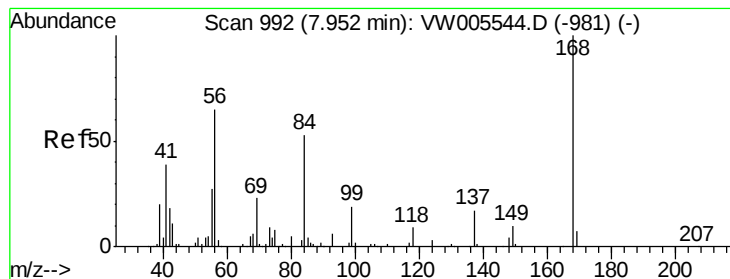
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005640.D

Acq: 26 Sep 2018 05:56

Instrument :

MSVOA_W

ClientSampleId :

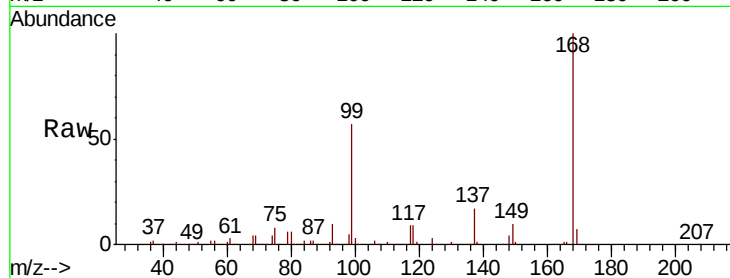
JC-02-092118-IRE

Tgt Ion:168 Resp: 202478

Ion Ratio Lower Upper

168 100

99 56.5 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

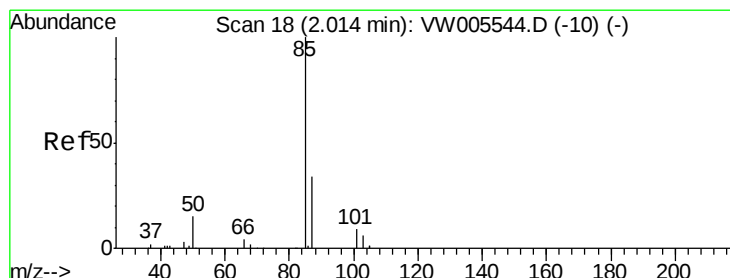
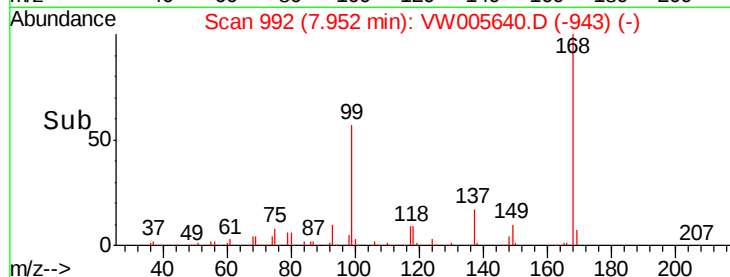
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005640.D

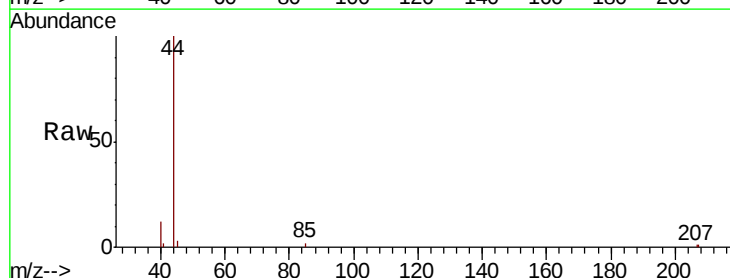
Acq: 26 Sep 2018 05:56

Tgt Ion: 85 Resp: 53

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

2.01

80

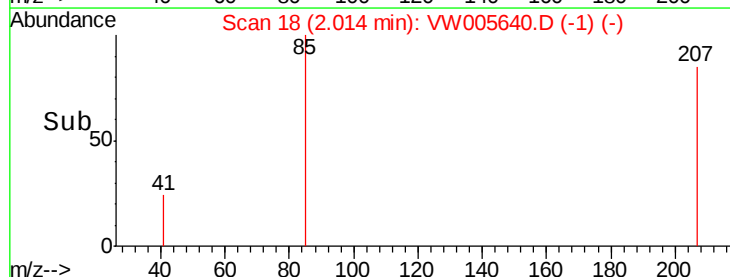
60

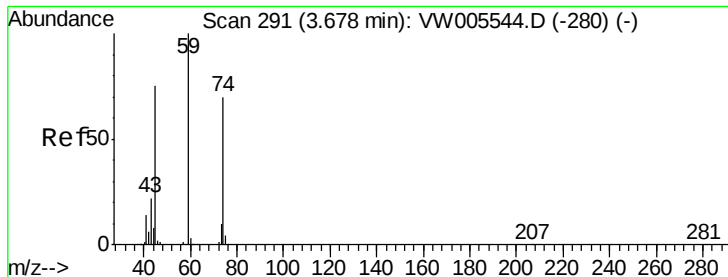
40

20

0

Time-->





#8

Diethyl Ether

Concen: 2.860 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW005640.D

Acq: 26 Sep 2018 05:56

Instrument :

MSVOA_W

ClientSampleId :

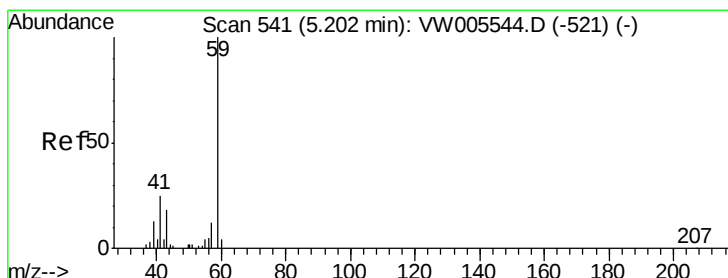
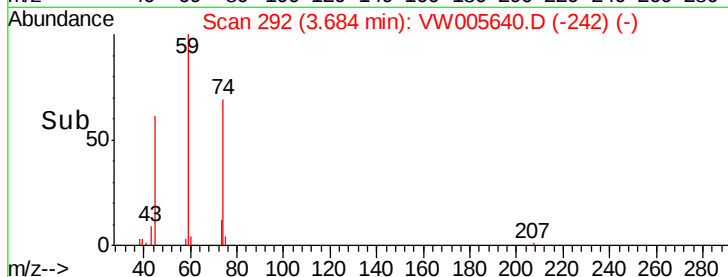
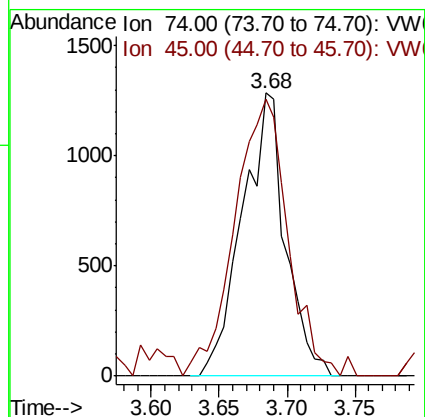
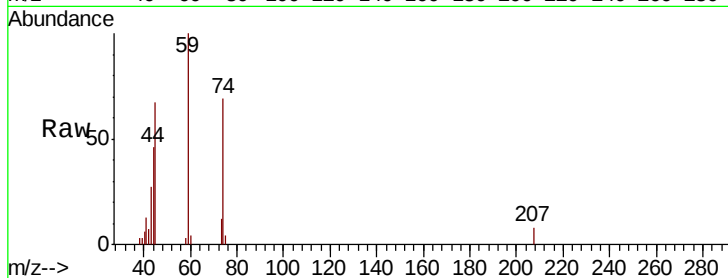
JC-02-092118-IRE

Tgt Ion: 74 Resp: 2843

Ion Ratio Lower Upper

74 100

45 120.2 51.7 155.2



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.24 min Scan# 548

Delta R.T. 0.04 min

Lab File: VW005640.D

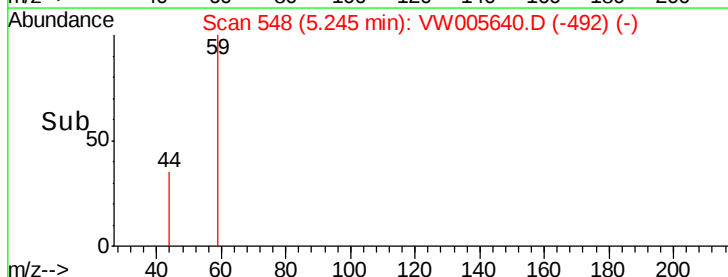
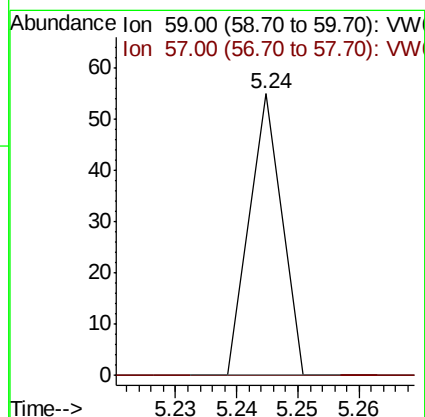
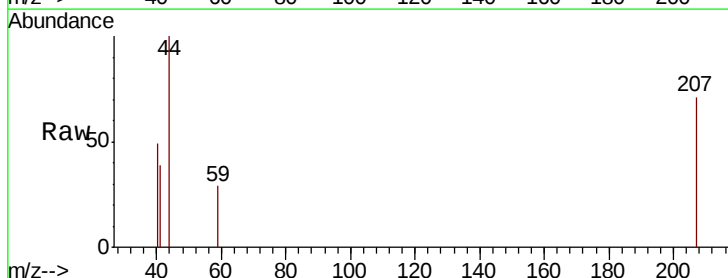
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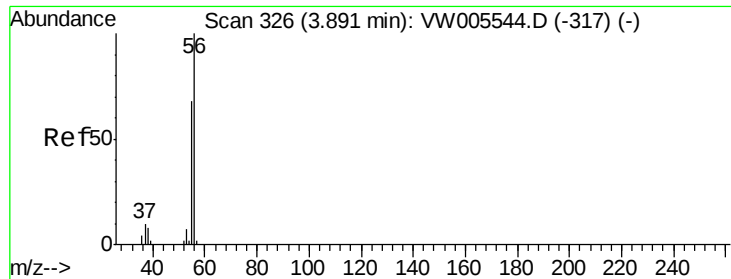
Tgt Ion: 59 Resp: 20

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#





#13

Acrolein

Concen: Below Cal

RT: 3.62 min Scan# 281

Delta R.T. -0.27 min

Lab File: VW005640.D

Acq: 26 Sep 2018 05:56

Instrument :

MSVOA_W

ClientSampleId :

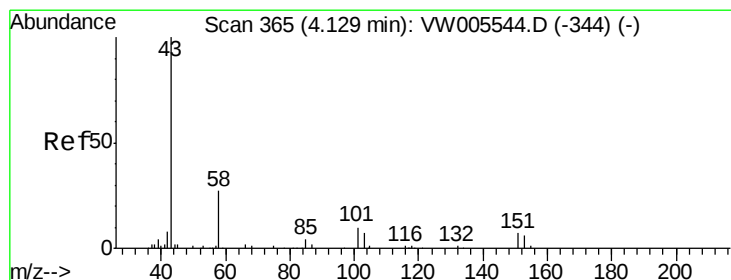
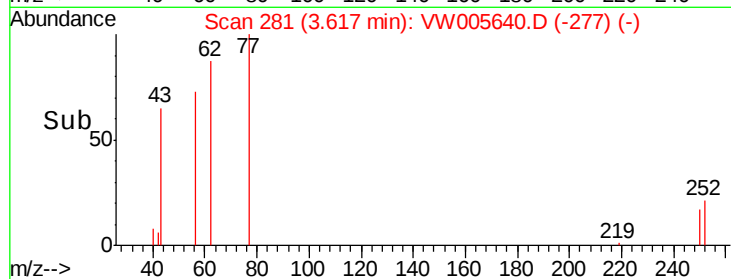
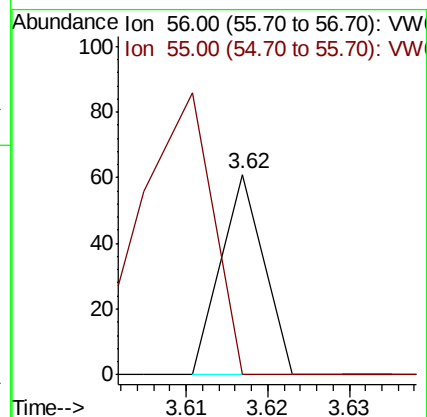
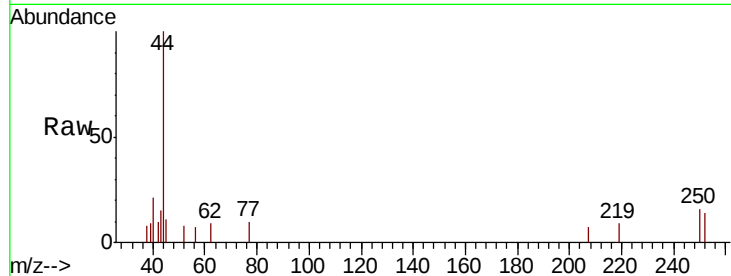
JC-02-092118-IRE

Tgt Ion: 56 Resp: 22

Ion Ratio Lower Upper

56 100

55 0.0 57.8 86.8#



#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW005640.D

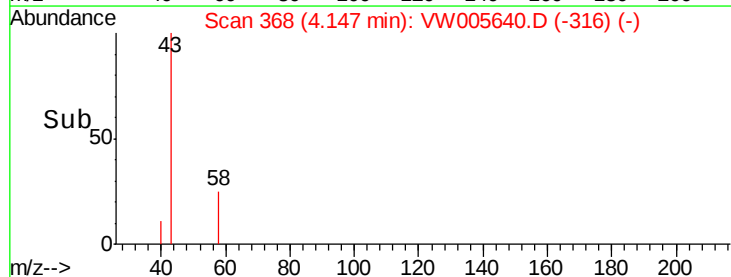
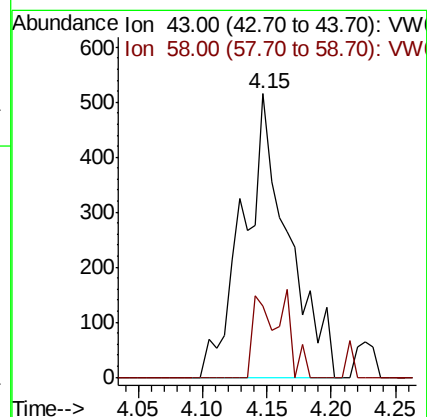
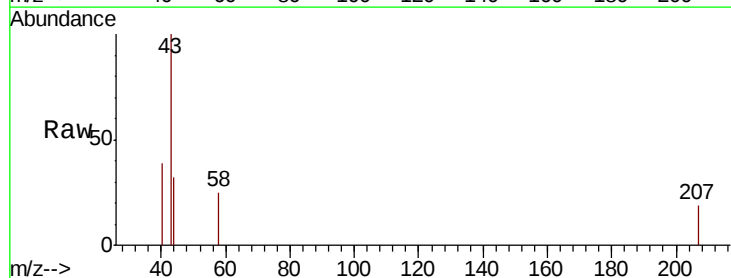
Acq: 26 Sep 2018 05:56

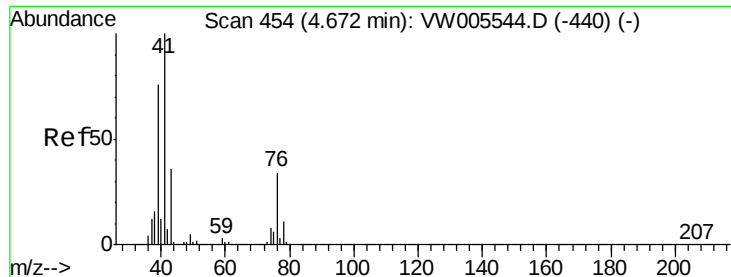
Tgt Ion: 43 Resp: 1243

Ion Ratio Lower Upper

43 100

58 25.0 21.8 32.8

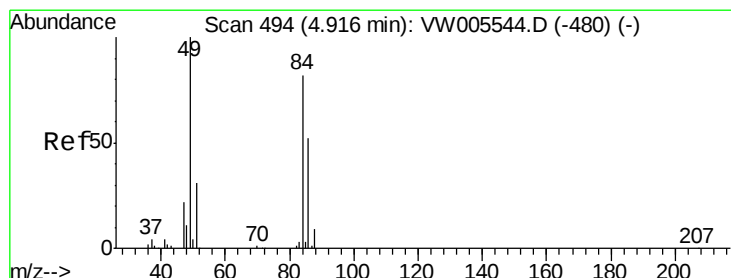
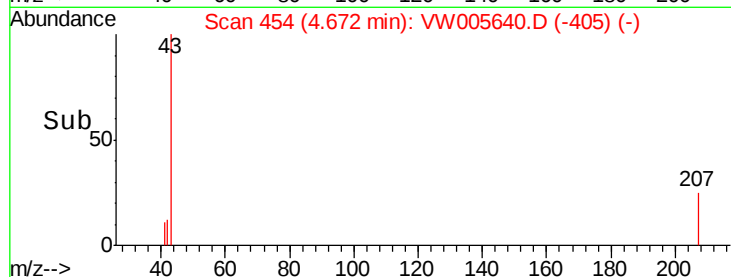
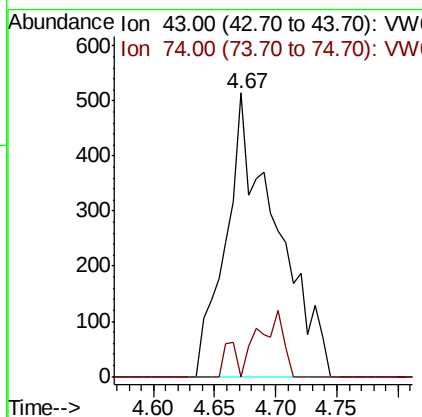
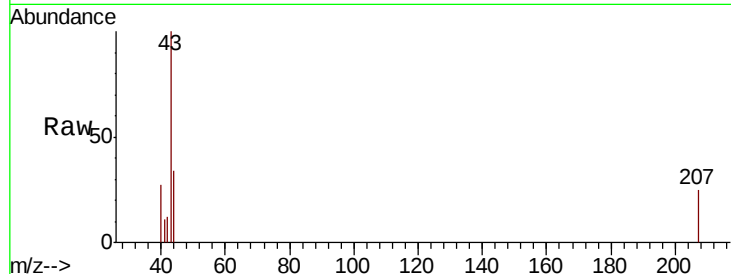




#18
Methyl Acetate
Concen: 1.291 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW005640.D
Acq: 26 Sep 2018 05:56

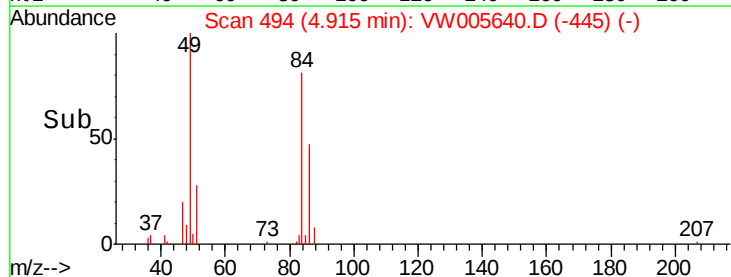
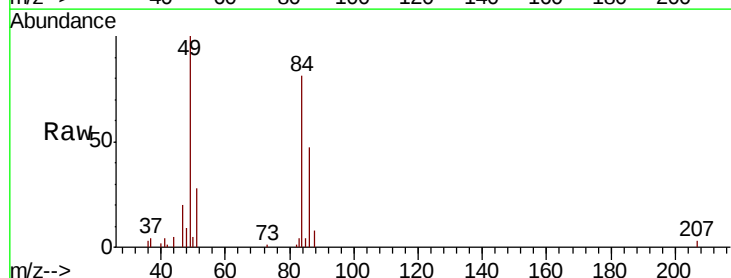
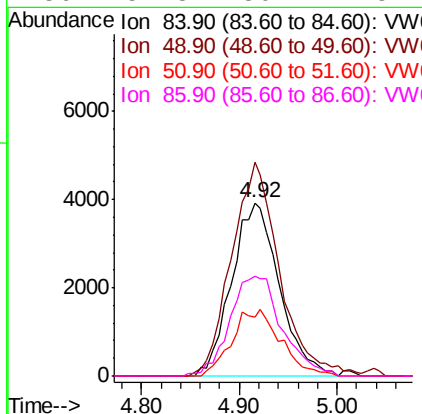
Instrument :
MSVOA_W
ClientSampleId :
JC-02-092118-IRE

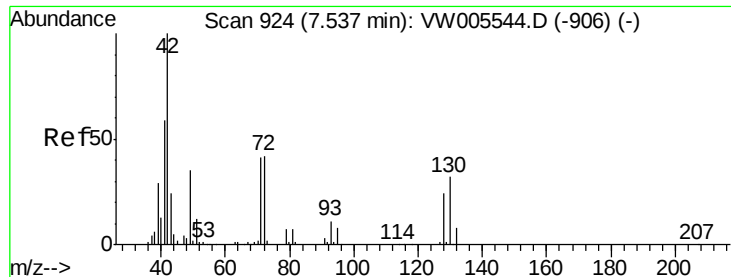
Tgt Ion: 43 Resp: 1460
Ion Ratio Lower Upper
43 100
74 3.0 19.2 28.8#



#20
Methylene Chloride
Concen: 2.573 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005640.D
Acq: 26 Sep 2018 05:56

Tgt Ion: 84 Resp: 13271
Ion Ratio Lower Upper
84 100
49 123.5 97.0 145.6
51 34.2 30.2 45.2
86 57.8 50.2 75.4

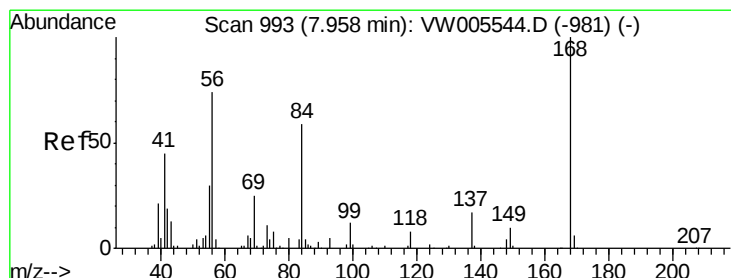
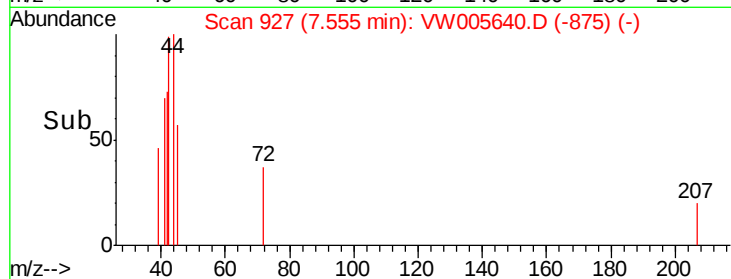
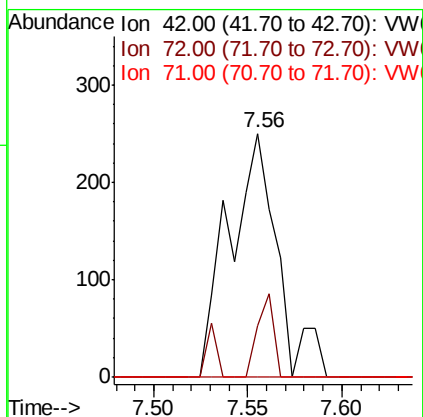
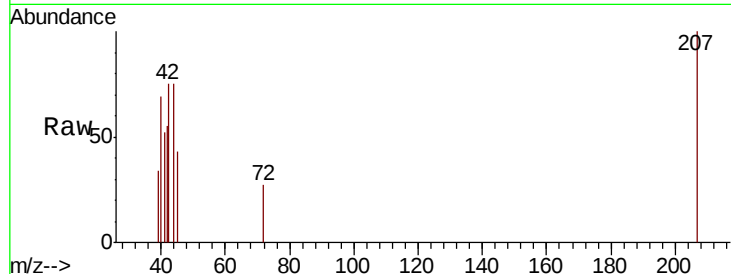




#29
Tetrahydrofuran
Concen: 1.232 ug/l
RT: 7.56 min Scan# 927
Delta R.T. 0.02 min
Lab File: VW005640.D
Acq: 26 Sep 2018 05:56

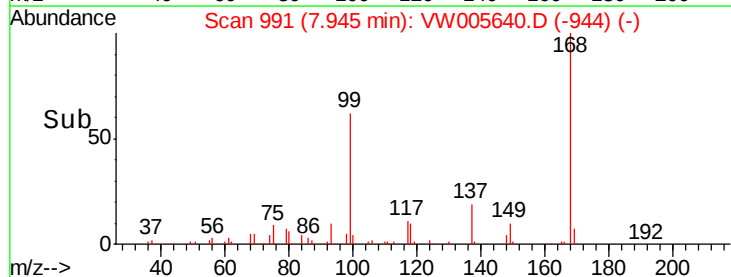
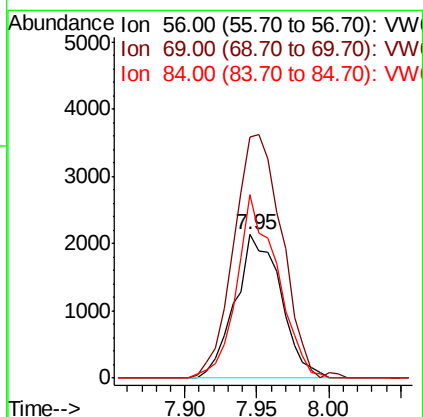
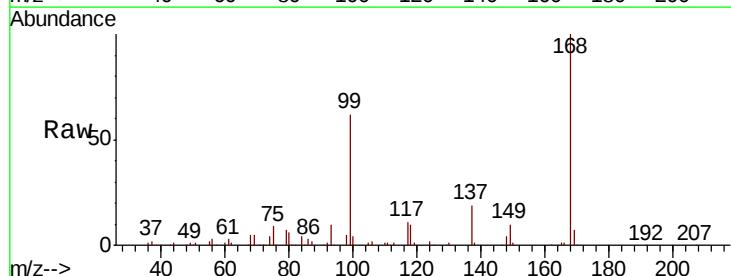
Instrument :
MSVOA_W
ClientSampleId :
JC-02-092118-IRE

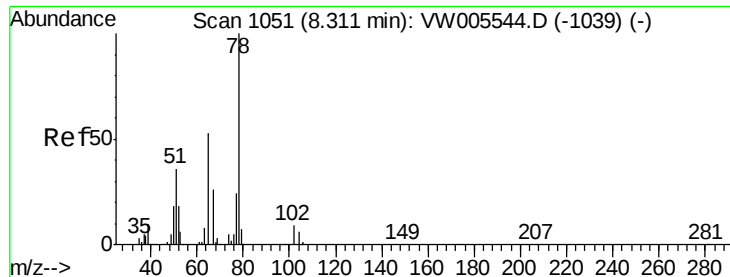
Tgt Ion: 42 Resp: 446
Ion Ratio Lower Upper
42 100
72 11.4 33.6 50.4#
71 0.0 31.8 47.6#



#31
Cyclohexane
Concen: 1.266 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW005640.D
Acq: 26 Sep 2018 05:56

Tgt Ion: 56 Resp: 4680
Ion Ratio Lower Upper
56 100
69 167.4 27.0 40.4#
84 127.3 64.2 96.4#

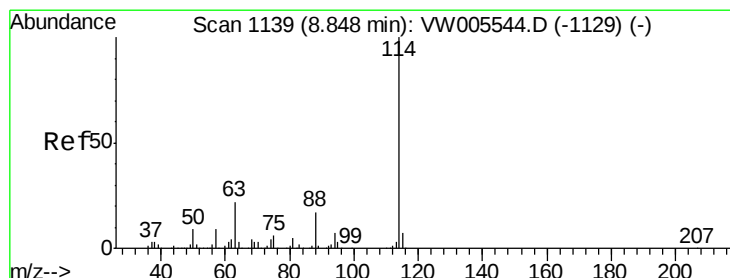
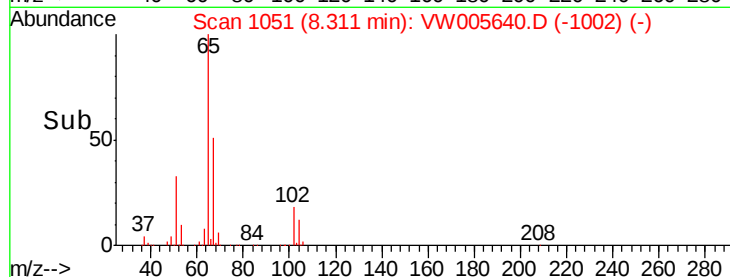
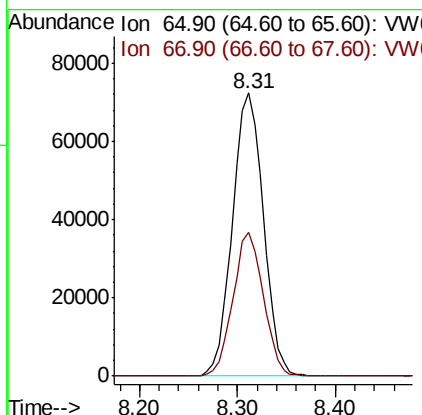
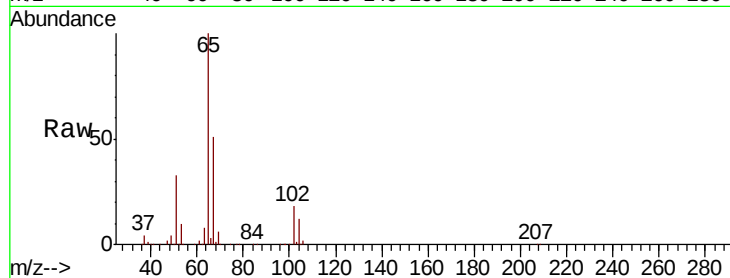




#33
 1,2-Dichloroethane-d4
 Concen: 66.852 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005640.D
 Acq: 26 Sep 2018 05:56

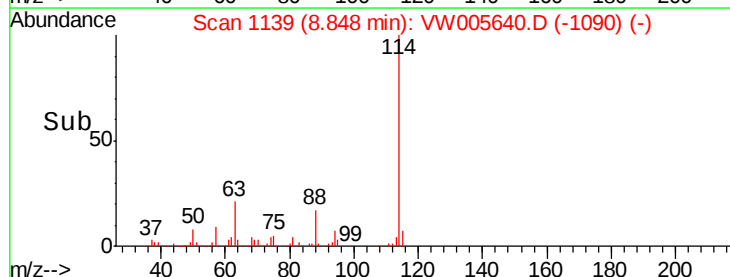
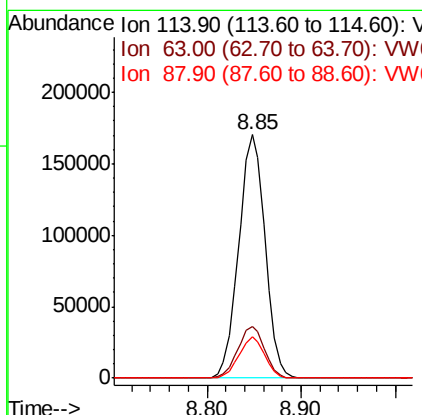
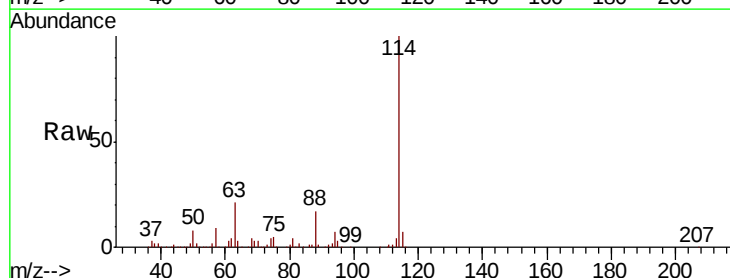
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 JC-02-092118-IRE

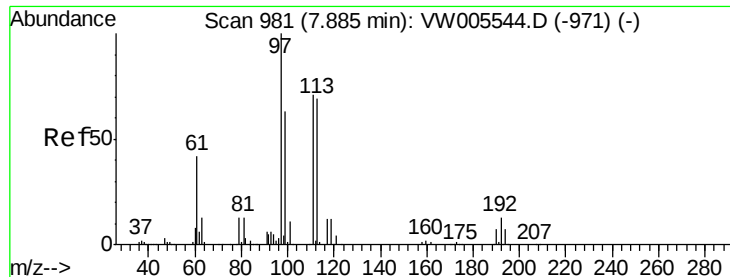
Tgt Ion: 65 Resp: 159465
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005640.D
 Acq: 26 Sep 2018 05:56

Tgt Ion: 114 Resp: 331788
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.0
 88 16.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 60.283 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005640.D

Acq: 26 Sep 2018 05:56

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-IRE

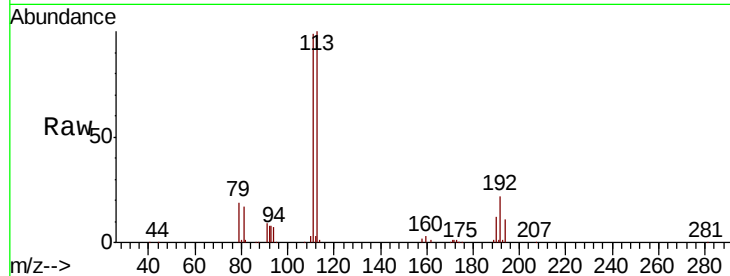
Tgt Ion:113 Resp: 125779

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

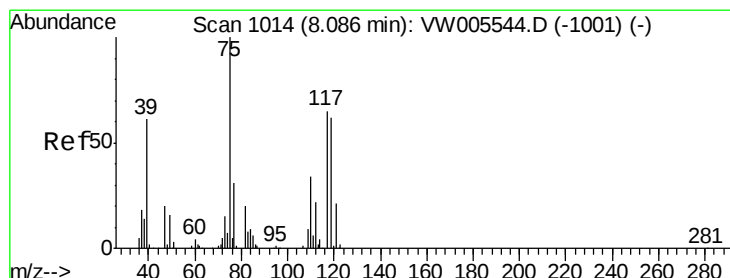
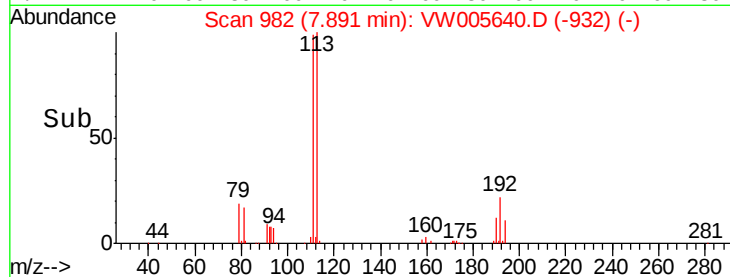
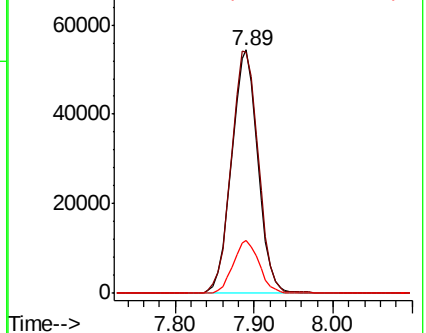
192 21.6 17.0 25.4



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: 4.784 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW005640.D

Acq: 26 Sep 2018 05:56

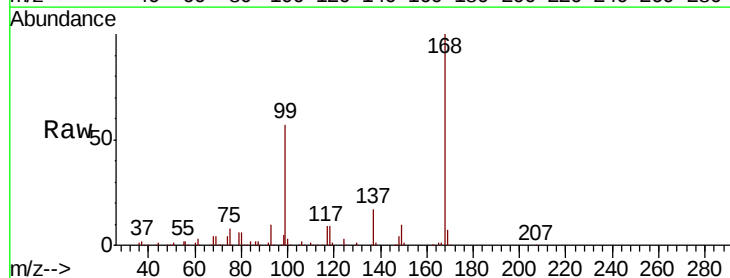
Tgt Ion: 75 Resp: 15978

Ion Ratio Lower Upper

75 100

110 9.7 17.0 50.9#

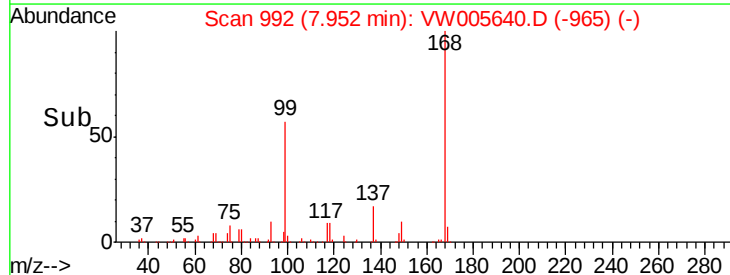
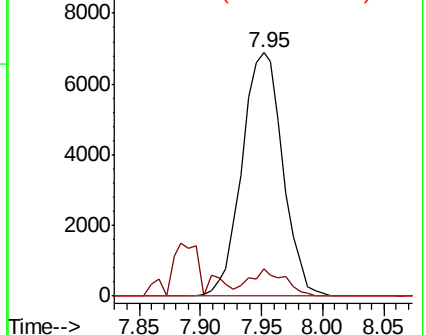
77 0.0 24.8 37.2#

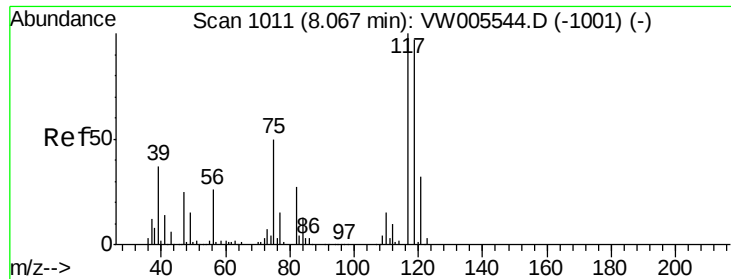


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

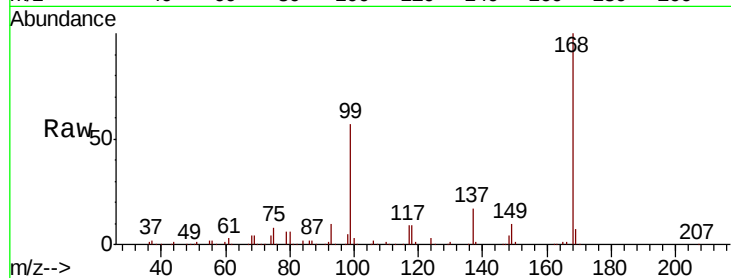




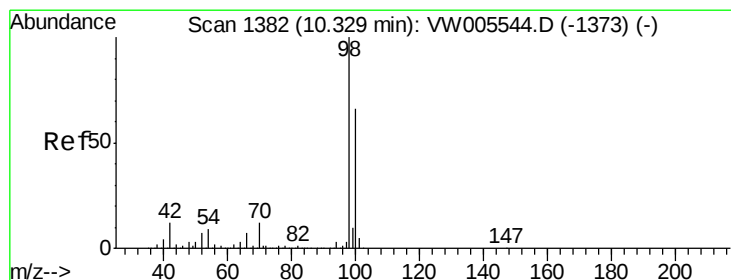
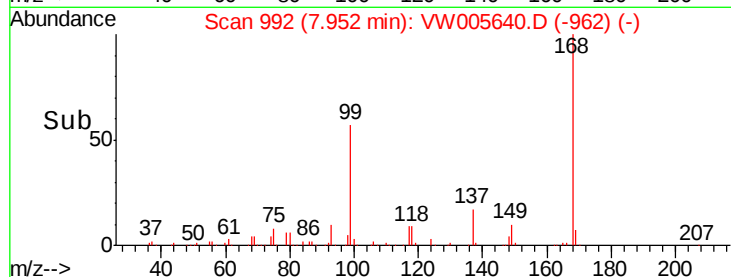
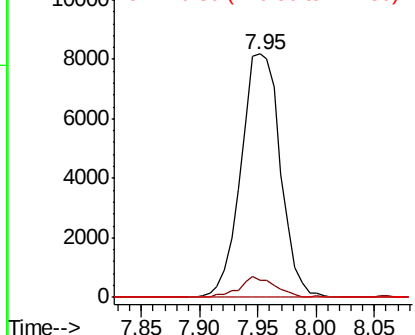
#38
Carbon Tetrachloride
Concen: 5.397 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005640.D
Acq: 26 Sep 2018 05:56

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

Tgt Ion:117 Resp: 19316
Ion Ratio Lower Upper
117 100
119 7.0 77.6 116.4#
121 0.0 25.7 38.5#

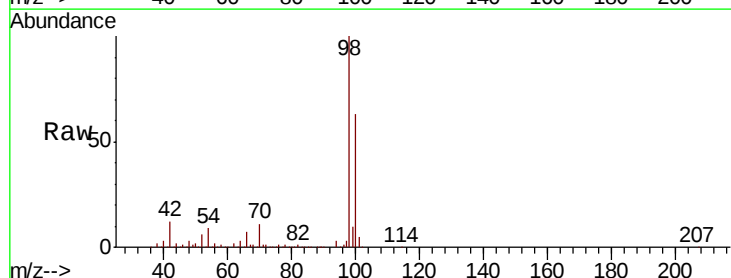


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

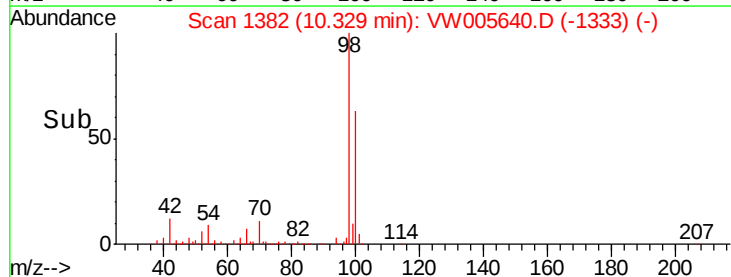
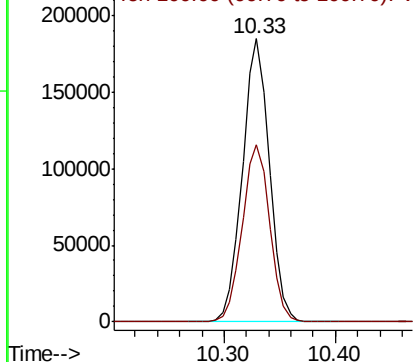


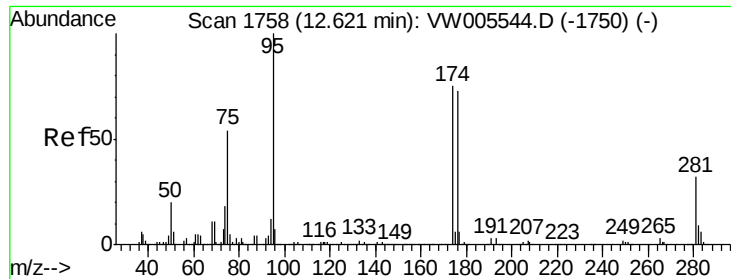
#50
Toluene-d8
Concen: 36.553 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005640.D
Acq: 26 Sep 2018 05:56

Tgt Ion: 98 Resp: 310543
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



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

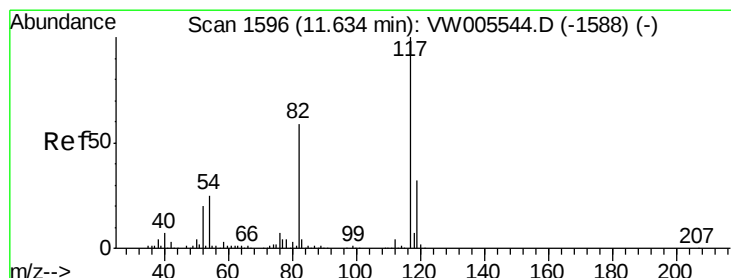
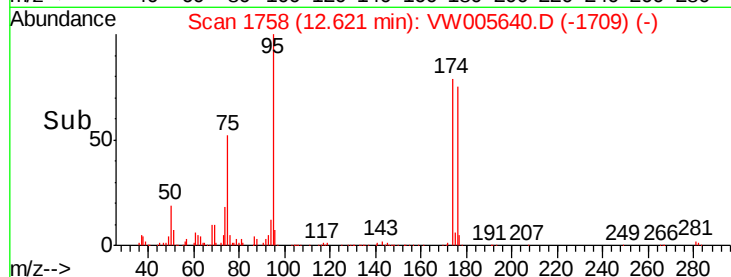
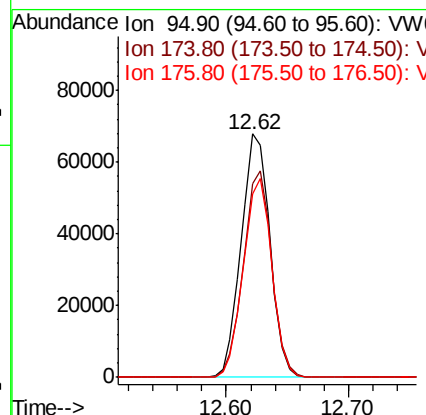
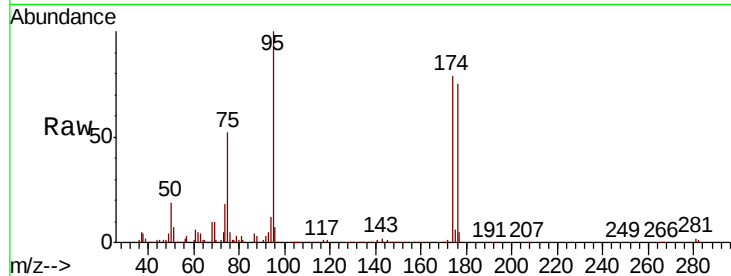




#62
4-Bromofluorobenzene
Concen: 35.170 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005640.D
Acq: 26 Sep 2018 05:56

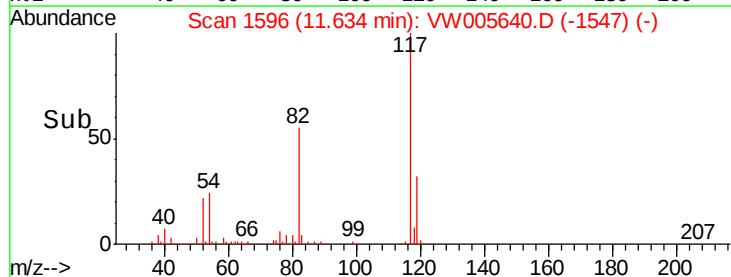
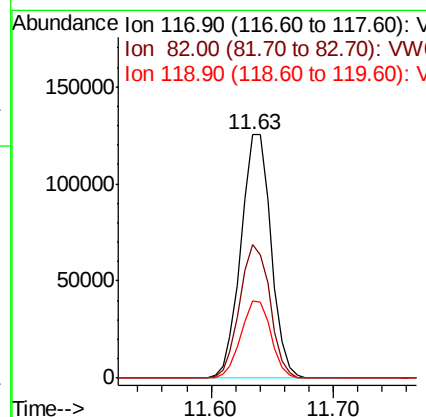
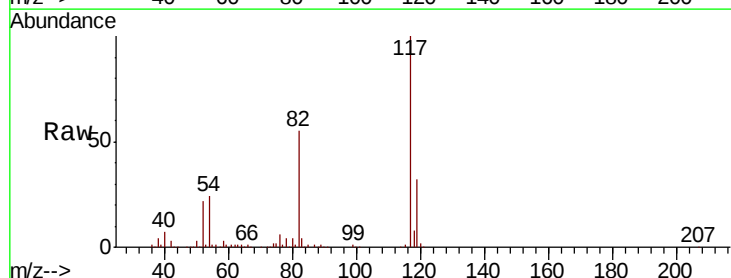
Instrument :
MSVOA_W
ClientSampleId :
JC-02-092118-IRE

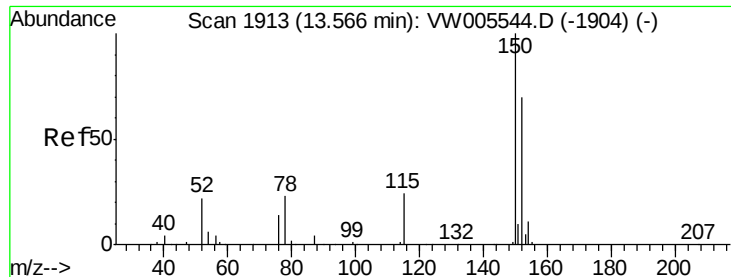
Tgt Ion: 95 Resp: 110561
Ion Ratio Lower Upper
95 100
174 83.8 0.0 163.8
176 80.9 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005640.D
Acq: 26 Sep 2018 05:56

Tgt Ion: 117 Resp: 213561
Ion Ratio Lower Upper
117 100
82 54.9 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: VW005640.D

Acq: 26 Sep 2018 05:56

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-IRE

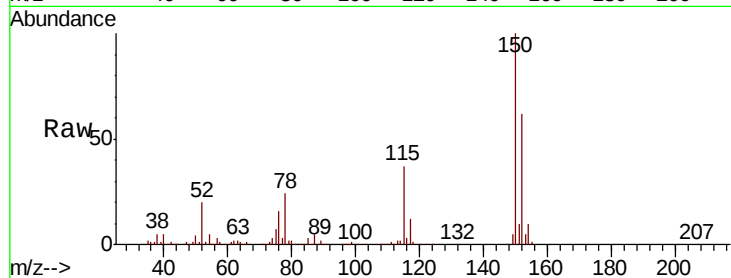
Tgt Ion:152 Resp: 93250

Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

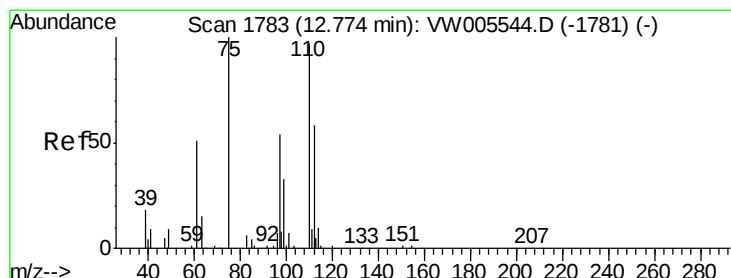
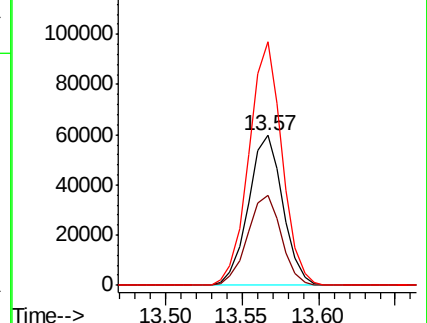
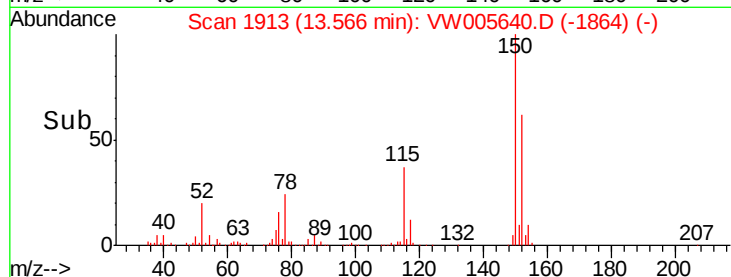
150 156.6 0.0 348.6



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: 71.621 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005640.D

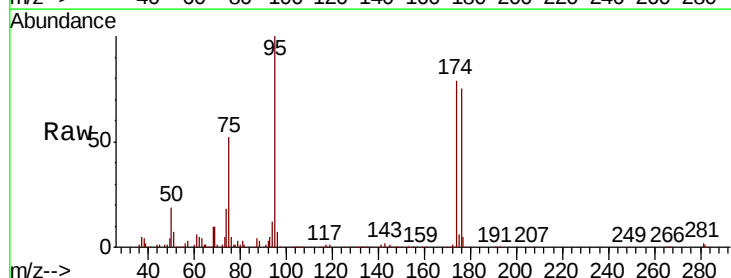
Acq: 26 Sep 2018 05:56

Tgt Ion: 75 Resp: 56931

Ion Ratio Lower Upper

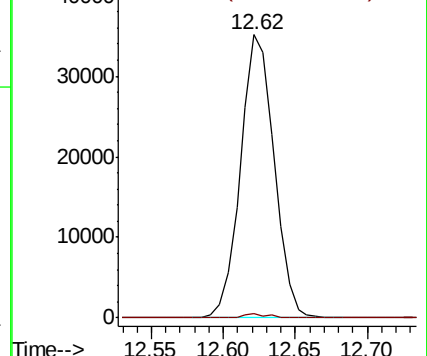
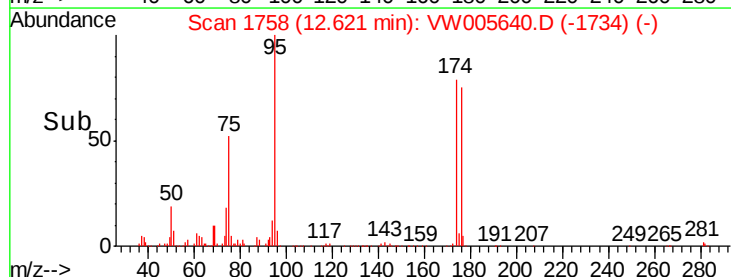
75 100

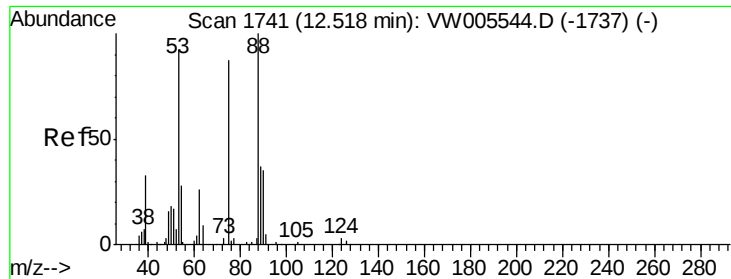
77 1.2 0.0 0.0#



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: 161.312 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005640.D

Acq: 26 Sep 2018 05:56

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-IRE

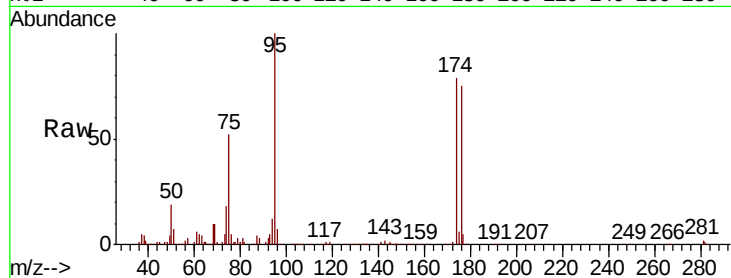
Tgt Ion: 75 Resp: 56931

Ion Ratio Lower Upper

75 100

53 0.3 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

