

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007859.D
 Acq On : 22 Dec 2018 22:21
 Operator : SY/AP
 Sample : J6511-01
 Misc : 6.39G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-57(0-5)-GRAB

Quant Time: Dec 24 03:23:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

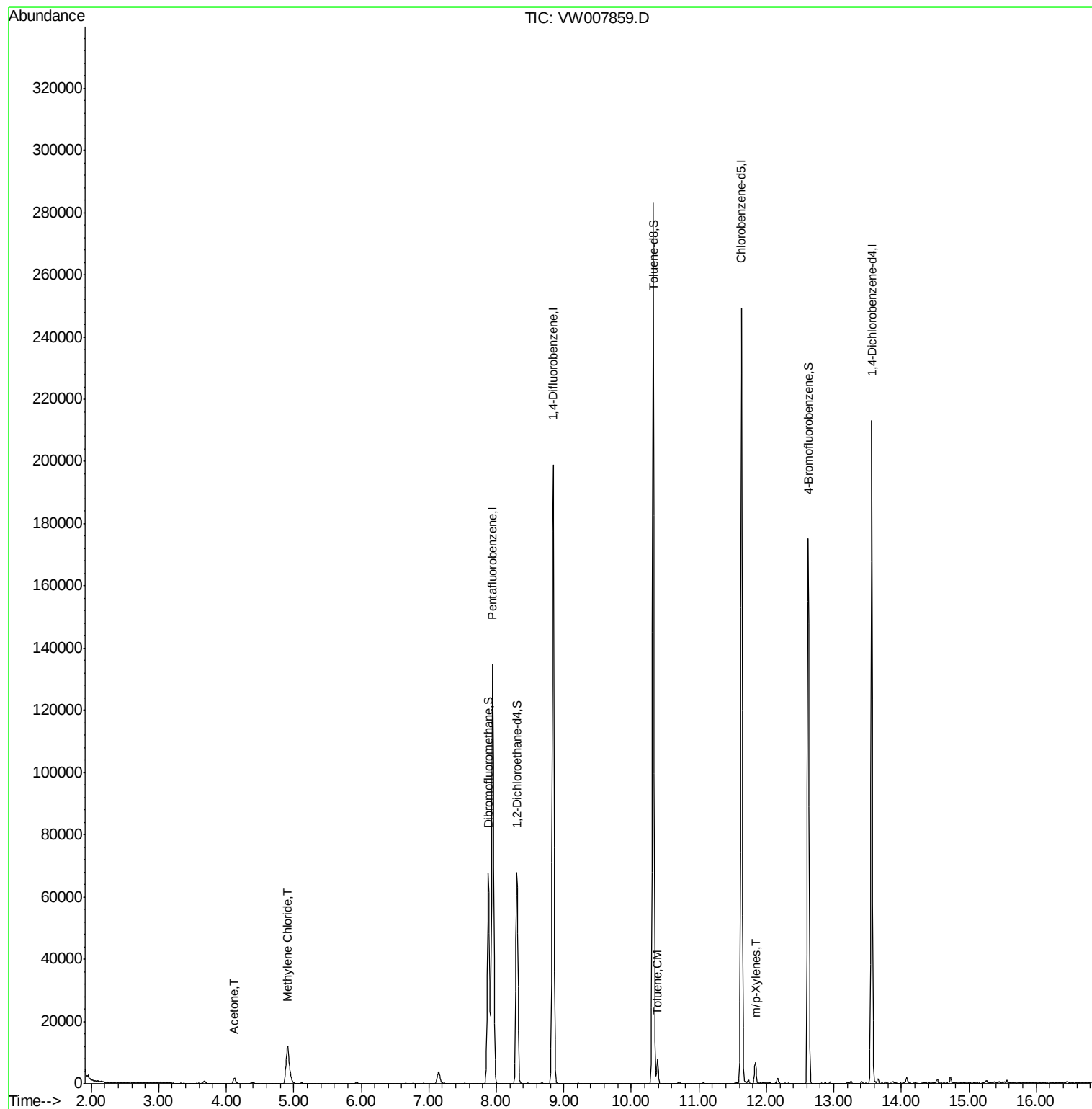
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	98894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	171446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	139518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	54834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	55597	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
35) Dibromofluoromethane	7.88	113	49308	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
50) Toluene-d8	10.32	98	191488	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	12.62	95	62420	40.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.96%	
Target Compounds						
16) Acetone	4.12	43	3080	15.174	ug/l #	89
20) Methylene Chloride	4.91	84	10994	5.178	ug/l	93
52) Toluene	10.40	92	3645	1.230	ug/l	96
68) m/p-Xylenes	11.84	106	2120	1.055	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007859.D

Acq: 22 Dec 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

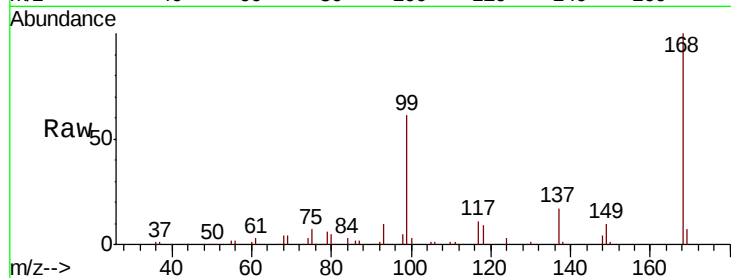
SB-57(0-5)-GRAB

Tgt Ion: 168 Resp: 98894

Ion Ratio Lower Upper

168 100

99 61.3 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW007701.D (-981) (-)

Ion 98.90 (98.60 to 99.60): VW007701.D (-981) (-)

7.95

40000

30000

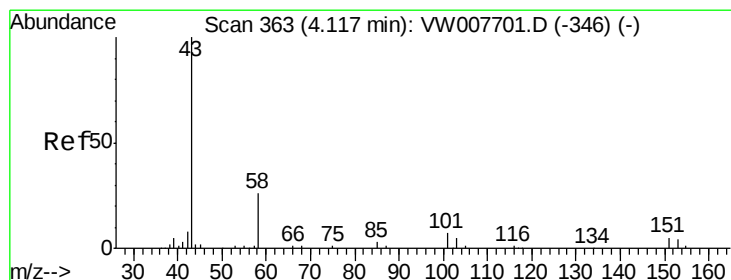
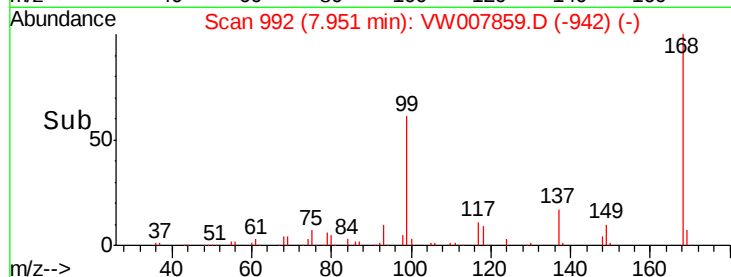
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 15.174 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007859.D

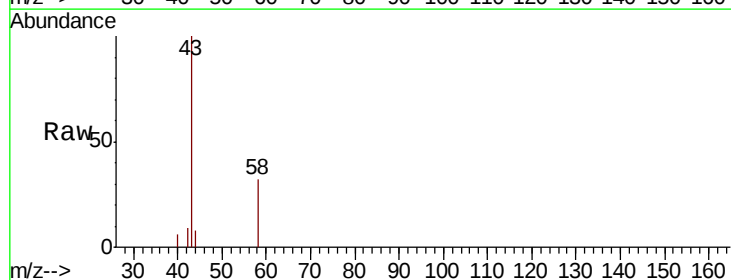
Acq: 22 Dec 2018 22:21

Tgt Ion: 43 Resp: 3080

Ion Ratio Lower Upper

43 100

58 32.3 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VW007701.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VW007701.D (-346) (-)

4.12

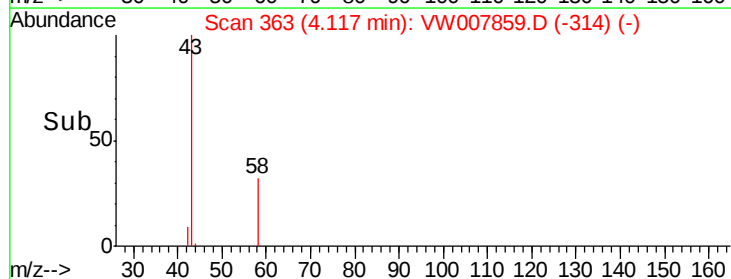
1000

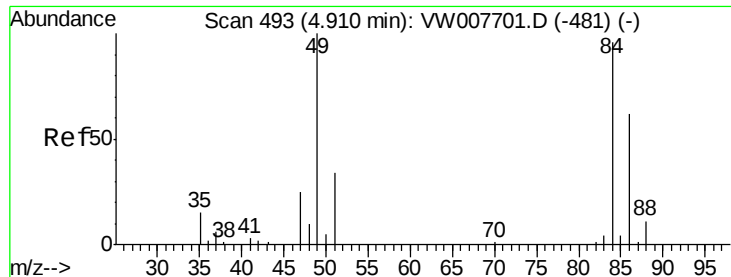
500

0

4.05 4.10 4.15 4.20

Time-->

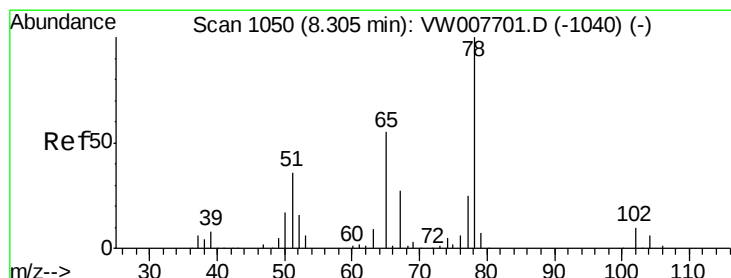
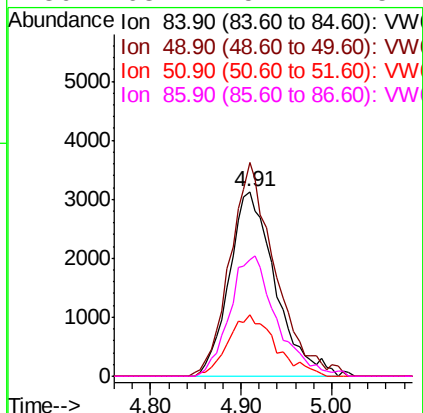
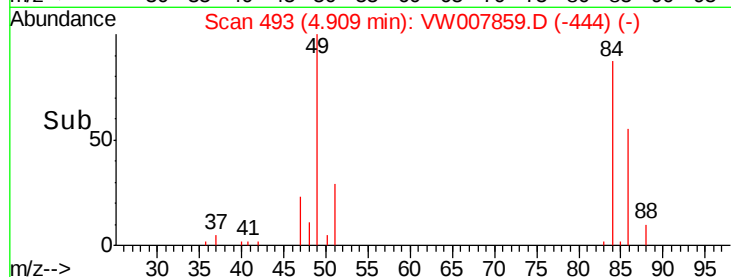
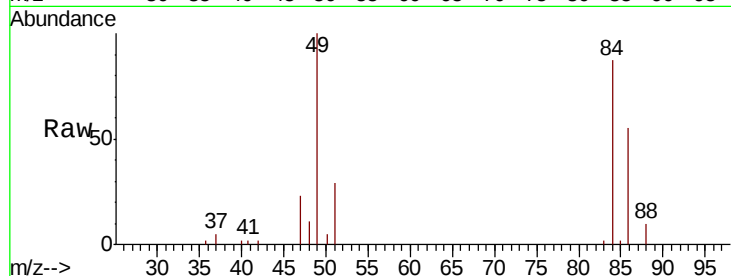




#20
Methylene Chloride
Concen: 5.178 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007859.D
Acq: 22 Dec 2018 22:21

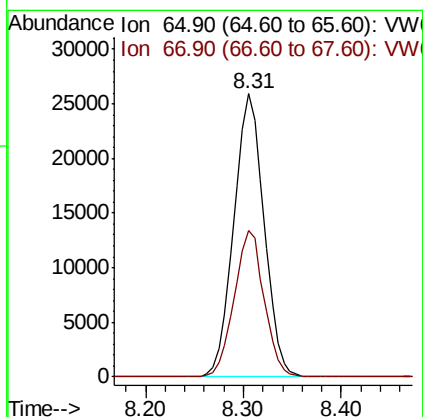
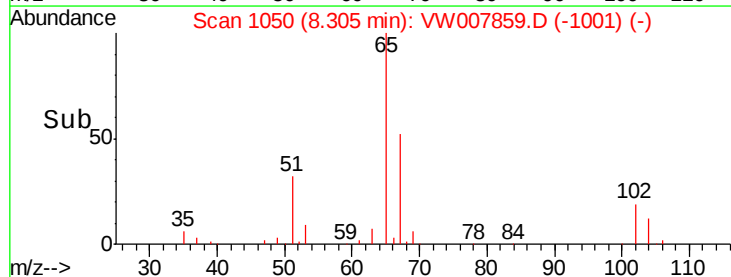
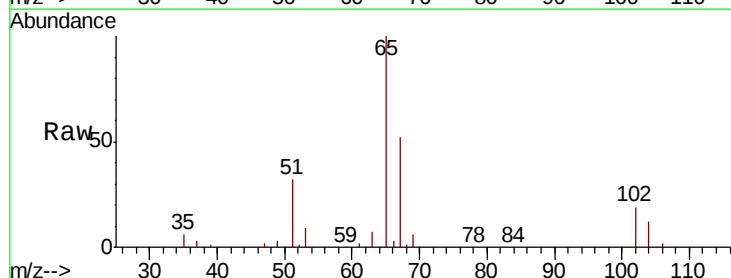
Instrument :
MSVOA_W
ClientSampleId :
SB-57(0-5)-GRAB

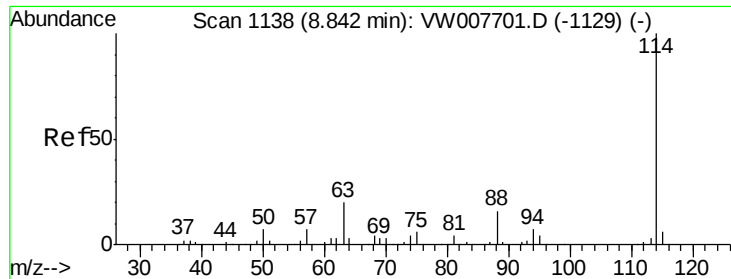
Tgt Ion: 84 Resp: 10994
Ion Ratio Lower Upper
84 100
49 115.6 83.7 125.5
51 33.3 28.2 42.2
86 63.1 52.2 78.2



#33
1,2-Dichloroethane-d4
Concen: 51.292 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007859.D
Acq: 22 Dec 2018 22:21

Tgt Ion: 65 Resp: 55597
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.6

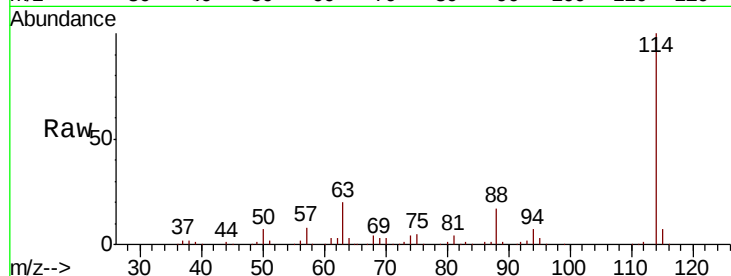




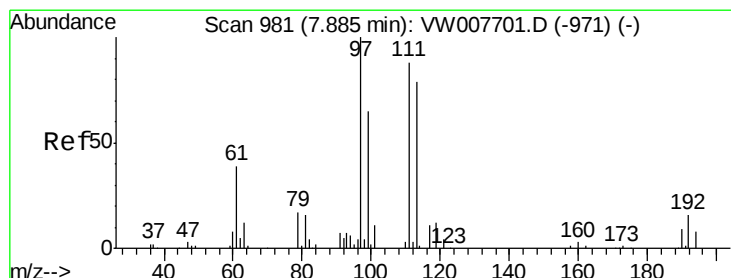
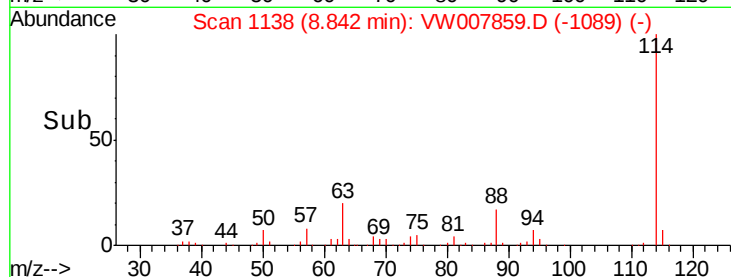
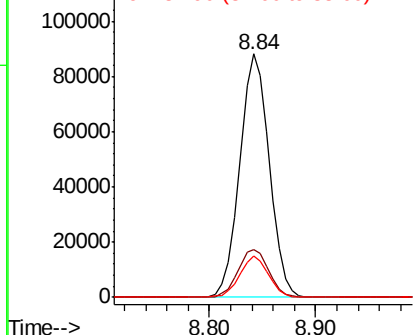
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007859.D
 Acq: 22 Dec 2018 22:21

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-57(0-5)-GRAB

Tgt Ion:114 Resp: 171446
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 16.7 0.0 32.6

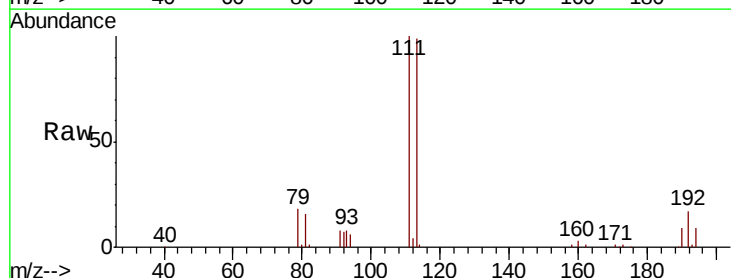


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

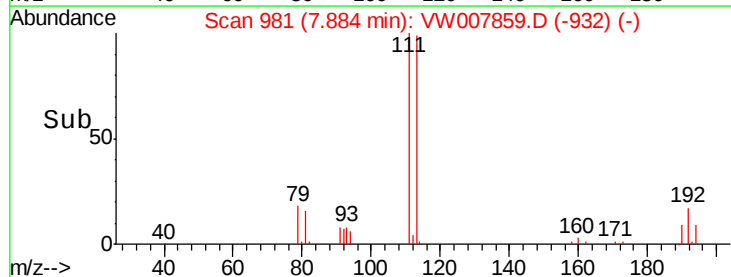
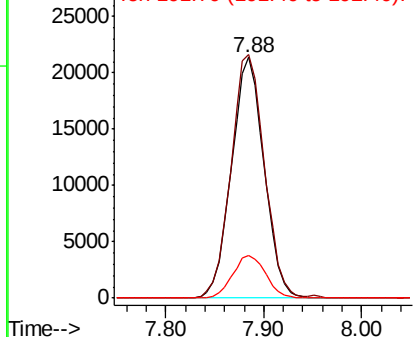


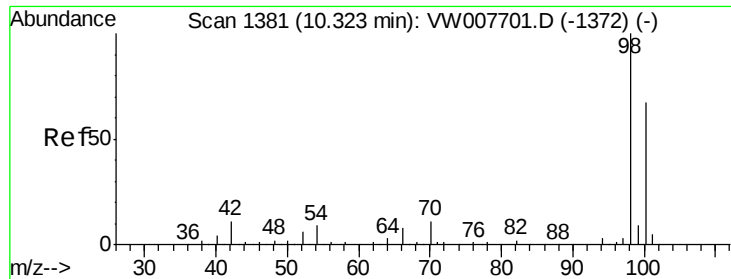
#35
 Dibromofluoromethane
 Concen: 47.144 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007859.D
 Acq: 22 Dec 2018 22:21

Tgt Ion:113 Resp: 49308
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.6 124.0
 192 18.0 15.5 23.3



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: 48.565 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007859.D

Acq: 22 Dec 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

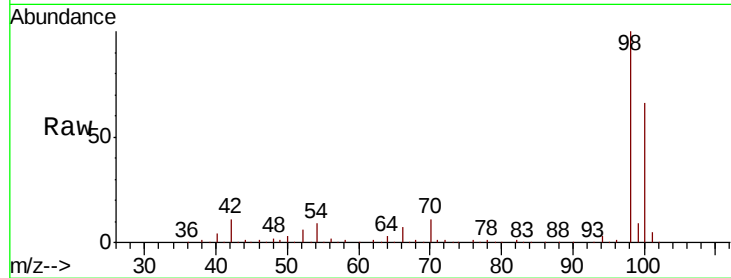
SB-57(0-5)-GRAB

Tgt Ion: 98 Resp: 191488

Ion Ratio Lower Upper

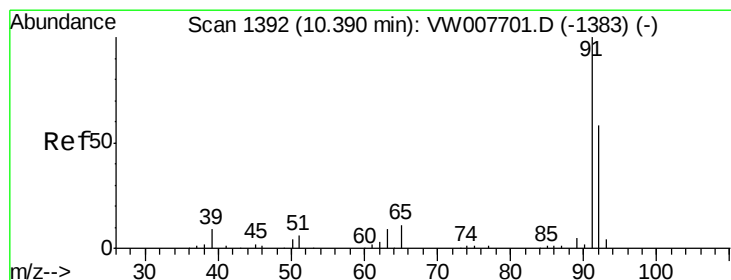
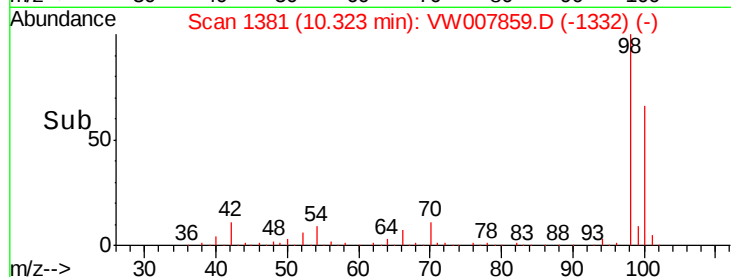
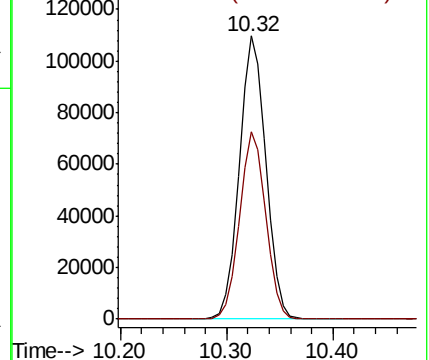
98 100

100 65.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 1.230 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW007859.D

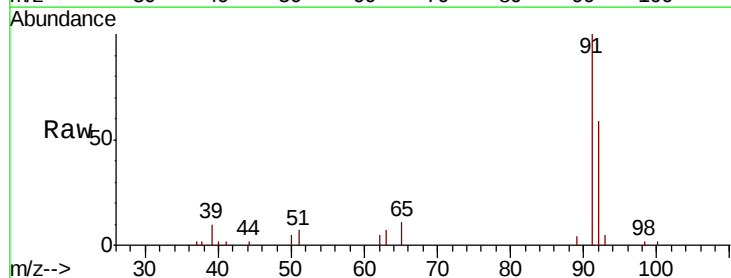
Acq: 22 Dec 2018 22:21

Tgt Ion: 92 Resp: 3645

Ion Ratio Lower Upper

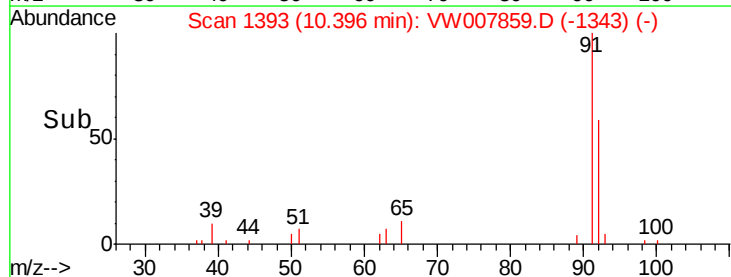
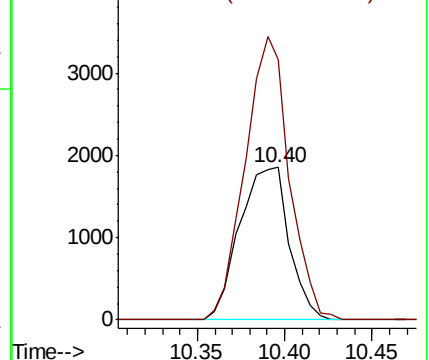
92 100

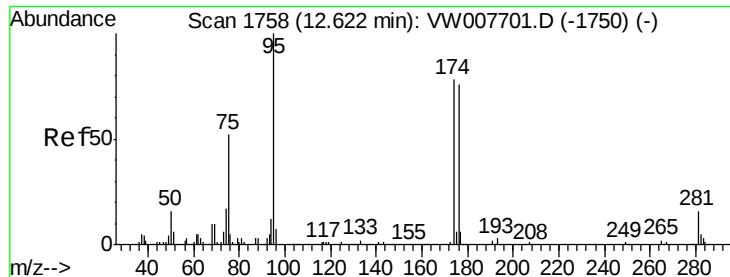
91 166.0 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 40.979 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007859.D

Acq: 22 Dec 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

SB-57(0-5)-GRAB

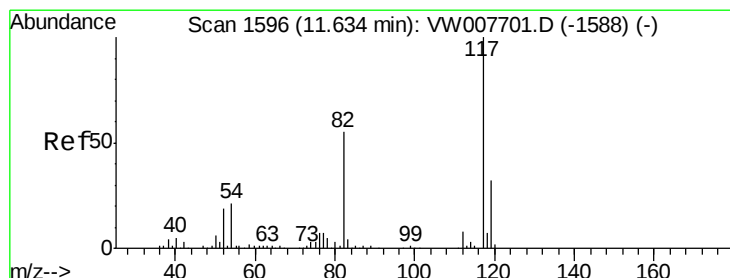
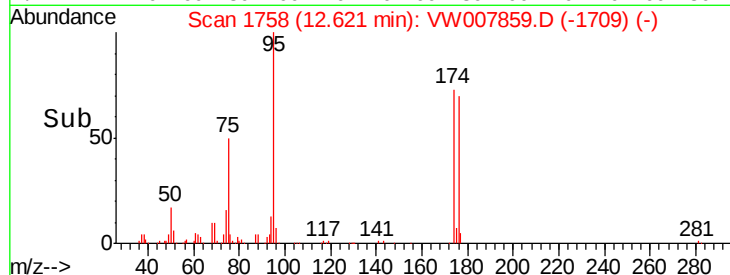
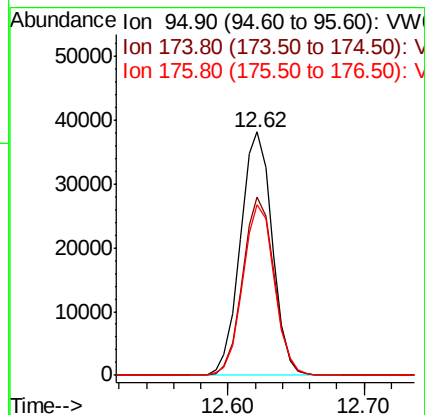
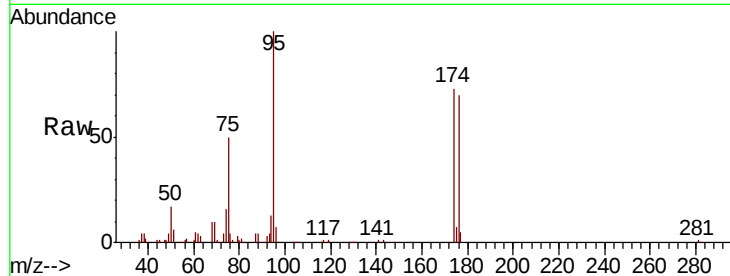
Tgt Ion: 95 Resp: 62420

Ion Ratio Lower Upper

95 100

174 72.2 0.0 152.2

176 69.4 0.0 146.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007859.D

Acq: 22 Dec 2018 22:21

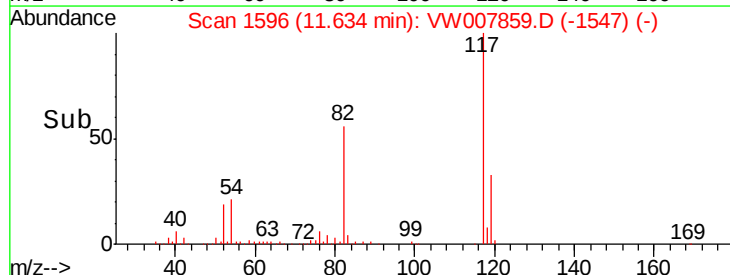
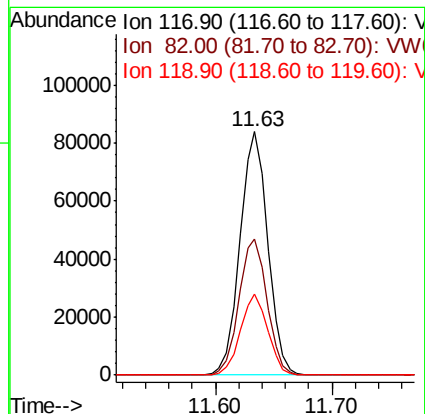
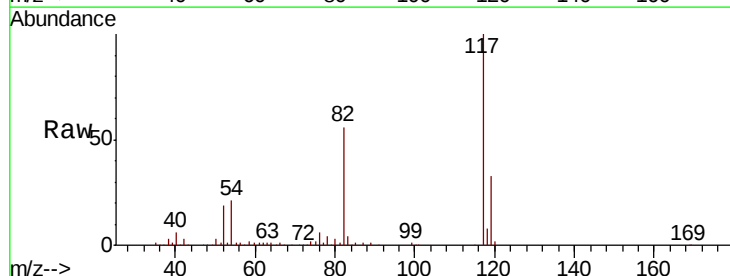
Tgt Ion: 117 Resp: 139518

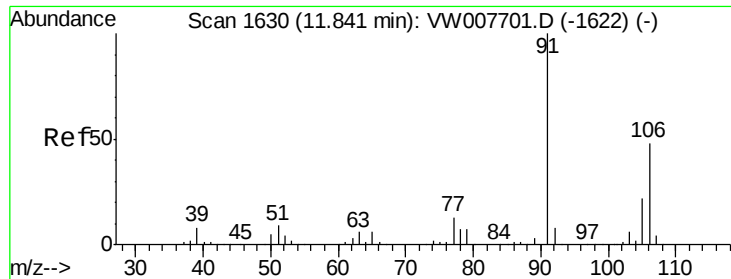
Ion Ratio Lower Upper

117 100

82 56.1 44.3 66.5

119 33.3 25.7 38.5

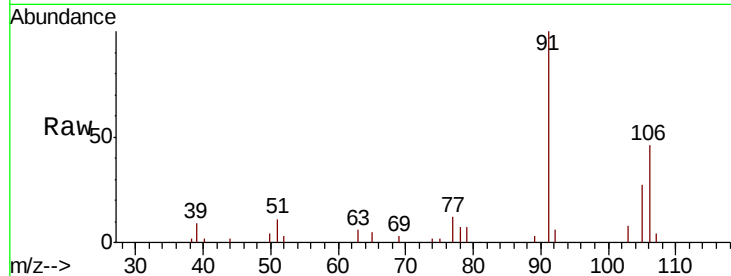




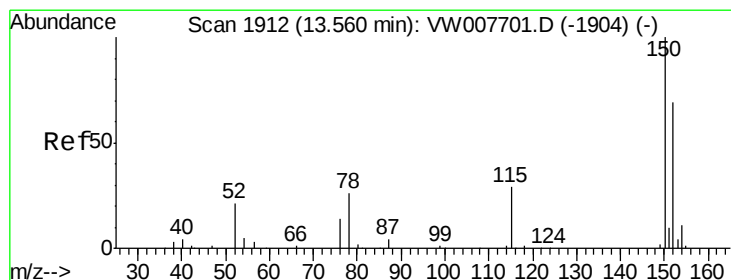
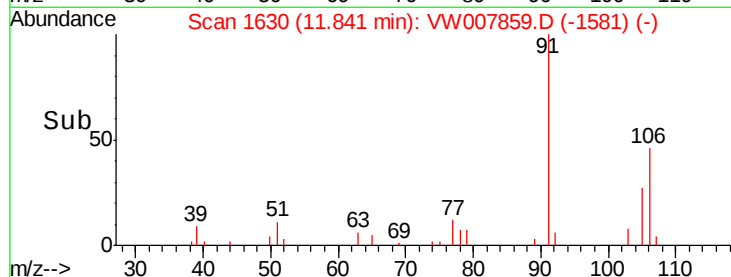
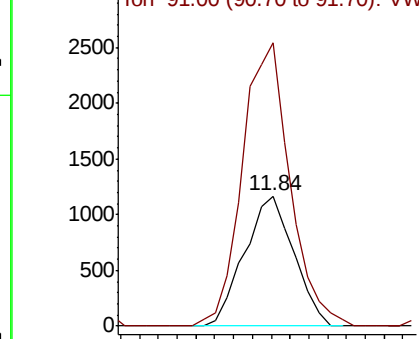
#68
m/p-Xylenes
Concen: 1.055 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007859.D
Acq: 22 Dec 2018 22:21

Instrument :
MSVOA_W
ClientSampleId :
SB-57(0-5)-GRAB

Tgt Ion:106 Resp: 2120
Ion Ratio Lower Upper
106 100
91 210.5 165.2 247.8

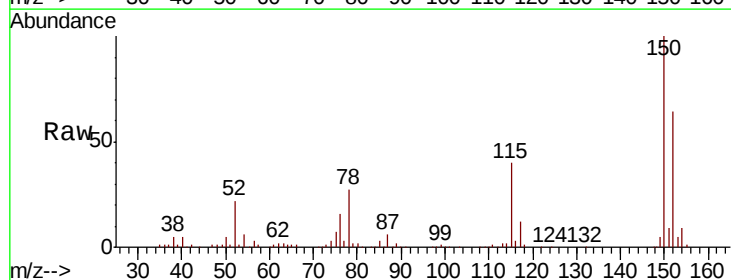


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007859.D
Acq: 22 Dec 2018 22:21

Tgt Ion:152 Resp: 54834
Ion Ratio Lower Upper
152 100
115 62.7 31.8 95.4
150 157.3 0.0 350.8



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

