

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

Instrument :
 MSVOA_W
 ClientSampleId :
 BF650RE

Quant Time: Apr 06 06:52:41 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

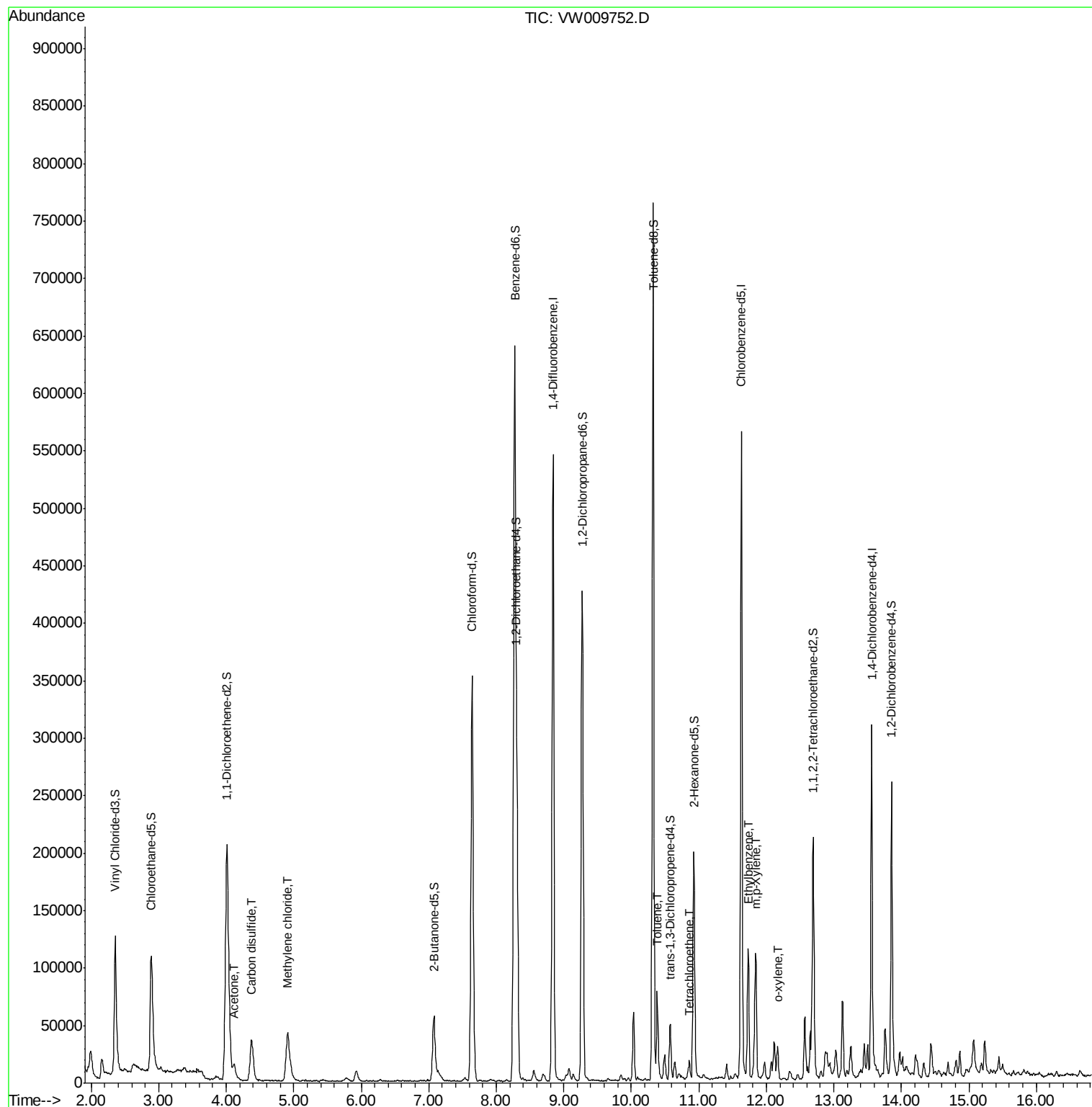
					Ovalue
13) Acetone	4.12	43	17935	9.457 ug/L	96
14) Carbon disulfide	4.37	76	74098	4.308 ug/L	99
16) Methylene chloride	4.91	84	35647	4.852 ug/L	94
44) Toluene	10.39	91	53094	2.859 ug/L	99
47) Tetrachloroethene	10.86	164	2945	0.815 ug/L	87
53) Ethylbenzene	11.73	91	71956	3.401 ug/L	98
54) m,p-Xylene	11.83	106	15359	1.963 ug/L	95
55) o-xylene	12.17	106	6916	0.928 ug/L	93

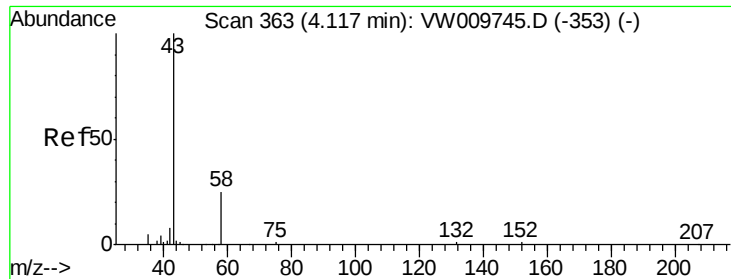
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

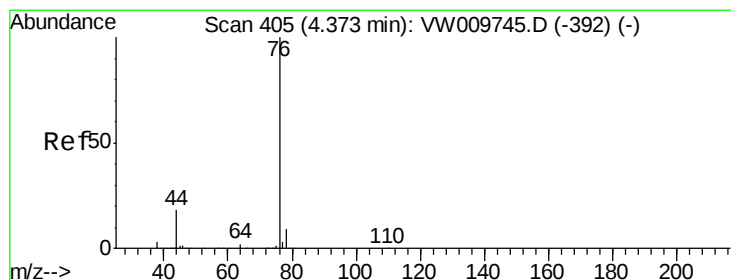
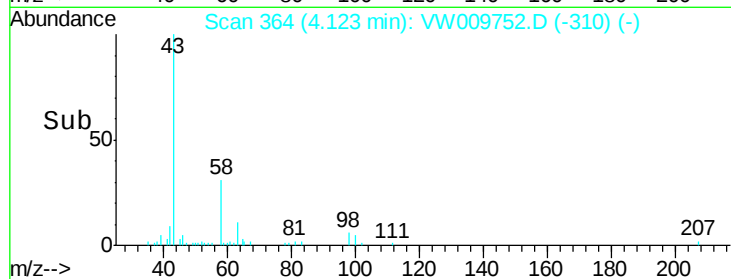
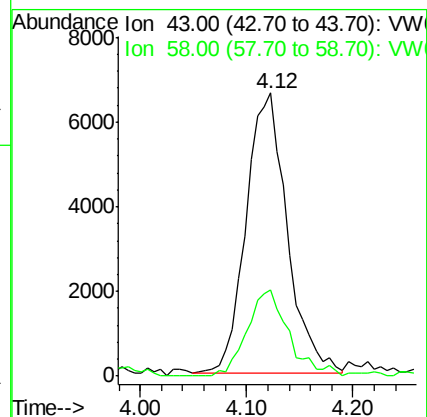
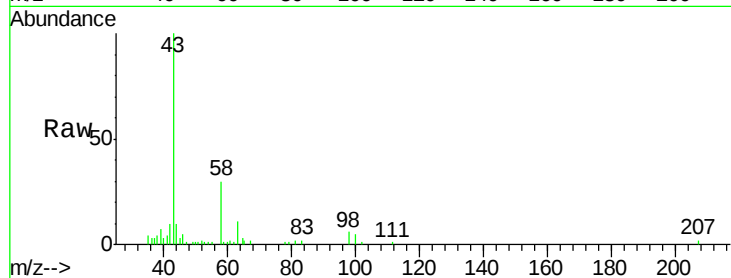
BF650RE

Tot 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

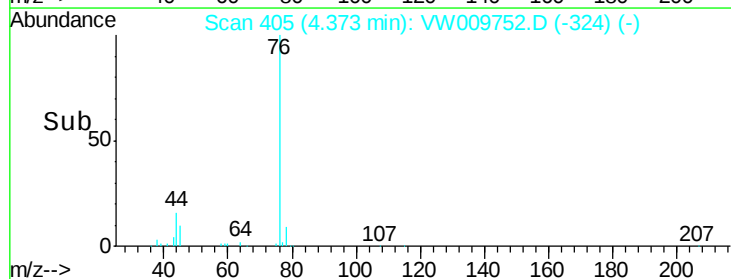
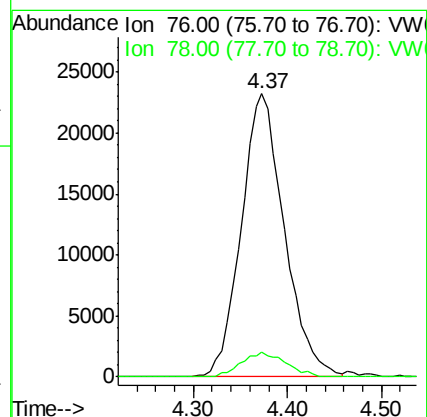
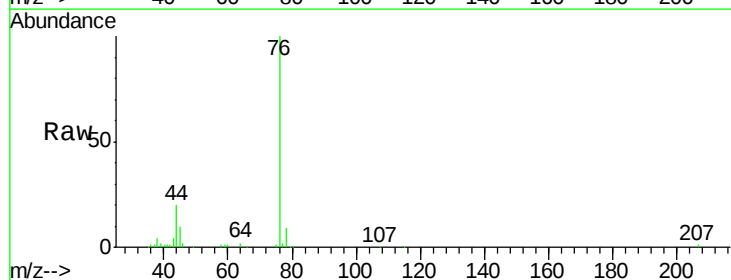
Acq: 06 Apr 2019 02:57

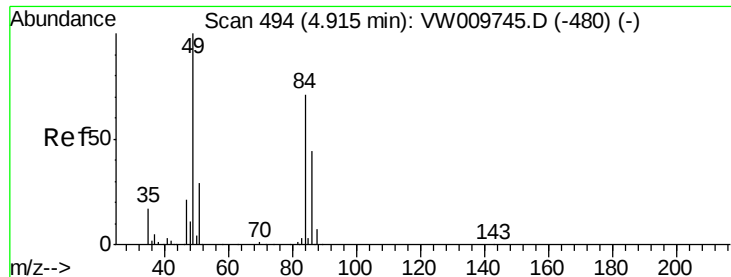
Tgt Ion: 76 Resp: 74098

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9

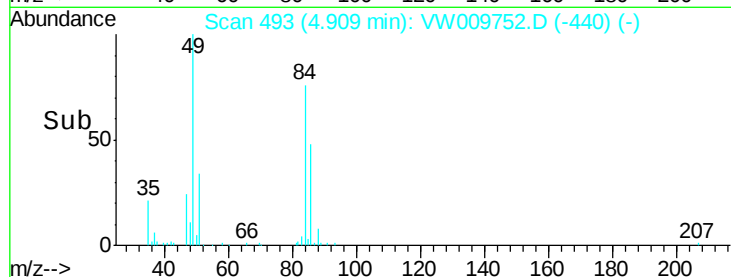
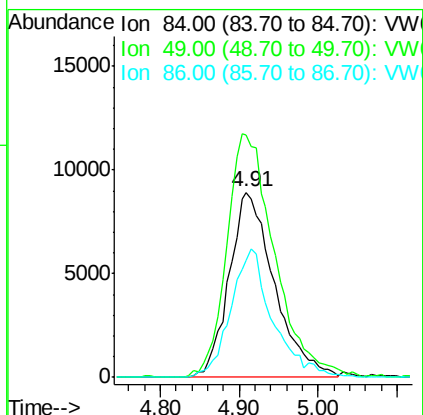
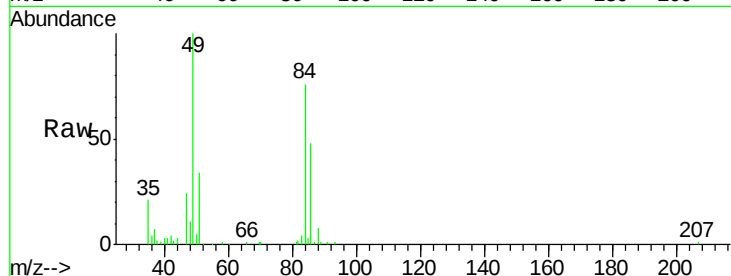




#16
Methvlene chloride
Concen: 4.852 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009752.D
Acq: 06 Apr 2019 02:57

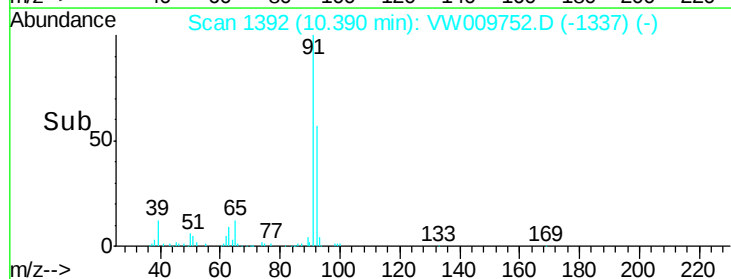
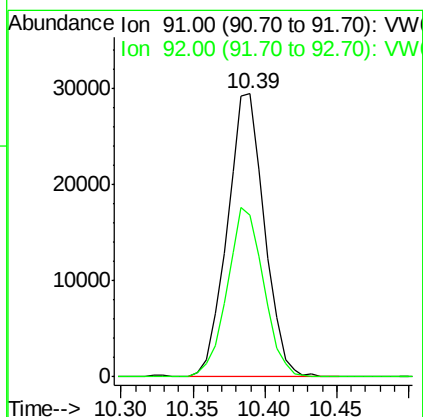
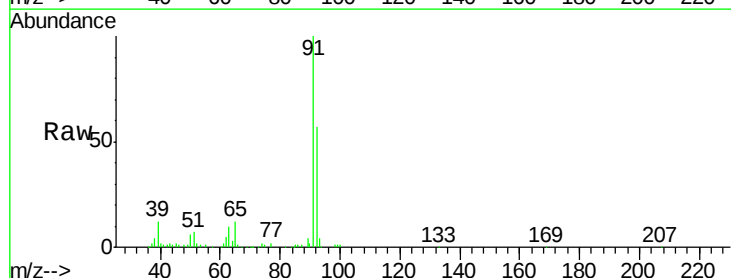
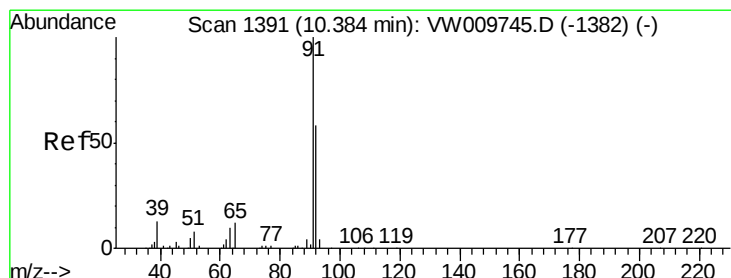
Instrument :
MSVOA_W
ClientSampleId :
BF650RE

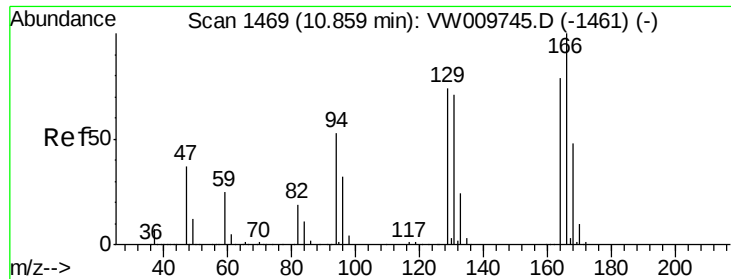
Tot Ion: 84 Resp: 35647
Ion Ratio Lower Upper
84 100
49 131.4 98.3 182.5
86 63.3 46.4 86.2



#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

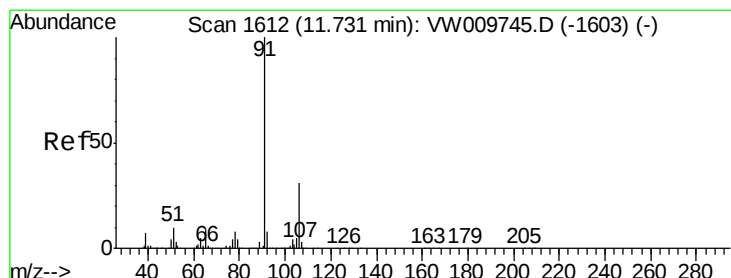
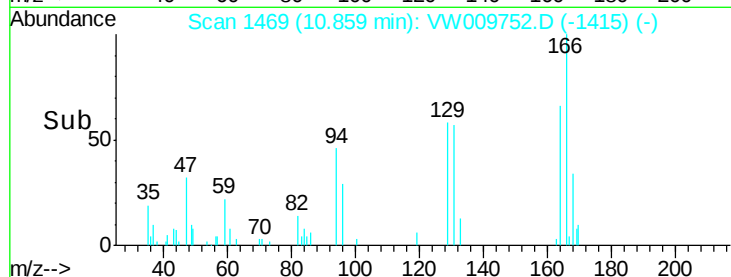
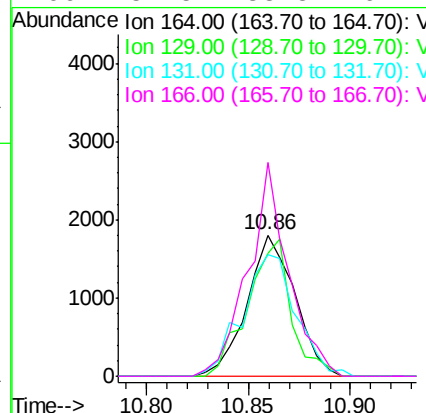
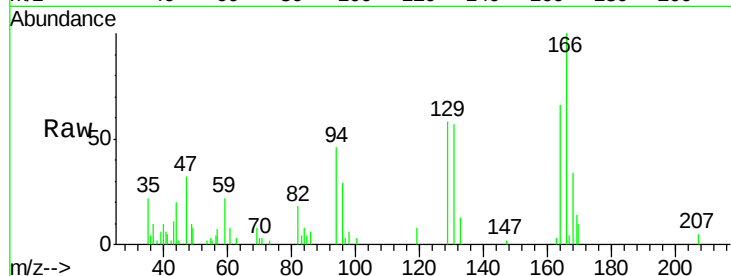




#47
 Tetrachloroethene
 Concen: 0.815 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VW009752.D
 Acq: 06 Apr 2019 02:57

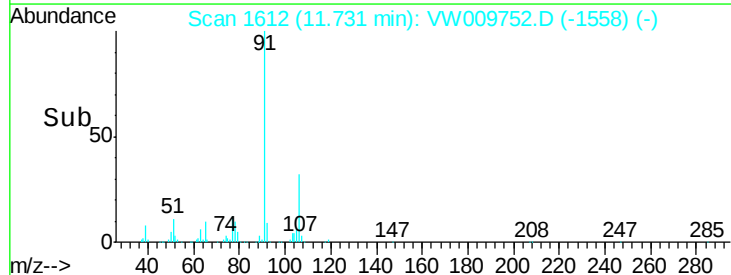
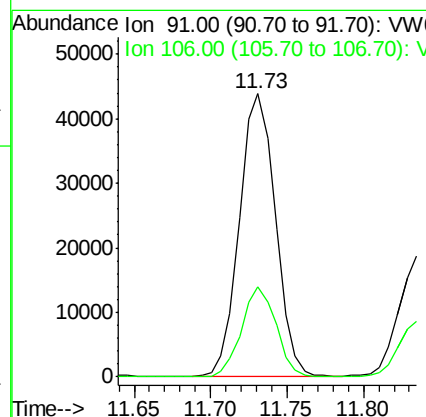
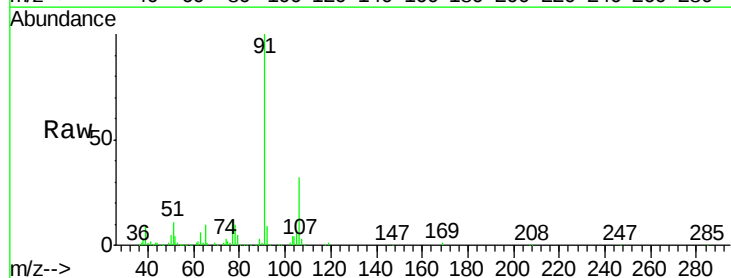
Instrument :
 MSVOA_W
 ClientSampled :
 BF650RE

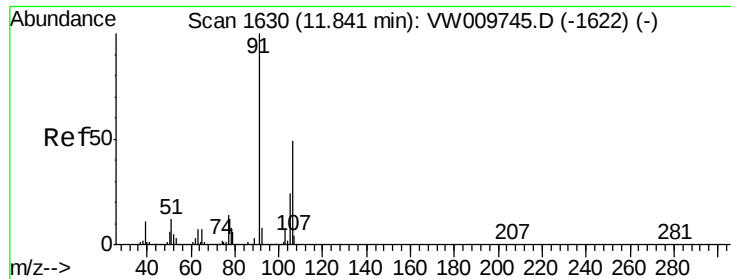
Tot Ion:164	Resp:	2945
Ion Ratio	Lower	Upper
164 100		
129 87.4	68.9	127.9
131 86.3	63.1	117.1
166 151.5	88.5	164.4



#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





#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 :

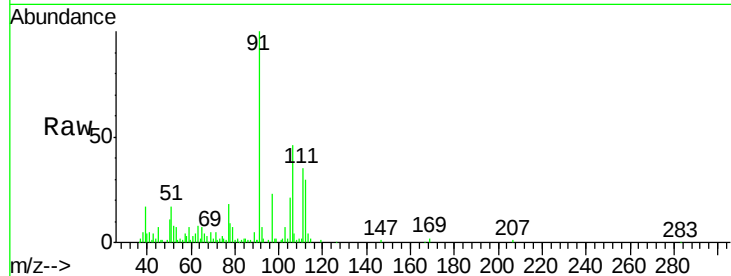
BF650RE

Tot Ion:106 Resp: 15359

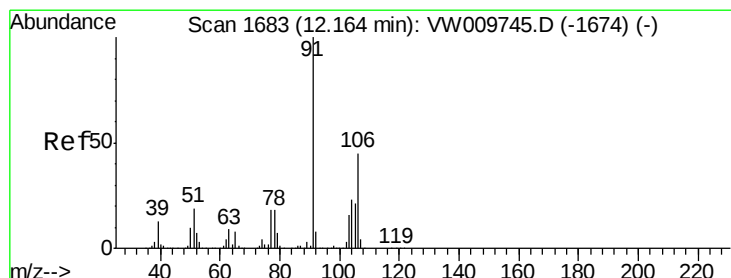
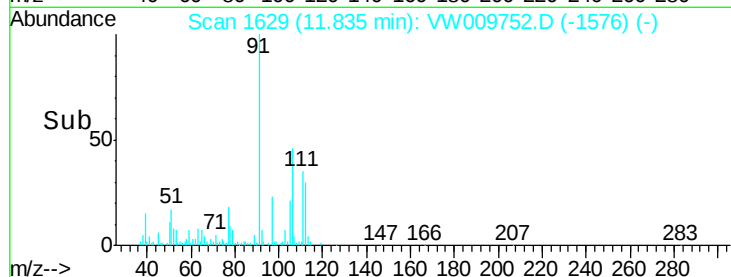
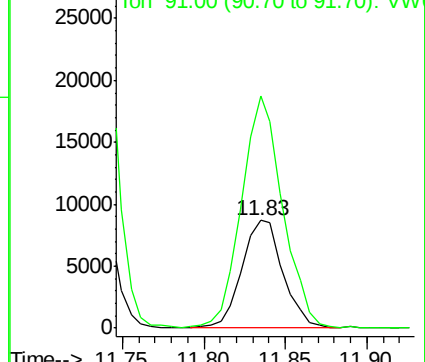
Ion Ratio Lower Upper

106 100

91 216.0 145.3 269.9



Abundance Ion 106.00 (105.70 to 106.70): V



#55

o-xylene

Concen: 0.928 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VW009752.D

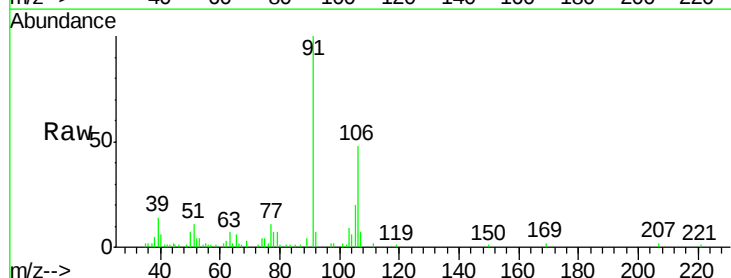
Acq: 06 Apr 2019 02:57

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

