

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009752.D
 Acq On : 06 Apr 2019 02:57
 Operator : SY/VA
 Sample : K2188-03
 Misc : 2.55G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF650RE

Quant Time: Apr 06 05:39:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 05:36:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	416602	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	291388	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	69343	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	155194	28.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.88%
7) Chloroethane-d5	2.89	69	147035	29.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.76%
10) 1,1-Dichloroethene-d2	4.01	63	254150	21.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.72%
20) 2-Butanone-d5	7.08	46	96866	54.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.46%
24) Chloroform-d	7.65	84	319586	28.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.44%
26) 1,2-Dichloroethane-d4	8.30	65	193888	27.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.12%
29) Benzene-d6	8.27	84	611389	39.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	159.88%#
33) 1,2-Dichloropropane-d6	9.27	67	182158	38.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	154.24%#
37) Toluene-d8	10.32	98	469176	33.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	132.68%#
38) trans-1,3-Dichloropropene-	10.58	79	23115	10.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	41.04%
39) 2-Hexanone-d5	10.93	63	57505	64.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	90516	20.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	61310	25.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.80%

Target Compounds

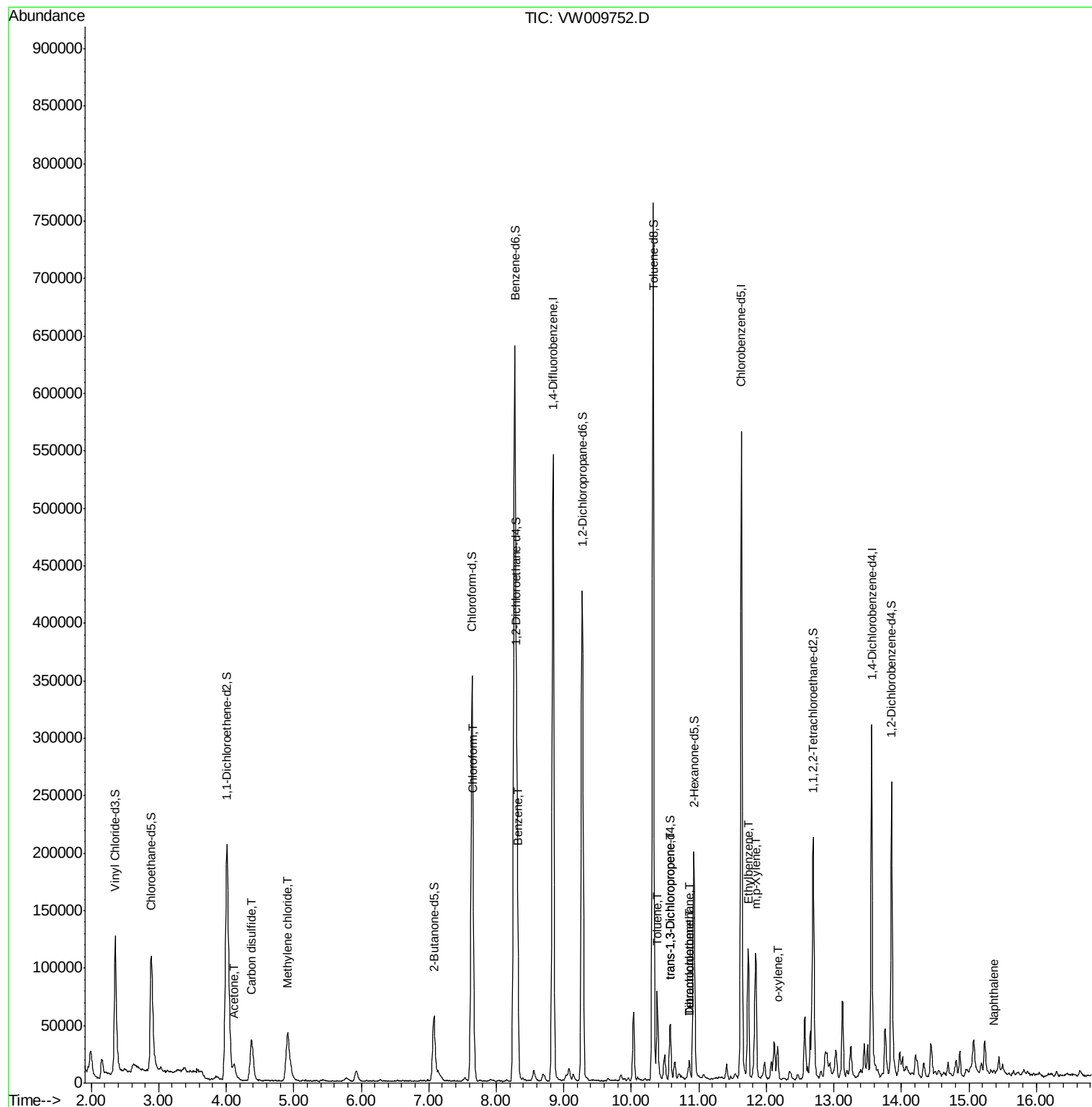
					Qvalue
13) Acetone	4.12	43	17935	9.457 ug/L	96
14) Carbon disulfide	4.37	76	74098	4.308 ug/L	99
16) Methylene chloride	4.91	84	35647	4.852 ug/L	94
25) Chloroform	7.66	83	4266	0.369 ug/L #	1
34) Benzene	8.32	78	13861	0.791 ug/L	100
44) Toluene	10.39	91	53094	2.859 ug/L	99
45) trans-1,3-Dichloropropene	10.58	75	1520	0.254 ug/L #	57
47) Tetrachloroethene	10.86	164	2945	0.815 ug/L	87
50) Dibromochloromethane	10.87	129	2594	0.627 ug/L #	12
53) Ethylbenzene	11.73	91	71956	3.401 ug/L	98
54) m,p-Xylene	11.83	106	15359	1.963 ug/L	95
55) o-xylene	12.17	106	6916	0.928 ug/L	93
69) Naphthalene	15.38	128	3529	0.687 ug/L #	90

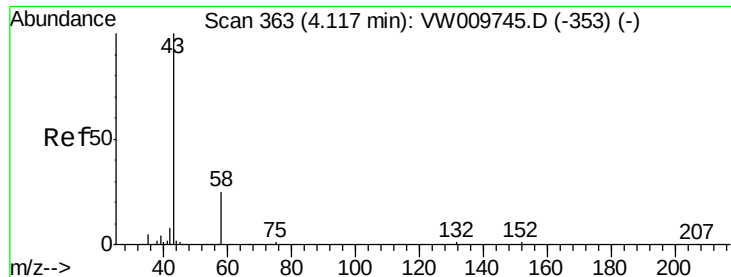
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009752.D
Acq On : 06 Apr 2019 02:57
Operator : SY/VA
Sample : K2188-03
Misc : 2.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF650RE

Quant Time: Apr 06 05:39:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:36:42 2019
Response via : Initial Calibration

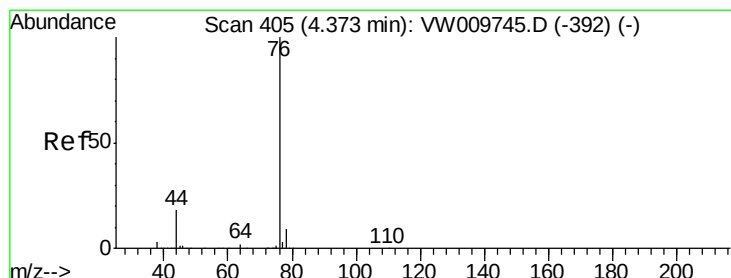
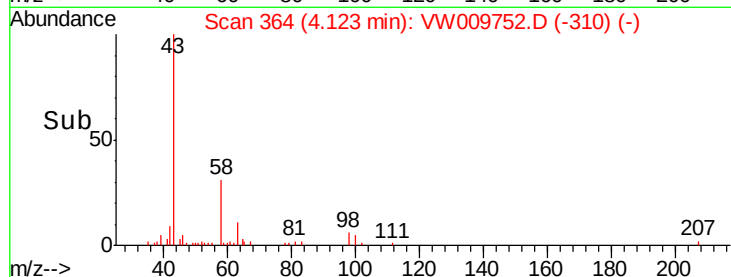
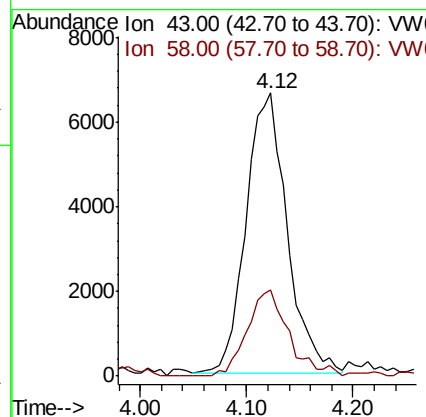
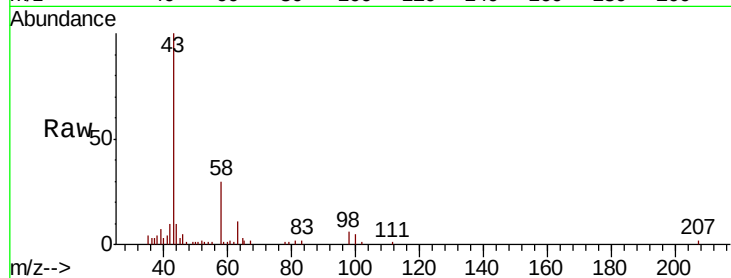




#13
Acetone
Concen: 9.457 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW009752.D
Acq: 06 Apr 2019 02:57

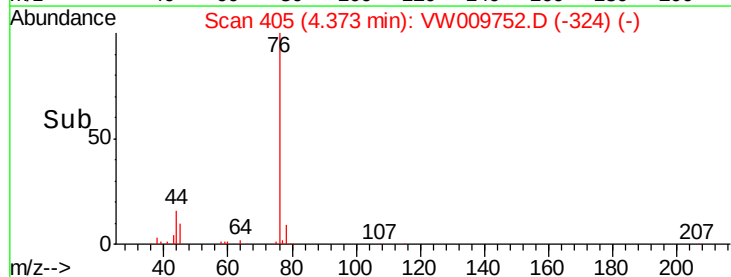
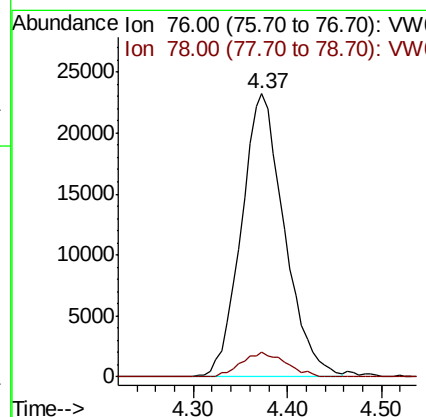
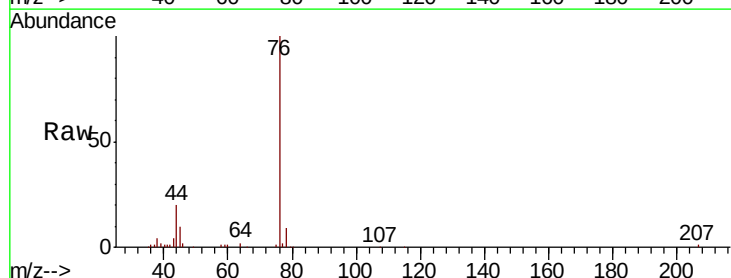
Instrument :
MSVOA_W
ClientSampleId :
BF650RE

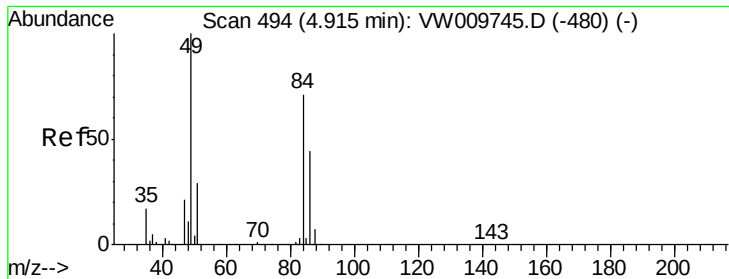
Tgt Ion: 43 Resp: 17935
Ion Ratio Lower Upper
43 100
58 28.8 0.0 53.0



#14
Carbon disulfide
Concen: 4.308 ug/L
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW009752.D
Acq: 06 Apr 2019 02:57

Tgt Ion: 76 Resp: 74098
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

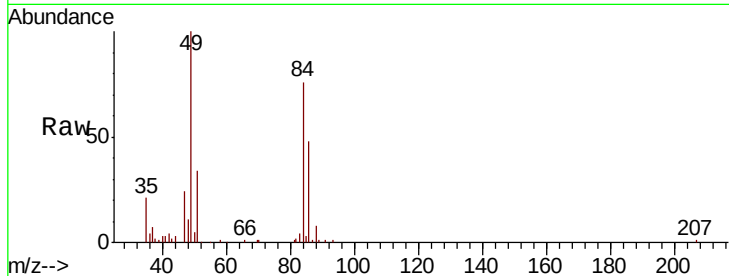




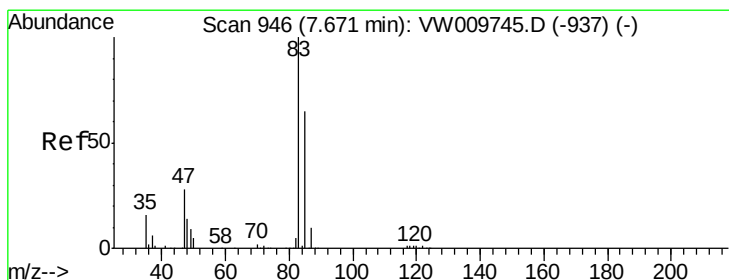
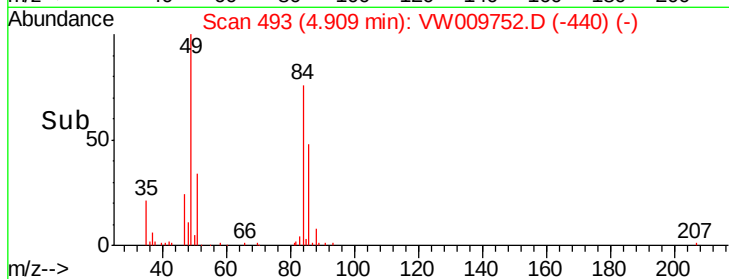
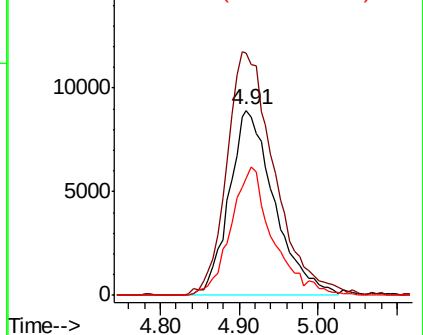
#16
Methylene chloride
Concen: 4.852 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009752.D
Acq: 06 Apr 2019 02:57

Instrument :
MSVOA_W
ClientSampleId :
BF650RE

Tgt Ion: 84 Resp: 35647
Ion Ratio Lower Upper
84 100
49 131.4 98.3 182.5
86 63.3 46.4 86.2

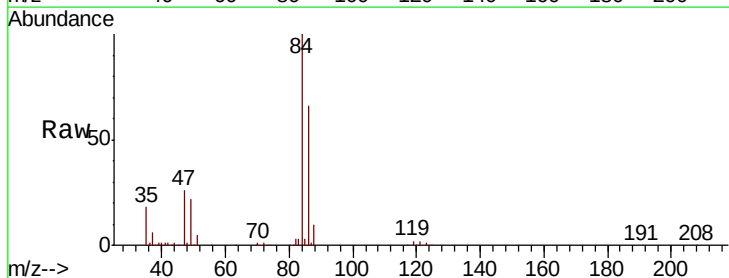


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

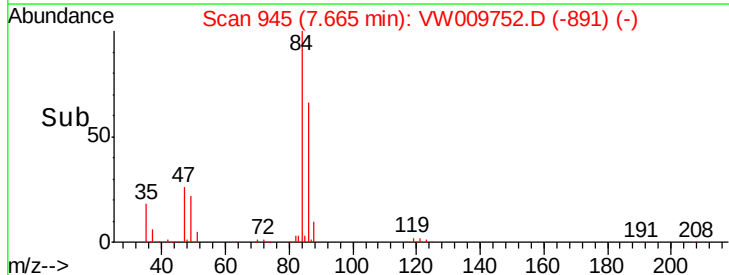
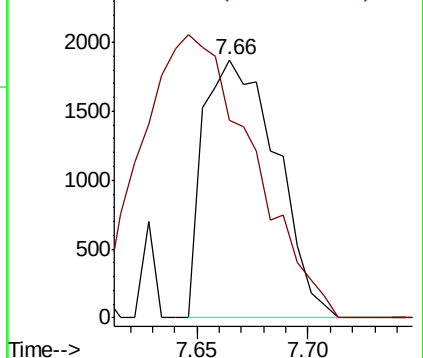


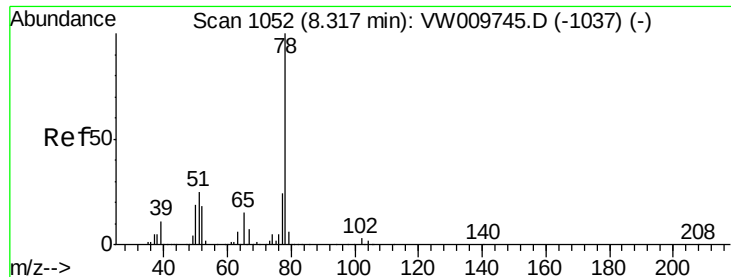
#25
Chloroform
Concen: 0.369 ug/L
RT: 7.66 min Scan# 945
Delta R.T. -0.00 min
Lab File: VW009752.D
Acq: 06 Apr 2019 02:57

Tgt Ion: 83 Resp: 4266
Ion Ratio Lower Upper
83 100
85 167.8 45.6 84.8#



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 85.00 (84.70 to 85.70): VW





#34

Benzene

Concen: 0.791 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VW009752.D

Acq: 06 Apr 2019 02:57

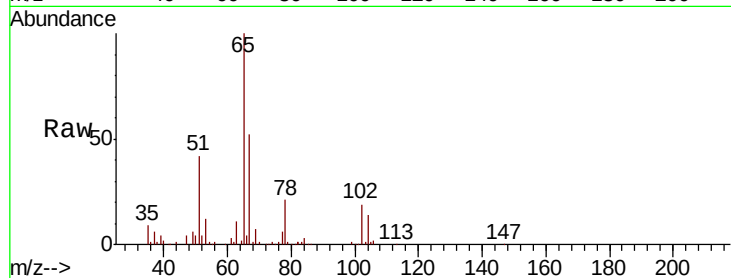
Instrument :

MSVOA_W

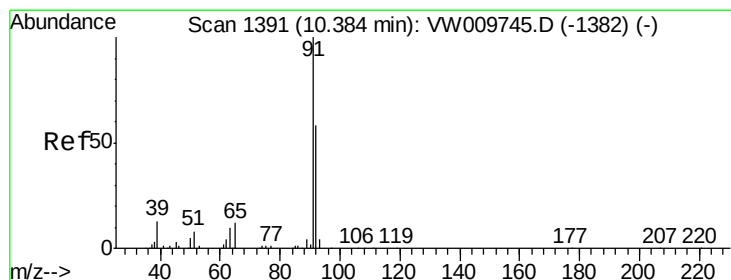
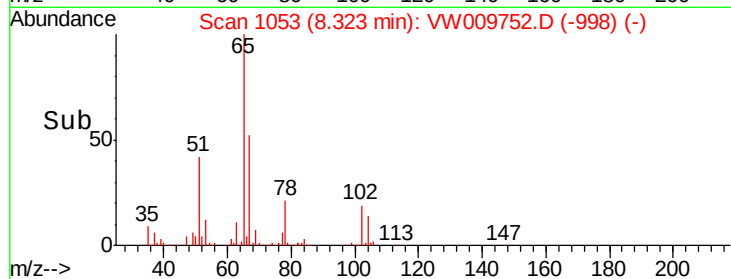
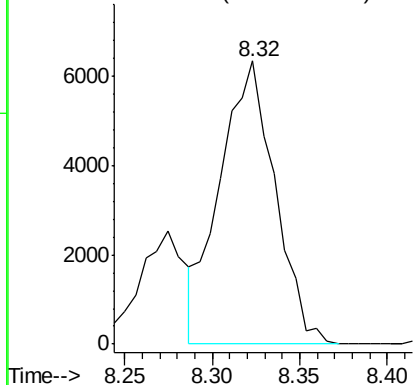
ClientSampleId :

BF650RE

Tgt Ion: 78 Resp: 13861



Abundance Ion 78.00 (77.70 to 78.70): VW



#44

Toluene

Concen: 2.859 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW009752.D

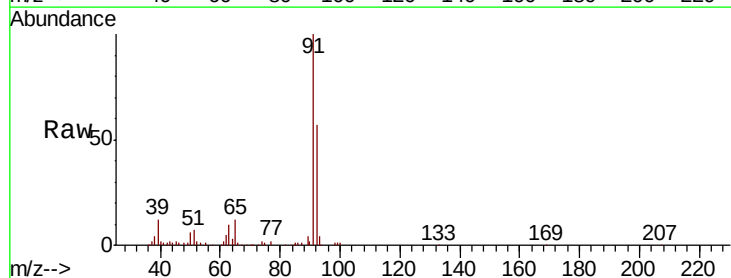
Acq: 06 Apr 2019 02:57

Tgt Ion: 91 Resp: 53094

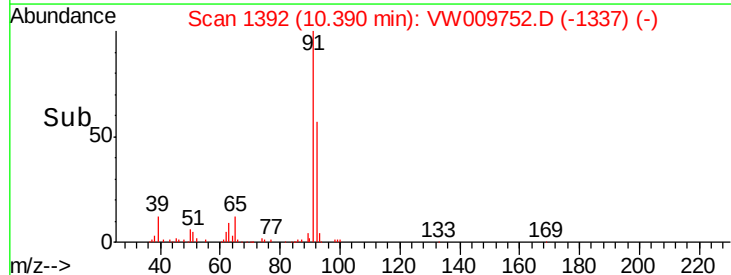
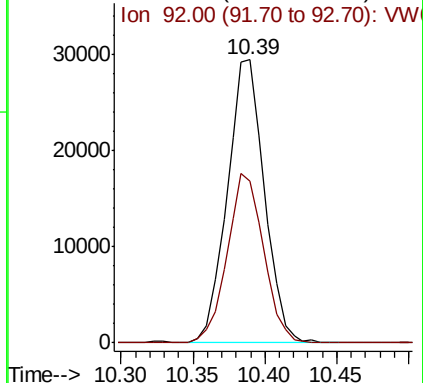
Ion Ratio Lower Upper

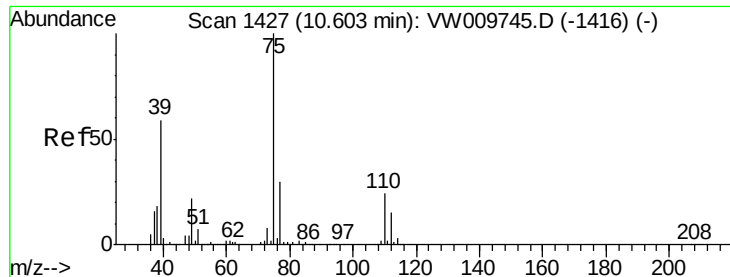
91 100

92 57.2 40.5 75.1



Abundance Ion 91.00 (90.70 to 91.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.254 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009752.D

Acq: 06 Apr 2019 02:57

Instrument :

MSVOA_W

ClientSampleId :

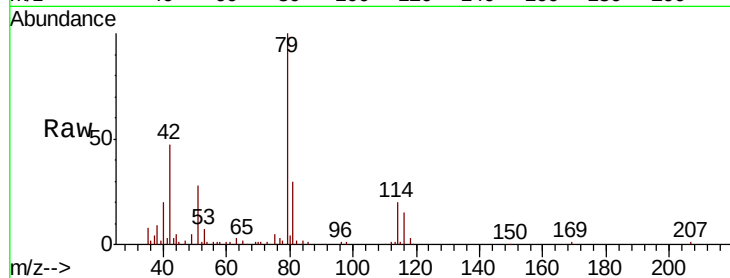
BF650RE

Tgt Ion: 75 Resp: 1520

Ion Ratio Lower Upper

75 100

77 53.8 21.1 39.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.58

800

600

400

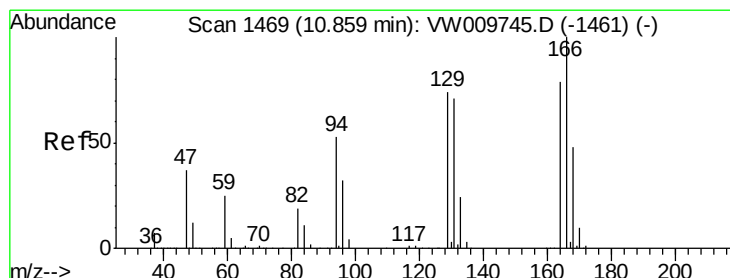
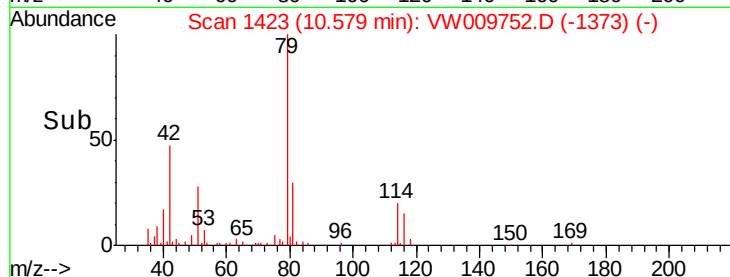
200

0

Time--> 10.50

10.55

10.60



#47

Tetrachloroethene

Concen: 0.815 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW009752.D

Acq: 06 Apr 2019 02:57

Tgt Ion: 164 Resp: 2945

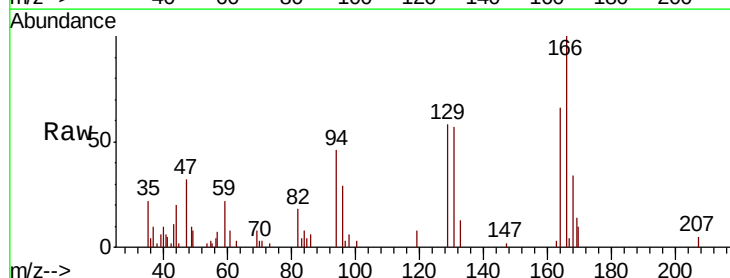
Ion Ratio Lower Upper

164 100

129 87.4 68.9 127.9

131 86.3 63.1 117.1

166 151.5 88.5 164.4



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

4000

3000

2000

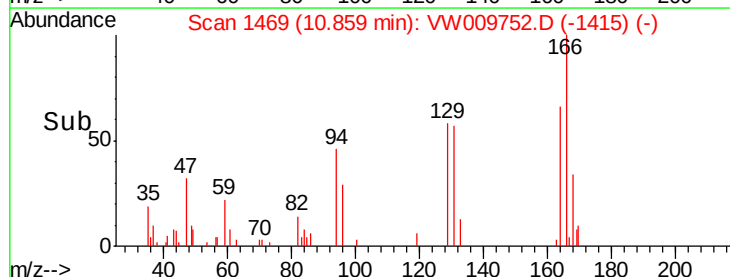
1000

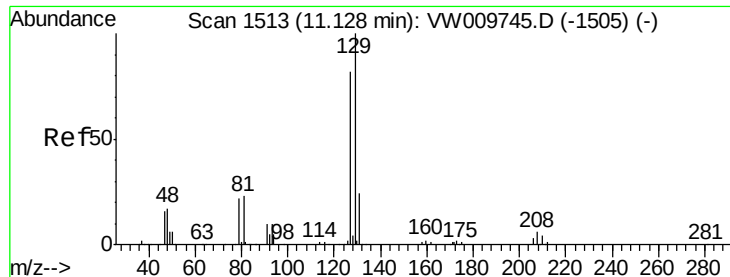
0

Time--> 10.80

10.85

10.90





#50

Dibromochloromethane

Concen: 0.627 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW009752.D

Acq: 06 Apr 2019 02:57

Instrument :

MSVOA_W

ClientSampleId :

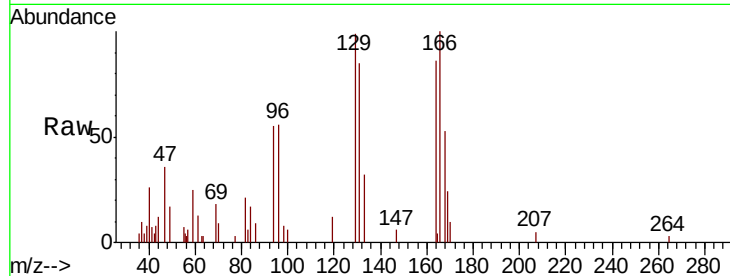
BF650RE

Tgt Ion:129 Resp: 2594

Ion Ratio Lower Upper

129 100

127 0.0 53.0 98.4#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.87

1500

1000

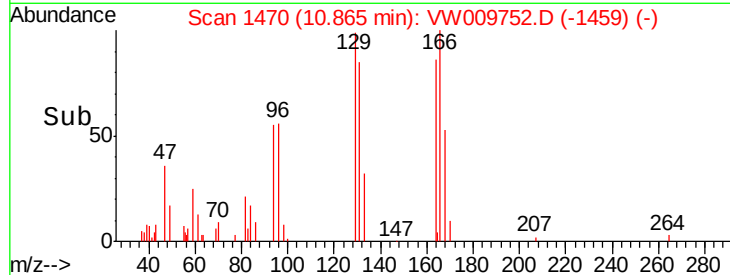
500

0

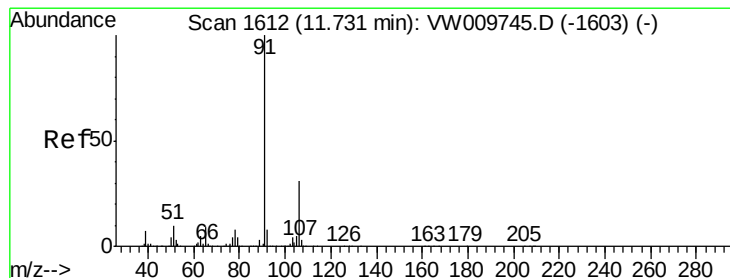
10.80

10.85

10.90



Time-->



#53

Ethylbenzene

Concen: 3.401 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW009752.D

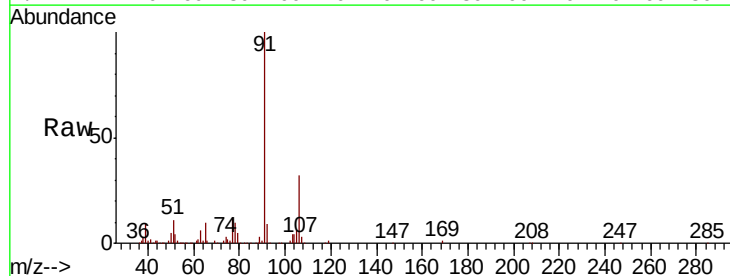
Acq: 06 Apr 2019 02:57

Tgt Ion: 91 Resp: 71956

Ion Ratio Lower Upper

91 100

106 31.7 21.5 39.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

11.73

50000

40000

30000

20000

10000

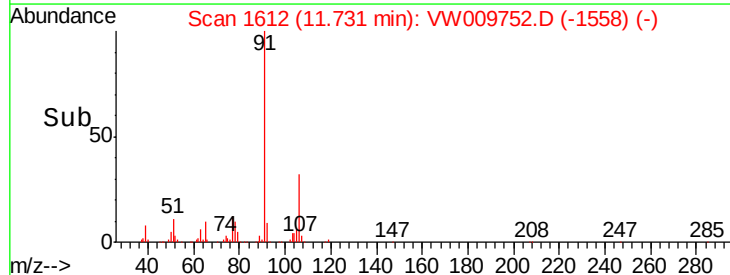
0

11.65

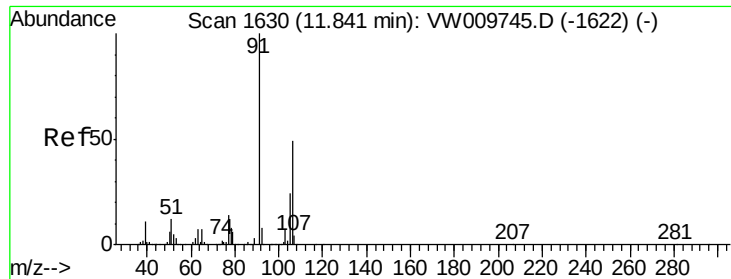
11.70

11.75

11.80



Time-->



#54

m,p-Xylene

Concen: 1.963 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW009752.D

Acq: 06 Apr 2019 02:57

Instrument :

MSVOA_W

ClientSampleId :

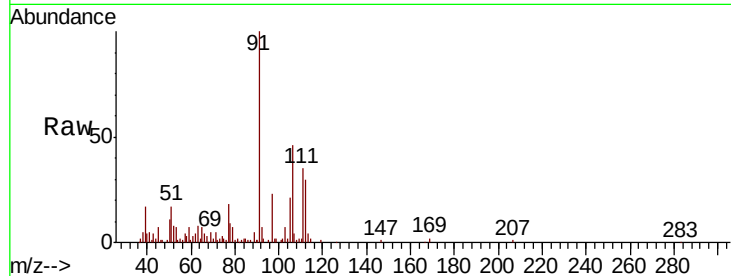
BF650RE

Tgt Ion:106 Resp: 15359

Ion Ratio Lower Upper

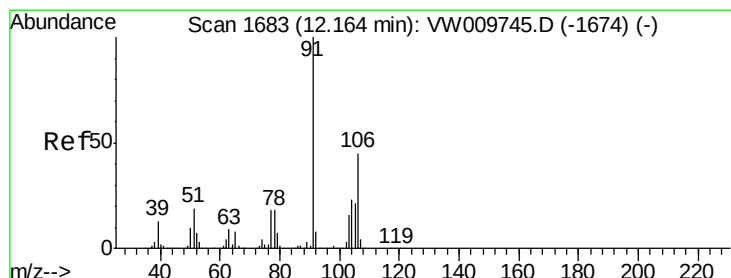
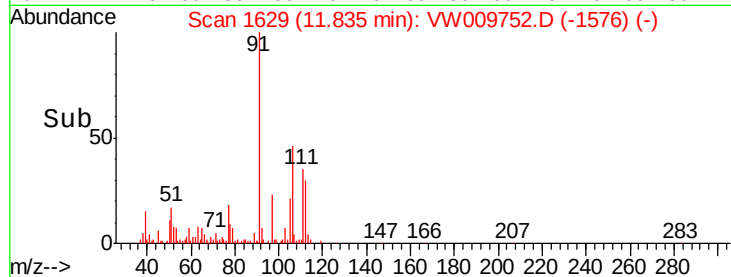
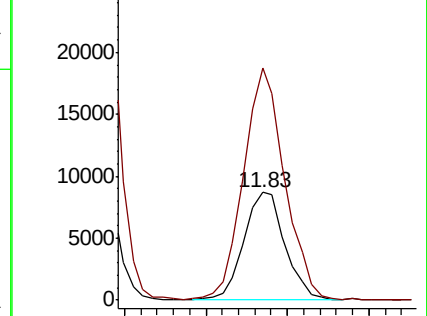
106 100

91 216.0 145.3 269.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.928 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VW009752.D

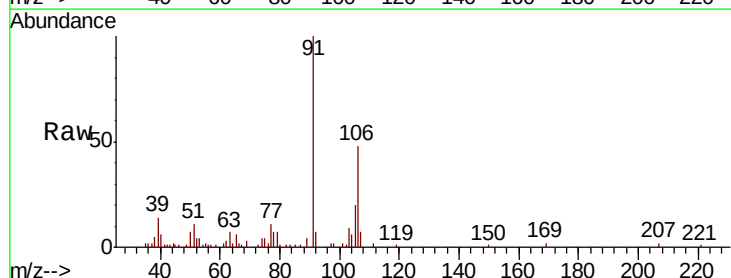
Acq: 06 Apr 2019 02:57

Tgt Ion:106 Resp: 6916

Ion Ratio Lower Upper

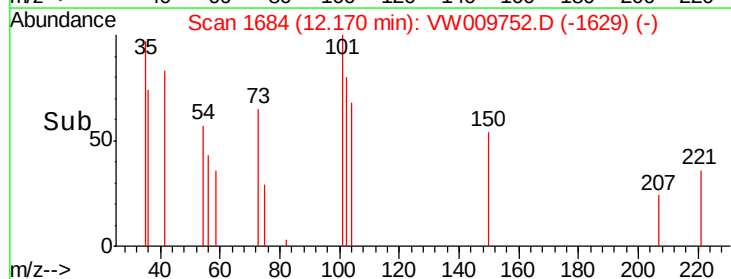
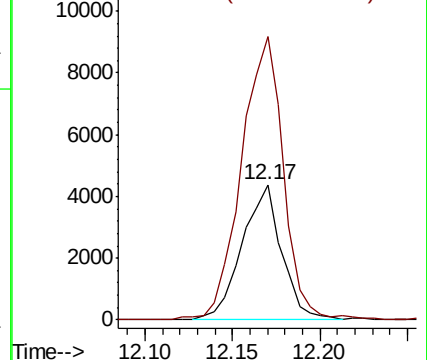
106 100

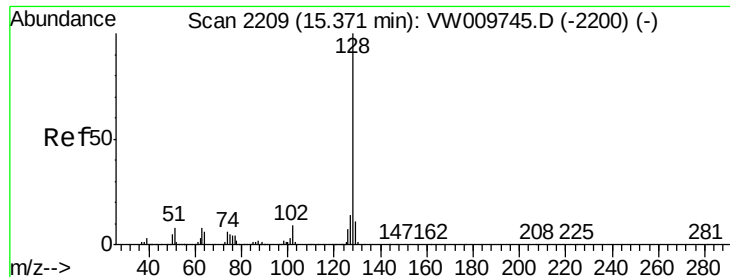
91 208.9 153.9 285.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#69

Naphthalene

Concen: 0.687 ug/L

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW009752.D

Acq: 06 Apr 2019 02:57

Instrument :

MSVOA_W

ClientSampleId :

BF650RE

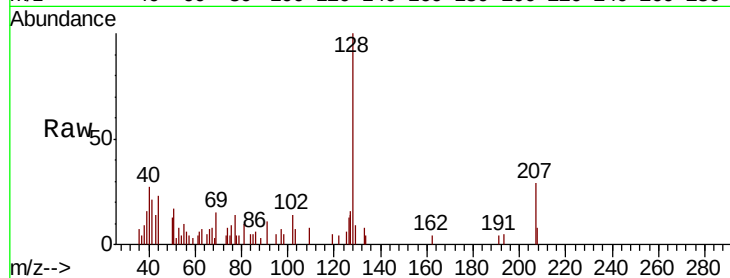
Tgt Ion:128 Resp: 3529

Ion Ratio Lower Upper

128 100

129 6.9 8.5 12.7#

127 17.5 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

