

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006643.D
 Acq On : 05 Nov 2018 18:16
 Operator : SY/AP
 Sample : J5700-03
 Misc : 4.98G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SI-3

Quant Time: Nov 06 02:46:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

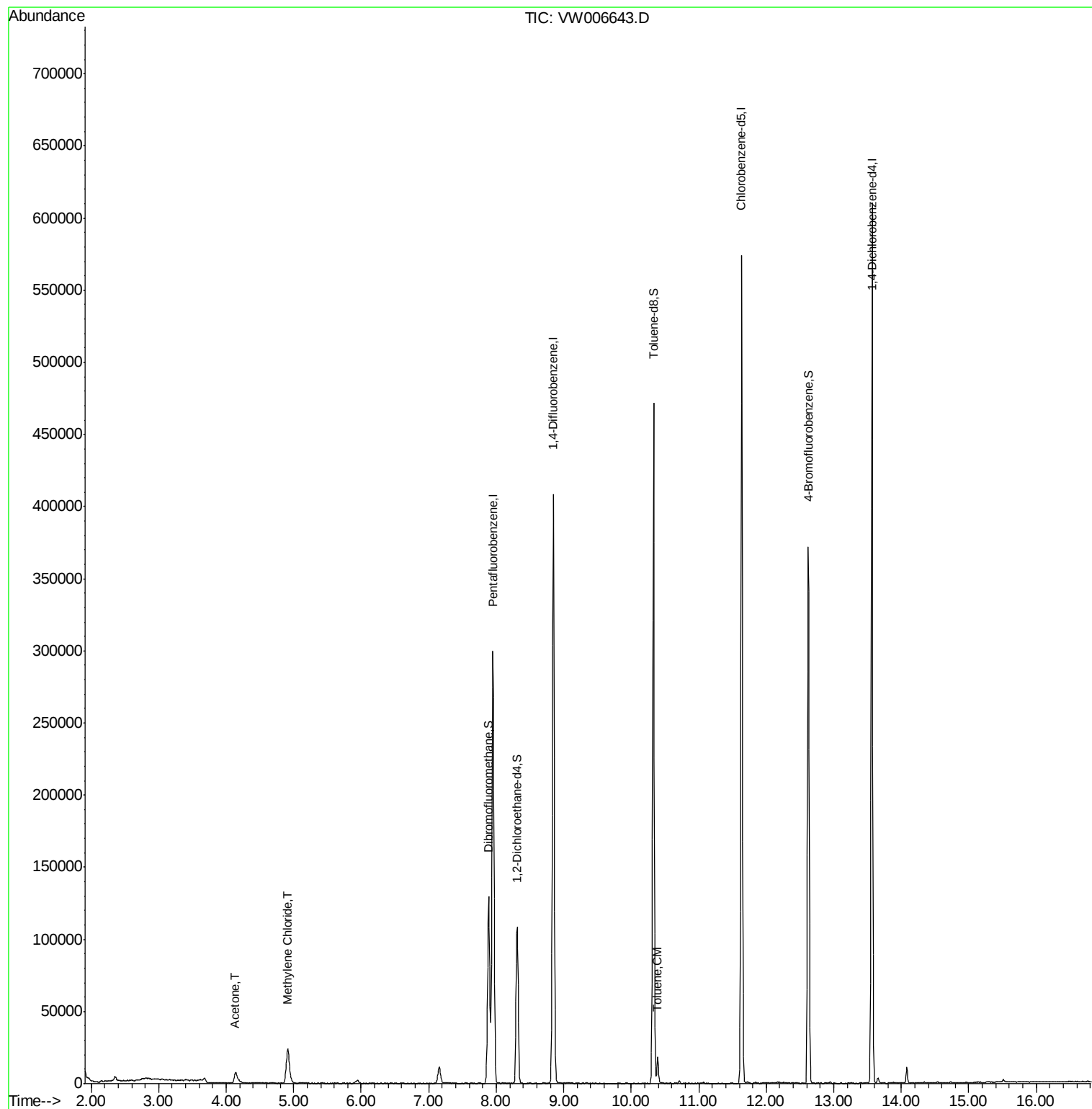
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	366918	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	173066	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	86889	41.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.76%	
35) Dibromofluoromethane	7.88	113	91330	39.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.32%	
50) Toluene-d8	10.33	98	327489	37.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.72%	
62) 4-Bromofluorobenzene	12.62	95	109858	34.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.14%	
Target Compounds						
16) Acetone	4.14	43	15271	45.051	ug/l	89
20) Methylene Chloride	4.91	84	20820	3.980	ug/l	95
52) Toluene	10.39	92	8093	1.317	ug/l	100

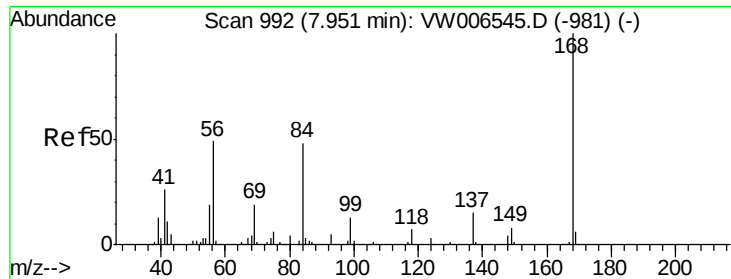
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006643.D

Acq: 05 Nov 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

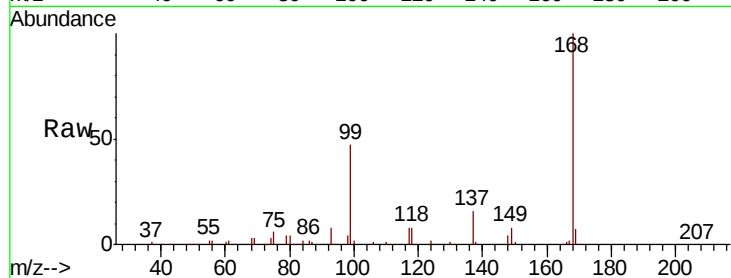
SI-3

Tot Ion:168 Resp: 244251

Ion Ratio Lower Upper

168 100

99 46.7 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

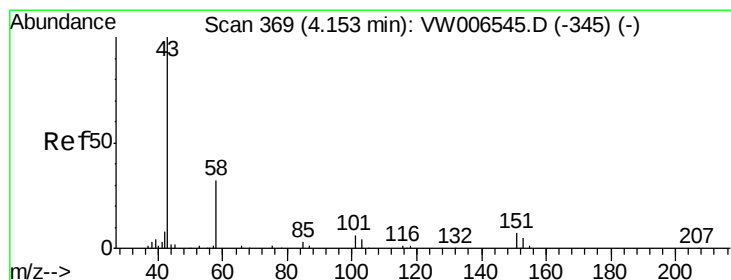
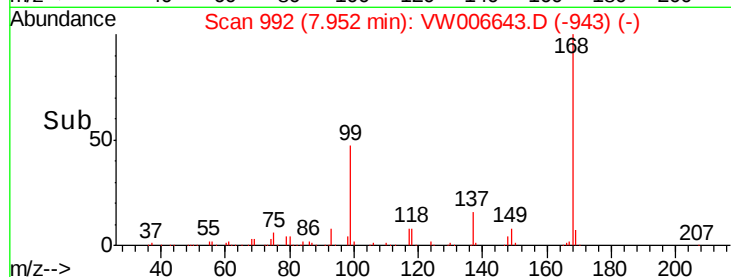
7.95

100000

50000

0

Time-->



#16

Acetone

Concen: 45.051 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006643.D

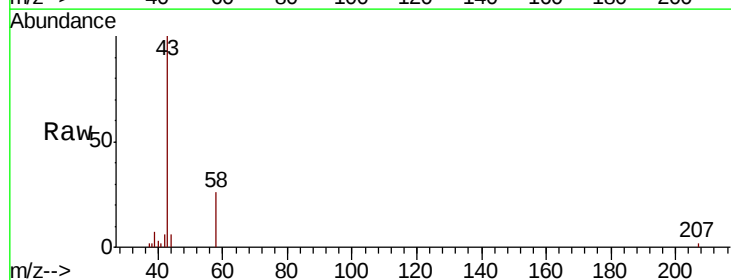
Acq: 05 Nov 2018 18:16

Tgt Ion: 43 Resp: 15271

Ion Ratio Lower Upper

43 100

58 25.9 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

5000

4000

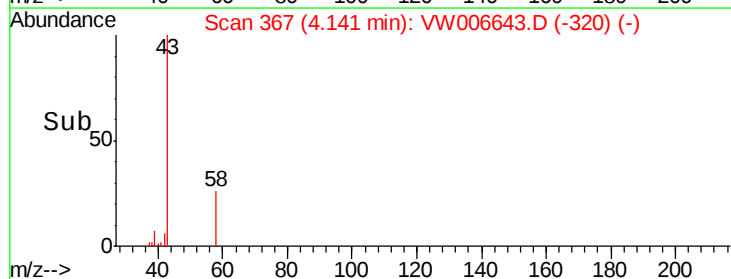
3000

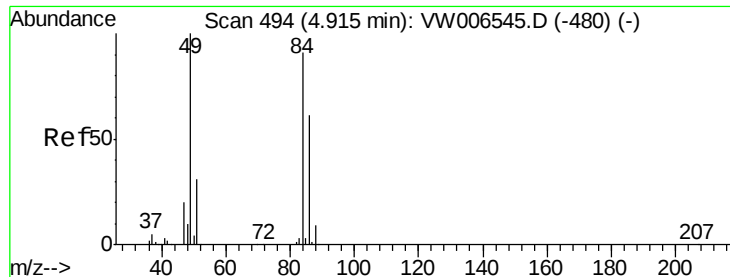
2000

1000

0

Time-->

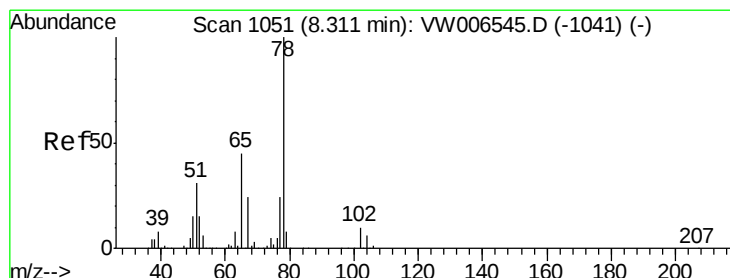
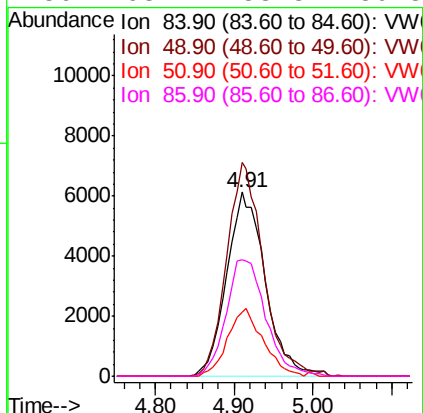
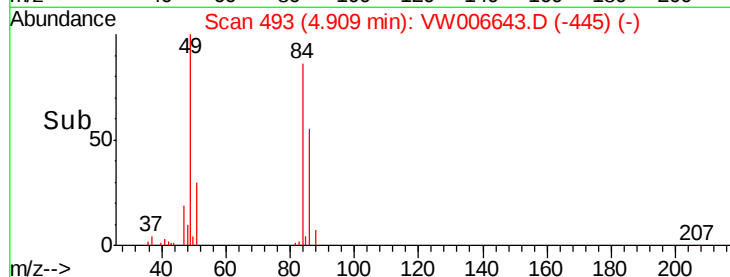
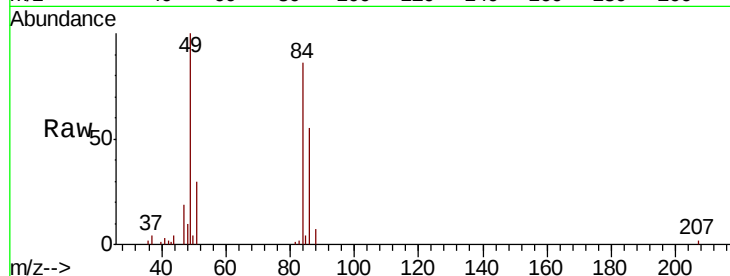




#20
Methvlene Chloride
Concen: 3.980 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006643.D
Acq: 05 Nov 2018 18:16

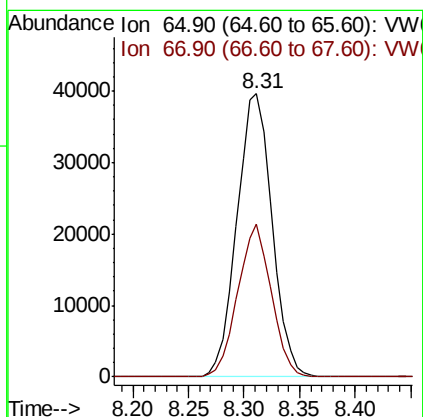
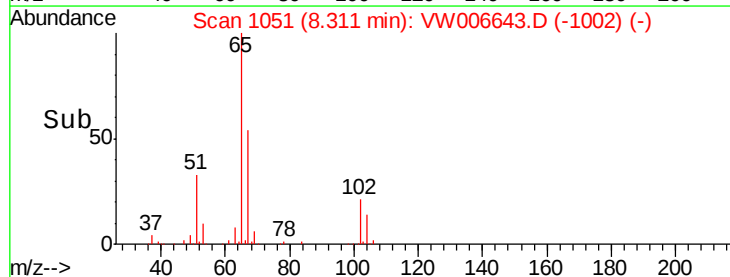
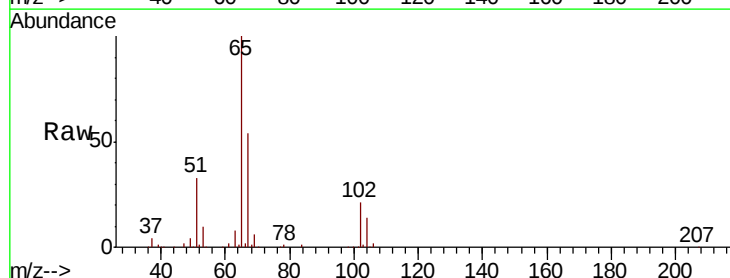
Instrument :
MSVOA_W
ClientSampleId :
SI-3

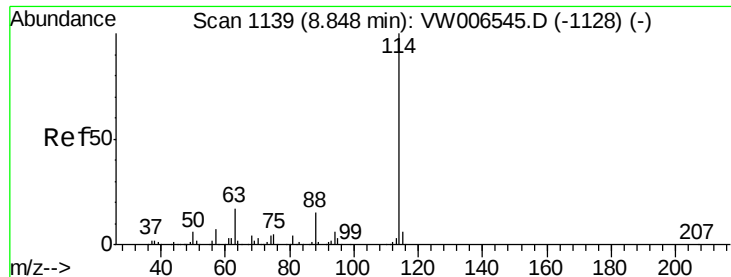
Tot Ion: 84 Resp: 20820
Ion Ratio Lower Upper
84 100
49 116.0 88.2 132.4
51 34.7 27.0 40.6
86 63.2 53.8 80.8



#33
1,2-Dichloroethane-d4
Concen: 41.384 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006643.D
Acq: 05 Nov 2018 18:16

Tgt Ion: 65 Resp: 86889
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006643.D

Acq: 05 Nov 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

SI-3

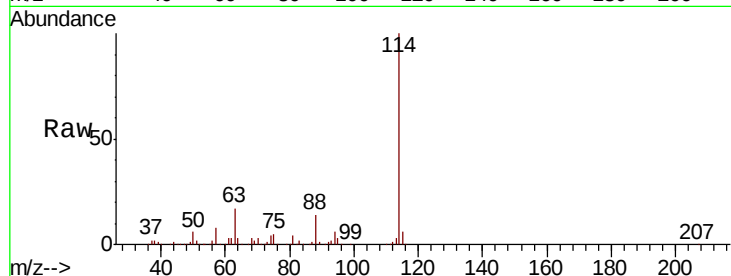
Tot Ion:114 Resp: 366918

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.4

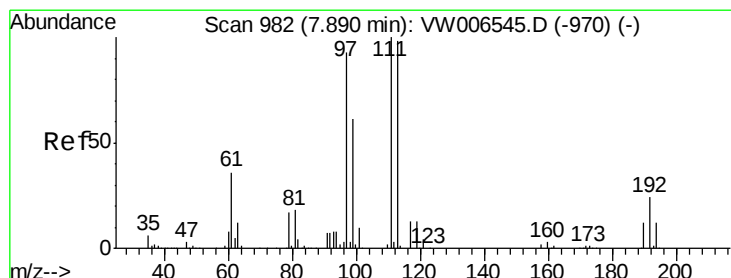
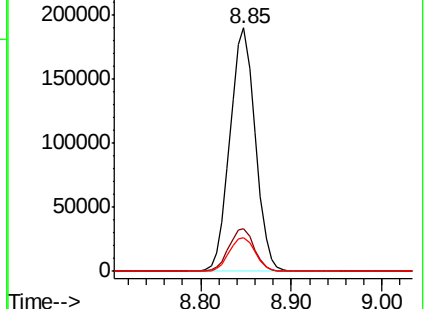
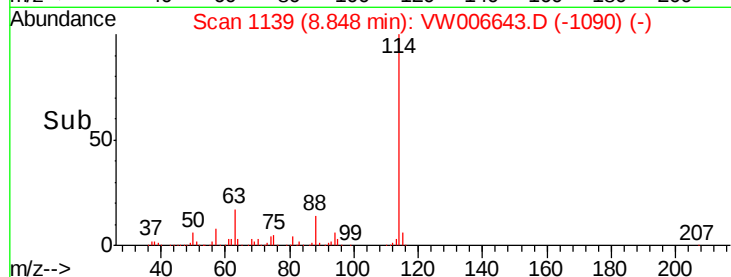
88 14.0 0.0 29.0



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: 39.662 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006643.D

Acq: 05 Nov 2018 18:16

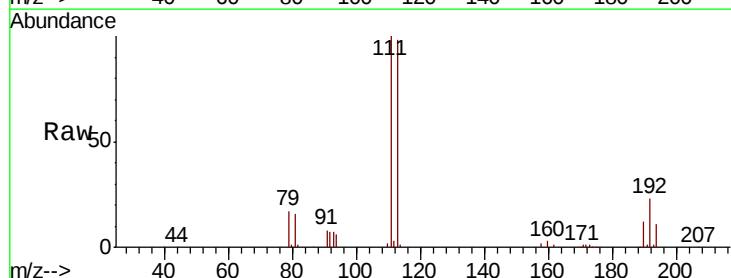
Tgt Ion:113 Resp: 91330

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.2

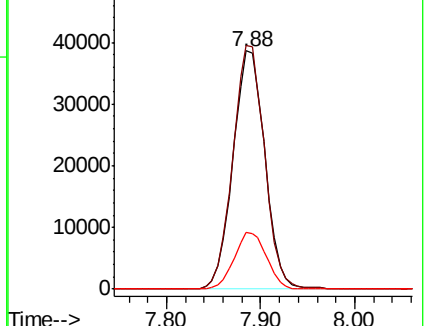
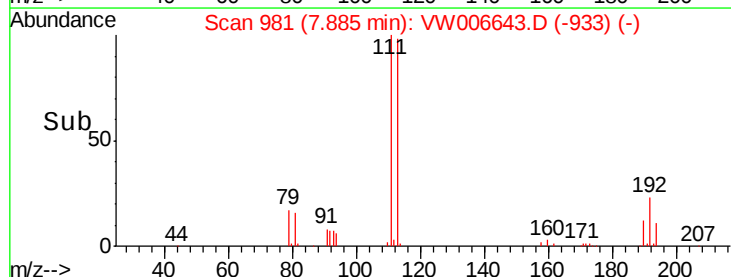
192 23.9 19.0 28.6

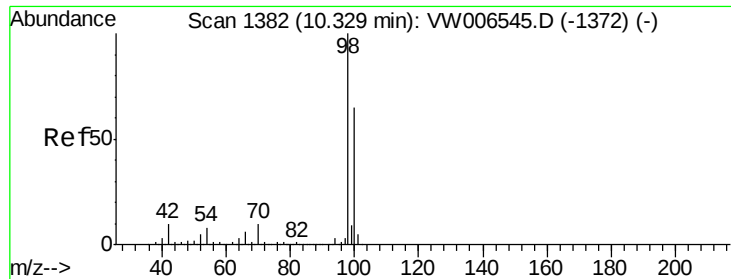


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

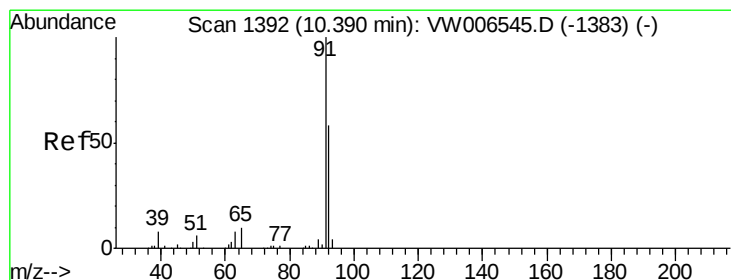
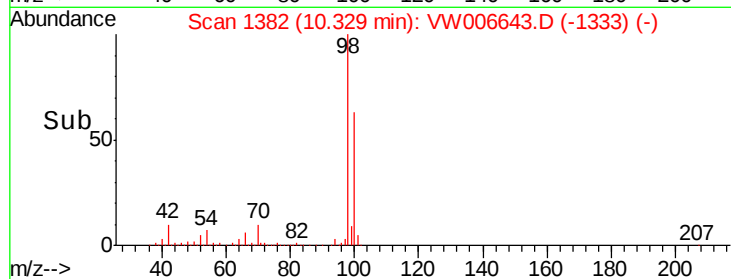
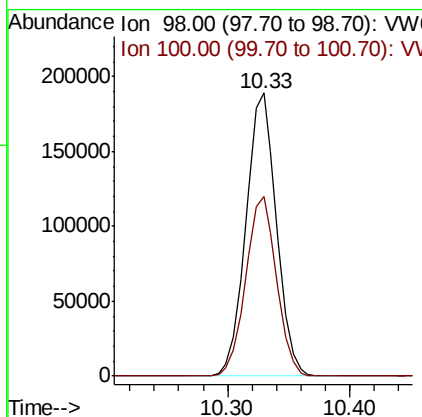
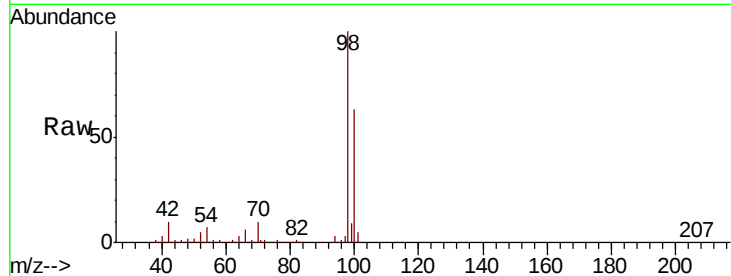




#50
Toluene-d8
Concen: 37.359 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006643.D
Acq: 05 Nov 2018 18:16

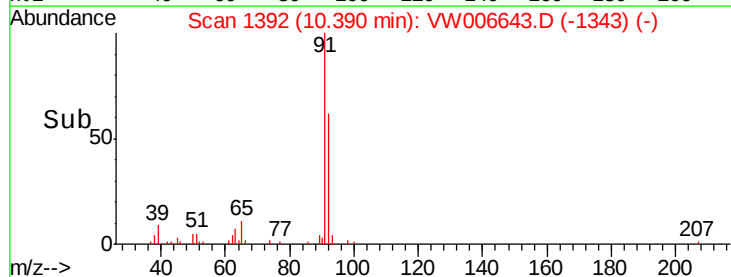
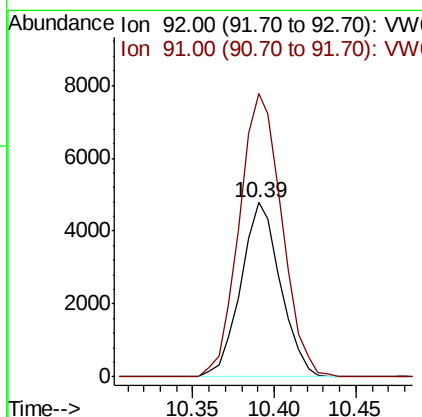
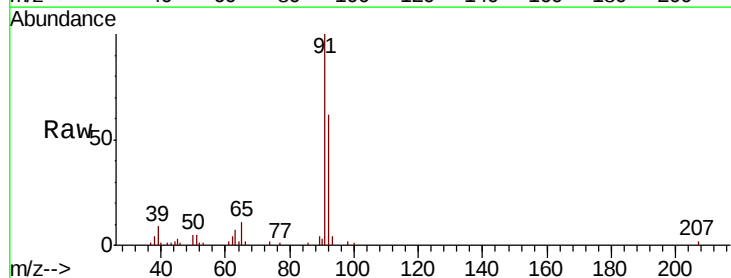
Instrument :
MSVOA_W
ClientSampled :
SI-3

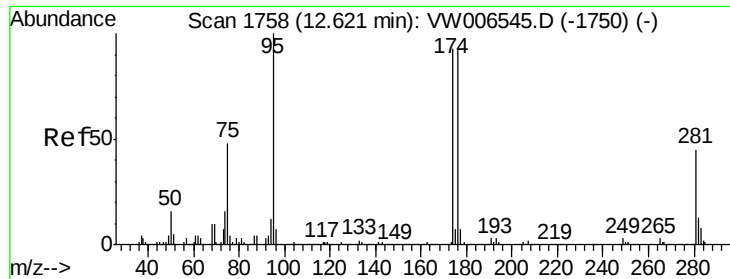
Tot Ion: 98 Resp: 327489
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#52
Toluene
Concen: 1.317 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006643.D
Acq: 05 Nov 2018 18:16

Tgt Ion: 92 Resp: 8093
Ion Ratio Lower Upper
92 100
91 173.7 138.6 208.0





#62

4-Bromofluorobenzene

Concen: 34.568 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006643.D

Acq: 05 Nov 2018 18:16

Instrument :

MSVOA_W

ClientSampled :

SI-3

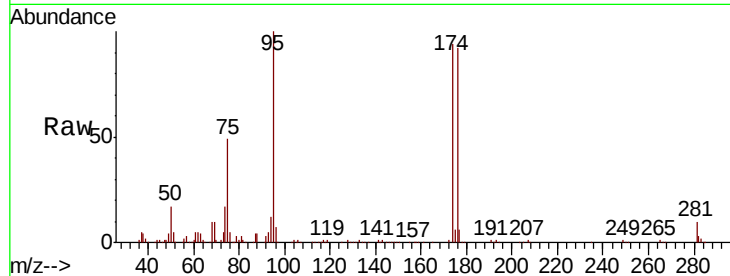
Tot Ion: 95 Resp: 109858

Ion Ratio Lower Upper

95 100

174 99.1 0.0 192.4

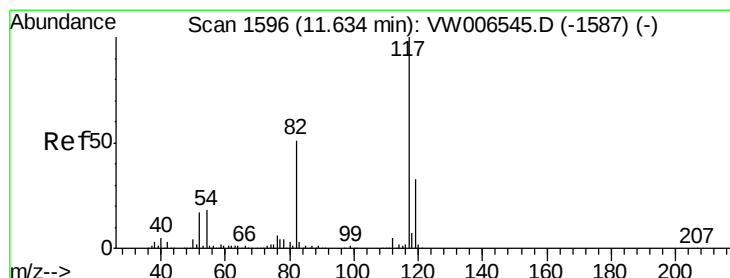
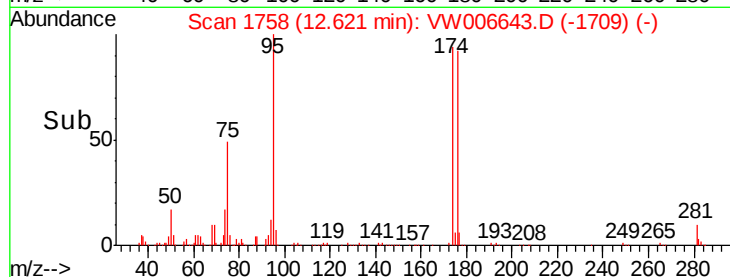
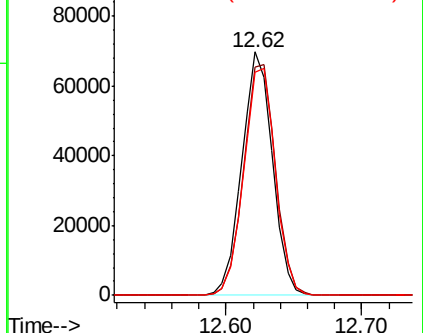
176 96.5 0.0 187.4



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: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006643.D

Acq: 05 Nov 2018 18:16

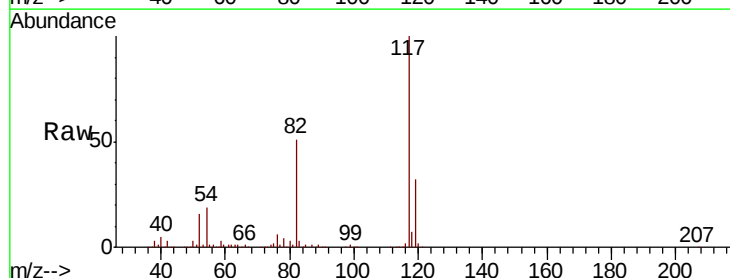
Tgt Ion: 117 Resp: 337233

Ion Ratio Lower Upper

117 100

82 51.0 40.8 61.2

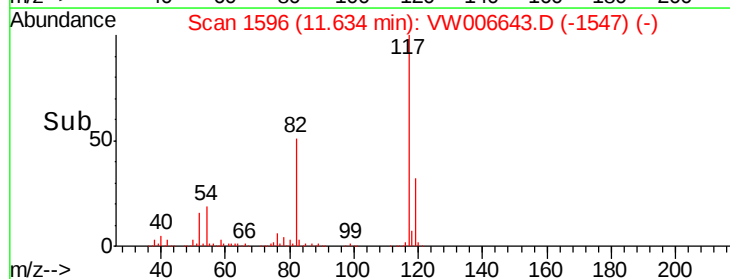
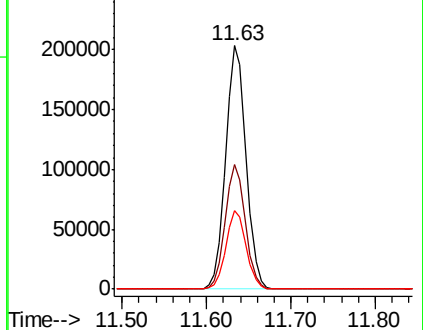
119 32.0 26.1 39.1

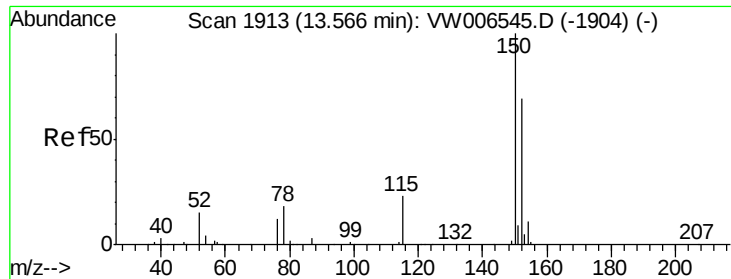


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006643.D

Acq: 05 Nov 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

SI-3

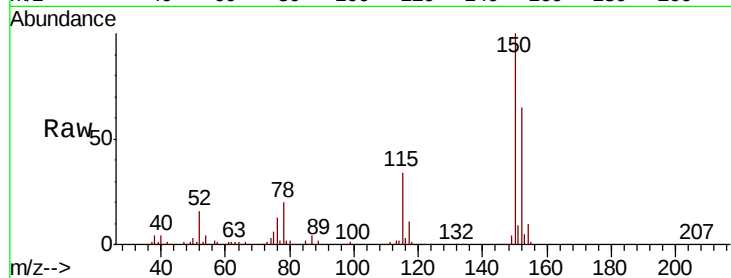
Tot Ion:152 Resp: 173066

Ion Ratio Lower Upper

152 100

115 53.9 26.6 79.8

150 157.7 0.0 344.6



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

