

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031119\
 Data File : VW009115.D
 Acq On : 12 Mar 2019 05:45
 Operator : SY/VA
 Sample : K1847-09
 Misc : 6.64G/5ML/MSVOA_W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-7B-G-9-031119

Quant Time: Mar 12 08:20:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	280178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	447653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	392645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	172300	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	165037	58.55	ug/l	0.00
Spiked Amount			Recovery	=	117.10%	
35) Dibromofluoromethane	7.88	113	138004	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
50) Toluene-d8	10.32	98	538810	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.62	95	173611	39.84	ug/l	0.00
Spiked Amount			Recovery	=	79.68%	

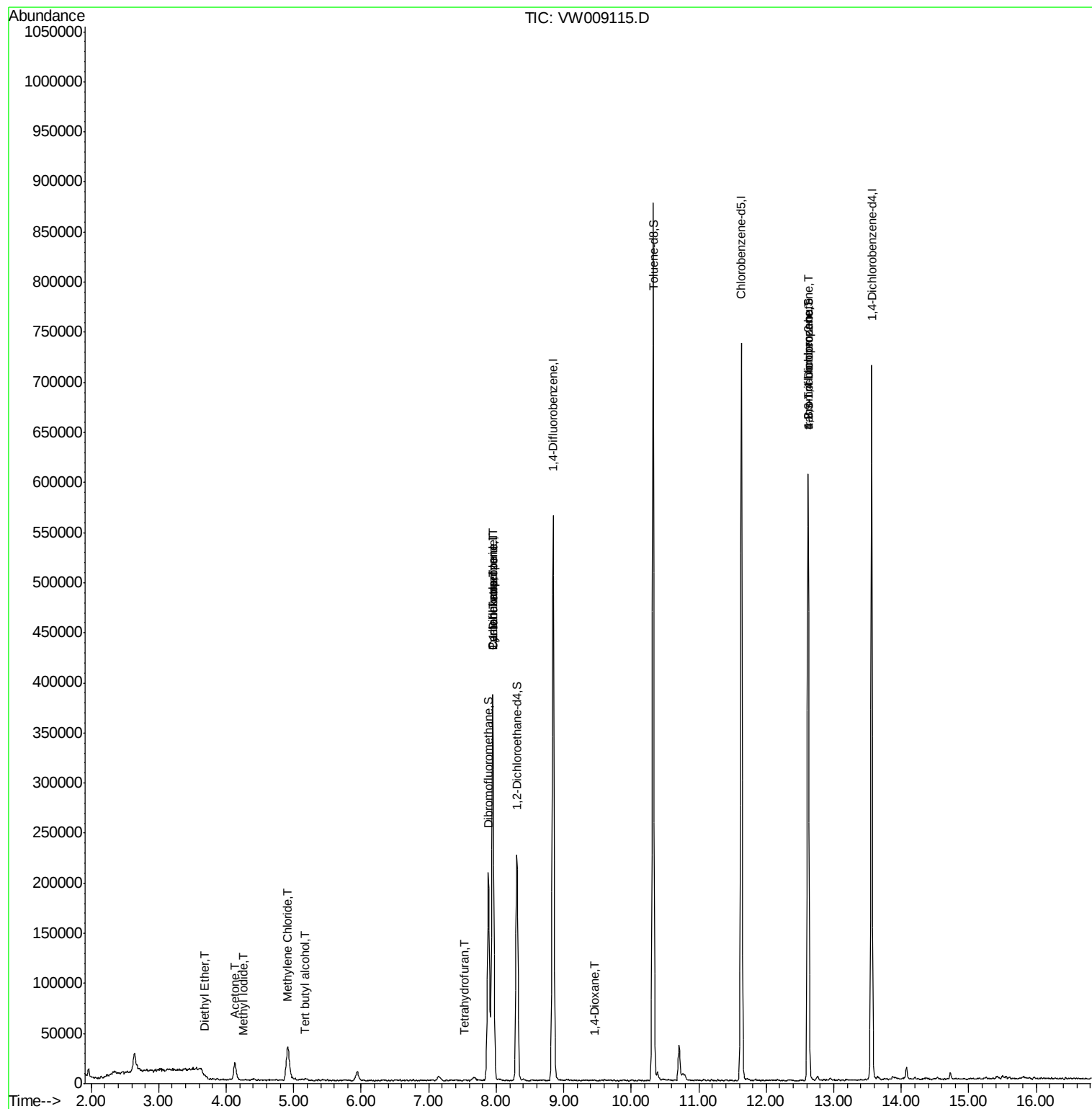
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.69	74	1637	1.142	ug/l	83
10) Methyl Iodide	4.26	142	56	3.204	ug/l #	40
11) Tert butyl alcohol	5.18	59	658	3.046	ug/l #	61
16) Acetone	4.14	43	31127	48.934	ug/l	96
20) Methylene Chloride	4.92	84	25015	3.291	ug/l	93
29) Tetrahydrofuran	7.53	42	711	1.283	ug/l #	60
31) Cyclohexane	7.95	56	7521	1.431	ug/l #	44
36) 1,1-Dichloropropene	7.95	75	22793	4.870	ug/l #	50
38) Carbon Tetrachloride	7.95	117	27857	5.763	ug/l #	20
49) 1,4-Dioxane	9.46	88	45	1.839	ug/l #	58
76) 1,2,3-Trichloropropane	12.62	75	94761	69.610	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	94761	155.699	ug/l #	5

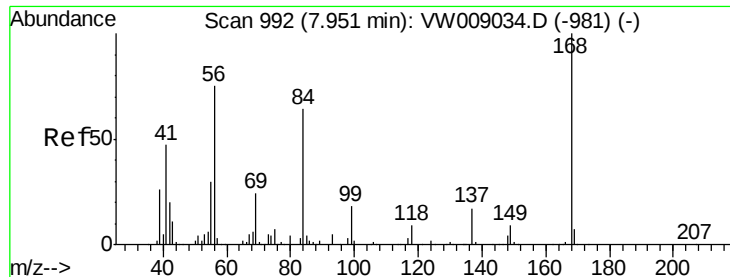
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW031119\
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Quant Time: Mar 12 08:20:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 05:22:30 2019
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: VW009115.D

Acq: 12 Mar 2019 05:45

Instrument :

MSVOA_W

ClientSampleId :

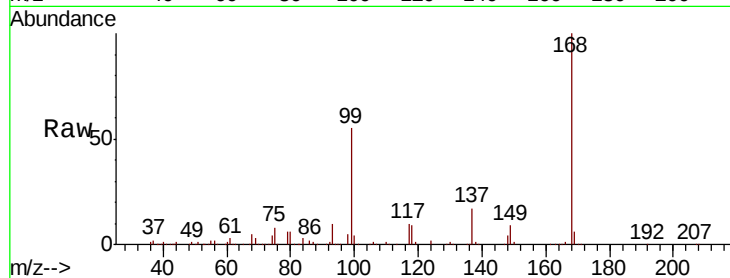
SUP-7B-G-9-031119

Tgt Ion:168 Resp: 280178

Ion Ratio Lower Upper

168 100

99 54.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

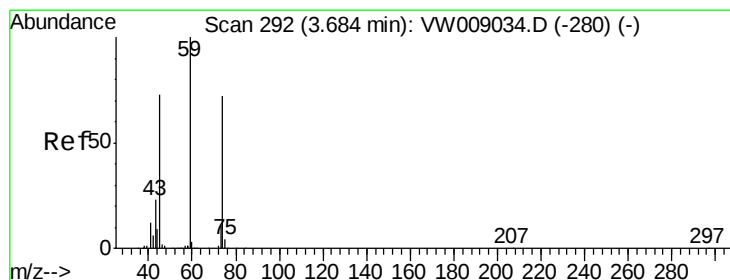
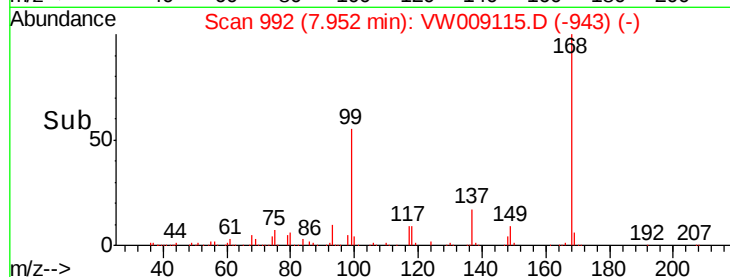
100000

50000

0

7.90 8.00

Time-->



#8

Diethyl Ether

Concen: 1.142 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW009115.D

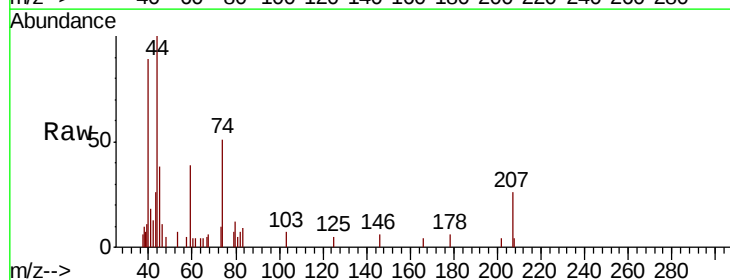
Acq: 12 Mar 2019 05:45

Tgt Ion: 74 Resp: 1637

Ion Ratio Lower Upper

74 100

45 121.9 52.3 157.1



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

800

600

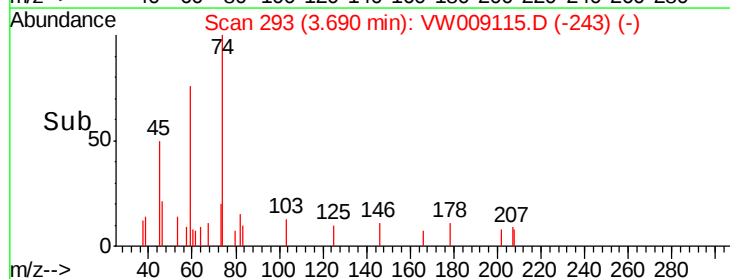
400

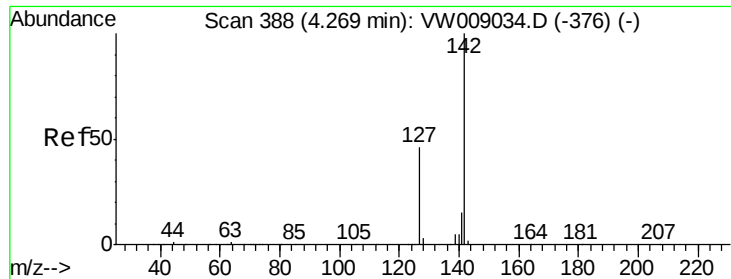
200

0

3.60 3.65 3.70 3.75

Time-->

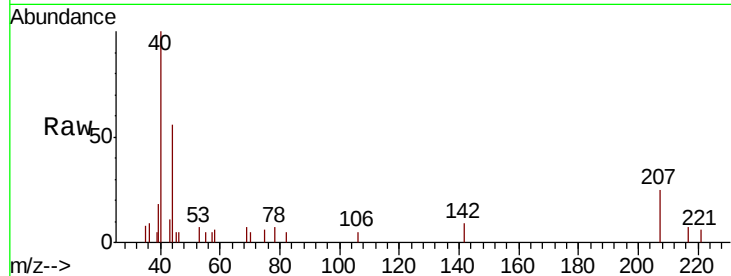




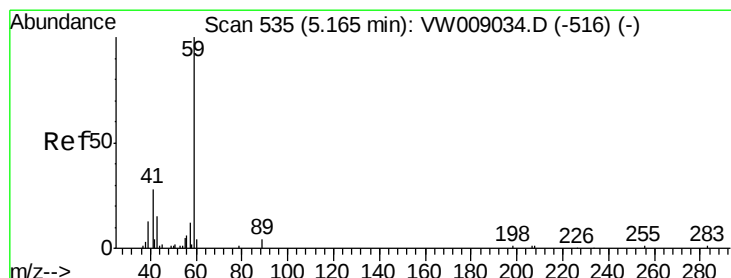
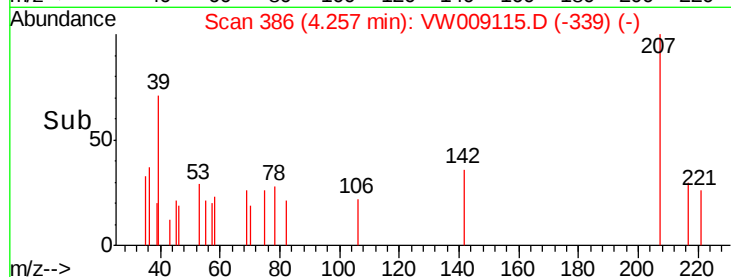
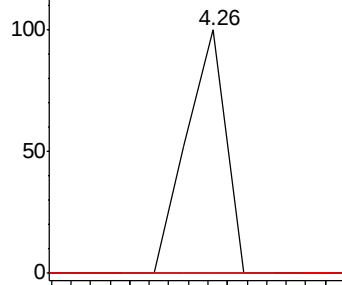
#10
Methyl Iodide
Concen: 3.204 ug/l
RT: 4.26 min Scan# 386
Delta R.T. -0.01 min
Lab File: VW009115.D
Acq: 12 Mar 2019 05:45

Instrument :
MSVOA_W
ClientSampleId :
SUP-7B-G-9-031119

Tgt Ion: 142 Resp: 56
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.6#
141 0.0 11.8 17.8#

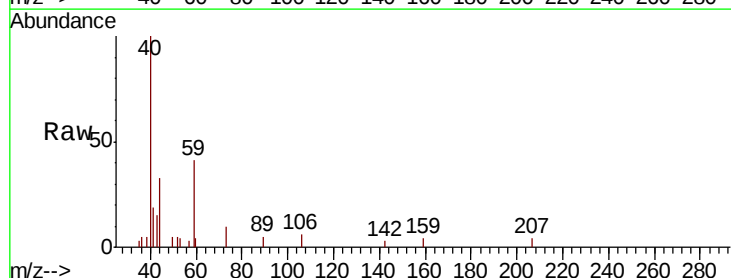


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

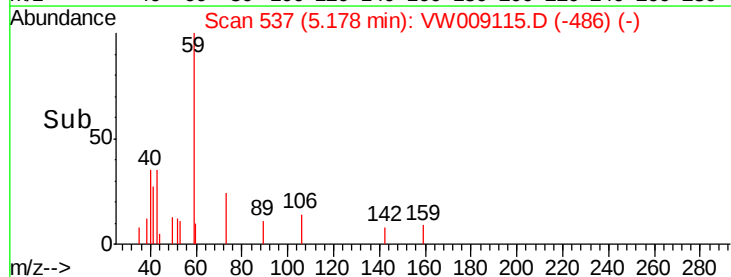
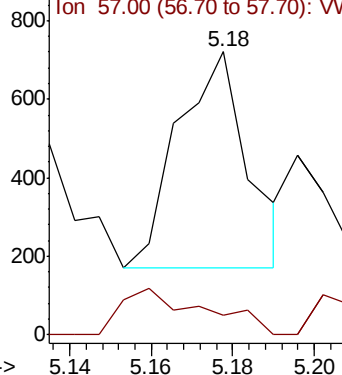


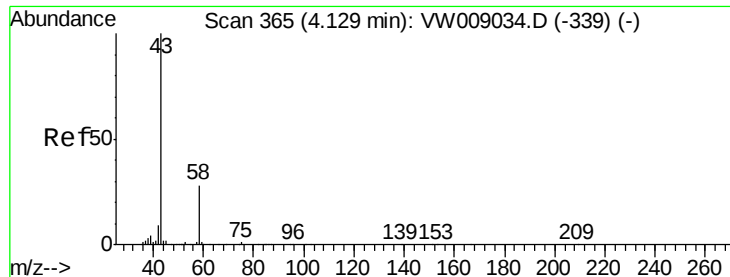
#11
Tert butyl alcohol
Concen: 3.046 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW009115.D
Acq: 12 Mar 2019 05:45

Tgt Ion: 59 Resp: 658
Ion Ratio Lower Upper
59 100
57 25.2 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW
Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 48.934 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW009115.D

Acq: 12 Mar 2019 05:45

Instrument :

MSVOA_W

ClientSampleId :

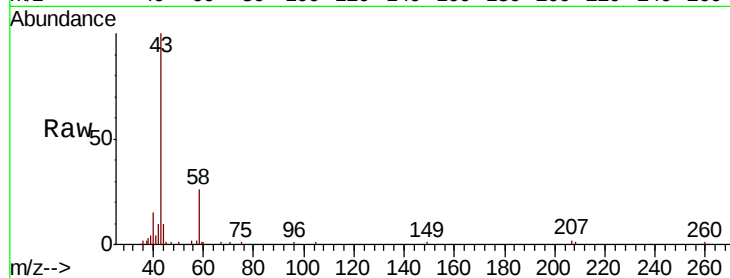
SUP-7B-G-9-031119

Tgt Ion: 43 Resp: 31127

Ion Ratio Lower Upper

43 100

58 26.0 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

12000

10000

8000

6000

4000

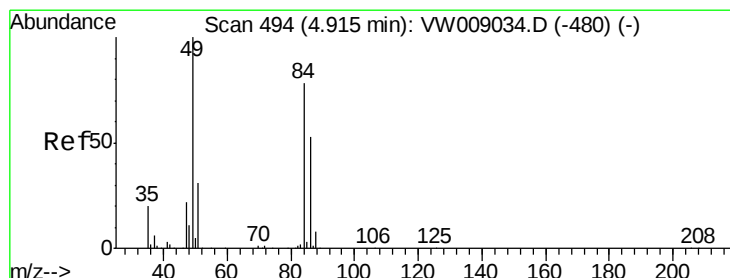
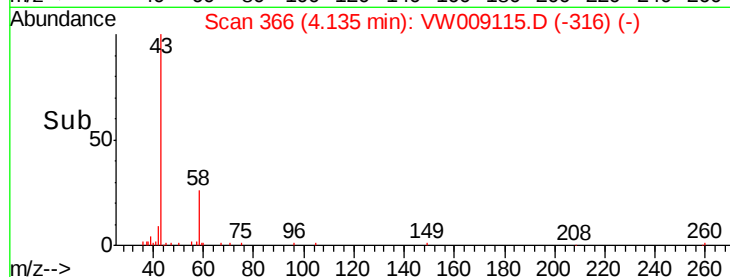
2000

0

Time-->

4.00 4.10 4.20

4.14



#20

Methylene Chloride

Concen: 3.291 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009115.D

Acq: 12 Mar 2019 05:45

Tgt Ion: 84 Resp: 25015

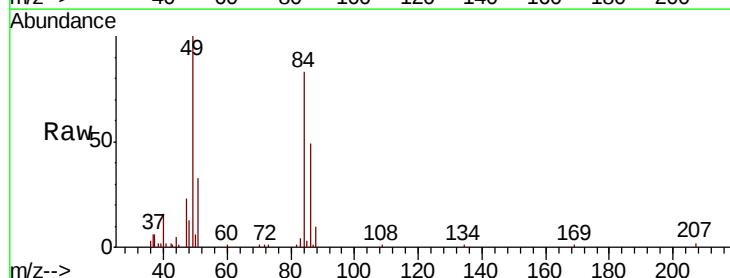
Ion Ratio Lower Upper

84 100

49 120.3 102.4 153.6

51 39.4 31.6 47.4

86 59.5 54.5 81.7



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

15000

10000

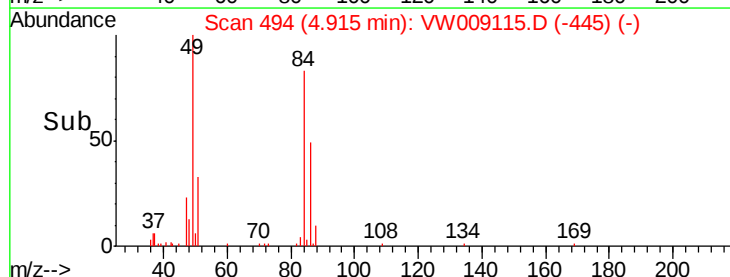
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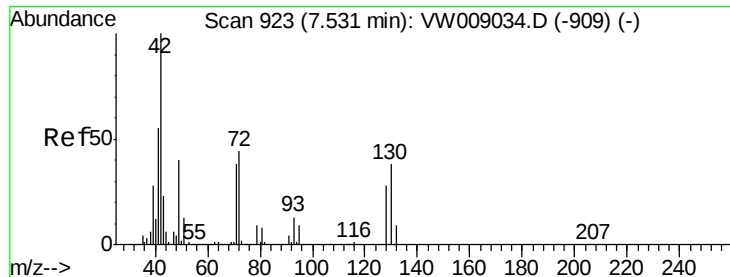
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Time-->

4.80 4.90 5.00

4.92

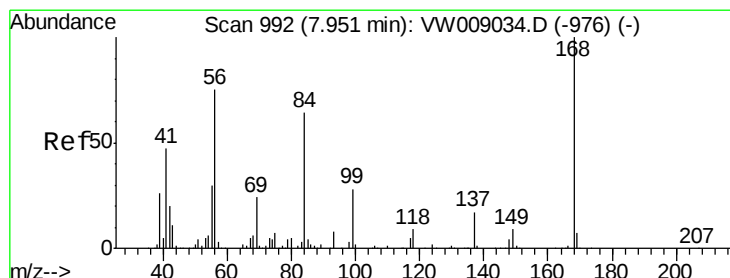
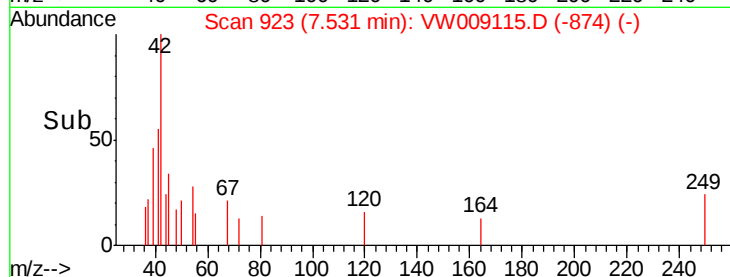
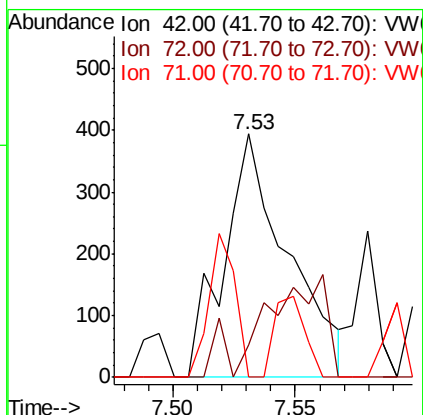
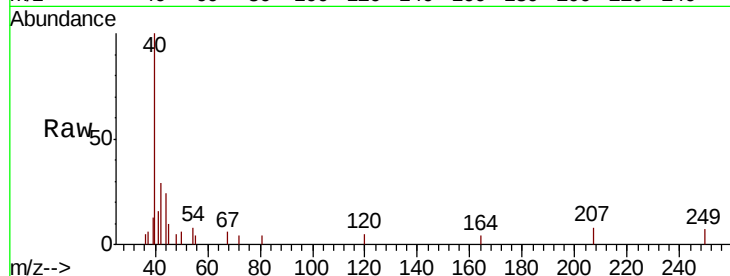




#29
Tetrahydrofuran
Concen: 1.283 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW009115.D
Acq: 12 Mar 2019 05:45

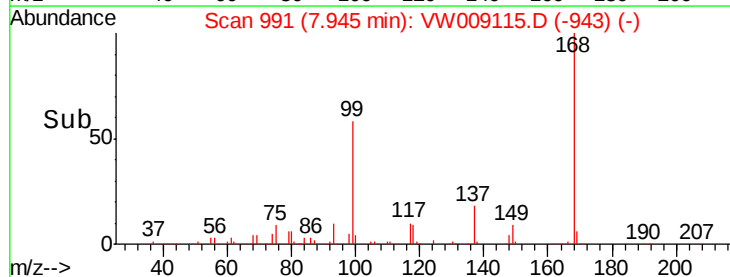
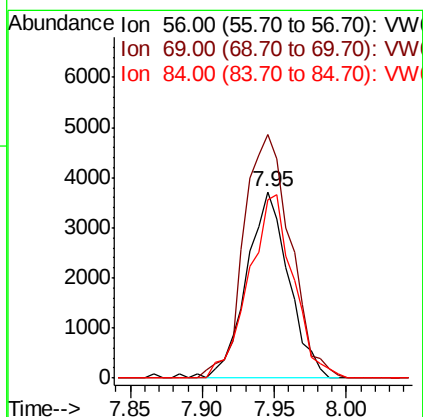
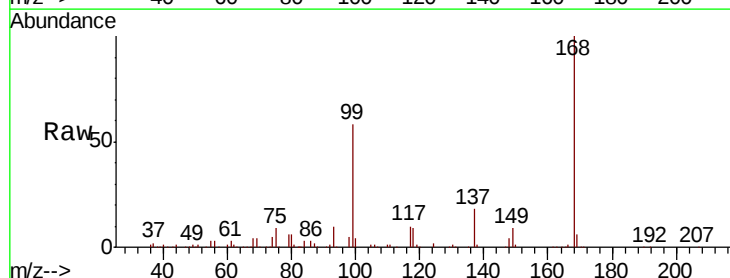
Instrument :
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SUP-7B-G-9-031119

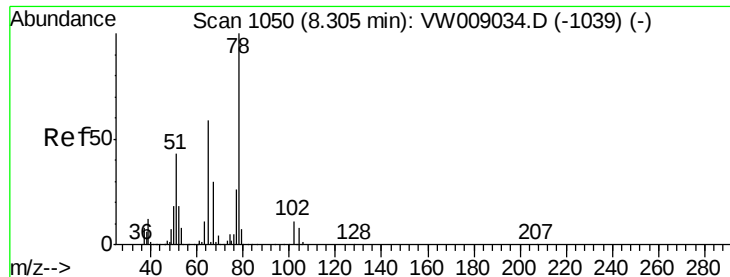
Tgt Ion: 42 Resp: 711
Ion Ratio Lower Upper
42 100
72 4.9 32.2 48.4#
71 24.5 30.7 46.1#



#31
Cyclohexane
Concen: 1.431 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW009115.D
Acq: 12 Mar 2019 05:45

Tgt Ion: 56 Resp: 7521
Ion Ratio Lower Upper
56 100
69 130.6 25.5 38.3#
84 95.4 68.6 103.0

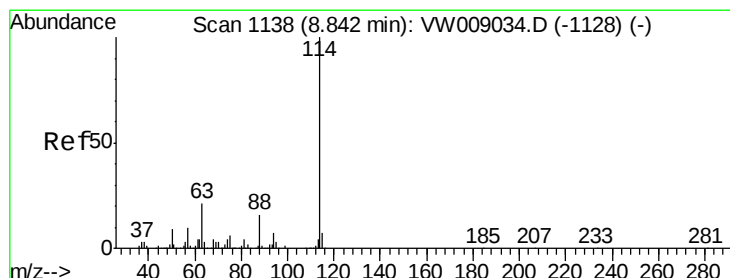
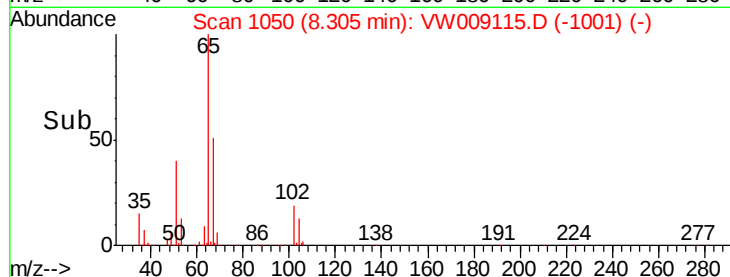
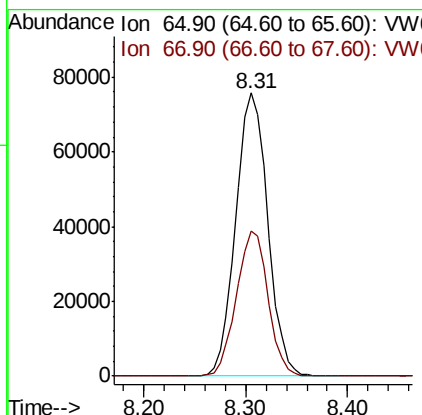
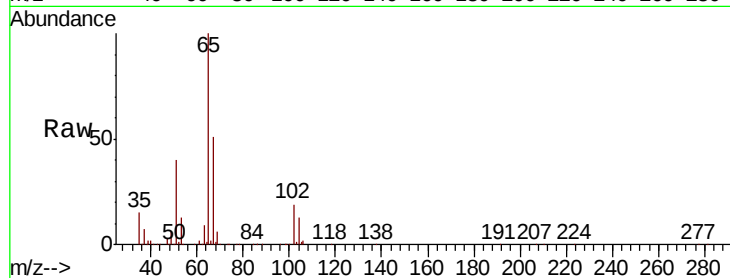




#33
 1,2-Dichloroethane-d4
 Concen: 58.547 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009115.D
 Acq: 12 Mar 2019 05:45

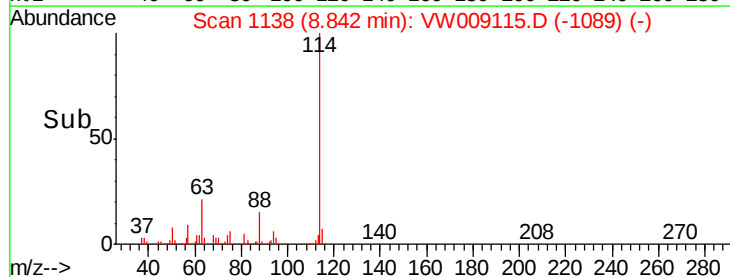
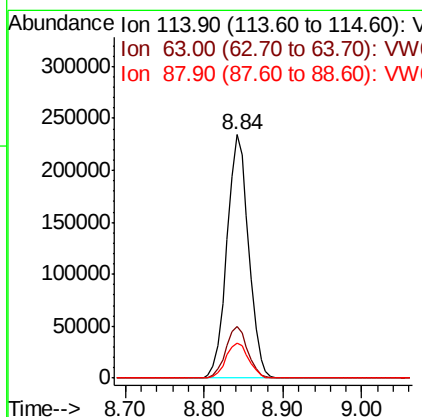
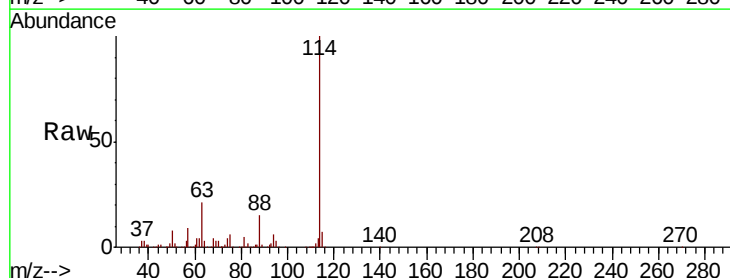
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 ClientSampleId :
 SUP-7B-G-9-031119

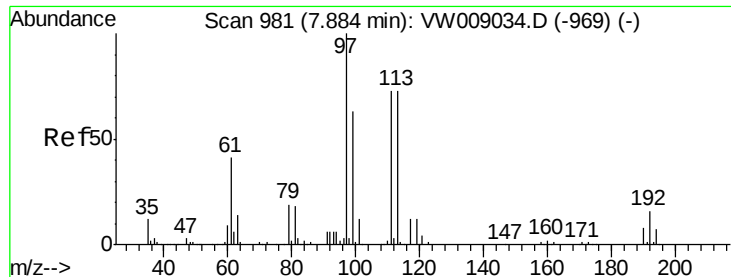
Tgt Ion: 65 Resp: 165037
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009115.D
 Acq: 12 Mar 2019 05:45

Tgt Ion: 114 Resp: 447653
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 41.2
 88 14.5 0.0 31.2

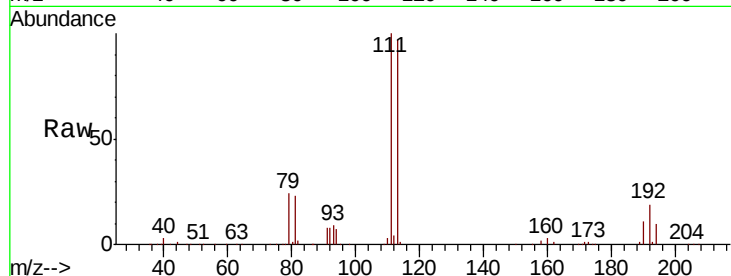




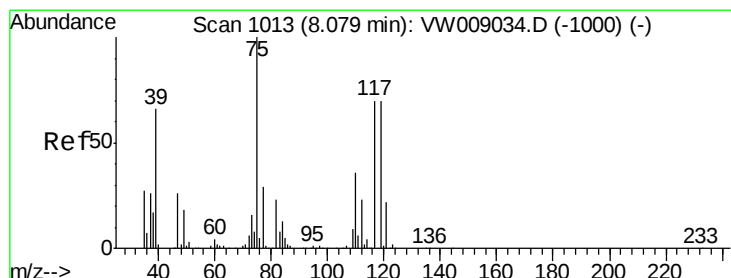
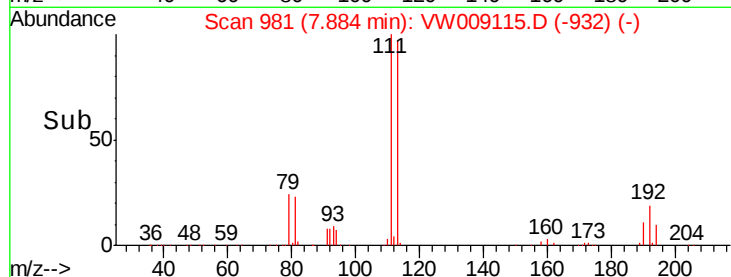
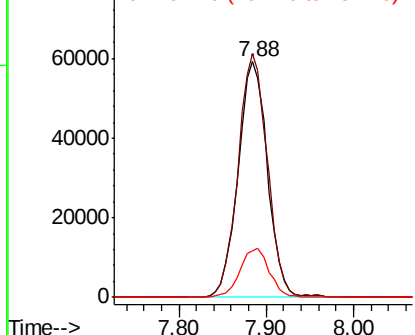
#35
 Dibromofluoromethane
 Concen: 51.202 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW009115.D
 Acq: 12 Mar 2019 05:45

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-7B-G-9-031119

Tgt Ion:113 Resp: 138004
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.0 121.4
 192 20.7 17.1 25.7

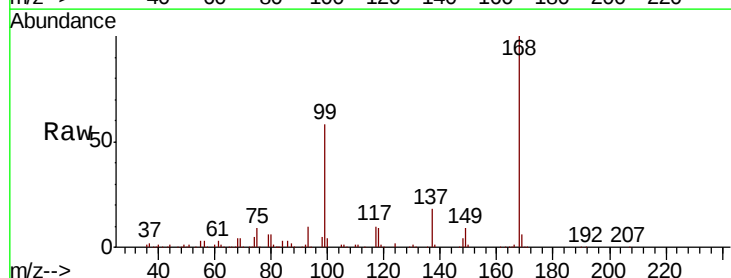


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

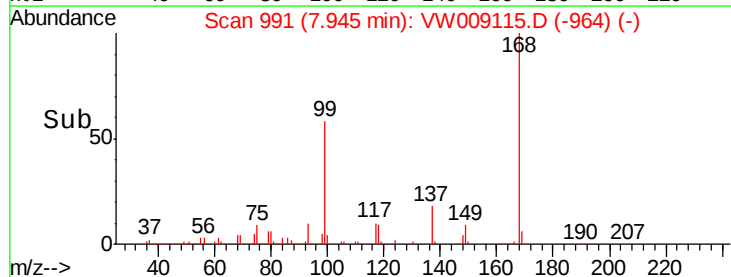
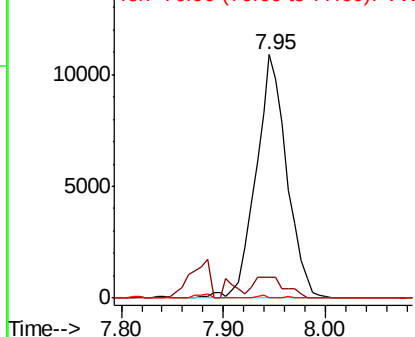


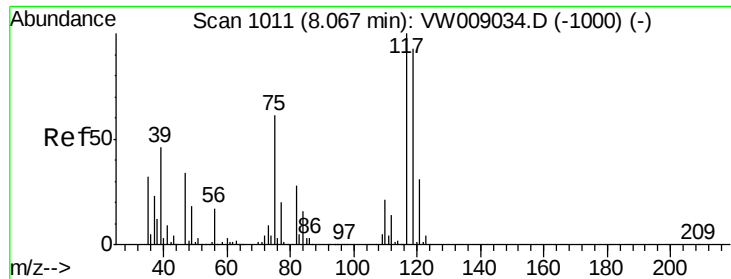
#36
 1,1-Dichloropropene
 Concen: 4.870 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW009115.D
 Acq: 12 Mar 2019 05:45

Tgt Ion: 75 Resp: 22793
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.6 52.9#
 77 0.3 25.1 37.7#



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: 5.763 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW009115.D

Acq: 12 Mar 2019 05:45

Instrument :

MSVOA_W

ClientSampleId :

SUP-7B-G-9-031119

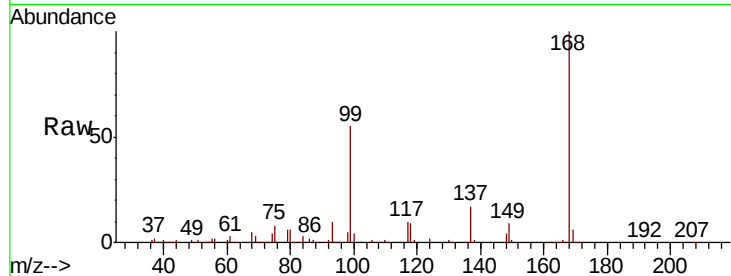
Tgt Ion:117 Resp: 27857

Ion Ratio Lower Upper

117 100

119 8.6 74.6 112.0#

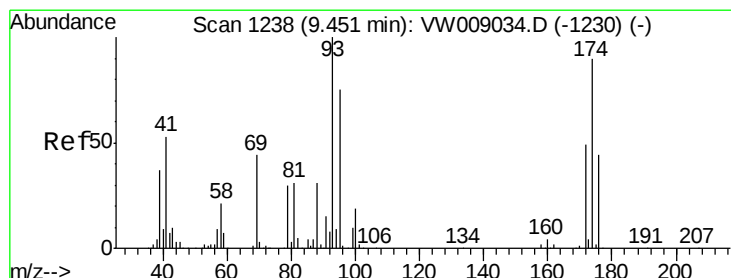
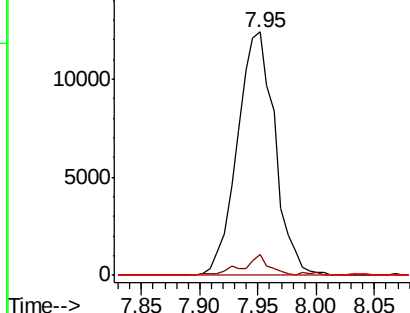
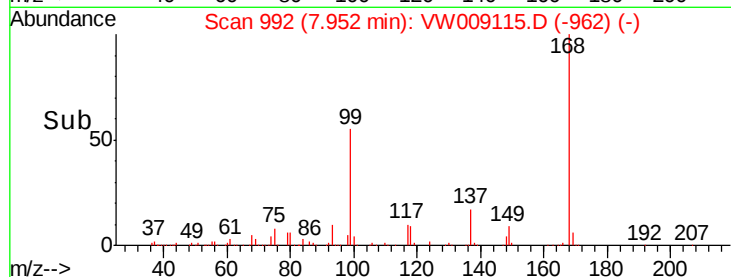
121 0.0 24.7 37.1#



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



#49

1,4-Dioxane

Concen: 1.839 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW009115.D

Acq: 12 Mar 2019 05:45

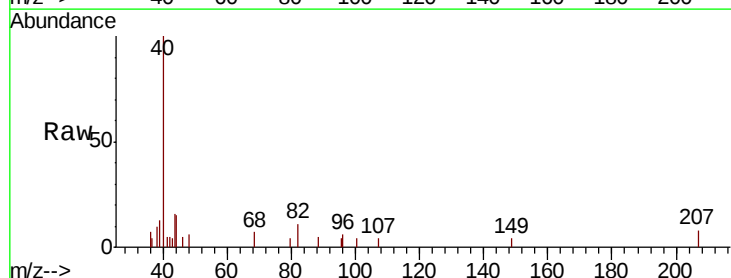
Tgt Ion: 88 Resp: 45

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

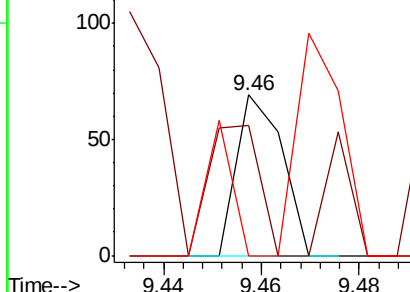
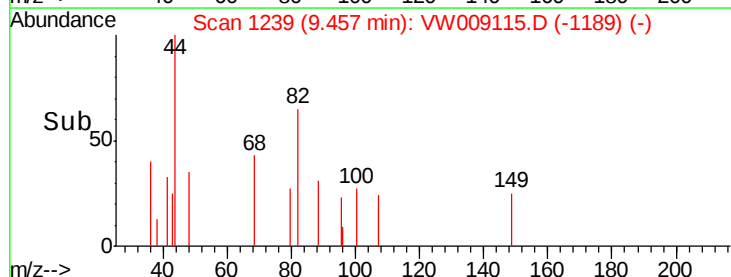
58 46.7 59.2 88.8#

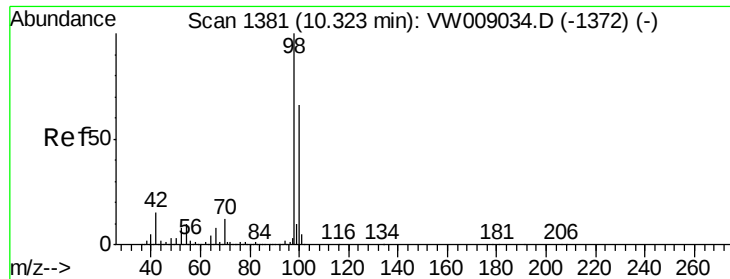


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 48.673 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009115.D

Acq: 12 Mar 2019 05:45

Instrument :

MSVOA_W

ClientSampleId :

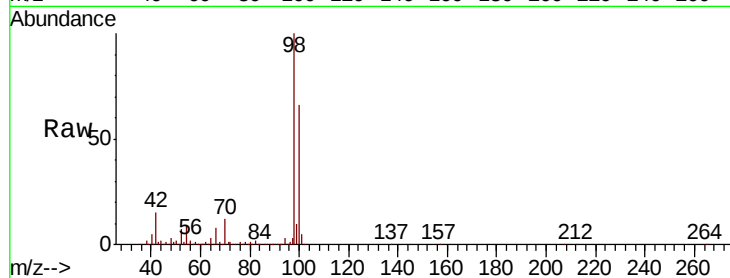
SUP-7B-G-9-031119

Tgt Ion: 98 Resp: 538810

Ion Ratio Lower Upper

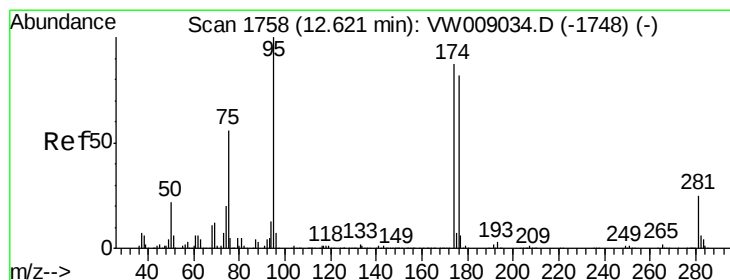
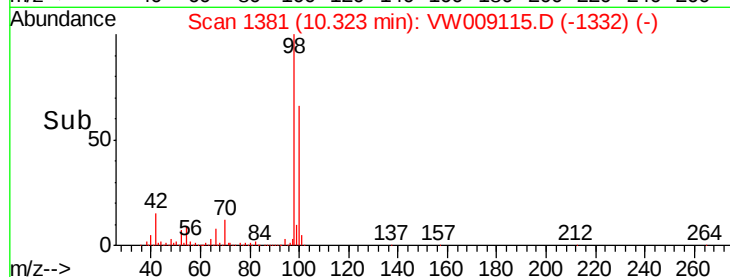
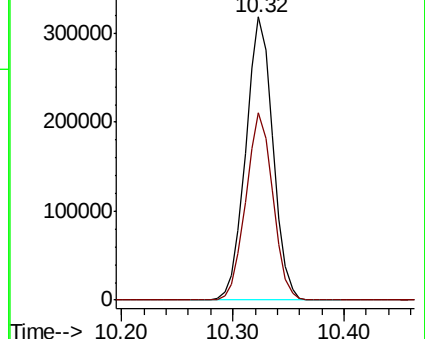
98 100

100 65.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 39.839 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009115.D

Acq: 12 Mar 2019 05:45

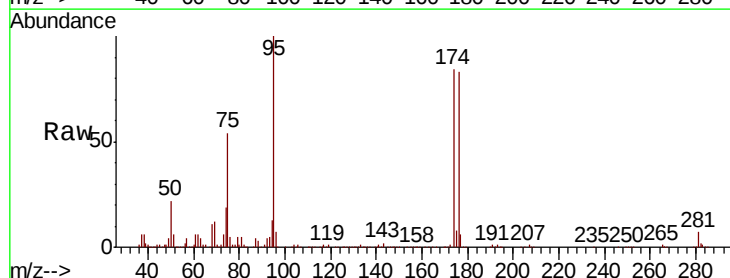
Tgt Ion: 95 Resp: 173611

Ion Ratio Lower Upper

95 100

174 83.1 0.0 167.0

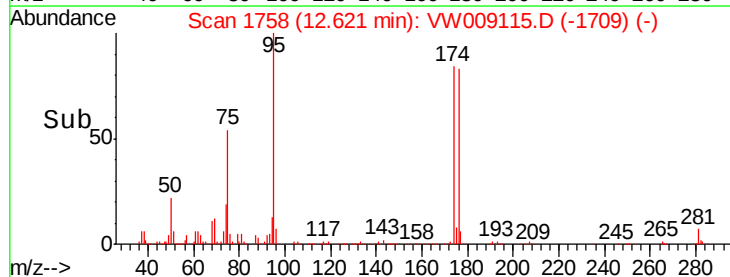
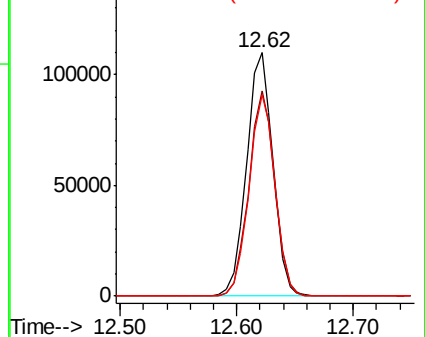
176 81.7 0.0 159.4

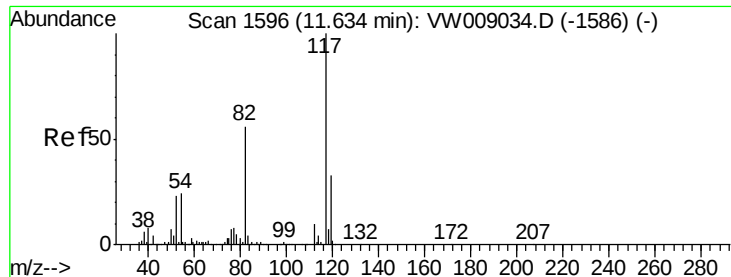


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

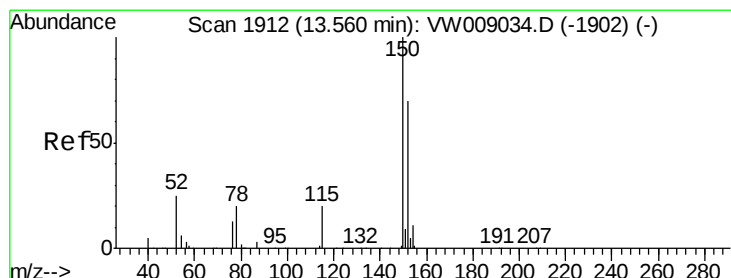
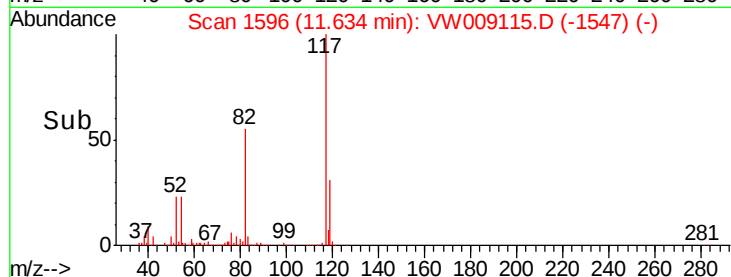
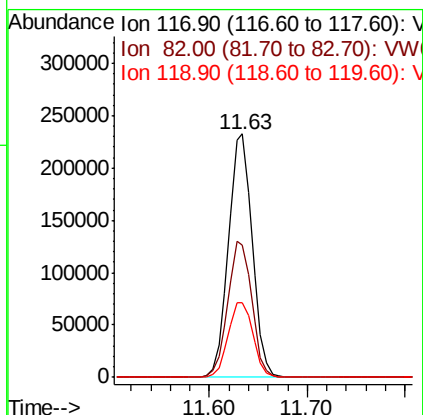
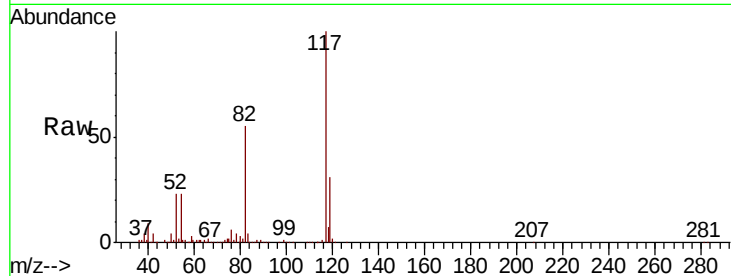




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009115.D
Acq: 12 Mar 2019 05:45

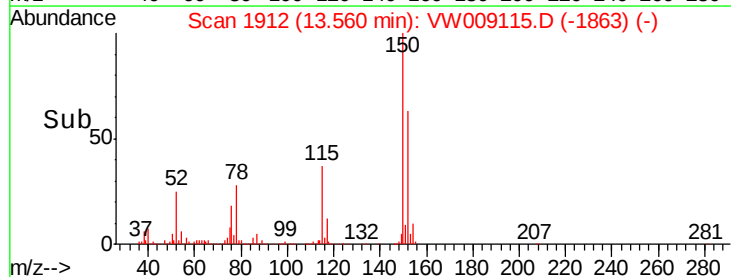
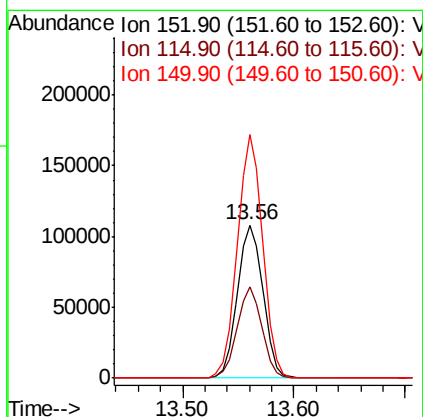
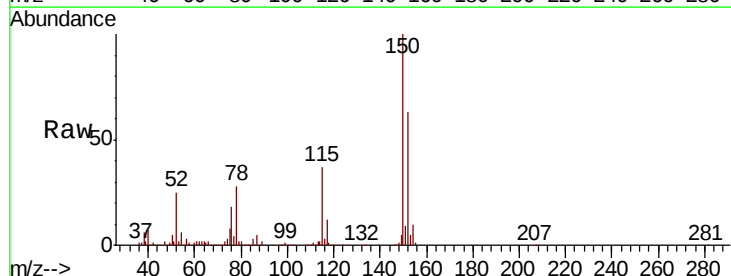
Instrument :
MSVOA_W
ClientSampleId :
SUP-7B-G-9-031119

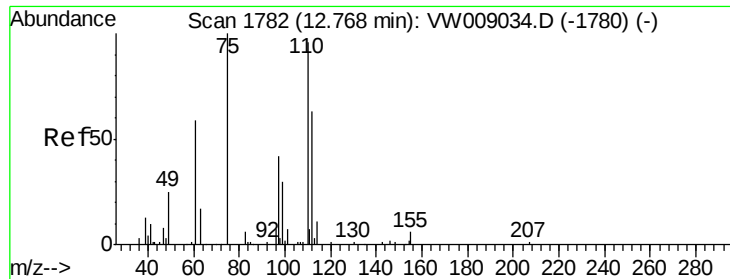
Tgt Ion:117 Resp: 392645
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.6
119 30.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009115.D
Acq: 12 Mar 2019 05:45

Tgt Ion:152 Resp: 172300
Ion Ratio Lower Upper
152 100
115 57.6 28.9 86.7
150 156.1 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 69.610 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW009115.D

Acq: 12 Mar 2019 05:45

Instrument :

MSVOA_W

ClientSampleId :

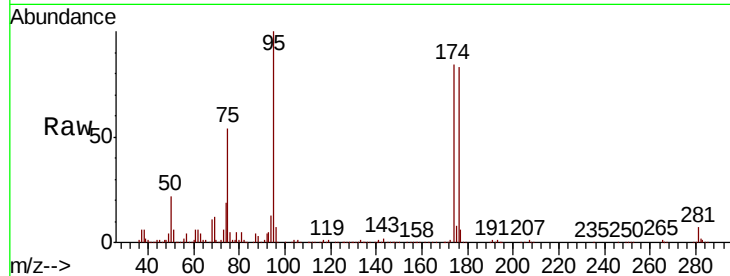
SUP-7B-G-9-031119

Tgt Ion: 75 Resp: 94761

Ion Ratio Lower Upper

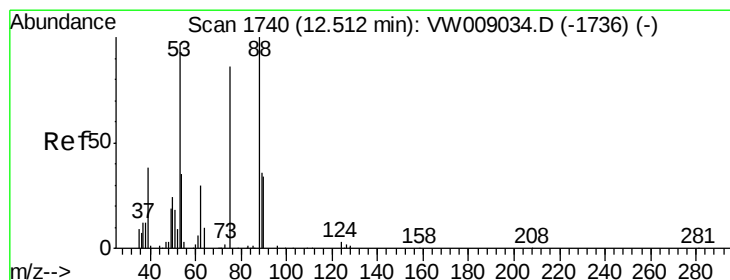
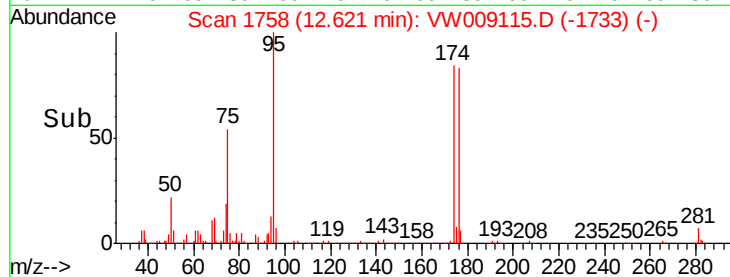
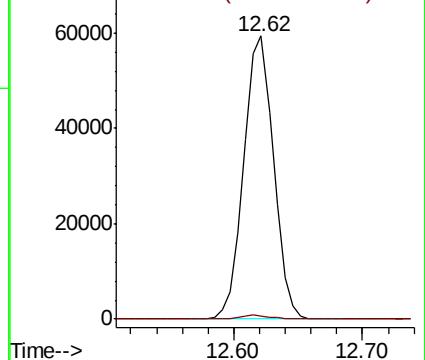
75 100

77 1.3 186.7 560.0#



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: 155.699 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009115.D

Acq: 12 Mar 2019 05:45

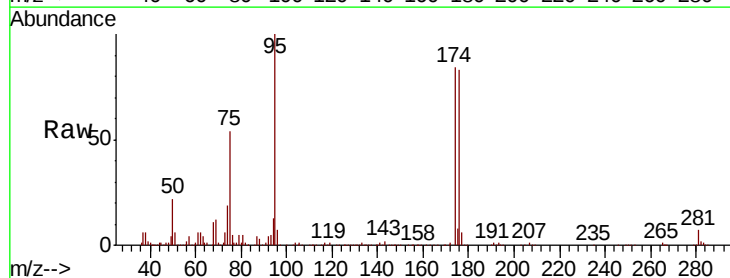
Tgt Ion: 75 Resp: 94761

Ion Ratio Lower Upper

75 100

53 0.3 90.5 135.7#

89 0.2 37.5 56.3#



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

