

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009836.D
 Acq On : 09 Apr 2019 12:50
 Operator : SY/VA
 Sample : K2255-01
 Misc : 6.15G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC34RE

Quant Time: Apr 10 01:00:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 00:56:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	403968	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	339957	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	100594	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119576	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.48%
7) Chloroethane-d5	2.89	69	110351	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.16%
10) 1,1-Dichloroethene-d2	4.20	63	136	0.01	ug/L	0.18
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.07	46	87982	51.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.52%
24) Chloroform-d	7.64	84	301885	27.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.56%
26) 1,2-Dichloroethane-d4	8.31	65	182535	26.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.88%
29) Benzene-d6	8.27	84	535187	29.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.96%
33) 1,2-Dichloropropane-d6	9.27	67	170094	30.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.44%#
37) Toluene-d8	10.32	98	440486	26.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.80%
38) trans-1,3-Dichloropropene-	10.57	79	63436	24.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.52%
39) 2-Hexanone-d5	10.93	63	55218	53.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128183	25.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	95859	27.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.64%

Target Compounds

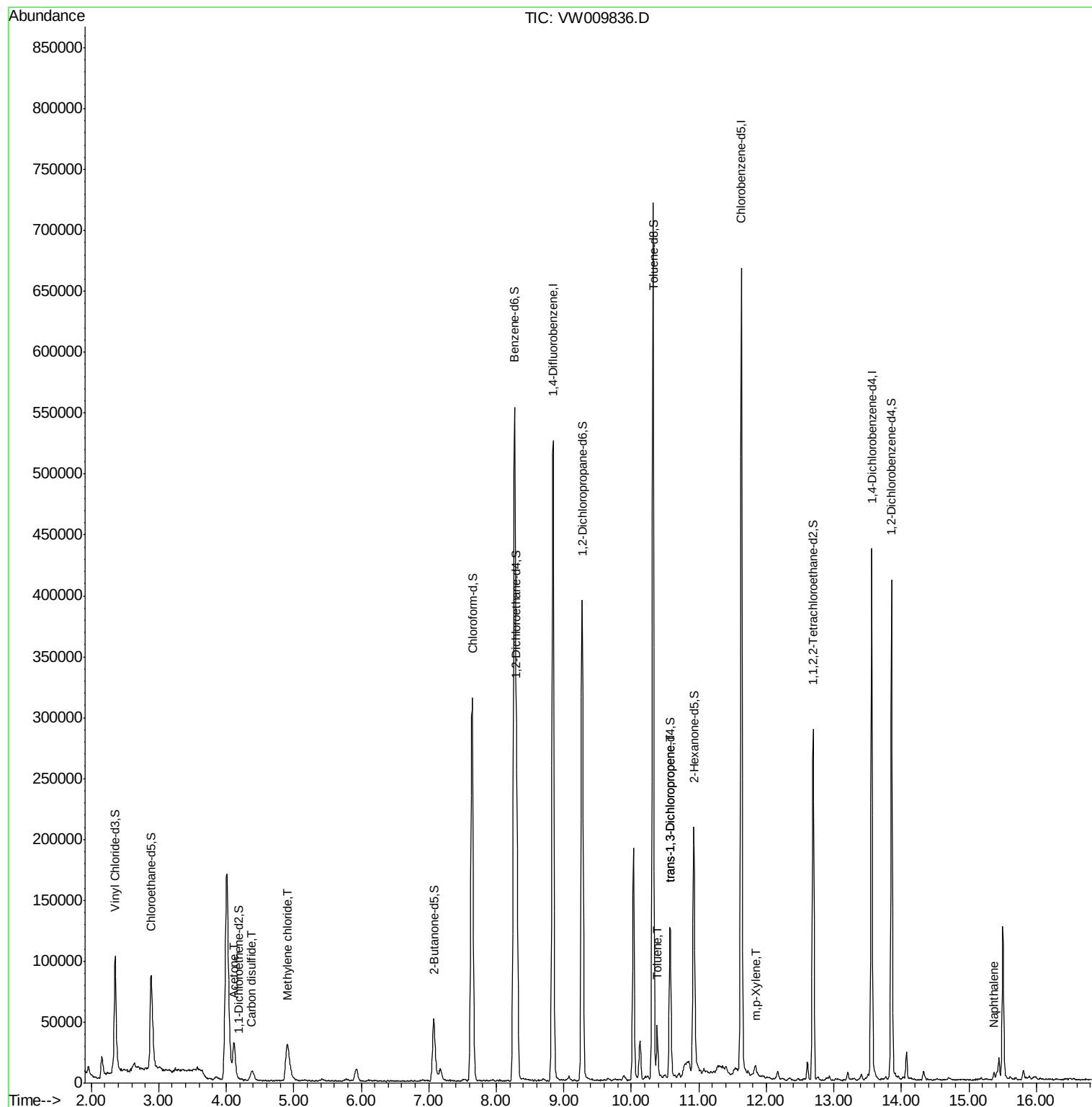
					Qvalue
13) Acetone	4.11	43	49964	27.169 ug/L	98
14) Carbon disulfide	4.37	76	5368	0.322 ug/L	98
16) Methylene chloride	4.90	84	12734	1.787 ug/L	90
44) Toluene	10.38	91	27988	1.292 ug/L	96
45) trans-1,3-Dichloropropene	10.58	75	3587	0.513 ug/L #	79
54) m,p-Xylene	11.84	106	2381	0.261 ug/L	71
69) Naphthalene	15.37	128	4620	0.620 ug/L #	94

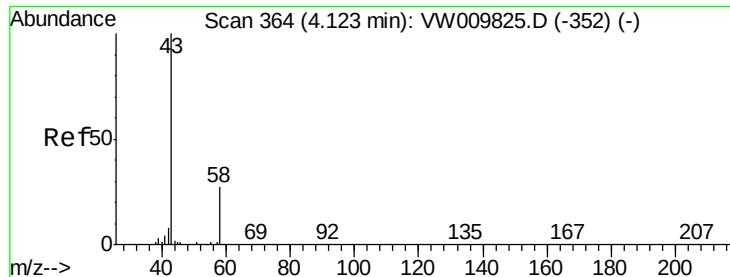
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 10 00:56:07 2019
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#13

Acetone

Concen: 27.169 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW009836.D

Acq: 09 Apr 2019 12:50

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ClientSampleId :

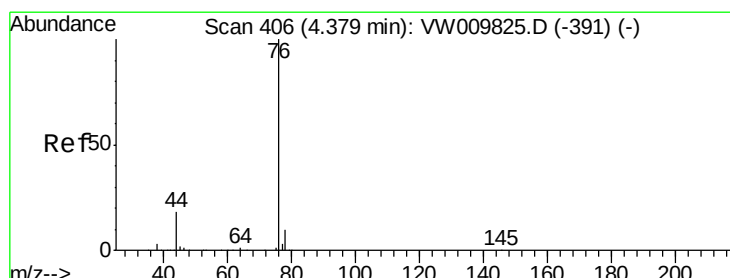
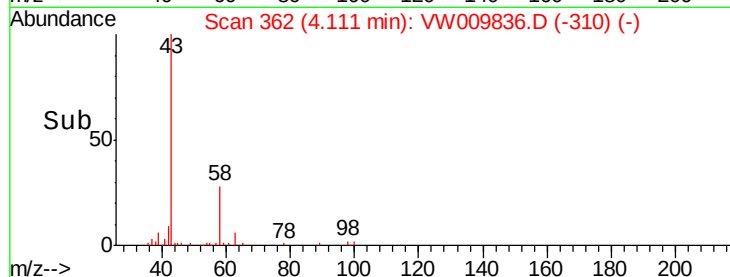
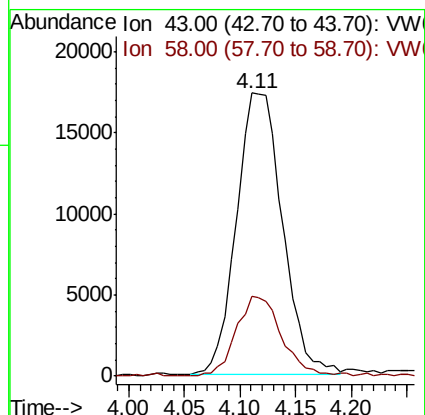
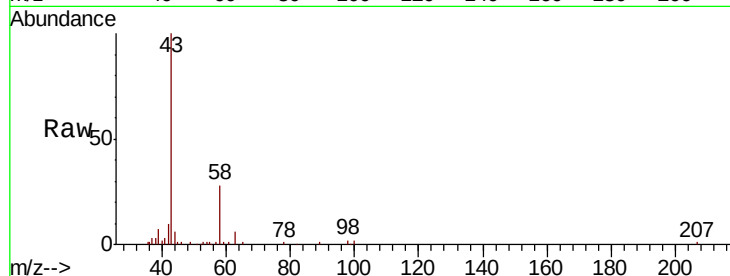
BFC34RE

Tgt Ion: 43 Resp: 49964

Ion Ratio Lower Upper

43 100

58 27.8 0.0 53.0



#14

Carbon disulfide

Concen: 0.322 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW009836.D

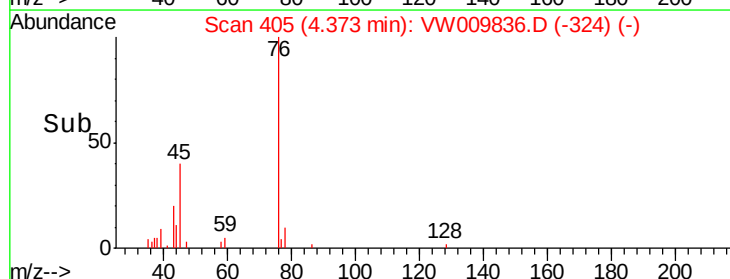
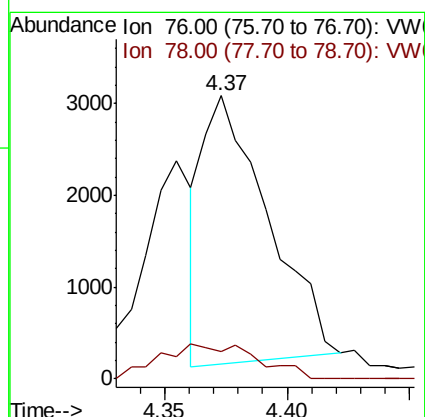
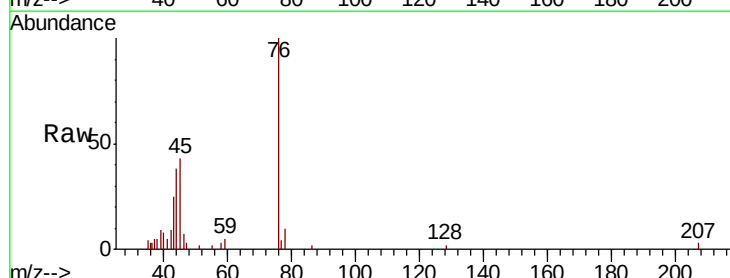
Acq: 09 Apr 2019 12:50

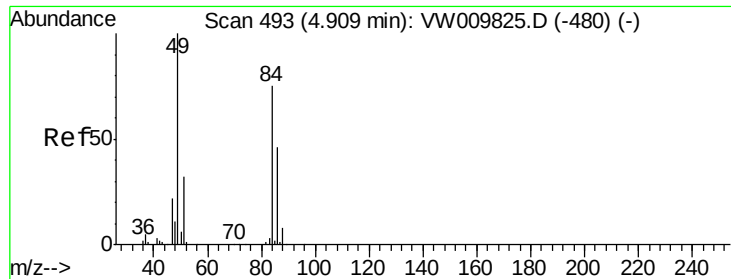
Tgt Ion: 76 Resp: 5368

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9

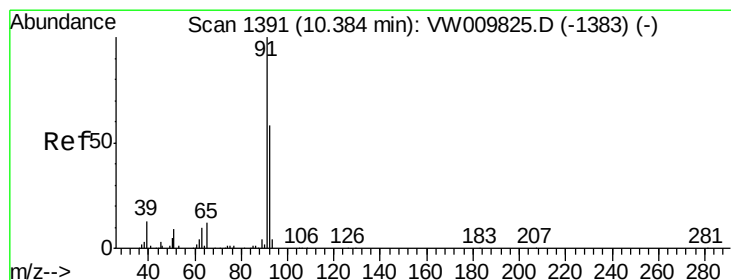
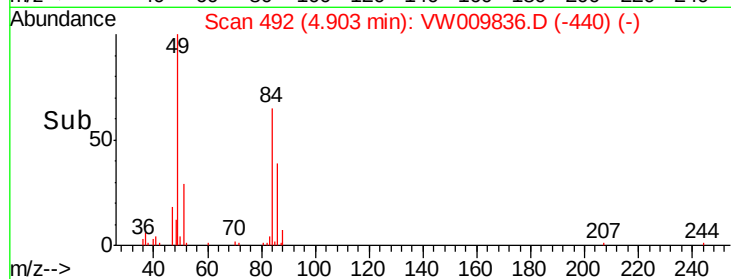
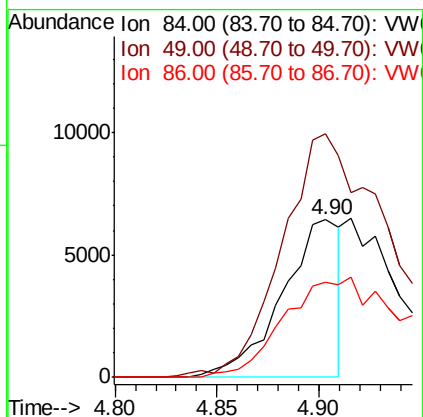
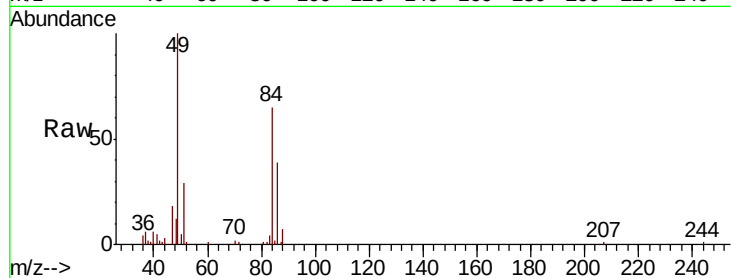




#16
Methylene chloride
Concen: 1.787 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009836.D
Acq: 09 Apr 2019 12:50

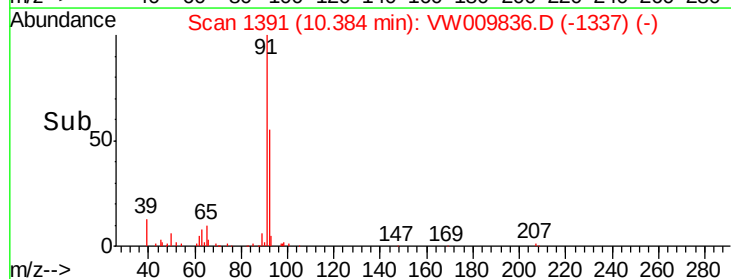
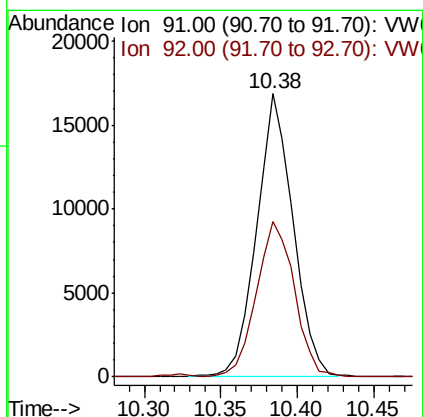
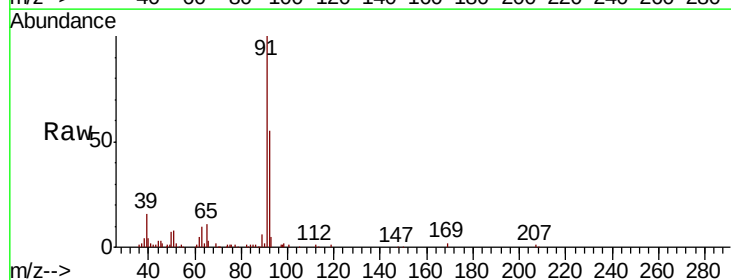
Instrument :
MSVOA_W
ClientSampled :
BFC34RE

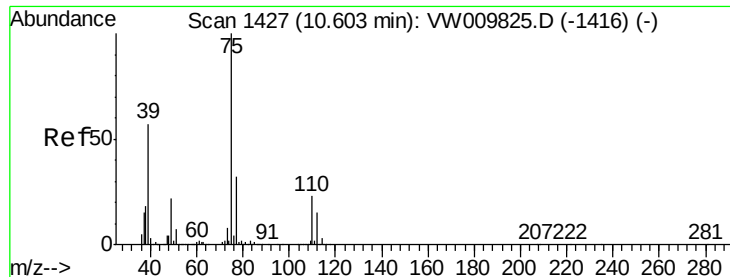
Tgt Ion: 84 Resp: 12734
Ion Ratio Lower Upper
84 100
49 154.6 98.3 182.5
86 60.7 46.4 86.2



#44
Toluene
Concen: 1.292 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW009836.D
Acq: 09 Apr 2019 12:50

Tgt Ion: 91 Resp: 27988
Ion Ratio Lower Upper
91 100
92 55.0 40.5 75.1





#45

trans-1,3-Dichloropropene

Concen: 0.513 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009836.D

Acq: 09 Apr 2019 12:50

Instrument :

MSVOA_W

ClientSampleId :

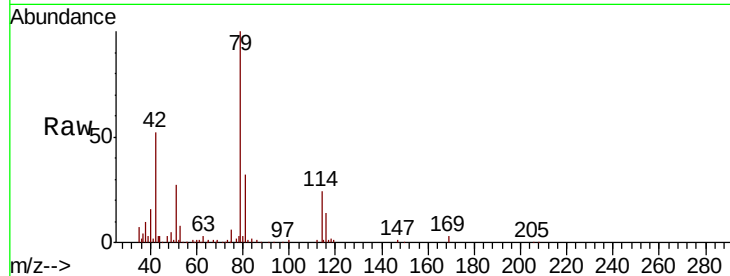
BFC34RE

Tgt Ion: 75 Resp: 3587

Ion Ratio Lower Upper

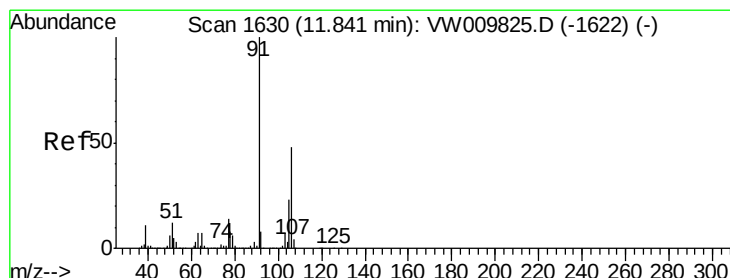
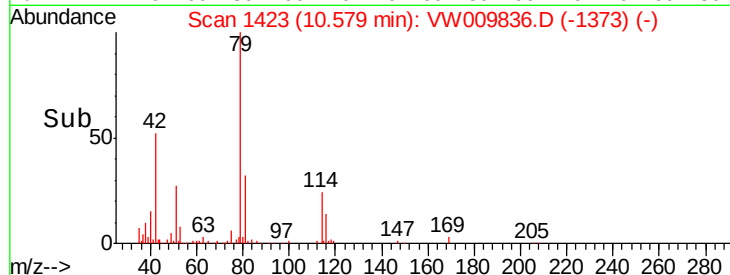
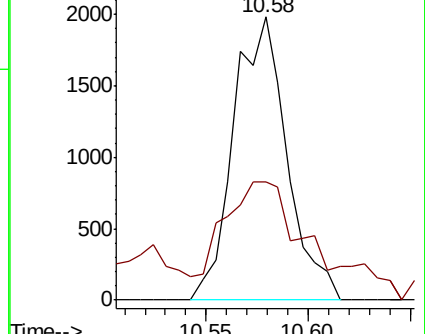
75 100

77 41.6 21.1 39.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#54

m,p-Xylene

Concen: 0.261 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW009836.D

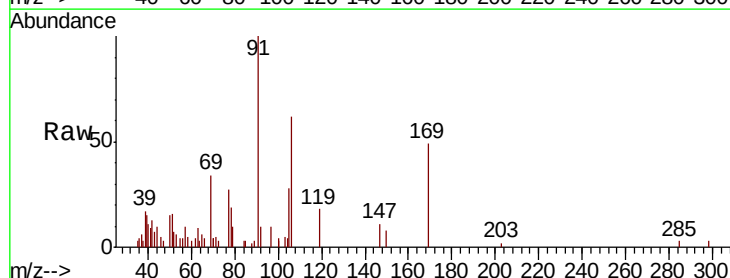
Acq: 09 Apr 2019 12:50

Tgt Ion: 106 Resp: 2381

Ion Ratio Lower Upper

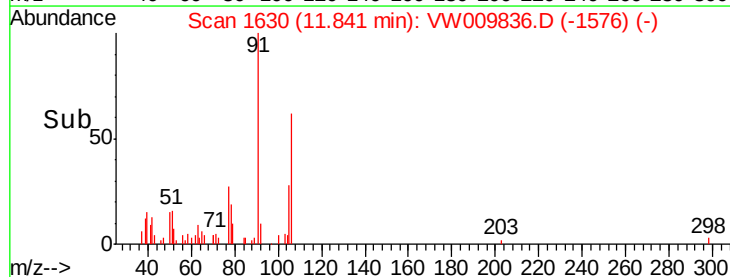
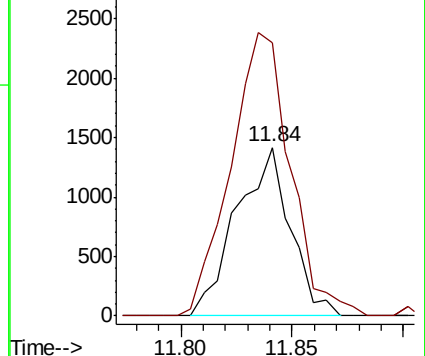
106 100

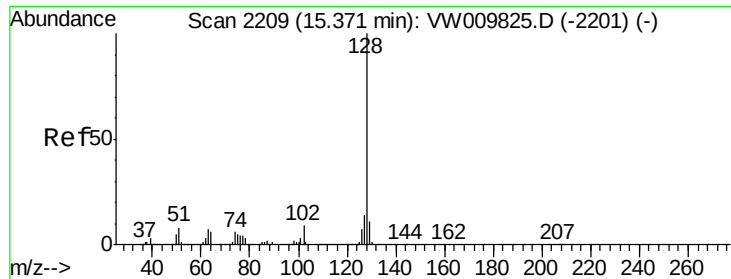
91 162.2 145.3 269.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#69

Naphthalene

Concen: 0.620 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW009836.D

Acq: 09 Apr 2019 12:50

Instrument :

MSVOA_W

ClientSampleId :

BFC34RE

Tgt Ion:128 Resp: 4620

Ion Ratio Lower Upper

128 100

129 11.2 8.5 12.7

127 17.2 10.8 16.2#

