

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005286.D
 Acq On : 11 Sep 2018 19:43
 Operator : SY/AP
 Sample : J4838-05
 Misc : 5.67G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-1B-G-090718-2

Quant Time: Sep 12 01:34:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	438666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	701379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	679603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	315917	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	190915	58.35	ug/l	0.00
Spiked Amount			Recovery	=	116.70%	
35) Dibromofluoromethane	7.89	113	162087	44.12	ug/l	0.00
Spiked Amount			Recovery	=	88.24%	
50) Toluene-d8	10.33	98	703354	37.88	ug/l	0.00
Spiked Amount			Recovery	=	75.76%	
62) 4-Bromofluorobenzene	12.62	95	253836	37.38	ug/l	0.00
Spiked Amount			Recovery	=	74.76%	

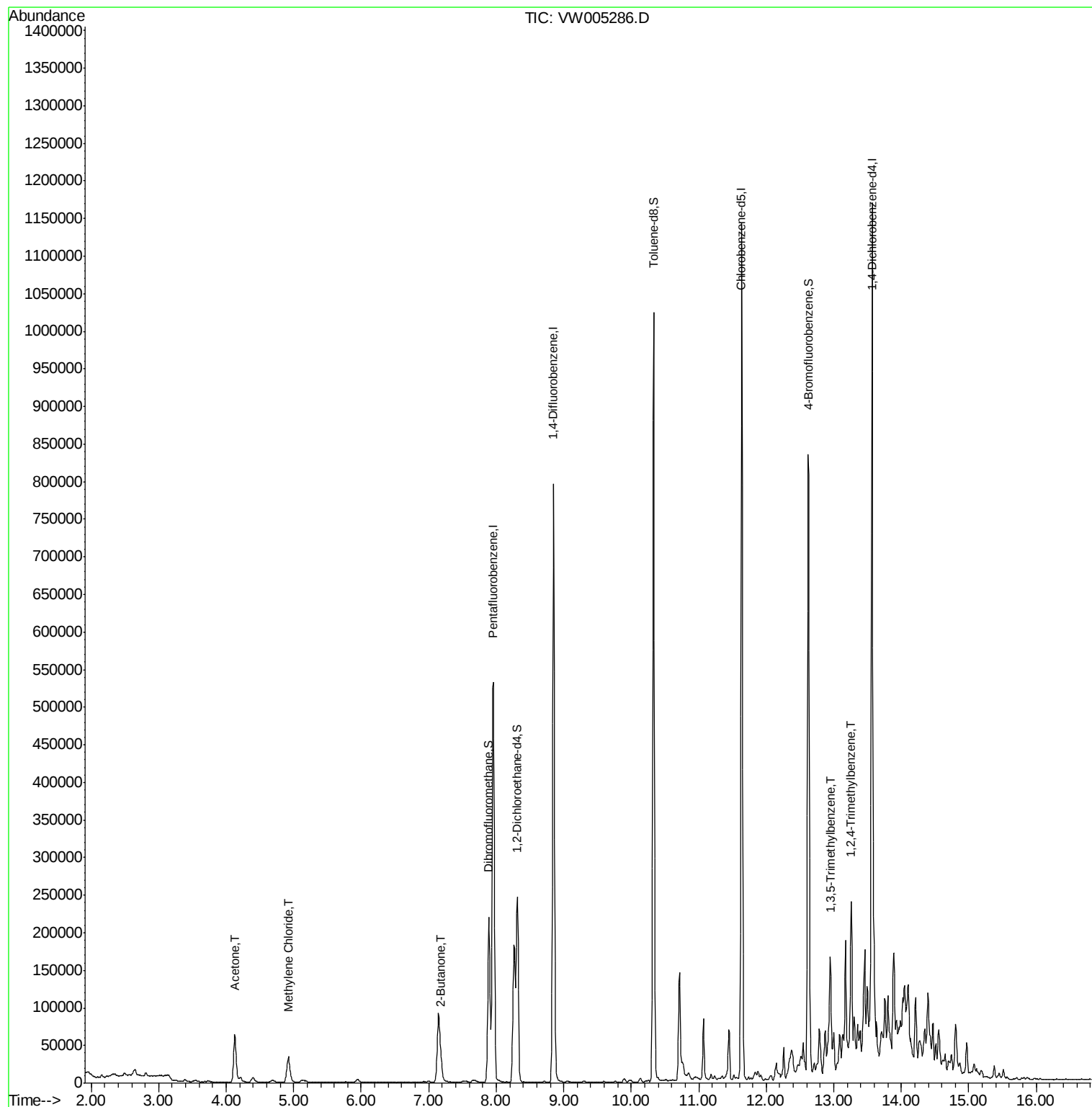
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	108914	179.34	ug/l	100
20) Methylene Chloride	4.93	84	27669	3.04	ug/l	92
25) 2-Butanone	7.18	43	39470	41.20	ug/l	90
80) 1,3,5-Trimethylbenzene	12.95	105	30228	1.59	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	119431	6.25	ug/l	98

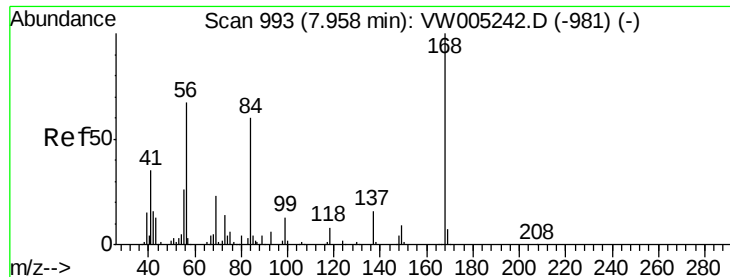
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005286.D

Acq: 11 Sep 2018 19:43

Instrument :

MSVOA_W

ClientSampleId :

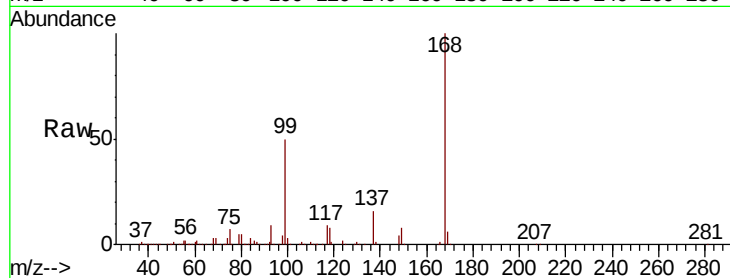
SUP-1B-G-090718-2

Tot Ion:168 Resp: 438666

Ion Ratio Lower Upper

168 100

99 49.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

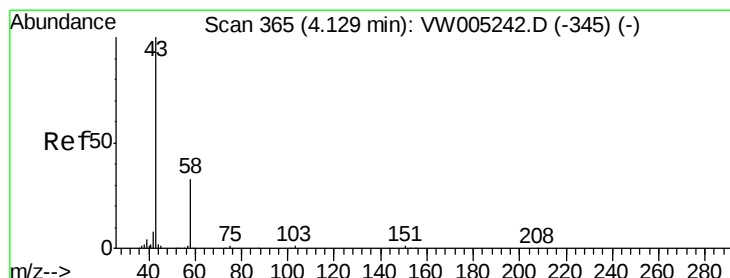
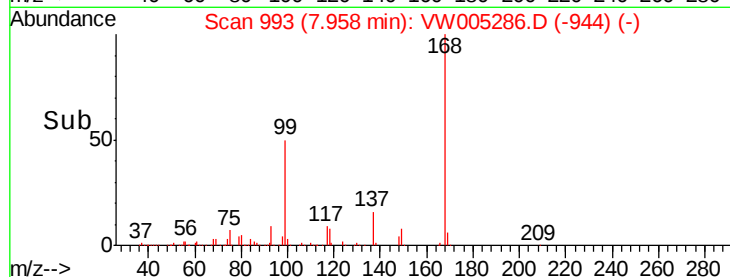
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 179.34 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005286.D

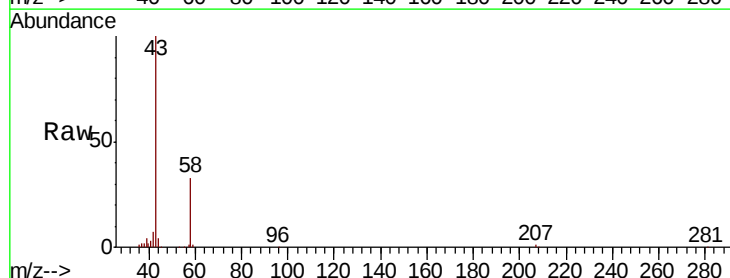
Acq: 11 Sep 2018 19:43

Tgt Ion: 43 Resp: 108914

Ion Ratio Lower Upper

43 100

58 33.2 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

40000

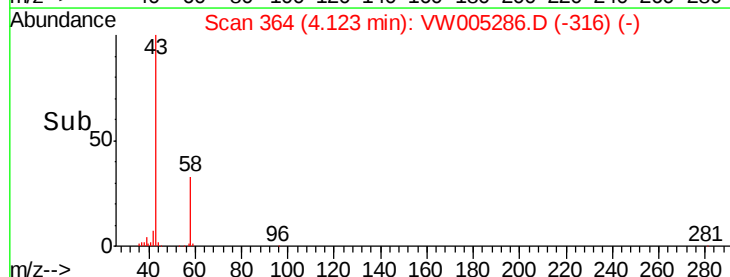
30000

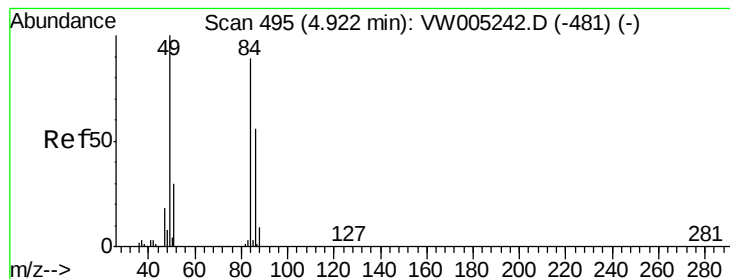
20000

10000

0

Time-->





#20

Methylene Chloride

Concen: 3.04 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW005286.D

Acq: 11 Sep 2018 19:43

Instrument :

MSVOA_W

ClientSampleId :

SUP-1B-G-090718-2

Tot Ion: 84 Resp: 27669

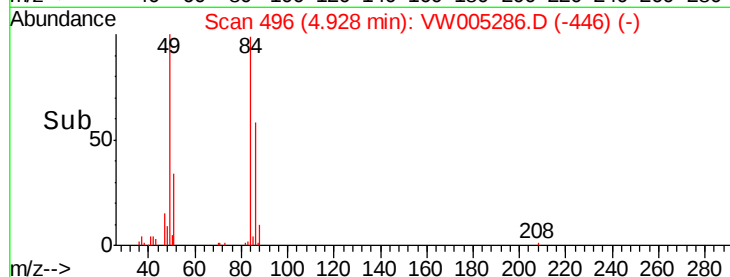
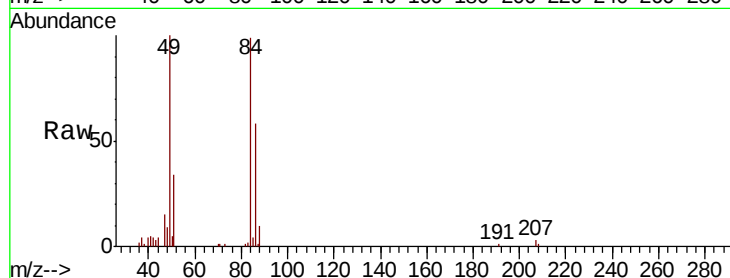
Ion Ratio Lower Upper

84 100

49 100.9 90.3 135.5

51 33.9 26.9 40.3

86 58.5 50.8 76.2

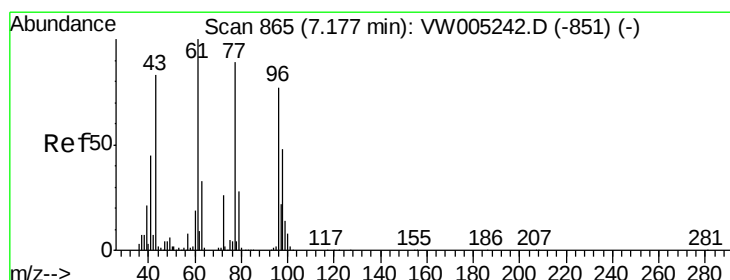
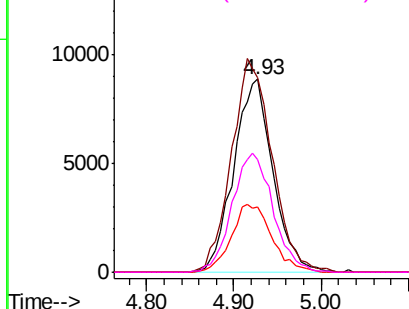


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#25

2-Butanone

Concen: 41.20 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005286.D

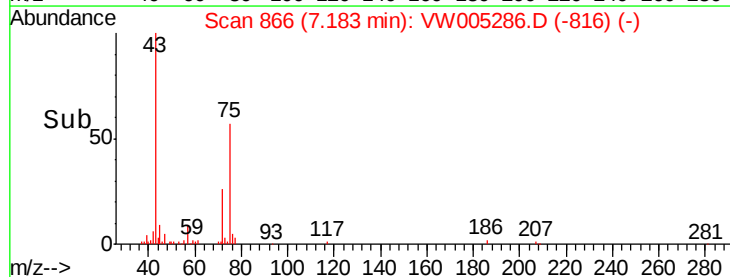
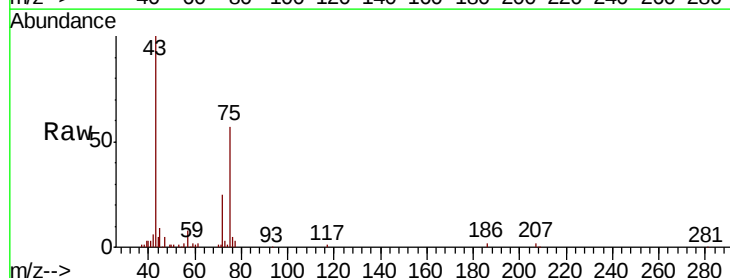
Acq: 11 Sep 2018 19:43

Tgt Ion: 43 Resp: 39470

Ion Ratio Lower Upper

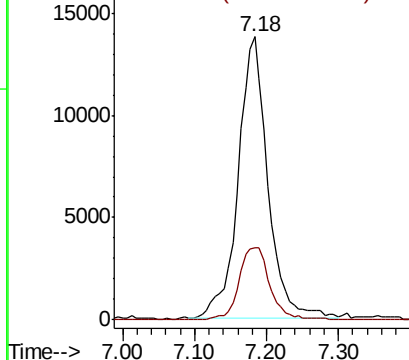
43 100

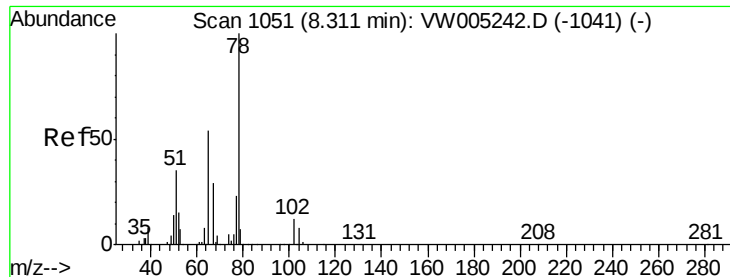
72 25.6 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#33

1,2-Dichloroethane-d4

Concen: 58.35 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005286.D

Acq: 11 Sep 2018 19:43

Instrument :

MSVOA_W

ClientSampleId :

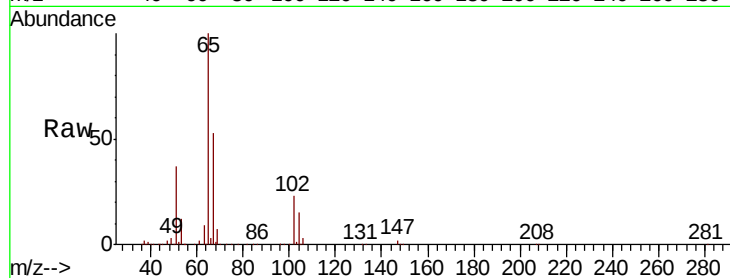
SUP-1B-G-090718-2

Tot Ion: 65 Resp: 190915

Ion Ratio Lower Upper

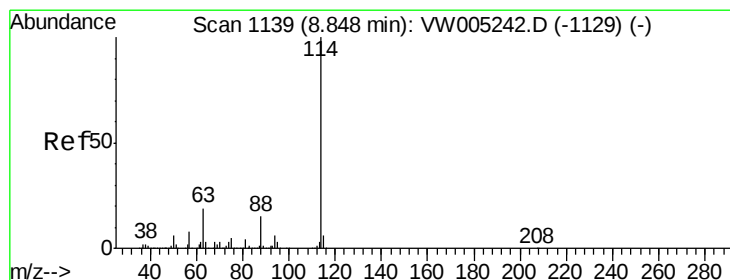
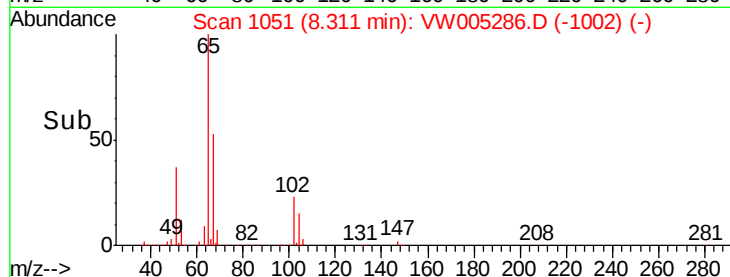
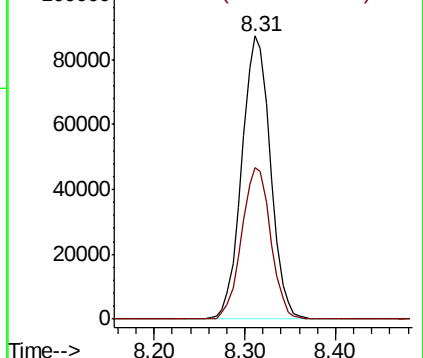
65 100

67 54.1 0.0 112.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW005286.D

Acq: 11 Sep 2018 19:43

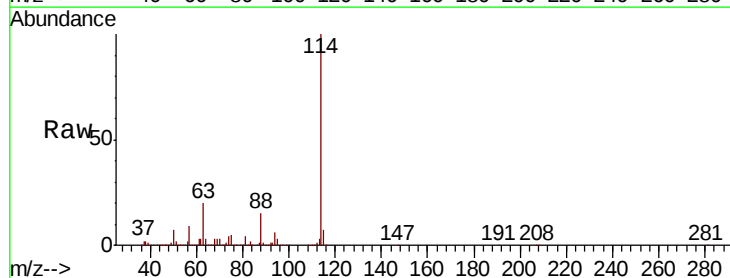
Tgt Ion: 114 Resp: 701379

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.0

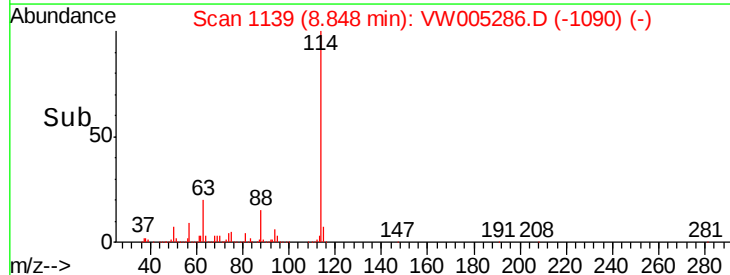
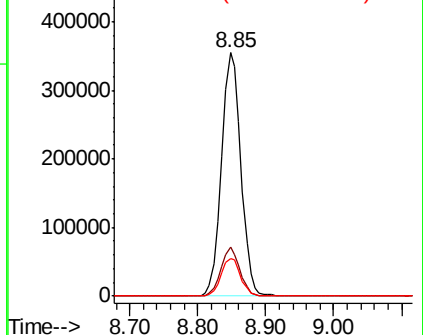
88 15.4 0.0 30.4

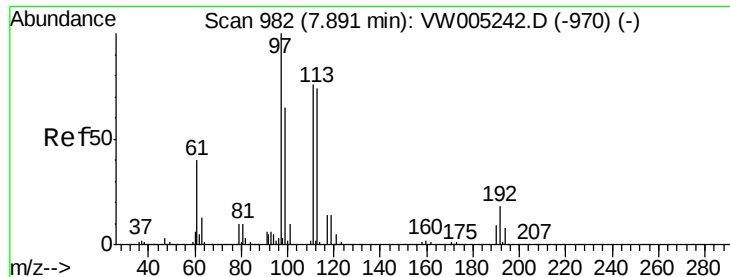


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

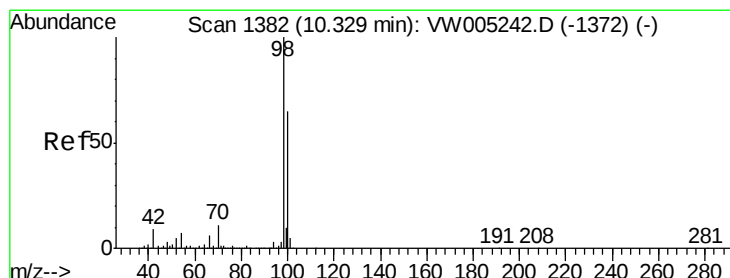
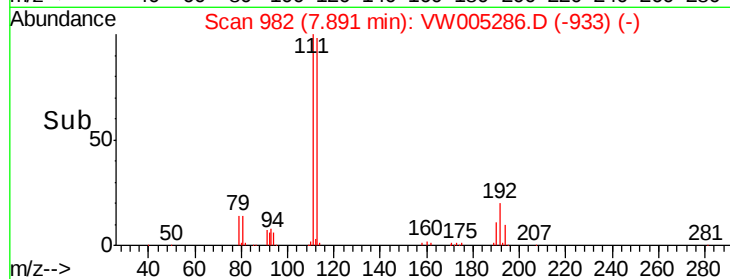
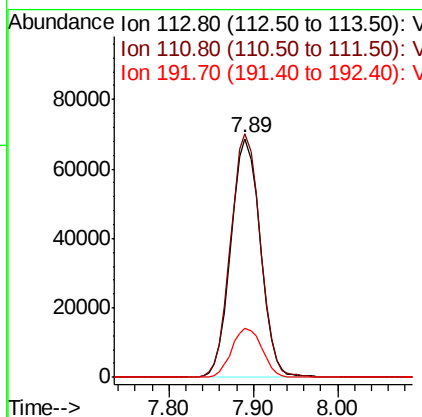
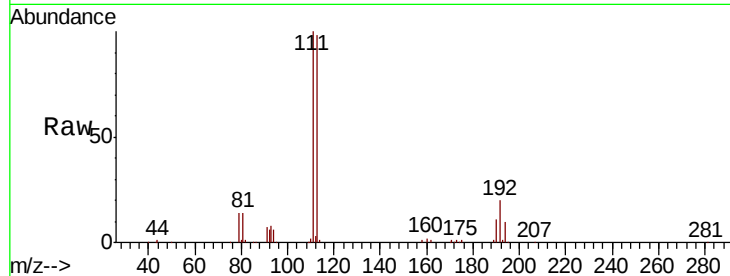




#35
 Dibromofluoromethane
 Concen: 44.12 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005286.D
 Acq: 11 Sep 2018 19:43

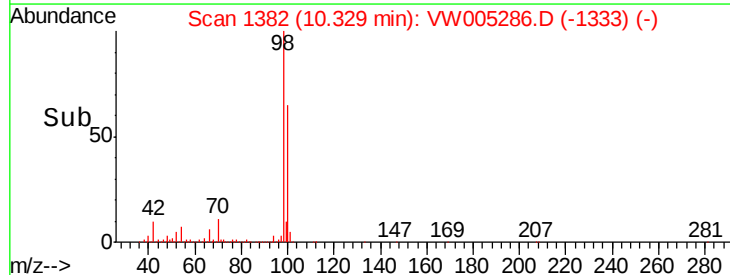
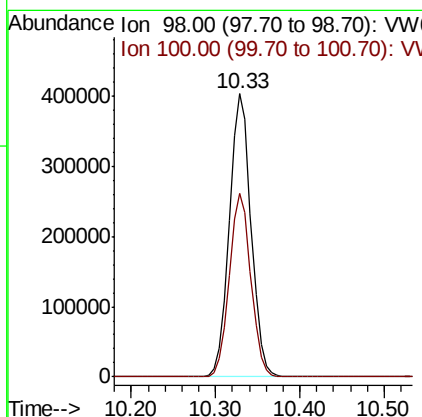
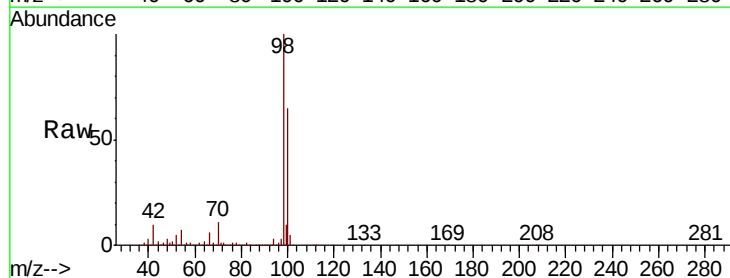
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-1B-G-090718-2

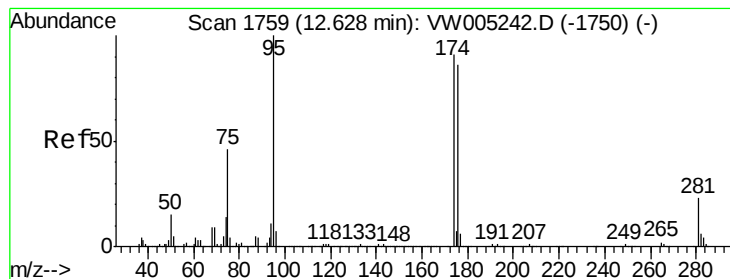
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.6	121.0
192	21.2	18.3	27.5



#50
 Toluene-d8
 Concen: 37.88 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW005286.D
 Acq: 11 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 37.38 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: VW005286.D

Acq: 11 Sep 2018 19:43

Instrument :

MSVOA_W

ClientSampleId :

SUP-1B-G-090718-2

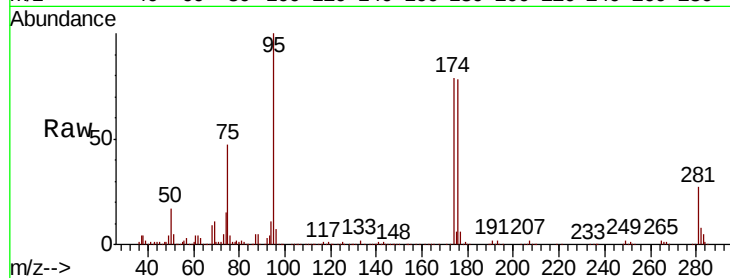
Tot Ion: 95 Resp: 253836

Ion Ratio Lower Upper

95 100

174 84.2 0.0 174.6

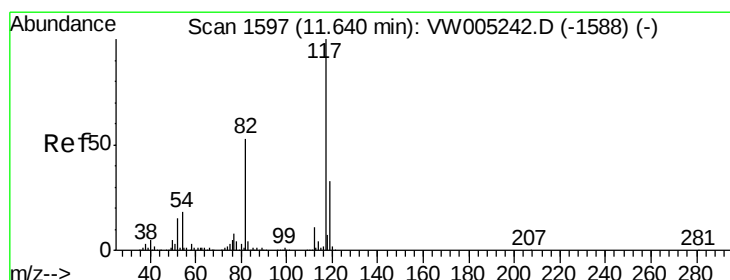
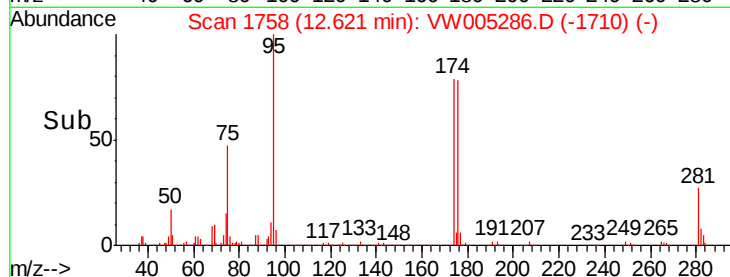
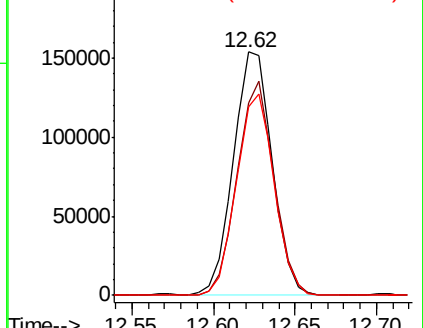
176 81.1 0.0 167.6



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: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.01 min

Lab File: VW005286.D

Acq: 11 Sep 2018 19:43

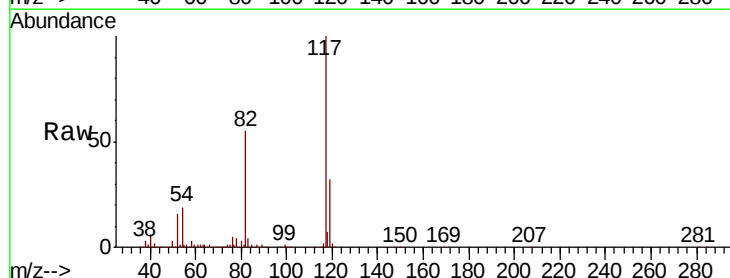
Tgt Ion: 117 Resp: 679603

Ion Ratio Lower Upper

117 100

82 55.4 42.6 63.8

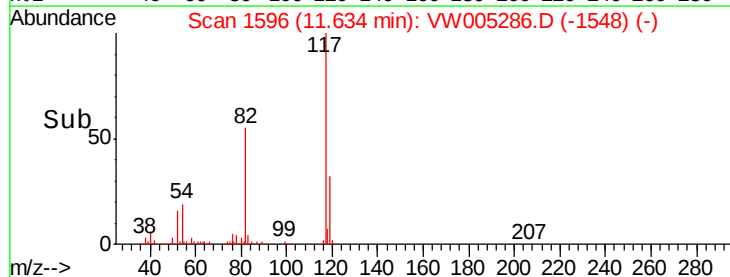
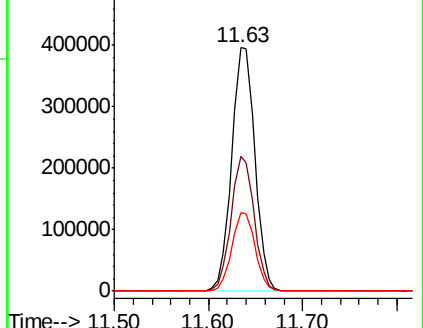
119 32.1 26.2 39.4

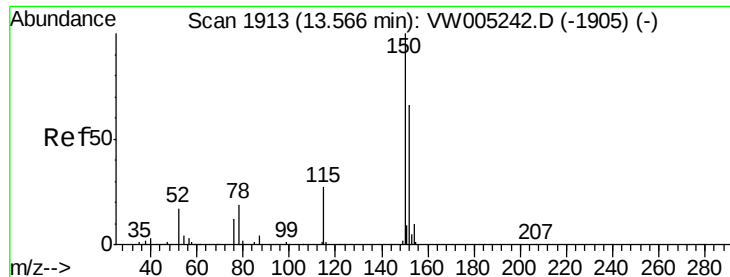


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005286.D

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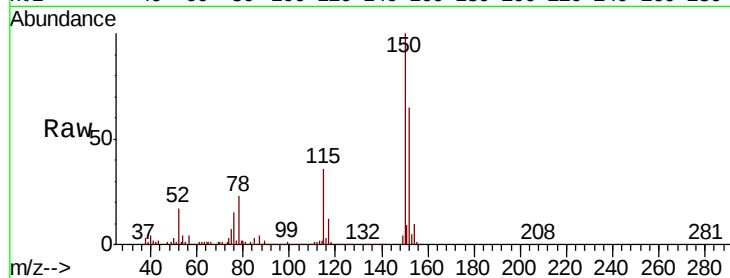
Tot Ion:152 Resp: 315917

Ion Ratio Lower Upper

152 100

115 57.2 27.5 82.4

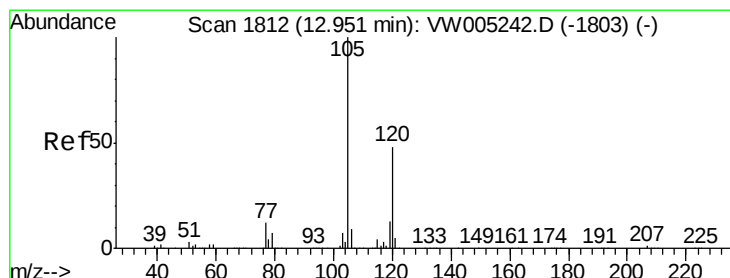
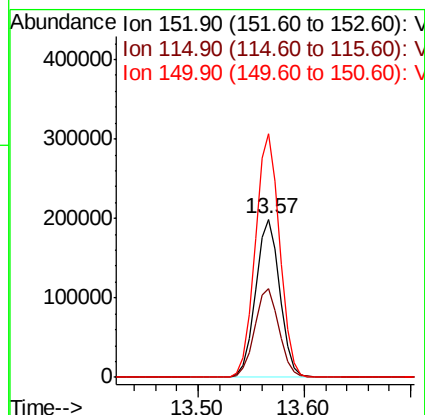
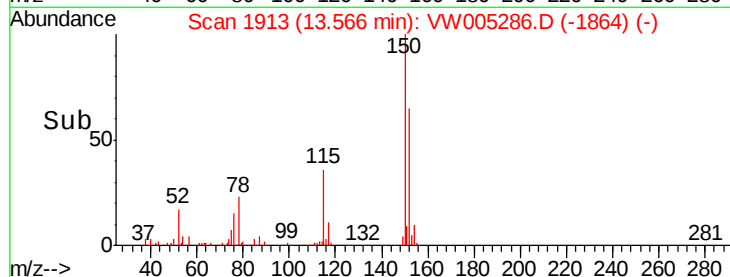
150 155.2 0.0 347.4



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



#80

1,3,5-Trimethylbenzene

Concen: 1.59 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005286.D

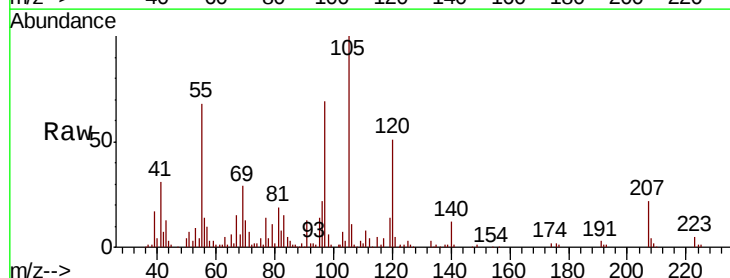
Acq: 11 Sep 2018 19:43

Tgt Ion:105 Resp: 30228

Ion Ratio Lower Upper

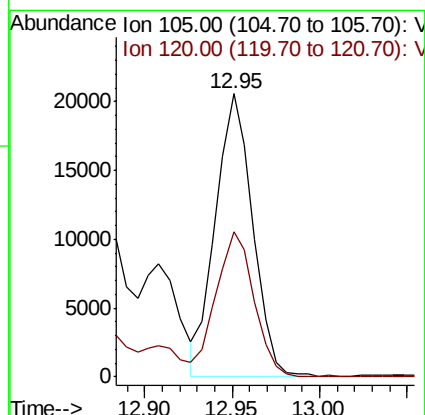
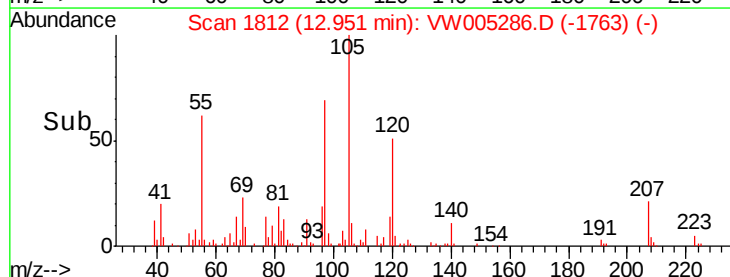
105 100

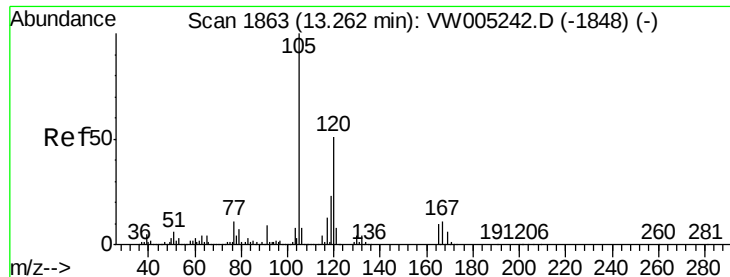
120 52.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 6.25 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.01 min

Lab File: VW005286.D

Acq: 11 Sep 2018 19:43

Instrument :

MSVOA_W

ClientSampleId :

SUP-1B-G-090718-2

Tot Ion:105 Resp: 119431

Ion Ratio Lower Upper

105 100

120 45.6 23.4 70.3

