

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007860.D
 Acq On : 22 Dec 2018 22:47
 Operator : SY/AP
 Sample : J6511-02
 Misc : 5.35G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-58(0-5)-GRAB

Quant Time: Dec 24 03:26:03 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

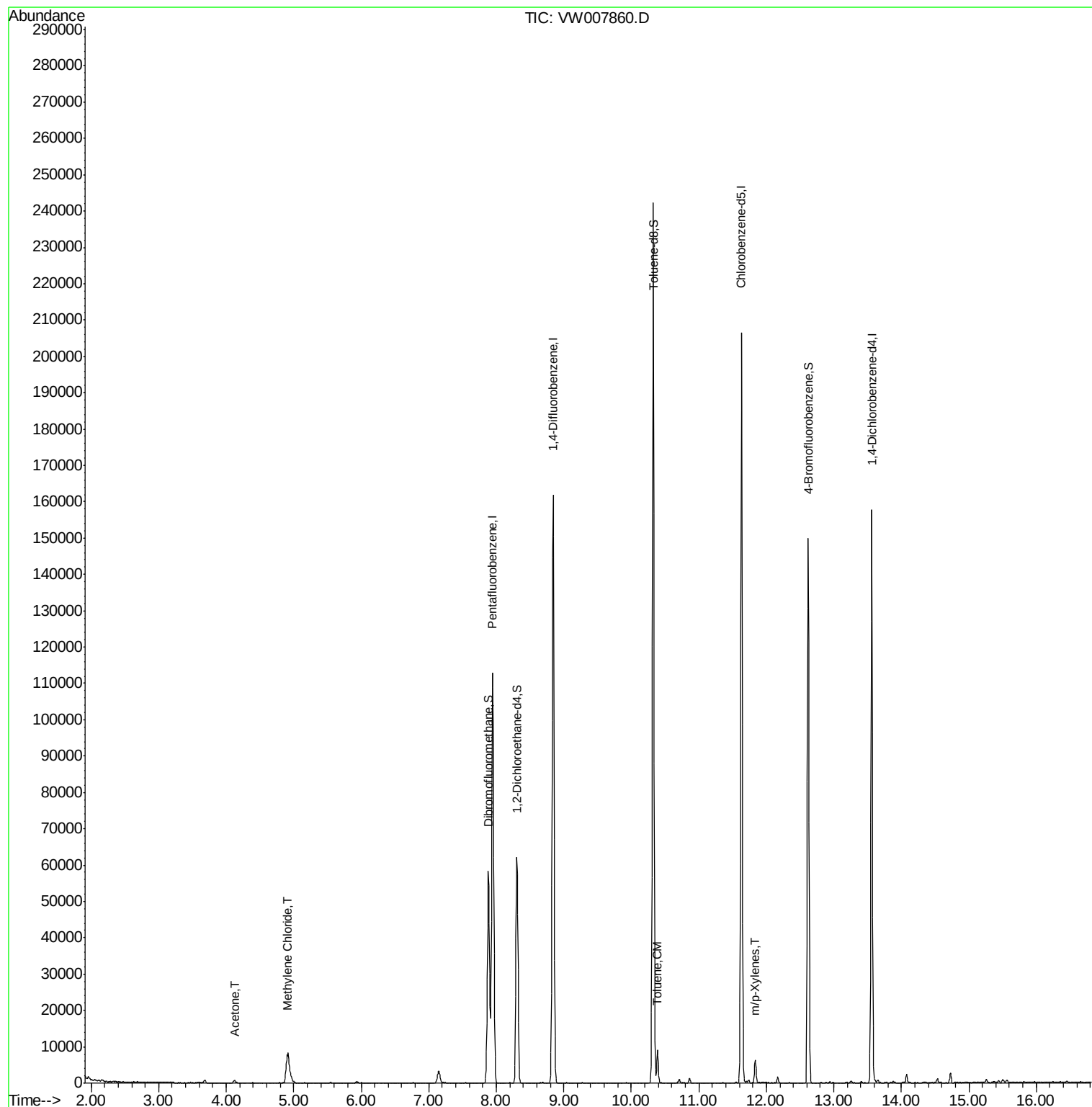
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	84284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	139802	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	114536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	42066	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	51448	55.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.38%	
35) Dibromofluoromethane	7.88	113	43629	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
50) Toluene-d8	10.32	98	162726	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.62	95	52347	42.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.28%	
Target Compounds						
16) Acetone	4.12	43	1344	7.769	ug/l	93
20) Methylene Chloride	4.90	84	7933	3.277	ug/l	95
52) Toluene	10.39	92	4088	1.692	ug/l	93
68) m/p-Xylenes	11.83	106	2013	1.220	ug/l	96

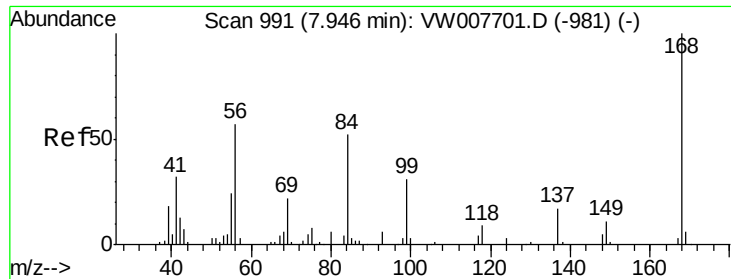
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007860.D

Acq: 22 Dec 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

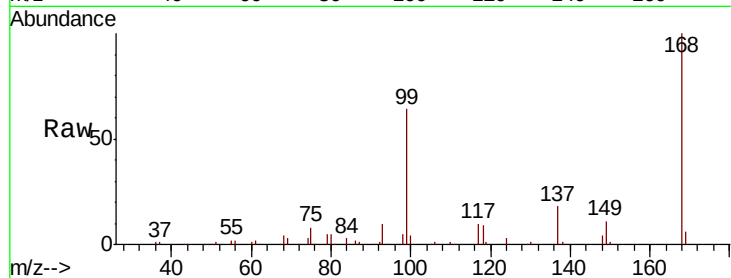
SB-58(0-5)-GRAB

Tgt Ion:168 Resp: 84284

Ion Ratio Lower Upper

168 100

99 63.8 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

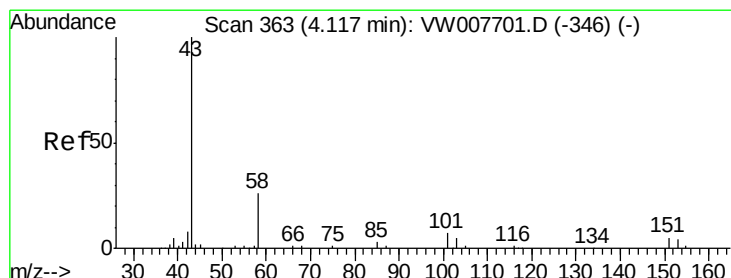
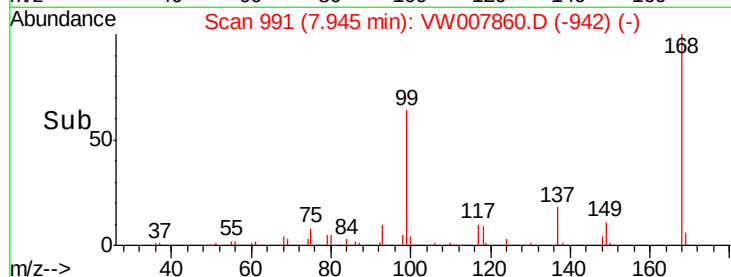
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 7.769 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007860.D

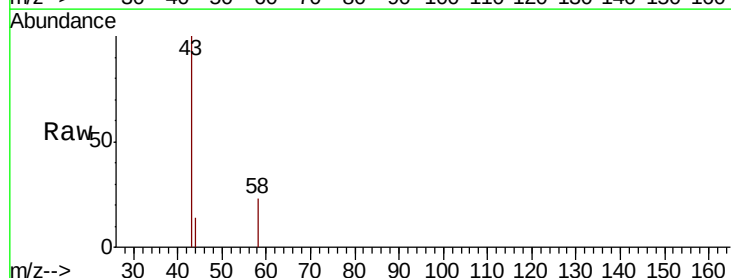
Acq: 22 Dec 2018 22:47

Tgt Ion: 43 Resp: 1344

Ion Ratio Lower Upper

43 100

58 23.0 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

600

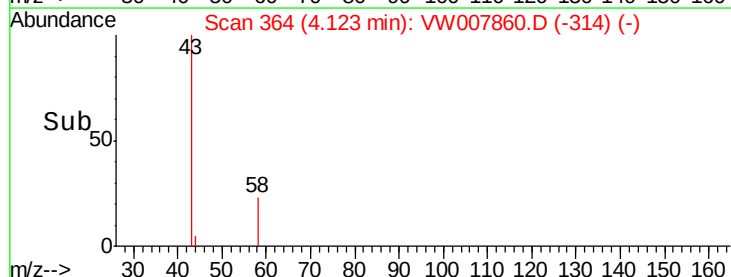
400

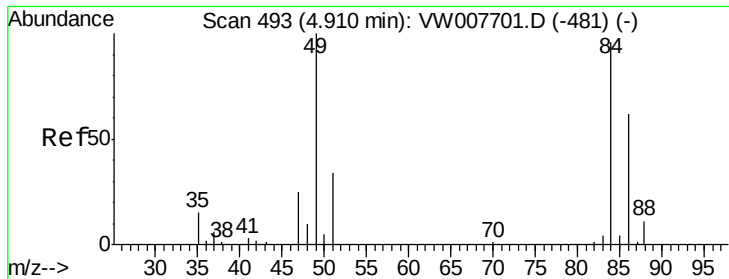
200

0

4.05 4.10 4.15 4.20

Time-->





#20

Methylene Chloride

Concen: 3.277 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW007860.D

Acq: 22 Dec 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

SB-58(0-5)-GRAB

Tgt Ion: 84 Resp: 7933

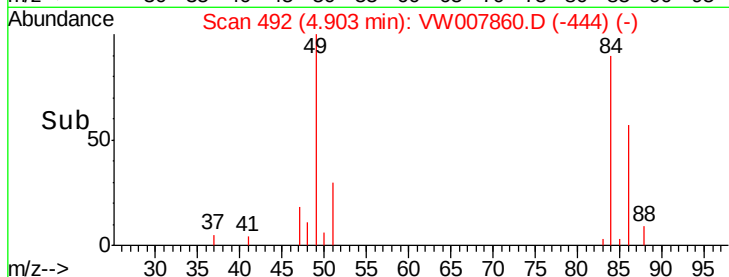
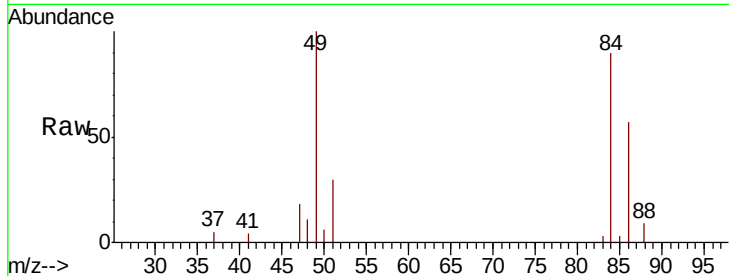
Ion Ratio Lower Upper

84 100

49 111.4 83.7 125.5

51 33.5 28.2 42.2

86 63.1 52.2 78.2

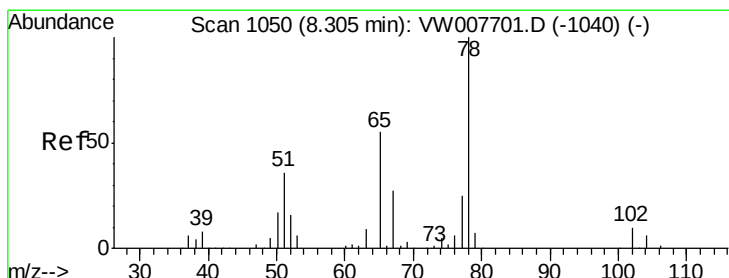
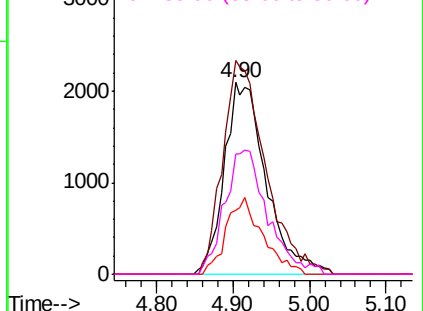


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#33

1,2-Dichloroethane-d4

Concen: 55.692 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007860.D

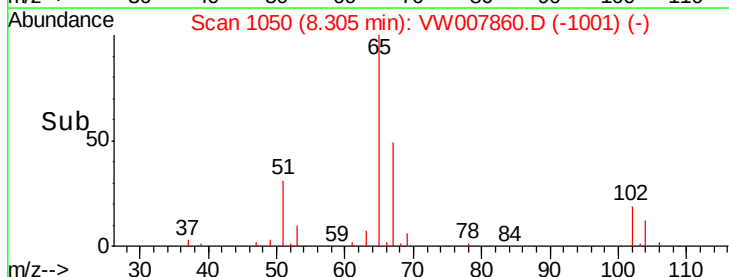
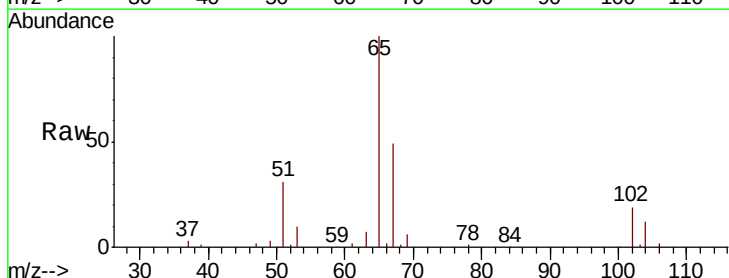
Acq: 22 Dec 2018 22:47

Tgt Ion: 65 Resp: 51448

Ion Ratio Lower Upper

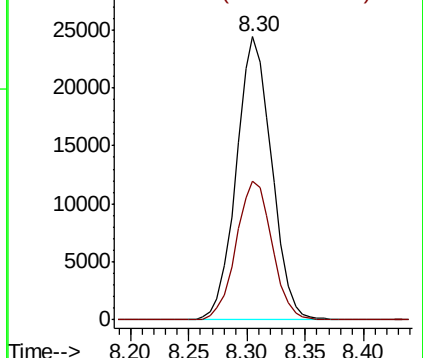
65 100

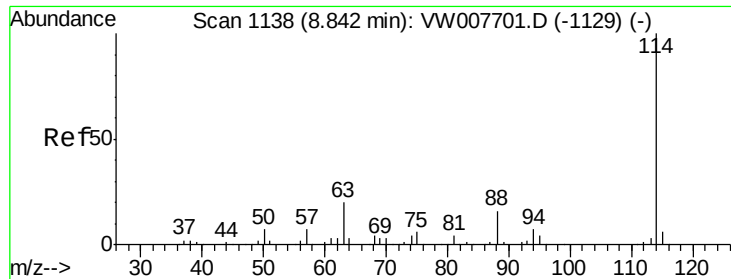
67 49.9 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

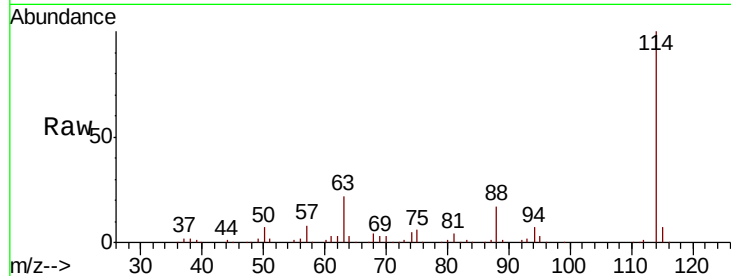




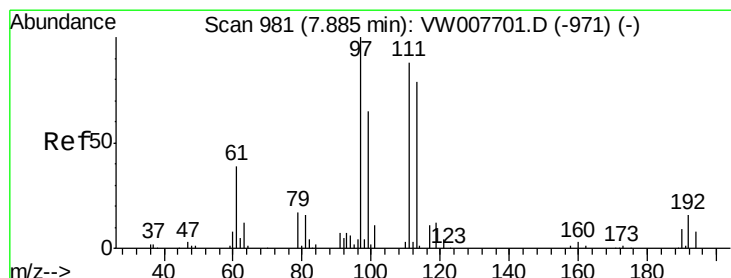
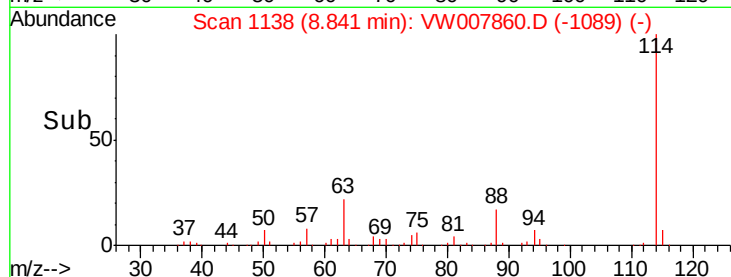
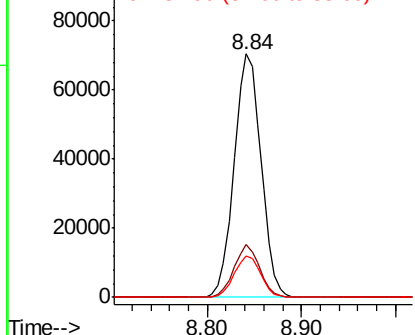
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007860.D
 Acq: 22 Dec 2018 22:47

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-58(0-5)-GRAB

Tgt Ion:114 Resp: 139802
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 40.0
 88 17.0 0.0 32.6

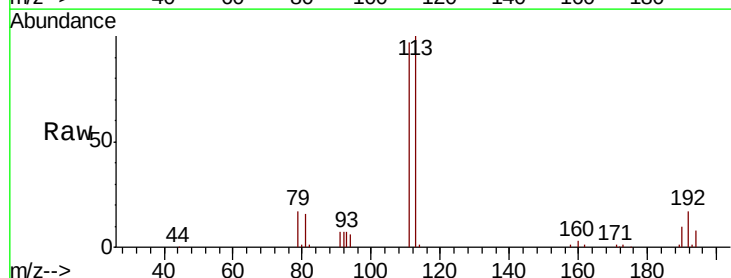


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

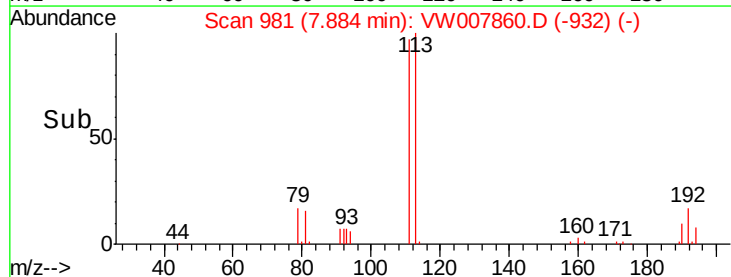
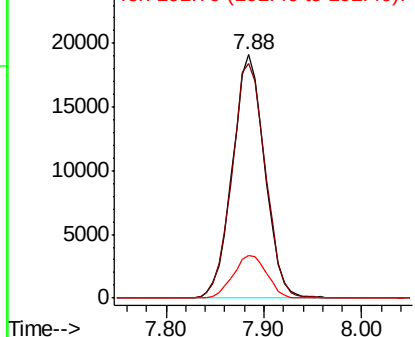


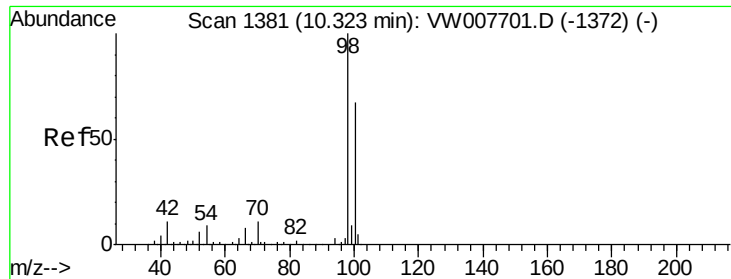
#35
 Dibromofluoromethane
 Concen: 51.156 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007860.D
 Acq: 22 Dec 2018 22:47

Tgt Ion:113 Resp: 43629
 Ion Ratio Lower Upper
 113 100
 111 99.7 82.6 124.0
 192 18.2 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

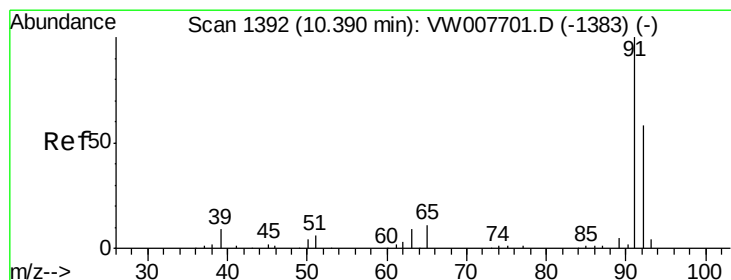
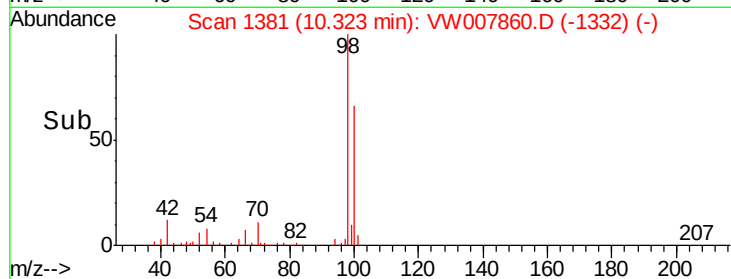
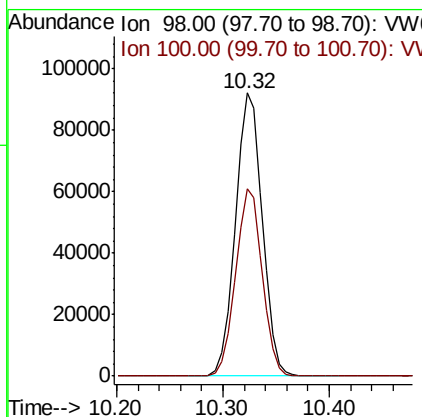
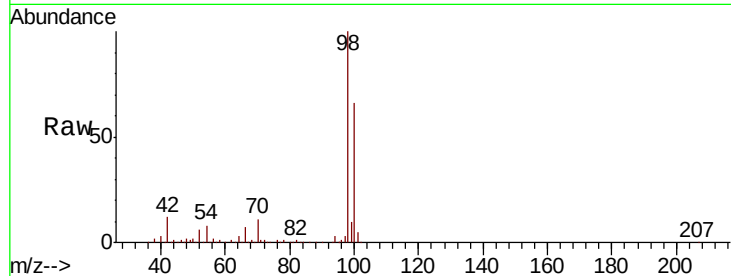




#50
Toluene-d8
Concen: 50.612 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007860.D
Acq: 22 Dec 2018 22:47

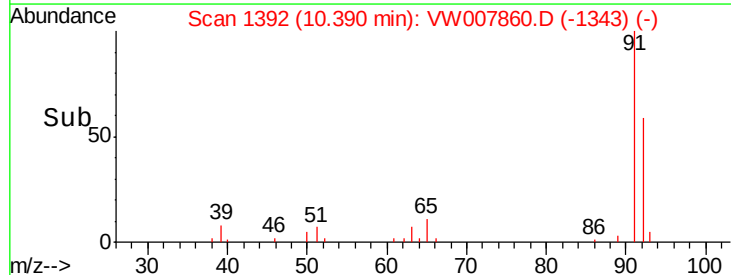
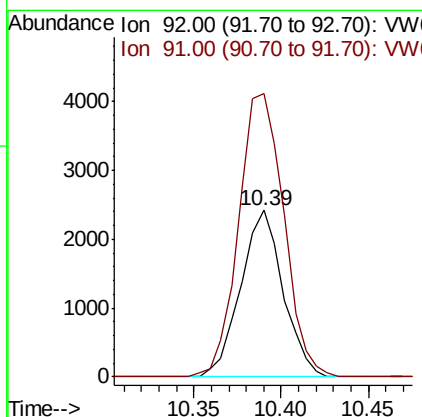
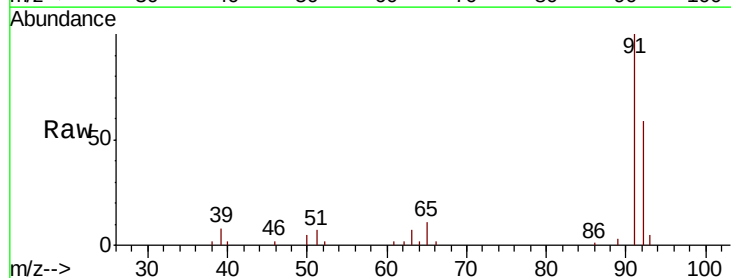
Instrument :
MSVOA_W
ClientSampleId :
SB-58(0-5)-GRAB

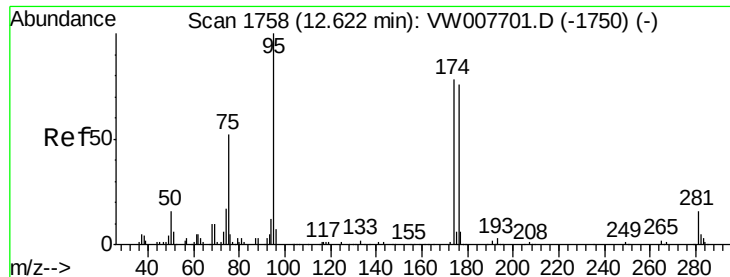
Tgt Ion: 98 Resp: 162726
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.2



#52
Toluene
Concen: 1.692 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007860.D
Acq: 22 Dec 2018 22:47

Tgt Ion: 92 Resp: 4088
Ion Ratio Lower Upper
92 100
91 181.1 137.0 205.4

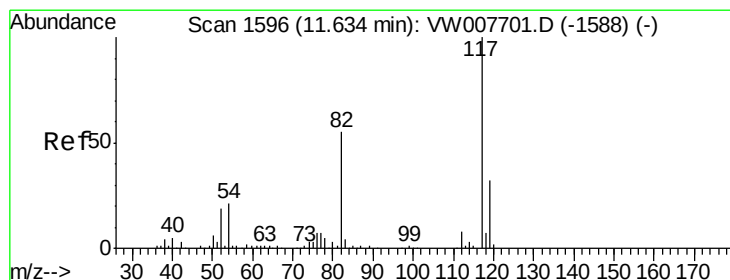
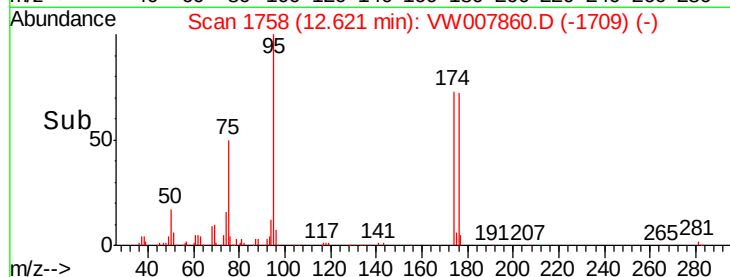
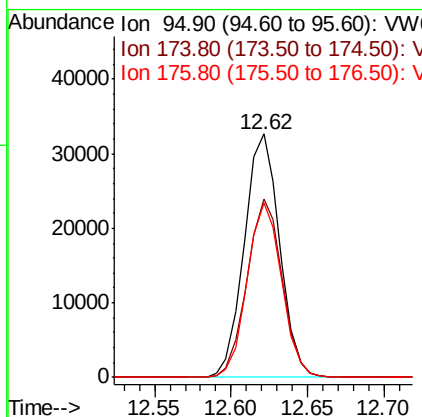
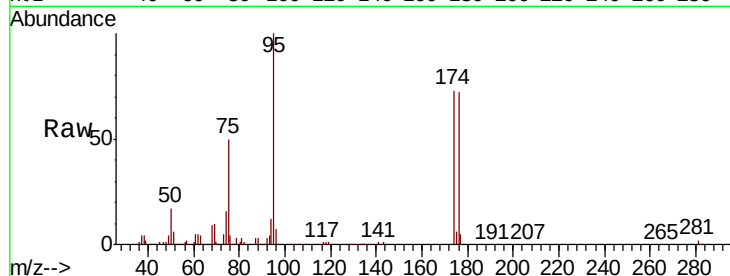




#62
4-Bromofluorobenzene
Concen: 42.144 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007860.D
Acq: 22 Dec 2018 22:47

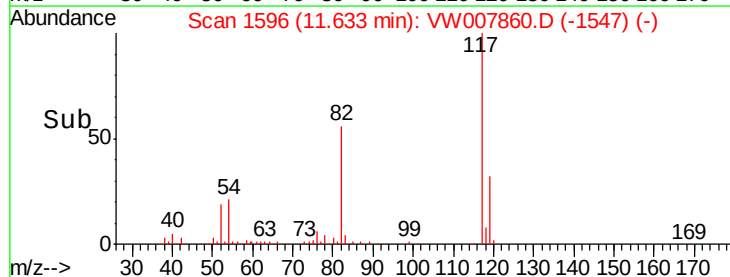
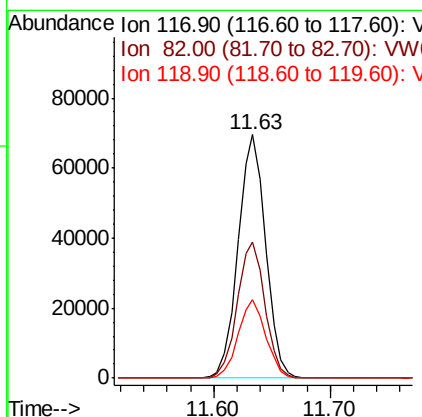
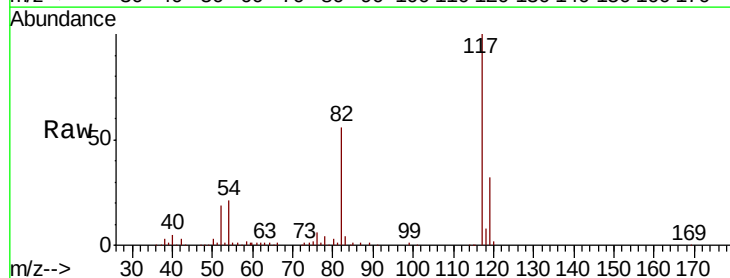
Instrument :
MSVOA_W
ClientSampleId :
SB-58(0-5)-GRAB

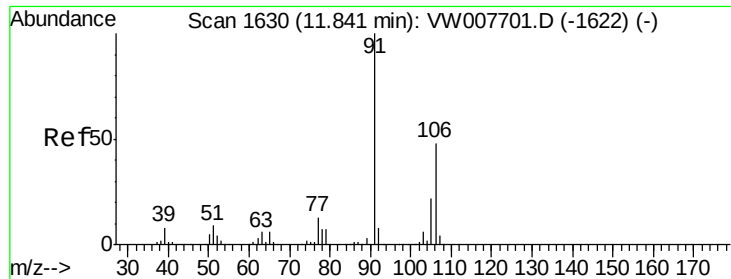
Tgt Ion: 95 Resp: 52347
Ion Ratio Lower Upper
95 100
174 72.9 0.0 152.2
176 70.3 0.0 146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007860.D
Acq: 22 Dec 2018 22:47

Tgt Ion: 117 Resp: 114536
Ion Ratio Lower Upper
117 100
82 56.1 44.3 66.5
119 32.3 25.7 38.5

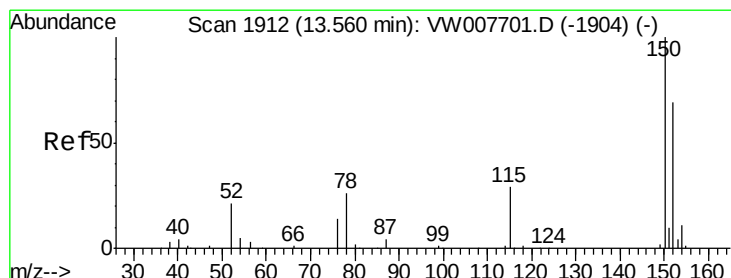
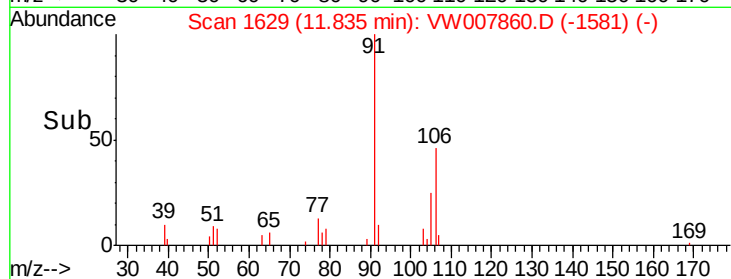
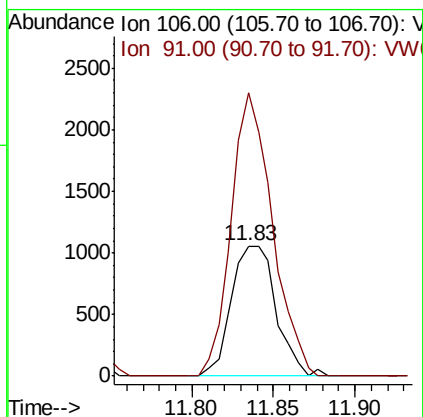
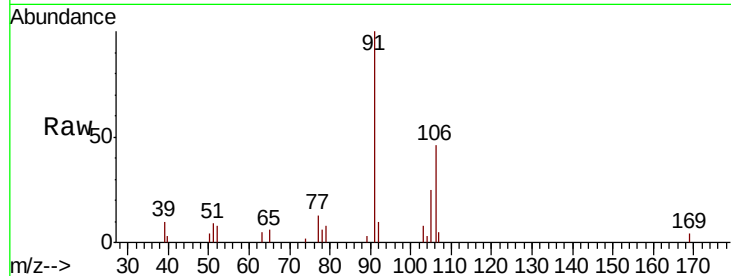




#68
m/p-Xylenes
Concen: 1.220 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007860.D
Acq: 22 Dec 2018 22:47

Instrument :
MSVOA_W
ClientSampleId :
SB-58(0-5)-GRAB

Tgt Ion:106 Resp: 2013
Ion Ratio Lower Upper
106 100
91 201.0 165.2 247.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007860.D
Acq: 22 Dec 2018 22:47

Tgt Ion:152 Resp: 42066
Ion Ratio Lower Upper
152 100
115 62.7 31.8 95.4
150 155.4 0.0 350.8

