

Data File : VW012111.D
Acq On : 22 Aug 2019 15:26
Operator : SY/VA
Sample : K4461-03
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-02-9.5-10.0

Quant Time: Aug 23 08:00:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	236856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	398848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	137219	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	149876	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	
35) Dibromofluoromethane	7.88	113	120431	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
50) Toluene-d8	10.32	98	484034	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
62) 4-Bromofluorobenzene	12.62	95	156713	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	

Target Compounds

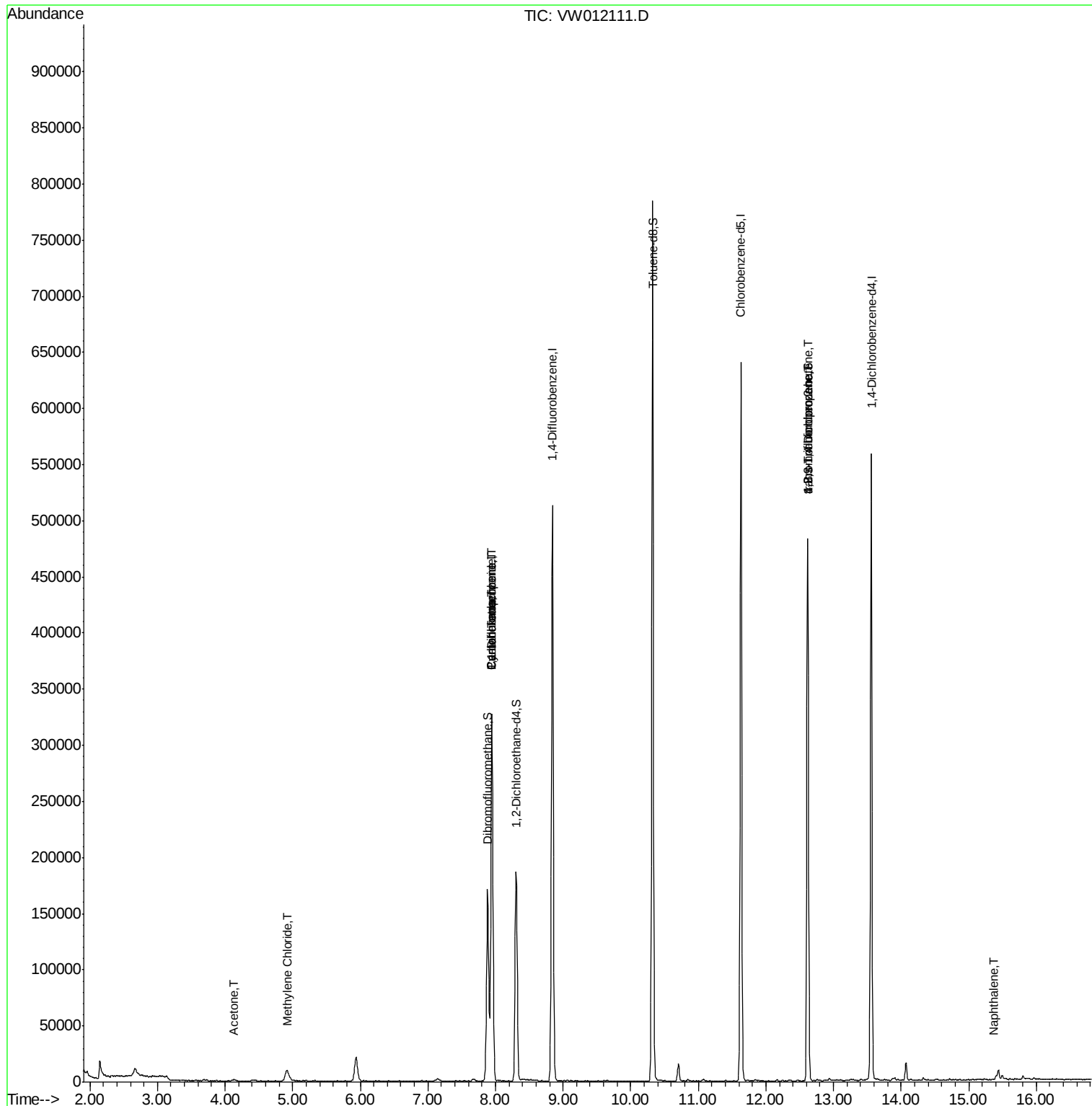
						Qvalue
11) Tert butyl alcohol	5.16	59	568	Below Cal	#	72
16) Acetone	4.14	43	2795	3.231	ug/l	93
20) Methylene Chloride	4.92	84	7718	2.587	ug/l #	91
31) Cyclohexane	7.95	56	5929	1.166	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20644	4.978	ug/l #	51
38) Carbon Tetrachloride	7.95	117	24325	6.851	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	84032	57.876	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	84032	133.384	ug/l #	6
95) Naphthalene	15.36	128	201	2.102	ug/l #	69

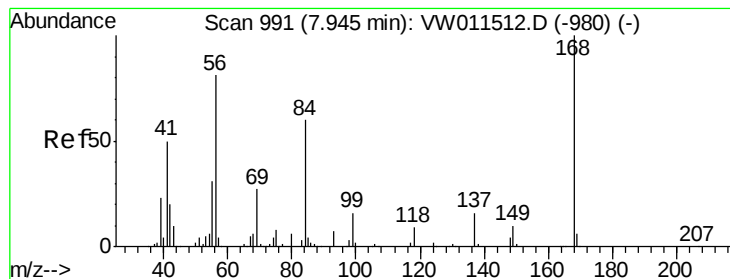
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012111.D

Acq: 22 Aug 2019 15:26

Instrument :

MSVOA_W

ClientSampleId :

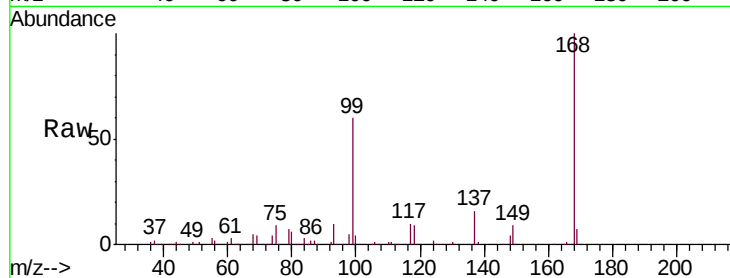
SB-02-9.5-10.0

Tgt Ion: 168 Resp: 236856

Ion Ratio Lower Upper

168 100

99 60.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

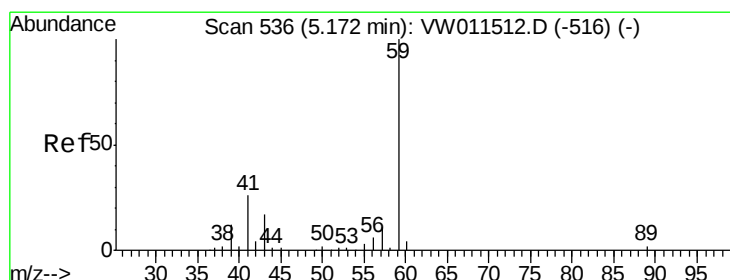
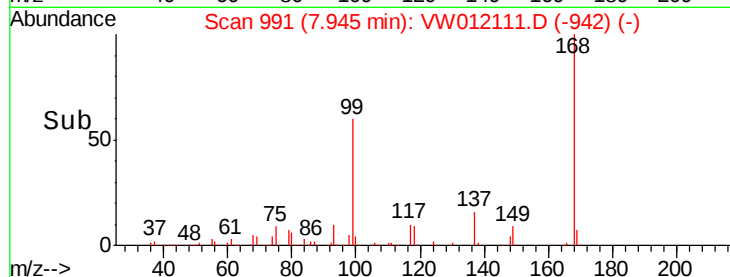
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.16 min Scan# 534

Delta R.T. -0.01 min

Lab File: VW012111.D

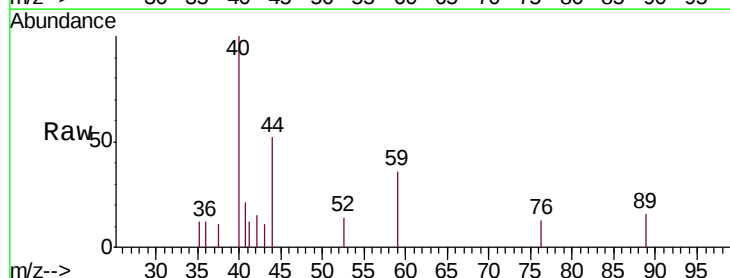
Acq: 22 Aug 2019 15:26

Tgt Ion: 59 Resp: 568

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.16

200

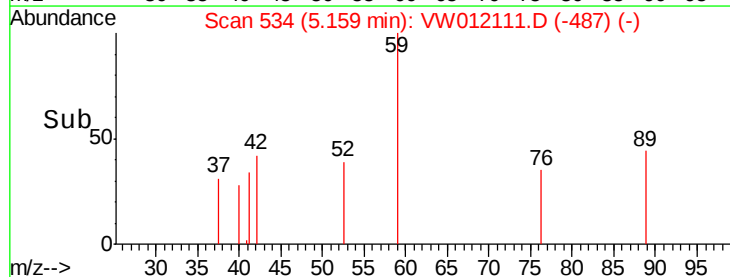
150

100

50

0

Time--> 5.10 5.15 5.20





#16

Acetone

Concen: 3.231 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012111.D

Acq: 22 Aug 2019 15:26

Instrument :

MSVOA_W

ClientSampleId :

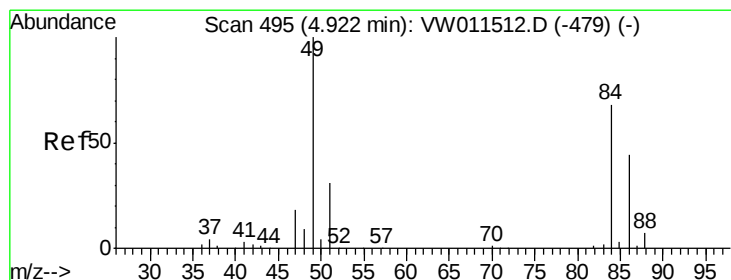
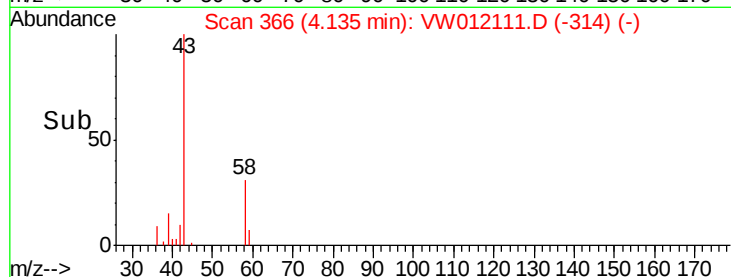
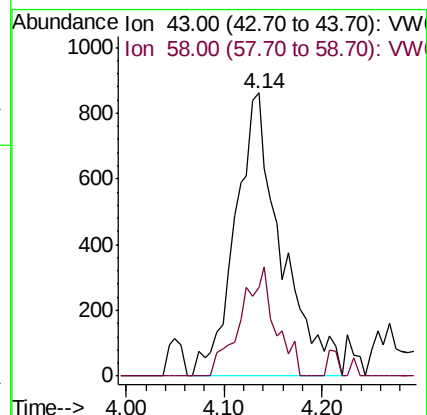
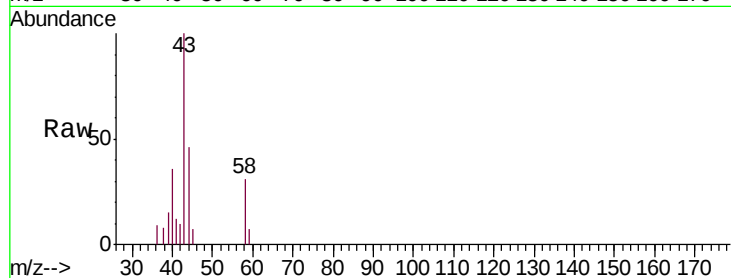
SB-02-9.5-10.0

Tgt Ion: 43 Resp: 2795

Ion Ratio Lower Upper

43 100

58 31.4 22.3 33.5



#20

Methylene Chloride

Concen: 2.587 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012111.D

Acq: 22 Aug 2019 15:26

Tgt Ion: 84 Resp: 7718

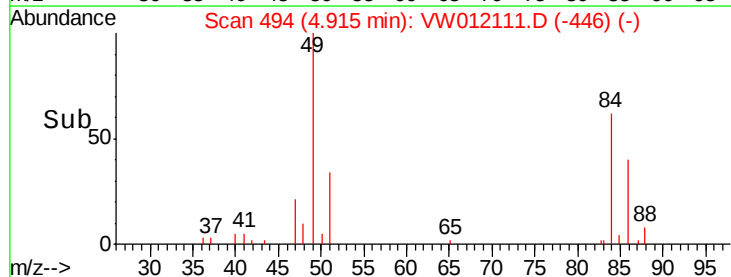
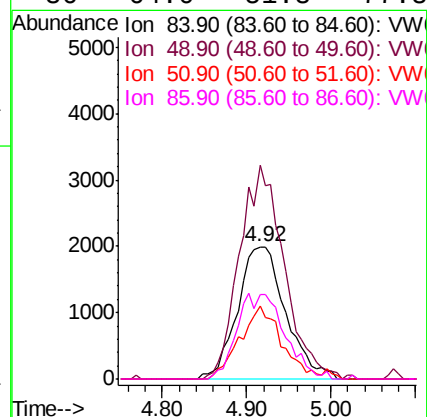
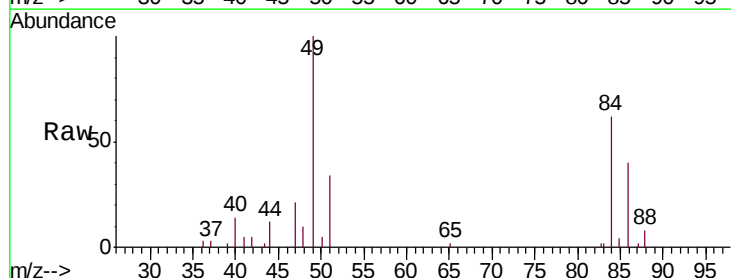
Ion Ratio Lower Upper

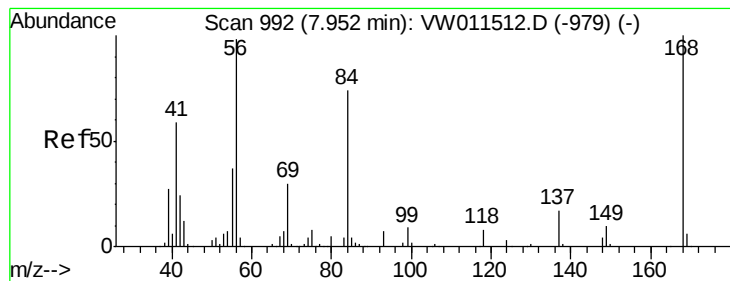
84 100

49 161.4 117.8 176.6

51 55.5 37.0 55.4#

86 64.0 51.8 77.8





#31

Cyclohexane

Concen: 1.166 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012111.D

Acq: 22 Aug 2019 15:26

Instrument :

MSVOA_W

ClientSampleId :

SB-02-9.5-10.0

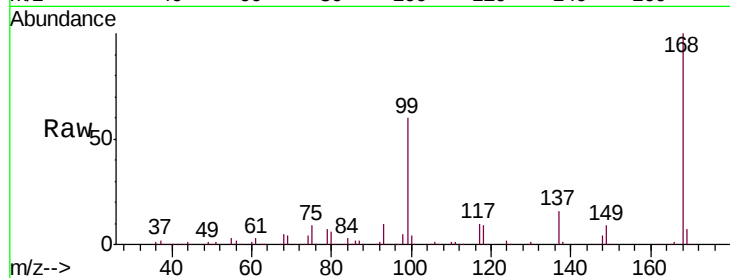
Tgt Ion: 56 Resp: 5929

Ion Ratio Lower Upper

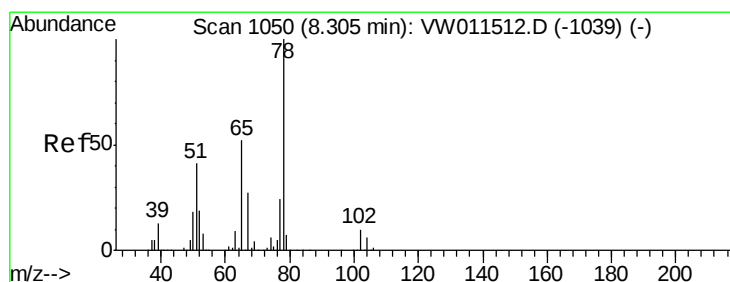
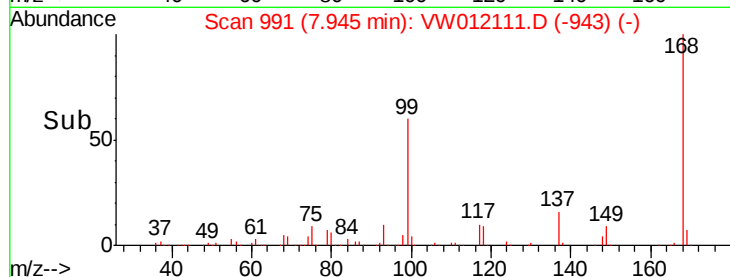
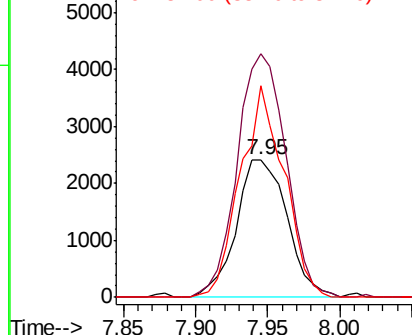
56 100

69 176.7 24.3 36.5#

84 153.7 60.4 90.6#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 55.106 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012111.D

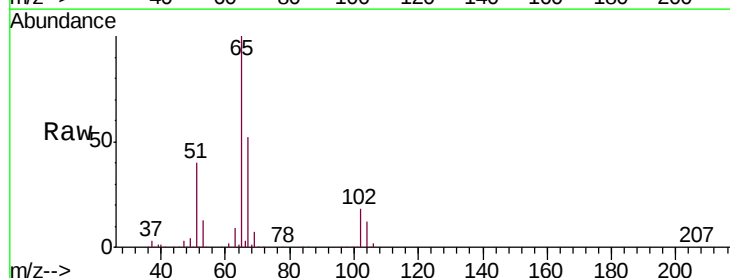
Acq: 22 Aug 2019 15:26

Tgt Ion: 65 Resp: 149876

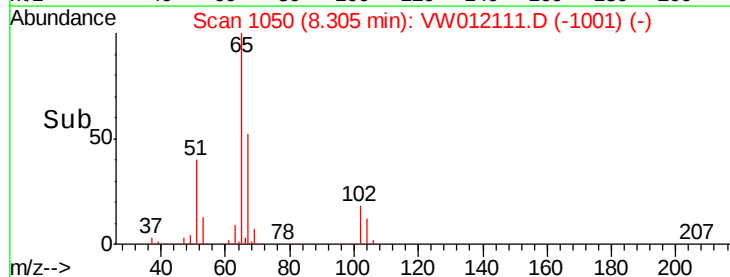
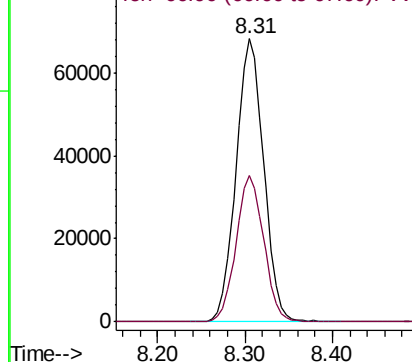
Ion Ratio Lower Upper

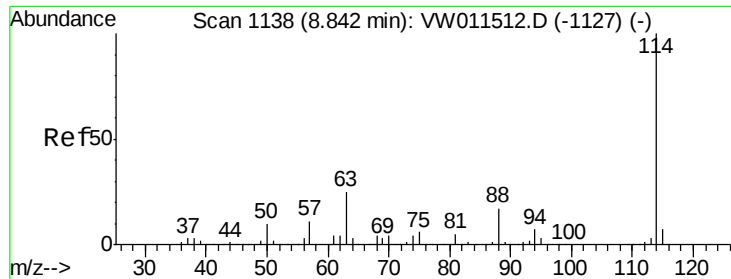
65 100

67 51.6 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

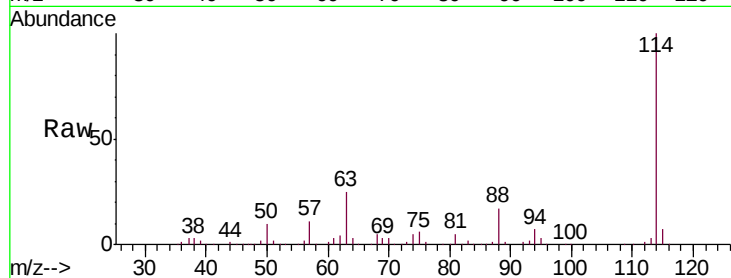




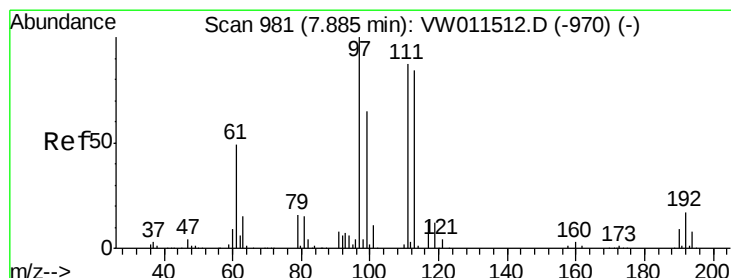
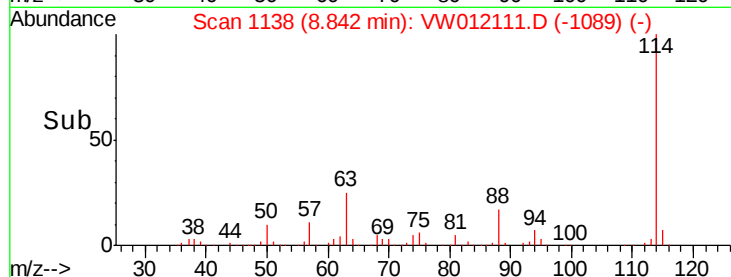
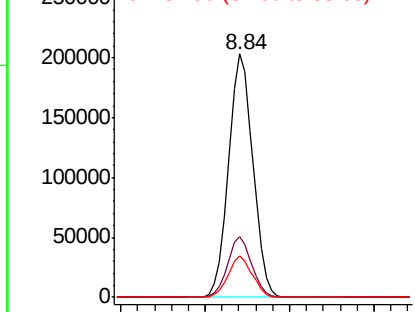
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012111.D
Acq: 22 Aug 2019 15:26

Instrument :
MSVOA_W
ClientSampleId :
SB-02-9.5-10.0

Tgt Ion:114 Resp: 398848
Ion Ratio Lower Upper
114 100
63 24.9 0.0 49.2
88 17.0 0.0 33.8

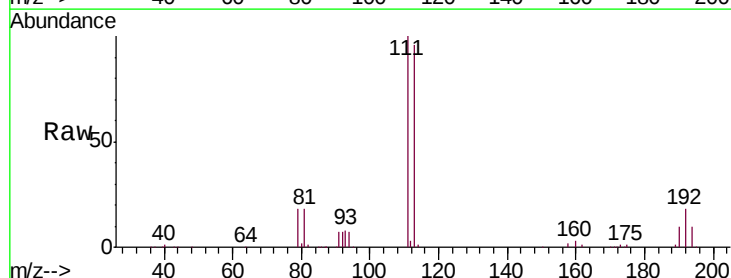


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

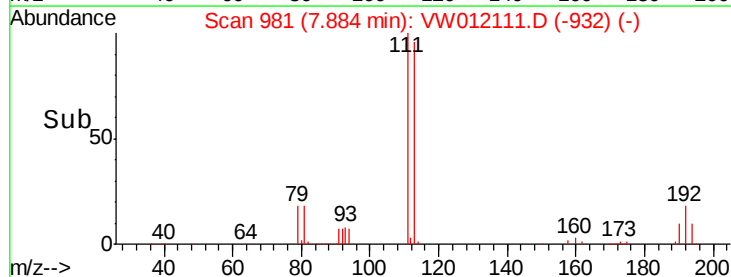
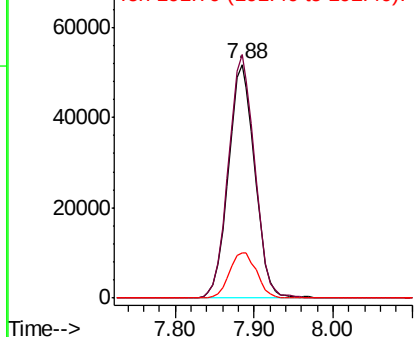


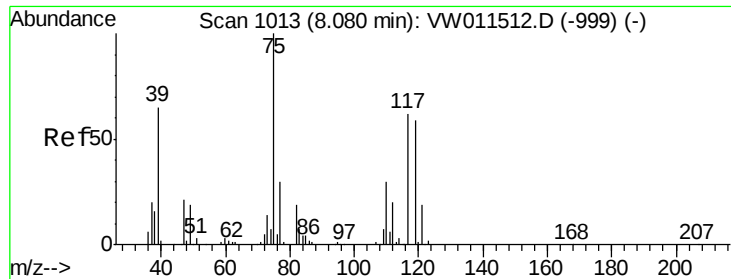
#35
Dibromofluoromethane
Concen: 53.821 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012111.D
Acq: 22 Aug 2019 15:26

Tgt Ion:113 Resp: 120431
Ion Ratio Lower Upper
113 100
111 103.8 82.7 124.1
192 19.9 16.1 24.1



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

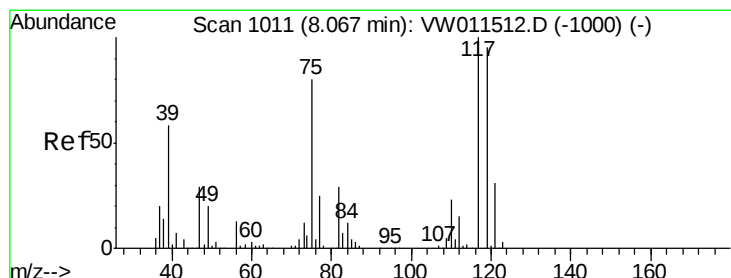
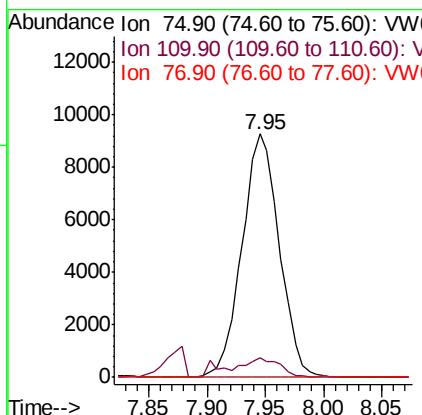
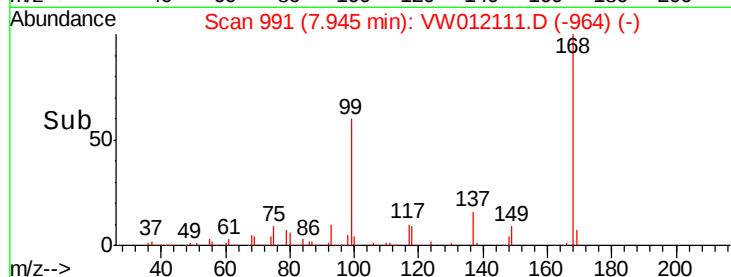
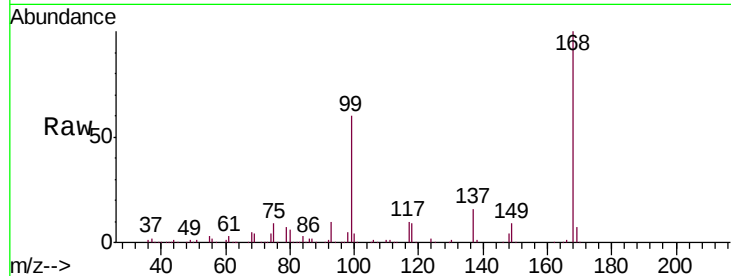




#36
 1,1-Dichloropropene
 Concen: 4.978 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012111.D
 Acq: 22 Aug 2019 15:26

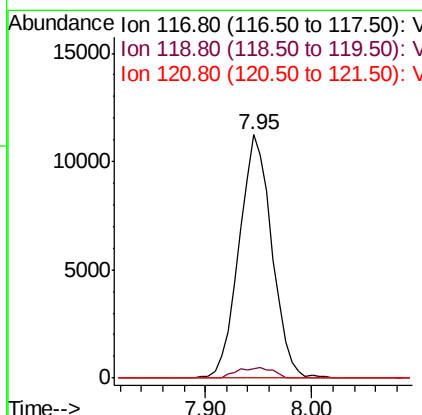
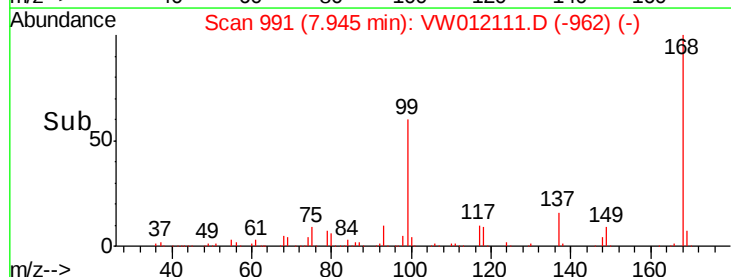
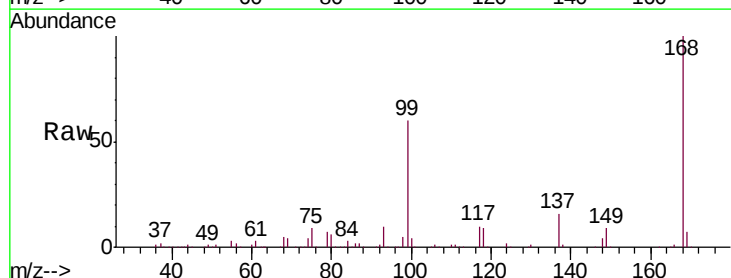
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02-9.5-10.0

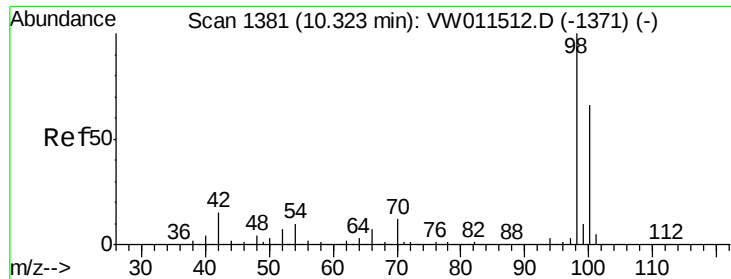
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.6	15.6	46.8#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 6.851 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012111.D
 Acq: 22 Aug 2019 15:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.8	113.6#
121	0.0	24.7	37.1#





#50

Toluene-d8

Concen: 52.834 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012111.D

Acq: 22 Aug 2019 15:26

Instrument :

MSVOA_W

ClientSampleId :

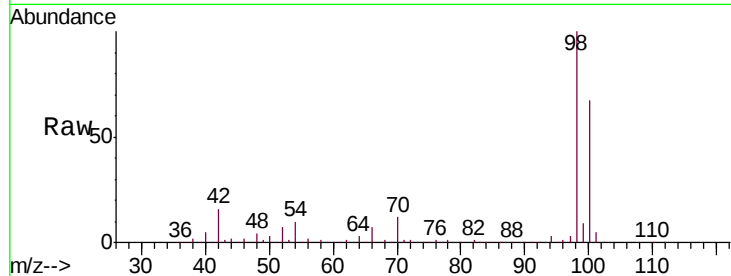
SB-02-9.5-10.0

Tgt Ion: 98 Resp: 484034

Ion Ratio Lower Upper

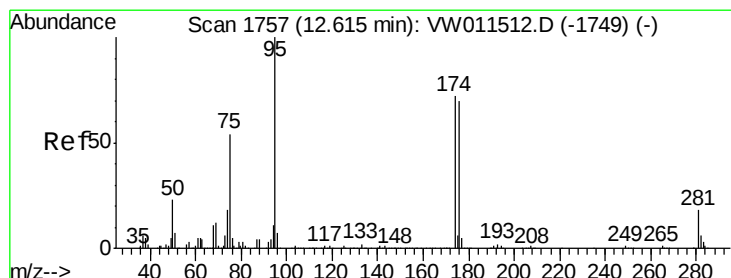
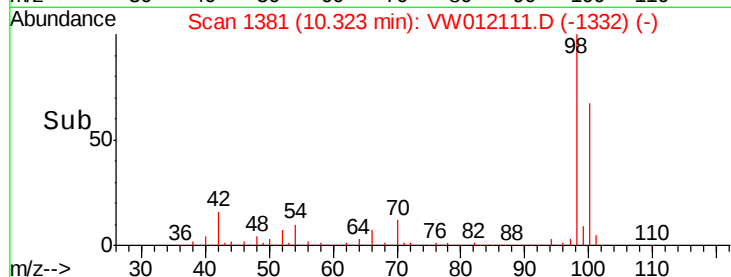
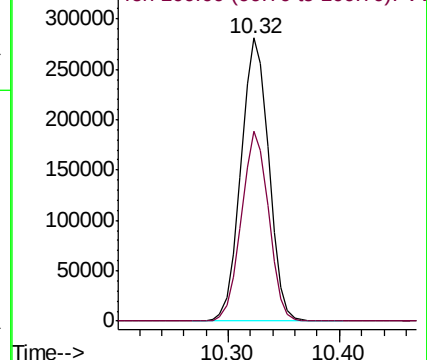
98 100

100 65.9 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 47.980 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012111.D

Acq: 22 Aug 2019 15:26

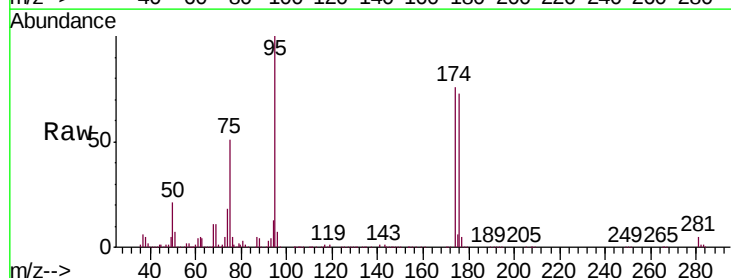
Tgt Ion: 95 Resp: 156713

Ion Ratio Lower Upper

95 100

174 76.7 0.0 150.2

176 72.5 0.0 144.4



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

